



United States
Department of
Agriculture

Natural
Resources
Conservation
Service

In cooperation with United
States Department of the
Interior, Bureau of Land
Management; University of
Idaho, College of
Agriculture; and Idaho Soil
Conservation Commission

Soil Survey of Owyhee County Area, Idaho Part II



Tables

Table 1.--Temperature and Precipitation

(Recorded in the period 1961-90 at Reynolds, Idaho, and Mountain City, Nevada)

Month	Temperature						Precipitation					
	Average daily maximum	Average daily minimum	Average daily	2 years in 10 will have--		Average number of growing degree days*	Average	2 years in 10 will have--		Average number of days with 0.10 inch or more	Average snowfall	
				Maximum temperature higher than--	Minimum temperature lower than--			Less than--	More than--			
°F	°F	°F	°F	°F	Units	In	In	In		In		
<i>Reynolds</i>												
January	37.6	19.0	28.3	57	-9	12	1.15	0.53	1.76	3	3.1	
February	43.2	23.1	33.2	62	0	19	0.77	0.33	1.15	2	1.5	
March	50.0	27.1	38.5	71	9	64	0.95	0.45	1.39	3	1.2	
April	58.0	31.9	45.0	81	16	183	1.04	0.45	1.55	2	0.9	
May	67.1	39.0	53.1	89	23	407	0.97	0.40	1.46	2	0.0	
June	76.2	46.3	61.2	97	30	637	1.32	0.45	2.04	3	0.0	
July	85.8	52.0	68.9	100	36	896	0.33	0.09	0.58	1	0.0	
August	84.7	50.8	67.7	99	36	857	0.63	0.09	1.11	1	0.0	
September	74.5	41.7	58.1	93	25	542	0.59	0.17	1.04	1	0.0	
October	63.4	32.5	48.0	83	16	269	0.79	0.38	1.32	2	0.3	
November	48.7	26.0	37.3	70	6	60	1.18	0.52	1.74	3	0.9	
December	39.3	18.9	29.1	59	-8	15	1.16	0.33	1.83	3	3.1	
Yearly:												
Average	60.7	34.0	47.4	---	---	---	---	---	---	---	---	---
Extreme	105	-24	---	101	-15	---	---	---	---	---	---	---
Total	---	---	---	---	---	3,960	10.89	8.49	12.77	26	11.0	

See footnote at end of table.

Table 1.--Temperature and Precipitation--Continued

Month	Temperature						Precipitation					
	Average daily maximum	Average daily minimum	Average daily	2 years in 10 will have--		Average number of growing degree days*	2 years in 10 will have--			Average number of days with 0.10 inch or more	Average snowfall	
				Maximum temperature higher than--	Minimum temperature lower than--		Average	Less than--	More than--			
	°F	°F	°F	°F	°F	Units	In	In	In		In	
Mountain City												
January	37.9	9.2	23.5	54	-30	2	1.35	0.55	2.02	3	5.9	
February	42.0	13.5	27.8	59	-20	3	1.08	0.46	1.61	4	2.6	
March	46.2	18.1	32.1	65	-10	14	1.17	0.71	1.58	4	4.5	
April	55.5	23.3	39.4	76	5	76	0.95	0.37	1.43	3	1.0	
May	64.5	29.9	47.2	84	13	235	1.56	0.80	2.31	4	0.5	
June	74.4	36.1	55.2	91	21	440	1.25	0.34	1.98	3	0.0	
July	84.8	39.8	62.3	95	27	685	0.53	0.17	0.93	1	0.0	
August	84.1	38.0	61.0	95	22	637	0.61	0.09	1.08	2	0.0	
September	74.6	30.1	52.3	90	11	363	0.86	0.33	1.42	2	0.0	
October	63.4	22.2	42.8	82	2	136	0.96	0.51	1.70	2	0.8	
November	46.9	18.5	32.7	69	-9	21	1.51	0.78	2.15	4	1.6	
December	38.5	10.1	24.3	58	-27	3	1.38	0.47	2.22	4	3.5	
Yearly:												
Average	59.4	24.1	41.7	---	---	---	---	---	---	---	---	
Extreme	98	-48	---	96	-33	---	---	---	---	---	---	
Total	---	---	---	---	---	2,616	13.21	10.26	15.05	36	20.3	

*A growing degree day is a unit of heat available for plant growth. It can be calculated by adding the maximum and minimum daily temperatures, dividing the sum by 2, and subtracting the temperature below which growth is minimal for the principal crops in the area (Threshold: 40 degrees F).

Table 2.--Freeze Dates in Spring and Fall

(Recorded in the period 1961-90 at Reynolds, Idaho, and Mountain City, Nevada)

Probability	Temperature		
	24 °F or lower	28 °F or lower	32 °F or lower
<i>Reynolds</i>			
Last freezing temperature in spring:			
1 year in 10 later than--	May 12	June 3	June 22
2 years in 10 later than--	May 5	May 28	June 14
5 years in 10 later than--	April 21	May 16	May 31
First freezing temperature in fall:			
1 year in 10 earlier than--	Sept. 29	Sept. 17	Sept. 5
2 years in 10 earlier than--	Oct. 4	Sept. 23	Sept. 10
5 years in 10 earlier than--	Oct. 13	Oct. 4	Sept. 20
<i>Mountain City</i>			
Last freezing temperature in spring:			
1 year in 10 later than--	June 26	July 18	July 31
2 years in 10 later than--	June 19	July 11	July 26
5 years in 10 later than--	June 5	June 28	July 17
First freezing temperature in fall:			
1 years in 10 earlier than--	Aug. 22	Aug. 12	July 30
2 years in 10 earlier than--	Aug. 27	Aug. 17	Aug. 3
5 years in 10 earlier than--	Sept. 6	Aug. 27	Aug. 10

Table 3.--Growing Season

(Recorded in the period 1961-90 at Reynolds, Idaho,
and Mountain City, Nevada)

Probability	Daily minimum temperature during growing season		
	Higher than 24 °F	Higher than 28 °F	Higher than 32 °F
	<u>Days</u>	<u>Days</u>	<u>Days</u>
<i>Reynolds</i>			
9 years in 10	148	112	86
8 years in 10	157	121	94
5 years in 10	174	140	111
2 years in 10	191	158	128
1 year in 10	200	167	136
<i>Mountain City</i>			
9 years in 10	65	34	9
8 years in 10	75	42	15
5 years in 10	93	60	25
2 years in 10	110	77	36
1 year in 10	120	86	41

Table 4.--Acreage and Proportionate Extent of the Soils

Map symbol	Soil name	Acres	Percent
1	Acrelane-Rock outcrop complex, 10 to 45 percent slopes-----	18,138	0.5
2	Alzola silt loam, 1 to 10 percent slopes-----	16,536	0.4
3	Alzola-Troughs-Bigflat stony loams, 5 to 35 percent slopes-----	8,812	0.2
4	Arbidge-Buncelvoir-Chilcott complex, 2 to 6 percent slopes-----	45,707	1.2
5	Arbidge-Chilcott silt loams, 1 to 8 percent slopes-----	29,318	0.8
6	Arbidge-Heckison association, 2 to 15 percent slopes-----	11,398	0.3
7	Arbidge-Hunnton silt loams, 1 to 8 percent slopes-----	78,343	2.1
8	Arbidge-Laped-Slickspots complex, 0 to 8 percent slopes-----	20,494	0.6
9	Arbidge-Owsel-Gariper complex, 1 to 15 percent slopes-----	40,598	1.1
10	Arness-Humdun complex, 1 to 8 percent slopes-----	5,457	0.1
11	Babbington-Beetville loams, 0 to 3 percent slopes-----	1,858	0.1
12	Babbington-Piline association, 0 to 3 percent slopes-----	7,321	0.2
13	Badlands-Typic Torriorthents-Xeric Torriorthents complex, very steep-----	17,867	0.5
14	Bauscher-Sharesnout association, 5 to 35 percent slopes-----	6,879	0.2
15	Bedstead-Arbidge association, 2 to 15 percent slopes-----	87,963	2.4
16	Bieber-Hurryback association, 2 to 40 percent slopes-----	11,031	0.3
17	Blackleg-Northcastle complex, 1 to 12 percent slopes-----	10,371	0.3
18	Blackleg-Threek association, 3 to 40 percent slopes-----	1,768	*
19	Bluecreek sandy loam, 1 to 10 percent slopes-----	7,199	0.2
20	Booford-Barkley complex, 8 to 45 percent slopes-----	2,614	0.1
21	Booford-Blackleg association, 2 to 12 percent slopes-----	3,695	0.1
22	Boulder Lake-Yatahoney association, 0 to 10 percent slopes-----	13,374	0.4
23	Brace-Freshwater complex, 1 to 15 percent slopes-----	15,376	0.4
24	Briabbit-Murphill complex, 2 to 35 percent slopes-----	12,891	0.3
25	Bruncan very stony silt loam, 2 to 15 percent slopes-----	3,818	0.1
26	Bruncan-Arbidge complex, 1 to 8 percent slopes-----	36,016	1.0
27	Bruncan-Hardtrigger-Buncelvoir complex, 1 to 8 percent slopes-----	36,223	1.0
28	Bruncan-Jenor-Troughs association, 1 to 10 percent slopes-----	15,484	0.4
29	Bruncan-Laped complex, 1 to 8 percent slopes-----	15,408	0.4
30	Bruncan-Minveno complex, 2 to 15 percent slopes-----	40,567	1.1
31	Bruncan-Snowmore silt loams, 1 to 8 percent slopes-----	29,323	0.8
32	Bruncan-Troughs very stony loams, 1 to 10 percent slopes-----	30,779	0.8
33	Bruncan-Troughs-Midraw complex, 0 to 5 percent slopes-----	5,895	0.2
34	Brunzell-Doodlelink-Threek gravelly loams, 2 to 45 percent slopes-----	6,788	0.2
35	Catchell-Longcreek complex, 3 to 25 percent slopes-----	6,517	0.2
36	Chayson-Merlin complex, 2 to 12 percent slopes-----	9,238	0.2
37	Chilcott-Igert gravelly loams, 2 to 20 percent slopes-----	5,942	0.2
38	Chilcott-Lamonta complex, 2 to 12 percent slopes-----	9,352	0.3
39	Chinabutte-Alibi very stony loams, 3 to 45 percent slopes-----	6,539	0.2
40	Cleavage-Avtable-Monasterio complex, 1 to 35 percent slopes-----	28,440	0.8
41	Cleavage-Rubbleland complex, 2 to 35 percent slopes-----	1,234	*
42	Cleavage-Snell complex, 5 to 50 percent slopes-----	20,582	0.6
43	Cottle-Willhill complex, 3 to 25 percent slopes-----	19,021	0.5
44	Dehana-Nagitsy association, 2 to 50 percent slopes-----	4,921	0.1
45	Deunah-Yatahoney-Lostvalley complex, 1 to 10 percent slopes-----	109,892	3.0
46	Diawell-McKeeth association, 2 to 20 percent slopes-----	3,646	0.1
47	Dollarhide-Rock outcrop complex, 15 to 75 percent slopes-----	711	*
48	Doodlelink-Bregar-Sharesnout complex, 5 to 40 percent slopes-----	3,805	0.1
49	Doodlelink-Sharesnout-Parkay association, 3 to 50 percent slopes-----	6,625	0.2
50	Doodlelink-Snell-Parkay complex, 5 to 40 percent slopes-----	6,147	0.2
51	Dougal-Bruncan stony sandy loams, 2 to 20 percent slopes-----	83,747	2.3
52	Dranyon-Dehana gravelly loams, 2 to 40 percent slopes-----	1,219	*
53	Duco-Chinabutte-Dougal complex, 5 to 45 percent slopes-----	15,786	0.4
54	Escalante sandy loam, 1 to 12 percent slopes-----	2,439	0.1
55	Escalante-Tindahay-Ornea complex, 1 to 12 percent slopes-----	15,005	0.4
56	Fairylawn-Perla association, 2 to 25 percent slopes-----	8,531	0.2
57	Fairylawn-Schnipper silt loams, 1 to 8 percent slopes-----	12,580	0.3
58	Foxmount-Povey-Rubbleland complex, 10 to 50 percent slopes-----	6,097	0.2
59	Freshwater-Larioscamp-Dishpan complex, 1 to 20 percent slopes-----	10,427	0.3
60	Fryingpan-Hat-Nipintuck complex, 1 to 30 percent slopes-----	29,301	0.8
61	Fulcrum-Monasterio stony sandy loams, 1 to 20 percent slopes-----	19,798	0.5
62	Gaib-Wareagle-Rock outcrop association, 2 to 50 percent slopes-----	4,968	0.1
63	Gooding-Gariper loams, 2 to 20 percent slopes-----	13,057	0.4

See footnote at end of table.

Table 4.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
64	Goose Creek loam, 1 to 3 percent slopes-----	2,650	0.1
65	Graveya-Ratsnest-Rock outcrop association, 3 to 35 percent slopes-----	14,120	0.4
66	Graylock-Takeuchi association, 3 to 60 percent slopes-----	5,695	0.2
67	Hades-Sharesnout complex, 5 to 35 percent slopes-----	7,168	0.2
68	Hardtrigger-Arbridge complex, 2 to 12 percent slopes-----	5,556	0.1
69	Hardtrigger-Briabbit-Tindahay complex, 1 to 15 percent slopes-----	23,528	0.6
70	Hardtrigger-Cottle-Midraw complex, 3 to 35 percent slopes-----	8,053	0.2
71	Hardtrigger-Enko complex, 2 to 15 percent slopes-----	15,225	0.4
72	Hardtrigger-Gariper-Diawell complex, 2 to 20 percent slopes-----	3,817	0.1
73	Hardtrigger-Goose Creek loams, 1 to 5 percent slopes-----	1,829	*
74	Hardtrigger-Scism complex, 1 to 5 percent slopes-----	7,370	0.2
75	Hardtrigger-Snowmore-Vickery complex, 1 to 5 percent slopes-----	38,109	1.0
76	Hat-Avtable-Monasterio complex, 1 to 20 percent slopes-----	33,930	0.9
77	Hat-Nagitsy-Rock outcrop complex, 5 to 50 percent slopes-----	28,874	0.8
78	Hat-Rock outcrop-Nipintuck complex, 2 to 35 percent slopes-----	48,675	1.3
79	Hat-Zecanyon complex, 1 to 20 percent slopes-----	10,029	0.3
80	Haw-Renslow association, 0 to 4 percent slopes-----	7,394	0.2
81	Heckison-Bigflat silt loams, 1 to 10 percent slopes-----	70,633	1.9
82	Heckison-Freshwater complex, 1 to 20 percent slopes-----	14,357	0.4
83	Heckison-Insidert-Bigflat silt loams, 1 to 10 percent slopes-----	23,986	0.6
84	Hotcreek-Troughs association, 1 to 15 percent slopes-----	14,971	0.4
85	Hurryback-Hat-Avtable association, 1 to 40 percent slopes-----	24,711	0.7
86	Hurryback-Wickahoney association, 3 to 45 percent slopes-----	11,157	0.3
87	Igert-Willhill-Hardtrigger gravelly loams, 1 to 25 percent slopes-----	28,050	0.8
88	Insidert-Tanner complex, 1 to 8 percent slopes-----	8,674	0.2
89	Jumpcreek-Frenchjohn complex, 3 to 30 percent slopes-----	8,573	0.2
90	Kanlee-Ola-Quicksilver association, 3 to 50 percent slopes-----	15,215	0.4
91	Kanlee-Poisoncreek-Ola association, 1 to 45 percent slopes-----	10,060	0.3
92	Kiyi-Sharesnout-Hades complex, 3 to 40 percent slopes-----	5,280	0.1
93	Larioscamp-Dishpan-Brace loams, 1 to 12 percent slopes-----	26,463	0.7
94	Larioscamp-Freshwater complex, 1 to 15 percent slopes-----	5,111	0.1
95	Longcreek-Hurryback-Succor complex, 3 to 40 percent slopes-----	20,943	0.6
96	Loomis-Fairylawn complex, 1 to 15 percent slopes-----	5,244	0.1
97	Loomis-Haw association, 2 to 35 percent slopes-----	6,685	0.2
98	Lostvalley-Budlewis complex, 1 to 10 percent slopes-----	10,611	0.3
99	Mackey-Cottle association, 10 to 45 percent slopes-----	7,776	0.2
100	McKeeth-Veta gravelly loams, 2 to 15 percent slopes-----	23,255	0.6
101	Merlin-Lostvalley-Chayson complex, 1 to 12 percent slopes-----	19,453	0.5
102	Minveno-Roseworth silt loams, 1 to 5 percent slopes-----	18,647	0.5
103	Mollic Haploxeralfs-Pachic Argixerolls complex, steep-----	40,037	1.1
104	Monasterio-Chayson-Budlewis complex, 1 to 15 percent slopes-----	5,463	0.1
105	Monasterio-Cleavage-Saturday association, 1 to 25 percent slopes-----	20,114	0.5
106	Monasterio-Cleavage-Thacker complex, 1 to 35 percent slopes-----	20,791	0.6
107	Monasterio-Wickahoney complex, 1 to 20 percent slopes-----	48,283	1.3
108	Mulshoe very stony sandy loam, 4 to 25 percent slopes-----	1,623	*
109	Mulshoe-Squawcreek-Gaib association, 2 to 30 percent slopes-----	54,615	1.5
110	Nagitsy-Rock outcrop-Parkay complex, 3 to 30 percent slopes-----	5,790	0.2
111	Nazaton-Naz complex, 10 to 60 percent slopes-----	2,511	0.1
112	Nipintuck-Rock outcrop complex, 2 to 30 percent slopes-----	13,205	0.4
113	Nipintuck-Squawcreek-Rock outcrop complex, 2 to 30 percent slopes-----	27,642	0.7
114	Northcastle-Bluecreek-Yatahoney loams, 1 to 10 percent slopes-----	9,659	0.3
115	Northcastle-Wagonbox-Fryingpan complex, 1 to 15 percent slopes-----	10,055	0.3
116	Ola-Ear Cree association, 10 to 50 percent slopes-----	3,283	0.1
117	Orovada-Roseworth-Wholan complex, 1 to 5 percent slopes-----	10,603	0.3
118	Owsel-Coonskin-Orovada complex, 1 to 5 percent slopes-----	48,403	1.3
119	Parkay gravelly silt loam, 10 to 50 percent slopes-----	6,263	0.2
120	Parkay-Bregar complex, 5 to 25 percent slopes-----	3,655	0.1
121	Parkay-Dehana association, 5 to 50 percent slopes-----	8,298	0.2
122	Parkay-Dehana-Booneville association, 5 to 50 percent slopes-----	13,427	0.4
123	Parkay-Povey complex, 5 to 50 percent slopes-----	1,202	*
124	Parkay-Wickahoney association, 2 to 30 percent slopes-----	17,708	0.5
125	Paynecreek gravelly sandy loam, 1 to 5 percent slopes-----	1,992	0.1
126	Paynecreek-Barkley-Chayson loams, 1 to 10 percent slopes-----	6,145	0.2

See footnote at end of table.

Table 4.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
127	Paynecreek-Northcastle complex, 1 to 8 percent slopes-----	5,079	0.1
128	Paynecreek-Northcastle-Blackwell association, 0 to 8 percent slopes-----	18,260	0.5
129	Perla-Ruclick complex, 2 to 12 percent slopes-----	6,047	0.2
130	Pits, gravel-----	263	*
131	Pits and Dumps, mine-----	713	*
132	Pixley-Barkley complex, 2 to 10 percent slopes-----	13,898	0.4
133	Playas-Duric Natrargids association, nearly level-----	1,382	*
134	Plush-Rubbleland-Rock outcrop association, 25 to 50 percent slopes-----	17,294	0.5
135	Poisoncreek-Kanlee association, 4 to 45 percent slopes-----	5,666	0.2
136	Poisoncreek-Kanlee-Bauscher association, 4 to 45 percent slopes-----	13,005	0.4
137	Povey-Dehana complex, 4 to 40 percent slopes-----	586	*
138	Povey-Earcree complex, 10 to 50 percent slopes-----	4,768	0.1
139	Povey-Nagitsy association, 4 to 60 percent slopes-----	2,345	0.1
140	Quicksilver-Takeuchi-Rock outcrop association, 3 to 50 percent slopes-----	11,249	0.3
141	Ratsnest-Ornea complex, 1 to 12 percent slopes-----	5,688	0.2
142	Roca-Freshwater stony loams, 2 to 20 percent slopes-----	16,494	0.4
143	Rock outcrop-Xerollic Haplargids complex, very steep-----	121,682	3.3
144	Rubbleland-Rock outcrop-Pachic Argixerolls complex, very steep-----	73,648	2.0
145	Salisbury-Gacey-Barnard complex, 2 to 12 percent slopes-----	9,721	0.3
146	Saturday-Mulshoe complex, 4 to 25 percent slopes-----	19,689	0.5
147	Scism silt loam, 5 to 20 percent slopes-----	10,293	0.3
148	Scism very fine sandy loam, 1 to 12 percent slopes-----	19,470	0.5
149	Scism-Coonskin complex, 1 to 20 percent slopes-----	6,954	0.2
150	Sharesnout-Bregar complex, 5 to 35 percent slopes-----	4,253	0.1
151	Sharesnout-Bregar-Coser complex, 5 to 35 percent slopes-----	31,241	0.8
152	Sharesnout-Budlewis complex, 1 to 15 percent slopes-----	10,677	0.3
153	Sharesnout-Coser-Threek complex, 5 to 35 percent slopes-----	10,798	0.3
154	Sharesnout-Monasterio-Pixley complex, 1 to 20 percent slopes-----	13,430	0.4
155	Shoofly gravelly loam, 0 to 4 percent slopes-----	5,782	0.2
156	Snell-Kiyi association, 3 to 40 percent slopes-----	5,993	0.2
157	Snell-Sharesnout complex, 5 to 40 percent slopes-----	29,204	0.8
158	Snowmore-Igert-Bruncan complex, 1 to 12 percent slopes-----	22,317	0.6
159	Snowmore-Troughs complex, 1 to 10 percent slopes-----	26,846	0.7
160	Snowmore-Willhill association, 2 to 25 percent slopes-----	39,375	1.1
161	Southmount-Booneville complex, 5 to 40 percent slopes-----	4,371	0.1
162	Squawcreek-Avtable-Wagonbox complex, 1 to 15 percent slopes-----	14,977	0.4
163	Squawcreek-Wickahoney stony loams, 1 to 20 percent slopes-----	26,250	0.7
164	Squawcreek-Zecanyon association, 2 to 20 percent slopes-----	12,521	0.3
165	Strickland-Dehana-Parkay association, 5 to 35 percent slopes-----	3,349	0.1
166	Succor-Gooding-Deshler complex, 2 to 35 percent slopes-----	15,381	0.4
167	Sugarcreek gravelly loam, 3 to 30 percent slopes-----	3,125	0.1
168	Takeuchi-Earcree-Rock outcrop association, 10 to 60 percent slopes-----	6,290	0.2
169	Takeuchi-Kanlee-Poisoncreek association, 1 to 45 percent slopes-----	17,612	0.5
170	Takeuchi-Quicksilver association, 3 to 50 percent slopes-----	11,134	0.3
171	Tanner silt loam, 2 to 8 percent slopes-----	8,053	0.2
172	Tanner-Dishpan loams, 1 to 8 percent slopes-----	10,428	0.3
173	Thacker-Cleavage-Bigflat association, 1 to 12 percent slopes-----	7,756	0.2
174	Thacker-Cleavage-Sharesnout complex, 2 to 40 percent slopes-----	8,448	0.2
175	Thacker-Monasterio-Cleavage association, 1 to 40 percent slopes-----	7,009	0.2
176	Threek-Barkley-Blackleg complex, 2 to 30 percent slopes-----	14,751	0.4
177	Threek-Blackleg-Hatpeak complex, 2 to 20 percent slopes-----	10,411	0.3
178	Tindahay-Royal-Badlands complex, 1 to 90 percent slopes-----	10,606	0.3
179	Troughs-Arbidge association, 2 to 12 percent slopes-----	7,648	0.2
180	Troughs-Jenor-Laped association, 1 to 10 percent slopes-----	57,680	1.6
181	Troughs-Owsel complex, 1 to 10 percent slopes-----	25,453	0.7
182	Troughs-Sugarcreek association, 2 to 15 percent slopes-----	54,851	1.5
183	Tucker-Zola silt loams, 0 to 4 percent slopes-----	8,116	0.2
184	Typic Haploxerolls-Pachic Argixerolls-Badlands complex, very steep-----	5,656	0.2
185	Typic Torripsamments-Typic Torrifluvents complex, gently sloping-----	7,391	0.2
186	Typic Torripsamments-Typic Torriorthents complex, undulating-----	3,514	0.1
187	Upcreek-Riverwash complex, 0 to 4 percent slopes-----	3,261	0.1
188	Vickery-Snowmore complex, 1 to 5 percent slopes-----	4,445	0.1
189	Vipont-Bauscher association, 8 to 60 percent slopes-----	3,310	0.1

See footnote at end of table.

Table 4.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
190	Vitale very stony loam, 5 to 40 percent slopes-----	950	*
191	Vitale-Cleavage-Bauscher complex, 5 to 50 percent slopes-----	20,793	0.6
192	Vitale-Itca-Rubbleland complex, 2 to 60 percent slopes-----	20,342	0.5
193	Vitale-Mulshoe-Itca complex, 2 to 40 percent slopes-----	11,808	0.3
194	Vitale-Rock outcrop complex, 5 to 40 percent slopes-----	2,356	0.1
195	Wagonbox-Deunah-Hatpeak complex, 1 to 8 percent slopes-----	6,325	0.2
196	Wareagle-Povey association, 15 to 50 percent slopes-----	11,030	0.3
197	Weash-Ruclick complex, 5 to 35 percent slopes-----	2,017	0.1
198	Weash-Schnipper complex, 1 to 8 percent slopes-----	4,102	0.1
199	Welch loam, 0 to 1 percent slopes-----	3,651	0.1
200	Welch-Upcreek loams, 0 to 3 percent slopes-----	9,091	0.2
201	Wickahoney-Blackleg-Thacker association, 2 to 30 percent slopes-----	31,163	0.8
202	Wickahoney-Budlewis complex, 1 to 10 percent slopes-----	31,422	0.8
203	Wickahoney-Doodlelink association, 3 to 45 percent slopes-----	11,577	0.3
204	Wickahoney-Monasterio-Yatahoney association, 1 to 20 percent slopes-----	83,105	2.2
205	Wickahoney-Parkay-Bregar complex, 3 to 50 percent slopes-----	6,732	0.2
206	Wickahoney-Wagonbox-Rubbleland complex, 1 to 8 percent slopes-----	92,429	2.5
207	Wickahoney-Zecanyon complex, 3 to 45 percent slopes-----	54,141	1.5
208	Wickahoney-Zecanyon-Hat association, 1 to 20 percent slopes-----	7,600	0.2
209	Willhill-Bedstead complex, 2 to 25 percent slopes-----	8,681	0.2
210	Willhill-Cottle association, 3 to 35 percent slopes-----	66,795	1.8
211	Willhill-Cottle-Longcreek complex, 3 to 35 percent slopes-----	17,078	0.5
212	Xeric Torriorthents-Typic Torriorthents-Badlands complex, very steep-----	6,086	0.2
213	Xerollic Haplargids-Xerollic Paleargids-Rubbleland complex, steep-----	29,096	0.8
214	Yatahoney-Nicholflat association, 1 to 10 percent slopes-----	13,044	0.4
215	Yatahoney-Zecanyon-Deunah complex, 1 to 10 percent slopes-----	9,350	0.3
216	Zola-Welch complex, 0 to 2 percent slopes-----	3,280	0.1
W	Water-----	4,795	0.1
	Total-----	3,710,266	100.0

* Less than 0.1 percent.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities

(Only the soils that support rangeland vegetation and woodland suitable for grazing are listed)

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
1*:					
Acrelane-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	50
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Rock outcrop.					
2-----					
Alzola	025xy019i Loamy 10-13" Ppt----	Favorable	1,000	Bluebunch wheatgrass-----	35
		Normal	700	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Thurber needlegrass-----	10
				Longleaf phlox-----	5
3*:					
Alzola-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Troughs-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Bigflat-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
4*:					
Arbidge-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Indian ricegrass-----	5
				Tall green rabbitbrush-----	5
Buncelvoir-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	35
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Chilcott-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
5*:					
Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
Chilcott-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Wheatgrass-----	5
6*:					
Arbidge-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Indian ricegrass-----	5
				Tall green rabbitbrush-----	5
Heckison-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Foxtail wheatgrass-----	5
				Sandberg bluegrass-----	5
				Western wheatgrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
7*:					
Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
Hunnton-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
8*:					
Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
Laped-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	20
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bud sagebrush-----	15
				Winterfat-----	15
				Bottlebrush squirreltail-----	10
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
8*: Slickspots.					
9*: Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
Owsel-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Gariper-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	10
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
10*: Arness-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Wheatgrass-----	5
Humdun-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Bluegrass-----	5
				Phlox-----	5
11*: Babington-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	25
		Normal	1,200	Basin big sagebrush-----	20
		Unfavorable	800	Bluegrass-----	15
				Sedge-----	10
				Bottlebrush squirreltail-----	5
				Idaho fescue-----	5
				Phlox-----	5
Beetville-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	30
		Normal	1,200	Bluegrass-----	20
		Unfavorable	800	Basin big sagebrush-----	20
				Sedge-----	10
				Rocky Mountain iris-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
12*: Babbington-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	25
		Normal	1,200	Basin big sagebrush-----	20
		Unfavorable	800	Bluegrass-----	15
				Sedge-----	10
				Bottlebrush squirreltail-----	5
				Idaho fescue-----	5
				Phlox-----	5
Piline-----	025xy035i Churning Clay 12-16" Ppt.	Favorable	1,200	Silver sagebrush-----	50
		Normal	900	Bluegrass-----	20
		Unfavorable	650	Bottlebrush squirreltail-----	10
				Sedge-----	5
13*: Badlands.					
Typic Torriorthents---	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Fourwing saltbush-----	5
Xeric Torriorthents---	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Spiny hopsage-----	5
14*: Bauscher-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain big sagebrush-----	10
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Bulbous oniongrass-----	5
				Arrowleaf balsamroot-----	5
				Western needlegrass-----	5
Bauscher-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
15*: Bedstead-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Idaho fescue-----	5
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
16*: Bieber-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	700	Sandberg bluegrass-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	500	Bottlebrush squirreltail-----	15
				Wright buckwheat-----	5
Hurryback-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
17*: Blackleg-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Bluegrass-----	5
				Bottlebrush squirreltail-----	5
Northcastle-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	20
		Normal	900	Bluebunch wheatgrass-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Needlegrass-----	5
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
18*: Blackleg-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Nevada bluegrass-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
18*: Threek-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
19----- Bluecreek	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Bluebunch wheatgrass-----	15
				Nevada bluegrass-----	5
				Lupine-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
20*: Booford-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Barkley-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
21*: Booford-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Blackleg-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Bluegrass-----	5
				Bottlebrush squirreltail-----	5
22*: Boulder Lake-----	025xy035i Churning Clay 12-16" Ppt.	Favorable	1,200	Silver sagebrush-----	40
		Normal	900	Bluegrass-----	25
		Unfavorable	650	Slender wheatgrass-----	10
				Rush-----	5
				Sedge-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
22*:					
Yatahoney-----	025xy014i Clayey 12-15" Ppt---	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Needlegrass-----	5
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Tapertip hawksbeard-----	5
23*:					
Brace-----	025xy019i Loamy 10-13" Ppt---	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Idaho fescue-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Tall green rabbitbrush-----	5
Freshwater-----	025xy019i Loamy 10-13" Ppt---	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Idaho fescue-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
24*:					
Briabbit-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Needleandthread-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Littleleaf horsebrush-----	5
Murphill-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	750	Wyoming big sagebrush-----	25
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bottlebrush squirreltail-----	10
				Needleandthread-----	5
				Sandberg bluegrass-----	5
				Globemallow-----	5
				Phlox-----	5
				Littleleaf horsebrush-----	5
				Spiny hopsage-----	5
				Purple sage-----	5
25-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
Bruncan		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
26*:					
Bruncan-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Rabbitbrush-----	5
Arbidge-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
27*:					
Bruncan-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Hardtrigger-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Buncelvoir-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
28*:					
Bruncan-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
Jenor-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Bottlebrush squirreltail-----	10
				Thurber needlegrass-----	10
				Sandberg bluegrass-----	5
Troughs-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
29*:					
Bruncan-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Rabbitbrush-----	5
Laped-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	20
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bud sagebrush-----	15
				Winterfat-----	15
				Bottlebrush squirreltail-----	10
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
30*:					
Bruncan-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
Minveno-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Phlox-----	5
31*:					
Bruncan-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
Snowmore-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
32*:					
Bruncan-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
32*:					
Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
33*:					
Bruncan-----	025xy040i Shallow Stony 8-12" Ppt.	Favorable	600	Black sagebrush-----	55
		Normal	450	Thurber needlegrass-----	15
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Troughs-----	025xy040i Shallow Stony 8-12" Ppt.	Favorable	600	Black sagebrush-----	50
		Normal	450	Thurber needlegrass-----	15
		Unfavorable	300	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	5
				Phlox-----	5
Midraw-----	025xy040i Shallow Stony 8-12" Ppt.	Favorable	600	Black sagebrush-----	55
		Normal	450	Thurber needlegrass-----	15
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
34*:					
Brunzell-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Antelope bitterbrush-----	5
Doodlelink-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	10
		Unfavorable	800	Mountain snowberry-----	10
				Columbia needlegrass-----	10
				Mountain brome-----	10
				Bluebunch wheatgrass-----	5
				Antelope bitterbrush-----	5
				Arrowleaf balsamroot-----	5
Threek-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
35*:					
Catchell-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	30
		Normal	550	Low sagebrush-----	30
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Hood phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
35*: Longcreek-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	45
		Normal	550	Low sagebrush-----	30
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
36*: Chayson-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Idaho fescue-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
Merlin-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	20
				Phlox-----	5
				Sandberg bluegrass-----	5
				Fussy sagebrush-----	5
37*: Chilcote-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Igert-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Spiny hopsage-----	5
38*: Chilcote-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
Lamonta-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
39*: Chinabutte-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Longleaf phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
39*: Alibi-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Longleaf phlox-----	5
40*: Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Avtable-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
				Western juniper-----	5
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
41*: Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Rubbleland.					
42*: Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Snell-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5
				Balsamroot-----	5
				Snowberry-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
43*:					
Cottle-----	025xy040i Shallow Stony 8-12" Ppt.	Favorable	600	Black sagebrush-----	50
		Normal	450	Thurber needlegrass-----	15
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Willhill-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
44*:					
Dehana-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	15
		Normal	1,200	Western wheatgrass-----	15
		Unfavorable	800	Mountain big sagebrush-----	15
				Mountain brome-----	10
				Snowberry-----	10
				Bluegrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Arrowleaf balsamroot-----	5
Nagitsy-----	025xy030i Mountain Brush 18-22" Ppt.	Favorable	2,200	Mountain snowberry-----	15
		Normal	1,500	Mountain big sagebrush-----	10
		Unfavorable	1,200	Slender wheatgrass-----	10
				Snowbrush ceanothus-----	10
				Bitter cherry-----	10
				Idaho fescue-----	5
				Indian paintbrush-----	5
				Mountain brome-----	5
				Nettleleaf giant hyssop-----	5
				Squaw currant-----	5
				Curlleaf mountainmahogany-----	5
45*:					
Deunah-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	35
		Normal	600	Alkali sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Nevada bluegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Yatahoney-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Needlegrass-----	5
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Tapertip hawksbeard-----	5
Lostvalley-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
46*: Diawell-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	35
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Twistedleaf rabbitbrush-----	5
McKeeth-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
47*: Dollarhide-----	025xy042i Mountain Ridge 14-18" Ppt.	Favorable	650	Idaho fescue-----	25
		Normal	550	Bluebunch wheatgrass-----	25
		Unfavorable	400	Mountain big sagebrush-----	10
				Tapertip hawksbeard-----	5
				Arrowleaf balsamroot-----	5
				Low sagebrush-----	5
Rock outcrop.					
48*: Doodlelink-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	10
		Unfavorable	800	Mountain snowberry-----	10
				Columbia needlegrass-----	10
				Mountain brome-----	10
				Bluebunch wheatgrass-----	5
				Antelope bitterbrush-----	5
				Arrowleaf balsamroot-----	5
Bregar-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Low sagebrush-----	20
		Unfavorable	125	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
49*: Doodlelink-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	10
		Unfavorable	800	Mountain snowberry-----	10
				Columbia needlegrass-----	10
				Mountain brome-----	10
				Bluebunch wheatgrass-----	5
				Antelope bitterbrush-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
49*:					
Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
Parkay-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	30
		Normal	450	Bitter cherry-----	20
		Unfavorable	300	Idaho fescue-----	5
				Bluebunch wheatgrass-----	5
				Mountain brome-----	5
				Mountain snowberry-----	5
				Mountain big sagebrush-----	5
				Nettleleaf giant hyssop-----	5
				Meadowrue-----	5
50*:					
Doodlelink-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	10
		Unfavorable	800	Mountain snowberry-----	10
				Columbia needlegrass-----	10
				Mountain brome-----	10
				Bluebunch wheatgrass-----	5
				Antelope bitterbrush-----	5
				Arrowleaf balsamroot-----	5
Snell-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5
				Balsamroot-----	5
				Snowberry-----	5
Parkay-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
51*:					
Dougal-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
Bruncan-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	35
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
52*:					
Dranyon-----	025xy029i Aspen Woodland 16+ Ppt.	Favorable	1,100	Mountain brome-----	15
		Normal	800	Bluegrass-----	10
		Unfavorable	500	Pine reedgrass-----	10
				Slender wheatgrass-----	10
				Snowberry-----	10
				Columbia needlegrass-----	5
				Geranium-----	5
				Cinquefoil-----	5
				Groundsel-----	5
				Quaking aspen-----	5
				Currant-----	5
Dehana-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	15
		Normal	1,200	Western wheatgrass-----	15
		Unfavorable	800	Mountain big sagebrush-----	15
				Mountain brome-----	10
				Snowberry-----	10
				Bluegrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Arrowleaf balsamroot-----	5
53*:					
Duco-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Antelope bitterbrush-----	5
Chinabutte-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Longleaf phlox-----	5
Dougal-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	30
		Normal	200	Bluebunch wheatgrass-----	15
		Unfavorable	125	Low sagebrush-----	15
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Idaho fescue-----	5
				Thurber needlegrass-----	5
54-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
Escalante		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Thurber needlegrass-----	10
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Sand dropseed-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
55*:					
Escalante-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Thurber needlegrass-----	10
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Sand dropseed-----	5
Tindahay-----	011xy017i Sandy 7-10" Ppt-----	Favorable	800	Indian ricegrass-----	45
		Normal	500	Fourwing saltbush-----	20
		Unfavorable	300	Needleandthread-----	5
				Bottlebrush squirreltail-----	5
				Scarlet globemallow-----	5
				Big sagebrush-----	5
Ornea-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
56*:					
Fairylawn-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Perla-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Idaho fescue-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Sandberg bluegrass-----	5
57*:					
Fairylawn-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Schnipper-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	50
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
58*:					
Foxmount-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curleaf mountainmahogany-----	30
		Normal	900	Idaho fescue-----	10
		Unfavorable	600	Mountain snowberry-----	10
				Western needlegrass-----	10
				Common chokecherry-----	5
				Bluegrass-----	5
				Mountain big sagebrush-----	5
				Phlox-----	5
				Mountain brome-----	5
Povey-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Columbia needlegrass-----	10
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain brome-----	5
				Bulbous oniongrass-----	5
Rubbleland.					
59*:					
Freshwater-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Idaho fescue-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
Larioscamp-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Western wheatgrass-----	5
				Sandberg bluegrass-----	5
				Idaho fescue-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Dishpan-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
60*:					
Fryingpan-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
60*:					
Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Nipintuck-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Letterman needlegrass-----	10
		Unfavorable	125	Low sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Phlox-----	5
				Eriogonum-----	5
				Antelope bitterbrush-----	5
61*:					
Fulcrum-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	15
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
62*:					
Gaib-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Idaho fescue-----	15
		Normal	900	Curleaf mountainmahogany-----	15
		Unfavorable	600	Arrowleaf balsamroot-----	10
				Western needlegrass-----	10
				Mountain snowberry-----	10
				Bluebunch wheatgrass-----	5
				Mountain big sagebrush-----	5
Wareagle-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Low Oregongrape-----	25
		Normal	850	Mountain snowberry-----	25
		Unfavorable	500	Elk sedge-----	10
				Pine reedgrass-----	5
				Heartleaf arnica-----	5
				Western yarrow-----	5
				Rocky Mountain Douglas fir-----	5
				Mountain big sagebrush-----	5
Rock outcrop.					

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
63*:					
Gooding-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	35
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Gariper-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	10
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
64-----	025xy028i Loamy Bottom 12-16" Goose Creek Ppt.	Favorable	1,600	Basin wildrye-----	20
		Normal	1,200	Sedge-----	20
		Unfavorable	800	Bluegrass-----	20
				Basin big sagebrush-----	20
				Rocky Mountain iris-----	5
65*:					
Graveya-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Spiny hopsage-----	5
Ratsnest-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bud sagebrush-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	5
Rock outcrop.					
66*:					
Graylock-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Mountain snowberry-----	30
		Normal	800	Low Oregongrape-----	25
		Unfavorable	500	Pine reedgrass-----	10
				Mountain brome-----	5
				Heartleaf arnica-----	5
				Geranium-----	5
				Douglas fir-----	5
Takeuchi-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
67*:					
Hades-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Mountain snowberry-----	10
				Columbia needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
68*:					
Hardtrigger-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Arbidge-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Indian ricegrass-----	5
				Tall green rabbitbrush-----	5
69*:					
Hardtrigger-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Bottlebrush squirreltail-----	10
				Needleandthread-----	10
				Sandberg bluegrass-----	5
				Phlox-----	5
				Spiny hopsage-----	5
Briabbit-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Needleandthread-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Littleleaf horsebrush-----	5
Tindahay-----	011xy017i Sandy 7-10" Ppt-----	Favorable	800	Indian ricegrass-----	45
		Normal	500	Fourwing saltbush-----	20
		Unfavorable	300	Needleandthread-----	5
				Bottlebrush squirreltail-----	5
				Scarlet globemallow-----	5
				Big sagebrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			Lb/acre		
70*:					
Hardtrigger-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
		Gray horsebrush-----	5		
Cottle-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
		Arrowleaf balsamroot-----	5		
Midraw-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	30
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
		Phlox-----	5		
71*:					
Hardtrigger-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Bottlebrush squirreltail-----	10
				Needleandthread-----	10
				Sandberg bluegrass-----	5
				Phlox-----	5
		Spiny hopsage-----	5		
Enko-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	35
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Needleandthread-----	10
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Globemallow-----	5
		Arrowleaf balsamroot-----	5		
72*:					
Hardtrigger-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Bottlebrush squirreltail-----	10
				Needleandthread-----	10
				Sandberg bluegrass-----	5
				Phlox-----	5
		Spiny hopsage-----	5		
Gariper-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	10
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
		Rabbitbrush-----	5		
Diawell-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	35
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
		Twistedleaf rabbitbrush-----	5		

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
73*:					
Hardtrigger-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Goose Creek-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	20
		Normal	1,200	Sedge-----	20
		Unfavorable	800	Bluegrass-----	20
				Basin big sagebrush-----	20
				Rocky Mountain iris-----	5
74*:					
Hardtrigger-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Scism-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Phlox-----	5
75*:					
Hardtrigger-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Snowmore-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Twistedleaf rabbitbrush-----	5
Vickery-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
76*:					
Hat-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
76*: Avtable-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
				Western juniper-----	5
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
			Arrowleaf balsamroot-----	5	
			Antelope bitterbrush-----	5	
77*: Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	20
		Normal	1,000	Letterman needlegrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Idaho fescue-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
			Western juniper-----	5	
Nagitsy-----	025xy030i Mountain Brush 18-22" Ppt.	Favorable	2,200	Mountain snowberry-----	15
		Normal	1,500	Mountain big sagebrush-----	10
		Unfavorable	1,200	Slender wheatgrass-----	10
				Snowbrush ceanothus-----	10
				Bitter cherry-----	10
				Idaho fescue-----	5
				Indian paintbrush-----	5
				Mountain brome-----	5
				Nettleleaf giant hyssop-----	5
			Squaw currant-----	5	
			Curleaf mountainmahogany-----	5	
Rock outcrop.					
78*: Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	20
		Normal	1,000	Letterman needlegrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Idaho fescue-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Western juniper-----	5
Rock outcrop.					

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
78*: Nipintuck-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Letterman needlegrass-----	10
		Unfavorable	125	Low sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Phlox-----	5
				Eriogonum-----	5
				Antelope bitterbrush-----	5
79*: Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Zecanyon-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Needlegrass-----	5
				Balsamroot-----	5
				Phlox-----	5
80*: Haw-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Bottlebrush squirreltail-----	5
				Wheatgrass-----	5
Renslow-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	20
		Normal	1,200	Bluegrass-----	20
		Unfavorable	800	Basin big sagebrush-----	20
				Sedge-----	15
				Western wheatgrass-----	5
				Lupine-----	5
81*: Heckison-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Foxtail wheatgrass-----	5
				Sandberg bluegrass-----	5
				Western wheatgrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Bigflat-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Western wheatgrass-----	5
				Balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
82*: Heckison-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Foxtail wheatgrass-----	5
				Sandberg bluegrass-----	5
				Western wheatgrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Freshwater-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Idaho fescue-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
83*: Heckison-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Foxtail wheatgrass-----	5
				Sandberg bluegrass-----	5
				Western wheatgrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Insidert-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Western wheatgrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Bigflat-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Western wheatgrass-----	5
				Balsamroot-----	5
84*: Hotcreek-----	025xy040i Shallow Stony 8-12" Ppt.	Favorable	600	Black sagebrush-----	45
		Normal	450	Thurber needlegrass-----	15
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
				Phlox-----	5
				Indian ricegrass-----	5
Troughs-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
85*:					
Hurryback-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Avable-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
				Western juniper-----	5
86*:					
Hurryback-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
87*:					
Igert-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Spiny hopsage-----	5
Willhill-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
87*: Hardtrigger-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
88*: Insidert-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Western wheatgrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Tanner-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	45
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
89*: Jumpcreek-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	45
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Gray horsebrush-----	5
Frenchjohn-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Bluebunch wheatgrass-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Idaho fescue-----	15
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Longleaf phlox-----	5
90*: Kanlee-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Ola-----	025xy022i Loamy 16+" Ppt----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Bluebunch wheatgrass-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
90*: Quicksilver-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curlleaf mountainmahogany-----	25
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Columbia needlegrass-----	10
				Western needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Snowberry-----	5
				Mountain big sagebrush-----	5
				Antelope bitterbrush-----	5
91*: Kanlee-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Poisoncreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Fleabane-----	5
Ola-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Bluebunch wheatgrass-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
92*: Kiyi-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain big sagebrush-----	10
				Mountain brome-----	5
				Columbia needlegrass-----	5
				Bulbous oniongrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Snowberry-----	5
Sharesnout-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
92*:					
Hades-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Mountain snowberry-----	10
				Columbia needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
93*:					
Larioscamp-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Western wheatgrass-----	5
				Sandberg bluegrass-----	5
				Idaho fescue-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Dishpan-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Brace-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Idaho fescue-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Tall green rabbitbrush-----	5
94*:					
Larioscamp-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Western wheatgrass-----	5
				Sandberg bluegrass-----	5
				Idaho fescue-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Freshwater-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Idaho fescue-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
95*:					
Longcreek-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	45
		Normal	550	Low sagebrush-----	30
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Hurryback-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Succor-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Bluebunch wheatgrass-----	25
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Idaho fescue-----	15
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Phlox-----	5
96*:					
Loomis-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	45
		Normal	200	Low sagebrush-----	15
		Unfavorable	125	Bluebunch wheatgrass-----	10
				Bottlebrush squirreltail-----	5
				Hooker balsamroot-----	5
				Biscuitroot-----	5
Fairylawn-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
97*:					
Loomis-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	45
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Haw-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	35
		Normal	600	Indian ricegrass-----	20
		Unfavorable	300	Bottlebrush squirreltail-----	10
				Bluebunch wheatgrass-----	5
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
98*:					
Lostvalley-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
98*: Budlewis-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
99*: Mackey-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Cottle-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
100*: McKeeth-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
Veta-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Phlox-----	5
				Spiny hopsage-----	5
101*: Merlin-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	20
				Phlox-----	5
				Sandberg bluegrass-----	5
				Fussy sagebrush-----	5
Lostvalley-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Chayson-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Idaho fescue-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
102*:					
Minveno-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail----	10
				Phlox-----	5
Roseworth-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
103*:					
Mollic					
Haploxeralfs----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	900	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Hooker balsamroot-----	5
Pachic Argixerolls	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
104*:					
Monasterio-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	30
		Normal	900	Idaho fescue-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
Chayson-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	25
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Budlewis-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
105*:					
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
105*: Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Saturday-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curleaf mountainmahogany----	20
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Mountain brome-----	10
				Mountain snowberry-----	10
				Western needlegrass-----	5
				Bluebunch wheatgrass-----	5
				Tapertip hawksbeard-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Mountain big sagebrush-----	5
106*: Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Thacker-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
107*: Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
108----- Mulshoe	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
		Sandberg bluegrass-----	5		
		Arrowleaf balsamroot-----	5		
109*: Mulshoe-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
		Sandberg bluegrass-----	5		
		Arrowleaf balsamroot-----	5		
Squawcreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
		Balsamroot-----	5		
Gaib-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Idaho fescue-----	15
		Normal	900	Curlleaf mountainmahogany-----	15
		Unfavorable	600	Arrowleaf balsamroot-----	10
				Western needlegrass-----	10
				Mountain snowberry-----	10
				Bluebunch wheatgrass-----	5
		Mountain big sagebrush-----	5		
110*: Nagitsy-----	025xy042i Mountain Ridge 14-18" Ppt.	Favorable	450	Idaho fescue-----	25
		Normal	325	Low sagebrush-----	20
		Unfavorable	200	Bluebunch wheatgrass-----	10
				Sandberg bluegrass-----	10
				Phlox-----	10
				Indian paintbrush-----	5
		Mountain big sagebrush-----	5		
Rock outcrop.					
Parkay-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
		Antelope bitterbrush-----	5		
		Mountain snowberry-----	5		
111*: Nazaton-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Common snowberry-----	35
		Normal	800	Low Oregongrape-----	25
		Unfavorable	500	Mountain brome-----	10
				Pine reedgrass-----	5
				Elk sedge-----	5
				Rose-----	5
		Heartleaf arnica-----	5		
		Western yarrow-----	5		

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
111*:					
Naz-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Snowberry-----	30
		Normal	800	Low Oregongrape-----	20
		Unfavorable	500	Mountain brome-----	10
				Pine reedgrass-----	5
				Douglas fir-----	5
				Western yarrow-----	5
112*:					
Nipintuck-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Letterman needlegrass-----	10
		Unfavorable	125	Low sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Phlox-----	5
				Eriogonum-----	5
				Antelope bitterbrush-----	5
Rock outcrop.					
113*:					
Nipintuck-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Letterman needlegrass-----	10
		Unfavorable	125	Low sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Phlox-----	5
				Eriogonum-----	5
				Antelope bitterbrush-----	5
Squawcreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Rock outcrop.					
114*:					
Northcastle-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	20
		Normal	900	Bluebunch wheatgrass-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Needlegrass-----	5
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Bluecreek-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Bluebunch wheatgrass-----	15
				Nevada bluegrass-----	5
				Lupine-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
114*:					
Yatahoney-----	025xy014i Clayey 12-15" Ppt---	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Needlegrass-----	5
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Tapertip hawksbeard-----	5
115*:					
Northcastle-----	025xy024i Loamy 12-16" Ppt---	Favorable	1,300	Idaho fescue-----	20
		Normal	900	Bluebunch wheatgrass-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Needlegrass-----	5
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Wagonbox-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	800	Idaho fescue-----	30
		Normal	500	Alkali sagebrush-----	20
		Unfavorable	300	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Fryingpan-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
116*:					
Ola-----	025xy012i Loamy 13-16" Ppt---	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Earcree-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Lupine-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
				Bulbous oniongrass-----	5
				Mountain brome-----	5
117*:					
Orovada-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	5
				Spiny hopsage-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
117*: Roseworth-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Wholan-----	011xy009i Silty 7-10" Ppt-----	Favorable	800	Winterfat-----	50
		Normal	600	Indian ricegrass-----	15
		Unfavorable	300	Bud sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
118*: Owsel-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Coonskin-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
Orovada-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	5
				Spiny hopsage-----	5
				Phlox-----	5
119----- Parkay	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
120*: Parkay-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
Bregar-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Low sagebrush-----	20
		Unfavorable	125	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
121*:					
Parkay-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
Dehana-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	25
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Bluegrass-----	5
				Mountain brome-----	5
				Idaho fescue-----	5
				Western wheatgrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Nettleleaf giant hyssop-----	5
				Mountain big sagebrush-----	5
				Snowberry-----	5
122*:					
Parkay-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
Dehana-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	25
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Bluegrass-----	5
				Mountain brome-----	5
				Idaho fescue-----	5
				Western wheatgrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Nettleleaf giant hyssop-----	5
				Mountain big sagebrush-----	5
				Snowberry-----	5
Booneville-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Mountain snowberry-----	30
		Normal	850	Low Oregonrape-----	20
		Unfavorable	500	Elk sedge-----	10
				Mountain brome-----	5
				Heartleaf arnica-----	5
				Western yarrow-----	5
				Rocky Mountain Douglas fir----	5
				Mountain big sagebrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
123*: Parkay-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
Povey-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Columbia needlegrass-----	10
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain brome-----	5
				Bulbous oniongrass-----	5
		124*: Parkay-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800
Normal	1,200			Bluebunch wheatgrass-----	10
Unfavorable	800			Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
Wickahoney-----	025xy010i Shallow-Claypan 12-16 Ppt.			Favorable	850
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
		Phlox-----	5		
125----- Paynecreek	025xy024i Loamy 12-16 Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Idaho fescue-----	15
				Bluegrass-----	10
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
		Tapertip hawksbeard-----	5		
		Rabbitbrush-----	5		
125*: Paynecreek-----	025xy012i Loamy 13-16 Ppt-----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Barkley-----	025xy012i Loamy 13-16 Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
126*: Chayson-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	25
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
127*: Paynecreek-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Idaho fescue-----	15
				Bluegrass-----	10
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Rabbitbrush-----	5
Northcastle-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	20
		Normal	900	Bluebunch wheatgrass-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Needlegrass-----	5
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
128*: Paynecreek-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Northcastle-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	20
		Normal	900	Bluebunch wheatgrass-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Needlegrass-----	5
				Basin wildrye-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Blackwell-----	025xy039i Semi-Wet Meadow-----	Favorable	3,000	Sedge-----	25
		Normal	2,000	Slender wheatgrass-----	15
		Unfavorable	1,500	Tufted hairgrass-----	15
				Nevada bluegrass-----	10
				Willow-----	5
				Baltic rush-----	5
				Northwest cinquefoil-----	5
129*: Perla-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Idaho fescue-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Sandberg bluegrass-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
129*: Ruclick-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	15
		Unfavorable	600	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Gray horsebrush-----	5
132*: Pixley-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Barkley-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
133*: Playas.					
Duric Natrargids--	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	150	Shadscale-----	20
		Normal	75	Indian ricegrass-----	15
		Unfavorable	25	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	10
				Bud sagebrush-----	10
				Inland saltgrass-----	5
				Hood phlox-----	5
				Pepperweed-----	5
				Winterfat-----	5
134*: Plush-----	025xy006i South Slope Stony 10-13" Ppt.	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	700	Wyoming big sagebrush-----	25
		Unfavorable	450	Sandberg bluegrass-----	10
				Phlox-----	5
				Spiny hopsage-----	5
Rubbleland.					
Rock outcrop.					
135*: Poisoncreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Fleabane-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
135*: Kanlee-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
136*: Poisoncreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Fleabane-----	5
Kanlee-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Bauscher-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
137*: Povey-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	35
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Mountain snowberry-----	5
				Idaho fescue-----	5
				Bluebunch wheatgrass-----	5
				Common chokecherry-----	5
				Slender wheatgrass-----	5
Dehana-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	25
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Bluegrass-----	5
				Mountain brome-----	5
				Idaho fescue-----	5
				Western wheatgrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Nettleleaf giant hyssop-----	5
				Mountain big sagebrush-----	5
				Snowberry-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
138*: Povey-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Columbia needlegrass-----	10
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain brome-----	5
				Bulbous oniongrass-----	5
Earcree-----	025xy022i Loamy 16+ Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Lupine-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
				Bulbous oniongrass-----	5
				Mountain brome-----	5
139*: Povey-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	35
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Mountain snowberry-----	5
				Idaho fescue-----	5
				Bluebunch wheatgrass-----	5
				Common chokecherry-----	5
				Slender wheatgrass-----	5
Nagitsy-----	025xy037i Ceonothus Thicket 16-24" Ppt.	Favorable	4,000	Snowbrush ceanothus-----	60
		Normal	3,000	Indian paintbrush-----	5
		Unfavorable	2,000	Mountain big sagebrush-----	5
				Mountain brome-----	5
				Nettleleaf giant hyssop-----	5
				Mountain snowberry-----	5
				Bitter cherry-----	5
140*: Quicksilver-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curlleaf mountainmahogany-----	25
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Columbia needlegrass-----	10
				Western needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Snowberry-----	5
				Mountain big sagebrush-----	5
				Antelope bitterbrush-----	5
Takeuchi-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Rock outcrop.					

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
141*:					
Ratsnest-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bud sagebrush-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	5
Ornea-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
142*:					
Roca-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Freshwater-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Idaho fescue-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
				Rabbitbrush-----	5
143*:					
Rock outcrop.					
Xerollic					
Haplargids-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
144*:					
Rubbleland.					
Rock outcrop.					
Pachic Argixerolls	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
145*:					
Salisbury-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Longleaf phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
145*: Gacey-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	800	Bluebunch wheatgrass-----	45
		Normal	550	Low sagebrush-----	30
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Barnard-----	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	45
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Sandberg bluegrass-----	5
				Idaho fescue-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
146*: Saturday-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curleaf mountainmahogany----	20
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Mountain brome-----	10
				Mountain snowberry-----	10
				Western needlegrass-----	5
				Bluebunch wheatgrass-----	5
				Tapertip hawksbeard-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Mountain big sagebrush-----	5
Mulshoe-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
147, 148----- Scism	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Phlox-----	5
149*: Scism-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Phlox-----	5
Coonskin-----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
150*: Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
150*: Bregar-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Low sagebrush-----	20
		Unfavorable	125	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
151*: Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
Bregar-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Low sagebrush-----	20
		Unfavorable	125	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Coser-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Bluebunch wheatgrass-----	20
		Normal	600	Idaho fescue-----	20
		Unfavorable	400	Low sagebrush-----	20
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
152*: Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
Budlewis-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
153*: Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
153*: Coser-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Bluebunch wheatgrass-----	20
		Normal	600	Idaho fescue-----	20
		Unfavorable	400	Low sagebrush-----	20
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
			Arrowleaf balsamroot-----	5	
Threek-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
			Tapertip hawksbeard-----	5	
154*: Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
			Antelope bitterbrush-----	5	
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
			Antelope bitterbrush-----	5	
Pixley-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
			Balsamroot-----	5	
155----- Shoofly	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
			Sandberg bluegrass-----	5	
156*: Snell-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5
				Balsamroot-----	5
			Snowberry-----	5	

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
156*: Kiyi-----	025xy022i Loamy 16+\" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain big sagebrush-----	10
				Mountain brome-----	5
				Columbia needlegrass-----	5
				Bulbous oniongrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Snowberry-----	5
157*: Snell-----	025xy012i Loamy 13-16\" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5
				Balsamroot-----	5
				Snowberry-----	5
Sharesnout-----	025xy010i Shallow-Claypan 12-16\" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
158*: Snowmore-----	011xy003i Loamy 7-10\" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Twistedleaf rabbitbrush-----	5
Igert-----	025xy019i Loamy 10-13\" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Spiny hopsage-----	5
Bruncan-----	025xy019i Loamy 10-13\" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	20
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
159*: Snowmore-----	011xy003i Loamy 7-10\" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Twistedleaf rabbitbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
159*: Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
160*: Snowmore-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
Willhill-----	025xy019i Loamy 10-13" Ppt-----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
161*: Southmount-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Mountain snowberry-----	30
		Normal	850	Low Oregongrape-----	20
		Unfavorable	500	Elk sedge-----	10
				Bulbous oniongrass-----	5
				Heartleaf arnica-----	5
				Western yarrow-----	5
				Rocky Mountain Douglas fir-----	5
				Mountain big sagebrush-----	5
Booneville-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Mountain snowberry-----	30
		Normal	850	Low Oregongrape-----	20
		Unfavorable	500	Elk sedge-----	10
				Mountain brome-----	5
				Heartleaf arnica-----	5
				Western yarrow-----	5
				Rocky Mountain Douglas fir-----	5
				Mountain big sagebrush-----	5
162*: Squawcreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Avtable-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
				Western juniper-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Compo- sition
		Kind of year	Dry weight		
			Lb/acre		Pct
162*: Wagonbox-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
163*: Squawcreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
164*: Squawcreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Phlox-----	5
				Balsamroot-----	5
Zecanyon-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Basin wildrye-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
165*: Strickland-----	025xy030i Mountain Brush 18-22" Ppt.	Favorable	2,200	Mountain big sagebrush-----	25
		Normal	1,500	Mountain snowberry-----	15
		Unfavorable	1,200	Slender wheatgrass-----	10
				Mountain brome-----	10
				Serviceberry-----	5
				Squaw currant-----	5
				Nettleleaf giant hyssop-----	5
				Geranium-----	5
				Quaking aspen-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
165*:					
Dehana-----	025xy001i Aspen Thicket 16-22" Ppt.	Favorable	600	Quaking aspen-----	25
		Normal	450	Bitter cherry-----	15
		Unfavorable	300	Bluegrass-----	5
				Mountain brome-----	5
				Idaho fescue-----	5
				Western wheatgrass-----	5
				Bulbous oniongrass-----	5
				Lupine-----	5
				Nettleleaf giant hyssop-----	5
				Mountain big sagebrush-----	5
				Snowberry-----	5
Parkay-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
166*:					
Succor-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Bluebunch wheatgrass-----	25
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Idaho fescue-----	15
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Phlox-----	5
Gooding-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	35
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
Deshler-----	025xy024i Loamy 12-16" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Basin big sagebrush-----	15
				Antelope bitterbrush-----	10
				Arrowleaf balsamroot-----	5
				Eriogonum-----	5
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
167-----					
Sugarcreek	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
168*:					
Takeuchi-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Mountain snowberry-----	15
		Normal	900	Curlleaf mountainmahogany----	15
		Unfavorable	600	Idaho fescue-----	10
				Western needlegrass-----	10
				Mountain brome-----	10
				Arrowleaf balsamroot-----	10
				Mountain big sagebrush-----	10
				Sandberg bluegrass-----	5
Earcree-----	025xy022i Loamy 16+* Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Lupine-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5
				Bulbous oniongrass-----	5
				Mountain brome-----	5
Rock outcrop.					
169*:					
Takeuchi-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Kanlee-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Poisoncreek-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Sandberg bluegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Fleabane-----	5
170*:					
Takeuchi-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
170*: Quicksilver-----	025xy018i Mahogany Savanna 16-22" Ppt.	Favorable	1,300	Curleaf mountainmahogany-----	25
		Normal	900	Idaho fescue-----	15
		Unfavorable	600	Columbia needlegrass-----	10
				Western needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Snowberry-----	5
				Mountain big sagebrush-----	5
				Antelope bitterbrush-----	5
171----- Tanner	025xy043i Loamy 11-13" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	45
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Needlegrass-----	5
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5
			Arrowleaf balsamroot-----	5	
172*: Tanner-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	45
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
			Phlox-----	5	
Dishpan-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
			Phlox-----	5	
173*: Thacker-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
			Phlox-----	5	
Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
			Sandberg bluegrass-----	5	
			Phlox-----	5	
Bigflat-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Western wheatgrass-----	5
			Balsamroot-----	5	
174*: Thacker-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
			Phlox-----	5	

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
174*:					
Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,000	Idaho fescue-----	40
		Normal	700	Bluebunch wheatgrass-----	15
		Unfavorable	400	Low sagebrush-----	15
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Bluegrass-----	5
Sharesnout-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,050	Idaho fescue-----	25
		Normal	750	Bluebunch wheatgrass-----	20
		Unfavorable	500	Low sagebrush-----	20
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
				Balsamroot-----	5
				Antelope bitterbrush-----	5
175*:					
Thacker-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
Monasterio-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Cleavage-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	1,000	Idaho fescue-----	40
		Normal	700	Bluebunch wheatgrass-----	15
		Unfavorable	400	Low sagebrush-----	15
				Bottlebrush squirreltail-----	5
				Balsamroot-----	5
				Bluegrass-----	5
176*:					
Threek-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
Barkley-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
176*: Blackleg-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Bluegrass-----	5
				Bottlebrush squirreltail-----	5
177*: Threek-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
			Antelope bitterbrush-----	5	
Blackleg-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	20
		Normal	600	Low sagebrush-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
				Bluegrass-----	5
				Bottlebrush squirreltail-----	5
Hatpeak-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	30
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
178*: Tindahay-----	011xy017i Sandy 7-10" Ppt----	Favorable	800	Indian ricegrass-----	45
		Normal	500	Fourwing saltbush-----	20
		Unfavorable	300	Needleandthread-----	5
				Bottlebrush squirreltail-----	5
				Scarlet globemallow-----	5
				Big sagebrush-----	5
Royal-----	011xy014i Sandy Loam 8-12" Ppt	Favorable	900	Wyoming big sagebrush-----	30
		Normal	600	Indian ricegrass-----	20
		Unfavorable	350	Thurber needlegrass-----	10
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
				Phlox-----	5
			Sand dropseed-----	5	
Badlands.					

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
179*: Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
Arbidge-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Indian ricegrass-----	5
				Tall green rabbitbrush-----	5
180*: Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
Jenor-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Bottlebrush squirreltail-----	10
				Thurber needlegrass-----	10
				Sandberg bluegrass-----	5
Laped-----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	20
		Normal	500	Indian ricegrass-----	15
		Unfavorable	250	Bud sagebrush-----	15
				Winterfat-----	15
				Bottlebrush squirreltail-----	10
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
181*: Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
Owsel-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
182*: Troughs-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	25
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
				Arrowleaf balsamroot-----	5
Sugarcreek-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Spiny hopsage-----	5
183*: Tucker-----	025xy039i Semi-Wet Meadow-----	Favorable	3,000	Bluegrass-----	25
		Normal	2,000	Sedge-----	25
		Unfavorable	1,500	Slender wheatgrass-----	10
				Basin wildrye-----	5
				Cinquefoil-----	5
				Clover-----	5
				Silver sagebrush-----	5
				Rush-----	5
Zola-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	25
		Normal	1,200	Basin big sagebrush-----	20
		Unfavorable	800	Bluegrass-----	15
				Sedge-----	15
				Bluebunch wheatgrass-----	5
				Rocky Mountain iris-----	5
184*: Typic Haploxerolls	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	25
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Pachic Argixerolls	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Badlands.					
185*: Typic Torripsamments---	011xy017i Sandy 7-10" Ppt-----	Favorable	800	Indian ricegrass-----	40
		Normal	800	Fourwing saltbush-----	20
		Unfavorable	300	Big sagebrush-----	20
				Needleandthread-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
185*: Typic Torrifluvents----	011xy017i Sandy 7-10" Ppt-----	Favorable	800	Indian ricegrass-----	40
		Normal	500	Fourwing saltbush-----	20
		Unfavorable	300	Big sagebrush-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Spiny hopsage-----	5
186*: Typic Torripsammets----	011xy017i Sandy 7-10" Ppt-----	Favorable	800	Indian ricegrass-----	40
		Normal	800	Fourwing saltbush-----	20
		Unfavorable	300	Big sagebrush-----	20
				Needleandthread-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
Typic Torriorthents----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Fourwing saltbush-----	5
187*: Upcreek-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	2,000	Sedge-----	25
		Normal	1,500	Bluegrass-----	25
		Unfavorable	1,000	Wheatgrass-----	10
				Basin big sagebrush-----	10
				Basin wildrye-----	5
				Common yarrow-----	5
				Rocky Mountain iris-----	5
Riverwash.					
188*: Vickery-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Thurber needlegrass-----	30
		Normal	650	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Bottlebrush squirreltail-----	5
				Spiny hopsage-----	5
Snowmore-----	011xy003i Loamy 7-10" Ppt-----	Favorable	900	Wyoming big sagebrush-----	35
		Normal	650	Thurber needlegrass-----	30
		Unfavorable	400	Sandberg bluegrass-----	10
				Bottlebrush squirreltail-----	10
				Twistedleaf rabbitbrush-----	5
189*: Vipont-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Arrowleaf balsamroot-----	5
				Sandberg bluegrass-----	5
				Antelope bitterbrush-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
189*: Bauscher-----	025xy022i Loamy 16+'' Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain big sagebrush-----	10
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Bulbous oniongrass-----	5
				Arrowleaf balsamroot-----	5
				Western needlegrass-----	5
190----- Vitale	025xy012i Loamy 13-16'' Ppt-----	Favorable	1,500	Idaho fescue-----	35
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
191*: Vitale-----	025xy012i Loamy 13-16'' Ppt-----	Favorable	1,500	Idaho fescue-----	35
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Cleavage-----	025xy010i Shallow-Claypan 12-16'' Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Phlox-----	5
Bauscher-----	025xy022i Loamy 16+'' Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain big sagebrush-----	10
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Bulbous oniongrass-----	5
				Arrowleaf balsamroot-----	5
				Western needlegrass-----	5
192*: Vitale-----	025xy010i Shallow-Claypan 12-16'' Ppt.	Favorable	950	Idaho fescue-----	35
		Normal	600	Bluebunch wheatgrass-----	25
		Unfavorable	400	Low sagebrush-----	25
				Sandberg bluegrass-----	5
Itca-----	025xy010i Shallow-Claypan 12-16'' Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	20
				Antelope bitterbrush-----	5
				Sandberg bluegrass-----	5
				Letterman needlegrass-----	5
				Lupine-----	5
Rubbleland.					

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
193*: Vitale-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	35
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Mulshoe-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
Itca-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	20
				Antelope bitterbrush-----	5
				Sandberg bluegrass-----	5
				Letterman needlegrass-----	5
				Lupine-----	5
194*: Vitale-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	35
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	20
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Rock outcrop.					
195*: Wagonbox-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Deunah-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	35
		Normal	600	Alkali sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Nevada bluegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Hatpeak-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Idaho fescue-----	30
		Normal	900	Bluebunch wheatgrass-----	25
		Unfavorable	600	Basin big sagebrush-----	20
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Compo- sition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
196*:					
Wareagle-----	025xy045i Douglas Fir Woodland 22-32" Ppt.	Favorable	1,000	Low Oregongrape-----	25
		Normal	850	Mountain snowberry-----	25
		Unfavorable	500	Elk sedge-----	10
				Pine reedgrass-----	5
				Heartleaf arnica-----	5
				Western yarrow-----	5
				Rocky Mountain Douglas fir---	5
				Mountain big sagebrush-----	5
Povey-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	15
		Unfavorable	800	Columbia needlegrass-----	10
				Bluebunch wheatgrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain brome-----	5
				Bulbous oniongrass-----	5
197*:					
Weash-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	15
		Unfavorable	600	Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Indian ricegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
Ruclick-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	15
		Unfavorable	600	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Phlox-----	5
				Gray horsebrush-----	5
198*:					
Weash-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	40
		Normal	900	Basin big sagebrush-----	15
		Unfavorable	600	Antelope bitterbrush-----	10
				Sandberg bluegrass-----	5
				Indian ricegrass-----	5
				Thurber needlegrass-----	5
				Phlox-----	5
Schnipper-----	025xy043i Loamy 11-13" Ppt-----	Favorable	1,300	Bluebunch wheatgrass-----	50
		Normal	900	Basin big sagebrush-----	20
		Unfavorable	600	Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
199-----	025xy039i Semi-Wet Meadow-----	Favorable	3,000	Sedge-----	30
Welch		Normal	2,000	Big bluegrass-----	30
		Unfavorable	1,500	Rush-----	10
				Western wheatgrass-----	10
				Northern barley-----	5
				Clover-----	5
				Cinquefoil-----	5
				Nevada bluegrass-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
200*: Welch-----	025xy039i Semi-Wet Meadow----	Favorable	3,000	Sedge-----	30
		Normal	2,000	Big bluegrass-----	30
		Unfavorable	1,500	Rush-----	10
				Western wheatgrass-----	10
				Northern barley-----	5
				Clover-----	5
				Cinquefoil-----	5
				Nevada bluegrass-----	5
Upcreek-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	2,000	Sedge-----	25
		Normal	1,500	Bluegrass-----	25
		Unfavorable	1,000	Wheatgrass-----	10
				Basin big sagebrush-----	10
				Basin wildrye-----	5
				Common yarrow-----	5
				Rocky Mountain iris-----	5
201*: Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Blackleg-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Bluebunch wheatgrass-----	30
		Normal	1,000	Idaho fescue-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Antelope bitterbrush-----	10
				Nevada bluegrass-----	5
				Arrowleaf balsamroot-----	5
Thacker-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	30
		Normal	600	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
202*: Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Budlewis-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Idaho fescue-----	25
		Normal	650	Low sagebrush-----	25
		Unfavorable	400	Bluebunch wheatgrass-----	20
				Sandberg bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
203*:					
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Doodlelink-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	30
		Normal	1,200	Mountain big sagebrush-----	10
		Unfavorable	800	Mountain snowberry-----	10
				Columbia needlegrass-----	10
				Mountain brome-----	10
				Bluebunch wheatgrass-----	5
				Antelope bitterbrush-----	5
				Arrowleaf balsamroot-----	5
204*:					
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Monasterio-----	025xy012i Loamy 13-16" Ppt-----	Favorable	1,500	Idaho fescue-----	30
		Normal	1,000	Bluebunch wheatgrass-----	20
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
				Antelope bitterbrush-----	5
Yatahoney-----	025xy014i Clayey 12-15" Ppt---	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Needlegrass-----	5
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Tapertip hawksbeard-----	5
205*:					
Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Parkay-----	025xy022i Loamy 16+" Ppt-----	Favorable	1,800	Idaho fescue-----	35
		Normal	1,200	Bluebunch wheatgrass-----	10
		Unfavorable	800	Mountain brome-----	10
				Mountain big sagebrush-----	10
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
				Mountain snowberry-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
205*: Bregar-----	025xy044i Very Shallow Stony Loam 10-14" Ppt.	Favorable	300	Sandberg bluegrass-----	40
		Normal	200	Low sagebrush-----	20
		Unfavorable	125	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
206*: Wickahoney-----	025xy015i Stony Clayey 12-16" Ppt.	Favorable	800	Idaho fescue-----	25
		Normal	500	Alkali sagebrush-----	20
		Unfavorable	300	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
				Low sagebrush-----	5
				Bottlebrush squirreltail-----	5
Wagonbox-----	025xy015i Stony Clayey 12-16" Ppt.	Favorable	800	Idaho fescue-----	30
		Normal	500	Alkali sagebrush-----	20
		Unfavorable	300	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Bottlebrush squirreltail-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Rubbleland.					
207*: Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
Zecanyon-----	025xy014i Clayey 12-15" Ppt---	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Bluegrass-----	5
				Needlegrass-----	5
				Balsamroot-----	5
				Phlox-----	5
208*: Wickahoney-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	850	Idaho fescue-----	35
		Normal	600	Low sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Bluegrass-----	5
				Needlegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
208*: Zecanyon-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Needlegrass-----	5
				Balsamroot-----	5
				Phlox-----	5
Hat-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Sandberg bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
				Antelope bitterbrush-----	5
209*: Willhill-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Bedstead-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	40
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Idaho fescue-----	5
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Longleaf phlox-----	5
210*: Willhill-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Cottle-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
211*: Willhill-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	35
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Cottle-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry weight		
			Lb/acre		Pct
211*: Longcreek-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	30
		Unfavorable	400	Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
				Thurber needlegrass-----	5
212*: Xeric Torriorthents----	011xy003i Loamy 7-10" Ppt----	Favorable	900	Wyoming big sagebrush-----	30
		Normal	650	Thurber needlegrass-----	25
		Unfavorable	400	Bottlebrush squirreltail-----	10
				Sandberg bluegrass-----	10
				Arrowleaf balsamroot-----	5
				Spiny hopsage-----	5
Typic Torriorthents----	011xy010i Calcareous Loam 7-10" Ppt.	Favorable	700	Shadscale-----	25
		Normal	500	Bud sagebrush-----	20
		Unfavorable	250	Indian ricegrass-----	15
				Thurber needlegrass-----	10
				Bottlebrush squirreltail-----	5
				Sandberg bluegrass-----	5
				Fourwing saltbush-----	5
Badlands.					
213*: Xerollic Haplargids-----	025xy019i Loamy 10-13" Ppt----	Favorable	1,100	Bluebunch wheatgrass-----	40
		Normal	750	Wyoming big sagebrush-----	25
		Unfavorable	400	Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Arrowleaf balsamroot-----	5
Xerollic Paleargids-----	025xy048i Shallow-Claypan 11-13" Ppt.	Favorable	800	Bluebunch wheatgrass-----	35
		Normal	550	Low sagebrush-----	25
		Unfavorable	300	Sandberg bluegrass-----	10
				Idaho fescue-----	5
				Phlox-----	5
				Arrowleaf balsamroot-----	5
Rubbleland.					
214*: Yatahoney-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	30
		Normal	600	Alkali sagebrush-----	20
		Unfavorable	350	Bluebunch wheatgrass-----	15
				Needlegrass-----	5
				Bluegrass-----	5
				Hooker balsamroot-----	5
				Tapertip hawksbeard-----	5

See footnote at end of table.

Table 5.--Rangeland and Grazeable Woodland Productivity and Characteristic Plant Communities--Continued

Soil name and map symbol	Range site	Total production		Characteristic vegetation	Composition
		Kind of year	Dry		
			weight		
			Lb/acre		Pct
214*: Nicholflat-----	025xy010i Shallow-Claypan 12-16" Ppt.	Favorable	950	Low sagebrush-----	25
		Normal	600	Idaho fescue-----	20
		Unfavorable	400	Bluebunch wheatgrass-----	15
				Thurber needlegrass-----	5
				Sandberg bluegrass-----	5
				Bottlebrush squirreltail-----	5
				Phlox-----	5
				Balsamroot-----	5
215*: Yatahoney-----	025xy024i Loamy 12-16" Ppt----	Favorable	1,300	Bluebunch wheatgrass-----	25
		Normal	900	Idaho fescue-----	20
		Unfavorable	600	Basin big sagebrush-----	20
				Needlegrass-----	5
				Bluegrass-----	5
				Arrowleaf balsamroot-----	5
				Tapertip hawksbeard-----	5
Zecanyon-----	025xy012i Loamy 13-16" Ppt----	Favorable	1,500	Idaho fescue-----	25
		Normal	1,000	Bluebunch wheatgrass-----	25
		Unfavorable	700	Mountain big sagebrush-----	15
				Bluegrass-----	5
				Balsamroot-----	5
				Needlegrass-----	5
				Phlox-----	5
Deunah-----	025xy014i Clayey 12-15" Ppt----	Favorable	950	Idaho fescue-----	35
		Normal	600	Alkali sagebrush-----	25
		Unfavorable	350	Bluebunch wheatgrass-----	10
				Nevada bluegrass-----	5
				Hooker balsamroot-----	5
				Phlox-----	5
216*: Zola-----	025xy028i Loamy Bottom 12-16" Ppt.	Favorable	1,600	Basin wildrye-----	25
		Normal	1,200	Basin big sagebrush-----	20
		Unfavorable	800	Bluegrass-----	15
				Sedge-----	15
				Bluebunch wheatgrass-----	5
				Rocky Mountain iris-----	5
Welch-----	025xy039i Semi-Wet Meadow----	Favorable	3,000	Sedge-----	30
		Normal	2,000	Big bluegrass-----	30
		Unfavorable	1,500	Rush-----	10
				Western wheatgrass-----	10
				Northern barley-----	5
				Clover-----	5
				Cinquefoil-----	5
				Nevada bluegrass-----	5

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 6.--Building Site Development

(Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry indicates that the soil was not rated. The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
1*: Acrelane-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
2----- Alzola	Severe: cutbanks cave.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: large stones.
3*: Alzola-----	Severe: cutbanks cave.	Moderate: slope, large stones.	Moderate: slope, large stones.	Severe: slope.	Moderate: slope, large stones.
Troughs-----	Severe: cemented pan, slope.	Severe: slope, cemented pan.	Severe: cemented pan, slope.	Severe: slope, cemented pan.	Severe: cemented pan, slope.
Bigflat-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
4*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
Buncelvoir-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Slight.
Chilcott-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.
5*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
Chilcott-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.
6*: Arbidge-----	Severe: cutbanks cave.	Moderate: slope.	Moderate: cemented pan, slope.	Severe: slope.	Moderate: slope.
Heckison-----	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope.	Moderate: depth to rock, cemented pan, slope.
7*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
7*: Hunnton-----	Severe: cemented pan, cutbanks cave.	Severe: shrink-swell.	Severe: cemented pan.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
8*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
Laped-----	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: cemented pan.
Slickspots.					
9*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
Owsel-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Slight.
Gariper-----	Moderate: too clayey, slope.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
10*: Arness-----	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.
Humdun-----	Slight-----	Slight-----	Slight-----	Slight-----	Moderate: frost action.
11*: Babington-----	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
Beetville-----	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.
12*: Babington-----	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
Piline-----	Severe: cutbanks cave, ponding.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: shrink-swell, low strength, ponding.
13*: Badlands.					
Typic Torriorthents---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Xeric Torriorthents---	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
14*:					
Bauscher-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Bauscher-----	Moderate: slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Moderate: shrink-swell, slope, frost action.
Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
15*:					
Bedstead-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
16*:					
Bieber-----	Severe: cemented pan.	Severe: shrink-swell, cemented pan.	Severe: cemented pan.	Severe: shrink-swell, slope, cemented pan.	Severe: cemented pan, shrink-swell, low strength.
Hurryback-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
17*:					
Blackleg-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Northcastle-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
18*:					
Blackleg-----	Severe: cemented pan, slope.	Severe: shrink-swell, slope.	Severe: cemented pan, slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
Threek-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
19-----					
Bluecreek	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan, frost action.
20*:					
Booford-----	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
20*: Barkley-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
21*: Booford-----	Moderate: depth to rock, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Blackleg-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
22*: Boulder Lake----	Severe: cutbanks cave, ponding.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: shrink-swell, low strength, ponding.
Yatahoney-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
23*: Brace-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
24*: Briabbit-----	Moderate: depth to rock, slope.	Moderate: slope.	Moderate: depth to rock, slope.	Severe: slope.	Moderate: slope.
Murphill-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
25----- Bruncan	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
26*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
27*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
27*: Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
Buncelvoir-----	Slight-----	Slight-----	Slight-----	Slight-----	Slight.
28*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Jenor-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
29*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Laped-----	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: cemented pan.
30*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Minveno-----	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, cemented pan.	Severe: cemented pan.
31*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
32*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
33*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
Midraw-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, cemented pan.	Severe: depth to rock, cemented pan.	Severe: shrink-swell, cemented pan.	Severe: cemented pan, shrink-swell, low strength.
34*:					
Brunzell-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Doodlelink-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Threek-----	Severe: cutbanks cave.	Moderate: shrink-swell, slope, large stones.	Moderate: slope, large stones.	Severe: slope.	Moderate: shrink-swell, slope, frost action.
35*:					
Catchell-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
Longcreek-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, low strength.
36*:					
Chayson-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
Merlin-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
37*:					
Chilcott-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Igert-----	Severe: depth to rock.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
38*:					
Chilcott-----	Severe: cemented pan, cutbanks cave.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
38*: Lamonta-----	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.
39*: Chinabutte-----	Severe: depth to rock, large stones, slope.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.
Alibi-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
40*: Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Avtable-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
41*: Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Rubbleland.					
42*: Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Snell-----	Severe: depth to rock, large stones, slope.	Severe: shrink-swell, slope, large stones.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, large stones.	Severe: shrink-swell, low strength, slope.
43*: Cottle-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
44*: Dehana-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Moderate: frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
44*: Nagitsy-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
45*: Deunah-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Yatahoney-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
Lostvalley-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
46*: Diawell-----	Severe: cemented pan, cutbanks cave.	Moderate: slope, cemented pan.	Severe: cemented pan.	Severe: slope.	Moderate: cemented pan, slope.
McKeeth-----	Severe: cutbanks cave.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: large stones.
47*: Dollarhide-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Rock outcrop.					
48*: Doodlelink-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Bregar-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
49*: Doodlelink-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Sharesnout-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
50*: Doodlelink-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Snell-----	Severe: depth to rock, large stones, slope.	Severe: shrink-swell, slope, large stones.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, large stones.	Severe: shrink-swell, low strength, slope.
Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
51*: Dougal-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Bruncan-----	Severe: depth to rock, cemented pan.				
52*: Dranyon-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Dehana-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Moderate: frost action.
53*: Duco-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Chinabutte-----	Severe: depth to rock, large stones, slope.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.
Dougal-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
54----- Escalante	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
55*: Escalante-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
Tindahay-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
Ornea-----	Severe: cutbanks cave.	Slight-----	Slight-----	Slight-----	Slight.
56*: Fairylawn-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
56*: Perla-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
57*: Fairylawn-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Schnipper-----	Moderate: cemented pan.	Moderate: shrink-swell.	Moderate: cemented pan, shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.
58*: Foxmount-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rubbleland.					
59*: Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
Larioscamp-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Dishpan-----	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: slope, depth to rock.	Moderate: depth to rock.
60*: Fryingpan-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Hat-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Nipintuck-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
61*: Fulcrum-----	Severe: depth to rock, cutbanks cave.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
61*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
62*: Gaib-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Wareagle-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
63*: Gooding-----	Moderate: too clayey, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
Gariper-----	Moderate: too clayey, slope.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
64----- Goose Creek	Moderate: wetness.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
65*: Graveya-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Ratsnest-----	Moderate: depth to rock, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Rock outcrop.					
66*: Graylock-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Takeuchi-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
67*: Hades-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
68*: Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
68*: Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
69*: Hardtrigger-----	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Briabbit-----	Moderate: depth to rock, slope.	Moderate: slope.	Moderate: depth to rock, slope.	Severe: slope.	Moderate: slope.
Tindahay-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
70*: Hardtrigger-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Cottle-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Midraw-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, cemented pan.	Severe: depth to rock, cemented pan.	Severe: shrink-swell, slope, cemented pan.	Severe: cemented pan, shrink-swell, low strength.
71*: Hardtrigger-----	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Enko-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Moderate: frost action.
72*: Hardtrigger-----	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Gariper-----	Moderate: too clayey, slope.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Diawell-----	Severe: cemented pan, cutbanks cave.	Moderate: slope, cemented pan.	Severe: cemented pan.	Severe: slope.	Moderate: cemented pan, slope.
73*: Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	Slight-----	Slight.
Goose Creek-----	Moderate: wetness.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
74*: Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	Slight-----	Slight.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
74*: Scism-----	Moderate: cemented pan, cutbanks cave.	Slight-----	Moderate: cemented pan.	slight-----	Slight.
75*: Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	slight-----	Slight.
Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Vickery-----	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.
76*: Hat-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Avtable-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
77*: Hat-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Nagitsy-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
78*: Hat-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
Nipintuck-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
79*: Hat-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
79*: Zecanyon-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
80*: Haw-----	Severe: cutbanks cave.	Moderate: shrink-swell.	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell, low strength.
Renslow-----	Slight-----	Slight-----	Slight-----	Slight-----	Slight.
81*: Heckison-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Bigflat-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
82*: Heckison-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
83*: Heckison-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Insidert-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Bigflat-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
84*: Hotcreek-----	Severe: depth to rock, cemented pan.	Severe: depth to rock.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock.	Severe: depth to rock.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
85*: Hurryback-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
85*: Hat-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Avtable-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
86*: Hurryback-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
87*: Igert-----	Severe: depth to rock.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
Hardtrigger-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
88*: Insidert-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Tanner-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.
89*: Jumpcreek-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Franchjohn-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
90*: Kanlee-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Ola-----	Severe: depth to rock.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
90*: Quicksilver-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
91*: Kanlee-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Poisoncreek-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Ola-----	Severe: depth to rock.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, frost action.
92*: Kiyi-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Hades-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.
93*: Larioscamp-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Dishpan-----	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: slope, depth to rock.	Moderate: depth to rock.
Brace-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
94*: Larioscamp-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
95*: Longcreek-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, low strength, slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
95*: Hurryback-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Succor-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
96*: Loomis-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Fairylawn-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
97*: Loomis-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Haw-----	Severe: cutbanks cave.	Moderate: shrink-swell, slope.	Moderate: slope.	Severe: slope.	Moderate: shrink-swell, low strength, slope.
98*: Lostvalley-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Budlewis-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
99*: Mackey-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Cottle-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
100*: McKeeth-----	Severe: cutbanks cave.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: large stones.
Veta-----	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope, frost action.
101*: Merlin-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
101*: Lostvalley-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Chayson-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
102*: Minveno-----	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: cemented pan.
Roseworth-----	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.
103*: Mollic Haploxeralfs----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Pachic Argixerolls-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
104*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Chayson-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
Budlewis-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
105*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Cleavage-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
Saturday-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
106*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
106*: Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Thacker-----	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
107*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
108----- Mulshoe	Severe: depth to rock.	Moderate: shrink-swell, slope.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
109*: Mulshoe-----	Severe: depth to rock.	Moderate: shrink-swell, slope.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
Squawcreek-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Gaib-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
110*: Nagitsy-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
111*: Nazaton-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Naz-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
112*: Nipintuck-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Rock outcrop.					

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
113*: Nipintuck-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Squawcreek-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Rock outcrop.					
114*: Northcastle-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
Bluecreek-----	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan, frost action.
Yatahoney-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
115*: Northcastle-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.
Fryingpan-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
116*: Ola-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Earcree-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
117*: Orovada-----	Slight-----	Slight-----	Slight-----	Slight-----	Moderate: frost action.
Roseworth-----	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.
Wholan-----	Slight-----	Severe: flooding.	Severe: flooding.	Severe: flooding.	Moderate: flooding.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
118*: Owsel-----	Slight-----	Slight-----	Slight-----	Slight-----	Slight.
Coonskin-----	Severe: cemented pan.	Moderate: cemented pan, large stones.	Severe: cemented pan.	Moderate: cemented pan, large stones.	Moderate: cemented pan, large stones.
Orovada-----	Slight-----	Slight-----	Slight-----	Slight-----	Moderate: frost action.
119----- Parkay	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
120*: Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Bregar-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
121*: Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Dehana-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
122*: Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Dehana-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Booneville-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
123*: Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
124*: Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
125----- Paynecreek	Slight-----	Moderate: shrink-swell.	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell, frost action.
126*: Paynecreek-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Moderate: frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
126*: Barkley-----	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.
Chayson-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
127*: Paynecreek-----	Slight-----	Moderate: shrink-swell.	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell, frost action.
Northcastle-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
128*: Paynecreek-----	Slight-----	Slight-----	Slight-----	Moderate: slope.	Moderate: frost action.
Northcastle-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Moderate: cemented pan, shrink-swell, low strength.
Blackwell-----	Severe: cutbanks cave, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: wetness, flooding, frost action.
129*: Perla-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Ruclick-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.
130*. Pits, gravel					
131*. Pits and Dumps, mine					
132*: Pixley-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Severe: low strength.
Barkley-----	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
133*: Playas.					
Duric Natrargids-	Severe: ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding.
134*: Plush-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rubbleland.					
Rock outcrop.					
135*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Kanlee-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
136*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Kanlee-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Bauscher-----	Moderate: slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Moderate: shrink-swell, slope, frost action.
137*: Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Dehana-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
138*: Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Earcree-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
139*: Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Nagitsy-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
140*: Quicksilver-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Takeuchi-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
141*: Ratsnest-----	Moderate: depth to rock, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Ornea-----	Severe: cutbanks cave.	Slight-----	Slight-----	Slight-----	Slight.
142*: Roca-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Severe: low strength.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.
143*: Rock outcrop.					
Xerollic Haplargids-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
144*: Rubbleland.					
Rock outcrop.					
Pachic Argixerolls-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
145*: Salisbury-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Gacey-----	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan, large stones.	Severe: cemented pan.	Moderate: slope, cemented pan, large stones.	Severe: frost action.
Barnard-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan, frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
146*: Saturday-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Mulshoe-----	Severe: depth to rock.	Moderate: shrink-swell, slope.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
147----- Scism	Moderate: cemented pan, cutbanks cave, slope.	Moderate: slope.	Moderate: cemented pan, slope.	Severe: slope.	Moderate: slope.
148----- Scism	Moderate: cemented pan, cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
149*: Scism-----	Moderate: cemented pan, cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
Coonskin-----	Severe: cemented pan.	Moderate: slope, cemented pan, large stones.	Severe: cemented pan.	Severe: slope.	Moderate: cemented pan, slope, large stones.
150*: Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Bregar-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
151*: Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Bregar-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Coser-----	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
152*: Sharesnout-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Budlewis-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
153*: Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Coser-----	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
Threek-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
154*: Sharesnout-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Pixley-----	Severe: cemented pan.	Moderate: shrink-swell, cemented pan.	Severe: cemented pan.	Moderate: shrink-swell, slope, cemented pan.	Severe: low strength.
155----- Shoofly	Severe: cemented pan, cutbanks cave.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.
156*: Snell-----	Severe: depth to rock, large stones, slope.	Severe: shrink-swell, slope, large stones.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, large stones.	Severe: shrink-swell, low strength, slope.
Kiyi-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
157*: Snell-----	Severe: depth to rock, large stones, slope.	Severe: shrink-swell, slope, large stones.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, large stones.	Severe: shrink-swell, low strength, slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
158*: Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
158*: Igert-----	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: slope, depth to rock.	Moderate: depth to rock.
Bruncan-----	Severe: depth to rock, cemented pan.				
159*: Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
160*: Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: slope, depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
161*: Southmount-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.
Booneville-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
162*: Squawcreek-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Avtable-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.
163*: Squawcreek-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
163*: Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
164*: Squawcreek-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Zecanyon-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
165*: Strickland-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Dehana-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
166*: Succor-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Gooding-----	Moderate: too clayey, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
Deshler-----	Moderate: depth to rock, too clayey, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
167----- Sugarcreek	Severe: depth to rock, cutbanks cave, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
168*: Takeuchi-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Earcree-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
169*: Takeuchi-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
169*: Kanlee-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Poisoncreek-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
170*: Takeuchi-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Quicksilver-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
171----- Tanner	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.
172*: Tanner-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.
Dishpan-----	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: slope, depth to rock.	Moderate: depth to rock.
173*: Thacker-----	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Cleavage-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
Bigflat-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
174*: Thacker-----	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Sharesnout-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
175*: Thacker-----	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
175*: Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
176*: Threek-----	Severe: cutbanks cave.	Moderate: shrink-swell, slope, large stones.	Moderate: slope, large stones.	Severe: slope.	Moderate: shrink-swell, slope, frost action.
Barkley-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Blackleg-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
177*: Threek-----	Severe: cutbanks cave.	Moderate: shrink-swell, slope, large stones.	Moderate: slope, large stones.	Severe: slope.	Moderate: shrink-swell, slope, frost action.
Blackleg-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Hatpeak-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
178*: Tindahay-----	Severe: cutbanks cave.	Slight-----	Slight-----	Moderate: slope.	Slight.
Royal-----	Moderate: slope.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Badlands.					
179*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
Arbidge-----	Severe: cutbanks cave.	Slight-----	Moderate: cemented pan.	Moderate: slope.	Slight.
180*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
180*: Jenor-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.
Laped-----	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Severe: cemented pan.
181*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
Owsel-----	Slight-----	Slight-----	Slight-----	Slight-----	Slight.
182*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: depth to rock, cemented pan, large stones.	Severe: cemented pan, large stones.	Severe: cemented pan, large stones.
Sugarcreek-----	Severe: depth to rock, cutbanks cave.	Moderate: slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
183*: Tucker-----	Severe: wetness.	Severe: flooding, shrink-swell.	Severe: flooding, wetness, shrink-swell.	Severe: flooding, shrink-swell.	Severe: shrink-swell, low strength, flooding.
Zola-----	Moderate: wetness.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
184*: Typic Haploxerolls---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Pachic Argixerolls---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Badlands.					
185*: Typic Torripsamments--	Severe: cutbanks cave.	Slight-----	Moderate: depth to rock.	Moderate: slope.	Slight.
Typic Torrifluvents---	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.
186*: Typic Torripsamments--	Severe: cutbanks cave.	Slight-----	Moderate: depth to rock.	Moderate: slope.	Slight.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
186*: Typic Torriorthents---	Moderate: depth to rock.	Slight-----	Moderate: depth to rock.	Moderate: slope.	Slight.
187*: Upcreek----- Riverwash.	Severe: cutbanks cave, wetness.	Severe: flooding.	Severe: flooding, wetness.	Severe: flooding.	Severe: flooding.
188*: Vickery-----	Severe: cemented pan, cutbanks cave.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.
Snowmore-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.
189*: Vipont-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Bauscher-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
190----- Vitale	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
191*: Vitale-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Cleavage-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Bauscher-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
192*: Vitale-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Itca----- Rubbleland.	Severe: depth to rock, large stones, slope.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.
193*: Vitale-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
193*: Mulshoe-----	Severe: depth to rock.	Moderate: shrink-swell, slope.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope.
Itca-----	Severe: depth to rock, large stones, slope.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, slope, large stones.
194*: Vitale-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
195*: Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.
Deunah-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Hatpeak-----	Severe: cemented pan.	Severe: shrink-swell.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
196*: Wareagle-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Povey-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
197*: Weash-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Ruclick-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, slope.
198*: Weash-----	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: depth to rock.	Moderate: depth to rock.
Schnipper-----	Moderate: cemented pan.	Moderate: shrink-swell.	Moderate: cemented pan, shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.
199----- Welch	Severe: wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, frost action.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
200*: Welch-----	Severe: wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, frost action.
Upcreek-----	Severe: cutbanks cave, wetness.	Severe: flooding.	Severe: flooding, wetness.	Severe: flooding.	Severe: flooding.
201*: Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Blackleg-----	Severe: cemented pan, slope.	Severe: shrink-swell, slope.	Severe: cemented pan, slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
Thacker-----	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
202*: Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Budlewis-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
203*: Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Doodlelink-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
204*: Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Monasterio-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
Yatahoney-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
205*: Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Parkay-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Bregar-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
206*: Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell, depth to rock, cemented pan.	Severe: depth to rock, cemented pan, shrink-swell.
Rubbleland.					
207*: Wickahoney-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Zecanyon-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
208*: Wickahoney-----	Severe: depth to rock.	Severe: shrink-swell, depth to rock.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, depth to rock.	Severe: depth to rock, shrink-swell, low strength.
Zecanyon-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.
Hat-----	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, shrink-swell, slope.
209*: Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
Bedstead-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
210*: Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
Cottle-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
211*: Willhill-----	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, large stones.
Cottle-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Longcreek-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, low strength.
212*: Xeric Torriorthents---	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.
Typic Torriorthents---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Badlands.					
213*: Xerollic Haplargids-----	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Xerollic Paleargids-----	Severe: depth to rock, slope.	Severe: shrink-swell, slope.	Severe: depth to rock, slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.
Rubbleland.					
214*: Yatahoney-----	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock, cemented pan.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, cemented pan, shrink-swell.
Nicholflat-----	Severe: cemented pan.	Severe: shrink-swell, cemented pan.	Severe: cemented pan, shrink-swell.	Severe: shrink-swell, cemented pan.	Severe: cemented pan, shrink-swell, low strength.

See footnote at end of table.

Table 6.--Building Site Development--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
215*: Yatahoney-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Zecanyon-----	Severe: depth to rock.	Severe: shrink-swell.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
Deunah-----	Severe: depth to rock, cemented pan.	Severe: shrink-swell.	Severe: depth to rock, cemented pan, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.
216*: Zola-----	Moderate: wetness.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: low strength.
Welch-----	Severe: wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, frost action.

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 7.--Sanitary Facilities

(Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "good," and other terms. Absence of an entry indicates that the soil was not rated. The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
1*: Acrelane----- Rock outcrop.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, small stones, slope.
2----- Alzola	Moderate: large stones.	Severe: seepage, large stones.	Severe: large stones.	Slight-----	Poor: seepage, small stones.
3*: Alzola----- Troughs----- Bigflat-----	Moderate: slope, large stones.	Severe: seepage, slope.	Severe: large stones.	Moderate: slope.	Poor: seepage, small stones.
	Severe: cemented pan, slope.	Severe: cemented pan, slope, large stones.	Severe: depth to rock, cemented pan, slope.	Severe: slope.	Poor: cemented pan, large stones, slope.
	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
4*: Arbidge----- Buncelvoir----- Chilcott-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
	Slight-----	Severe: seepage.	Slight-----	Slight-----	Fair: small stones.
	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
5*: Arbidge----- Chilcott-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
6*: Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan, slope.	Severe: too sandy.	Moderate: slope.	Poor: cemented pan, seepage, too sandy.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
6*: Heckison-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
7*: Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
Hunnton-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan.	Severe: cemented pan.	Slight-----	Poor: cemented pan, seepage, small stones.
8*: Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
Laped-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Slickspots.					
9*: Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
Owsel-----	Severe: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Good.
Gariper-----	Moderate: cemented pan, percs slowly, slope.	Severe: seepage, slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: small stones.
10*: Arness-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock.
Humdun-----	Moderate: percs slowly.	Moderate: seepage, slope.	Slight-----	Slight-----	Good.
11*: Babbington-----	Severe: wetness, percs slowly.	Severe: seepage.	Severe: wetness.	Moderate: flooding, wetness.	Fair: thin layer.
Beetville-----	Severe: flooding, wetness.	Severe: seepage, flooding.	Severe: flooding, seepage, wetness.	Severe: flooding, seepage.	Fair: too sandy, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
12*: Babbington-----	Severe: wetness, percs slowly.	Severe: seepage.	Severe: wetness.	Moderate: flooding, wetness.	Fair: thin layer.
Piline-----	Severe: ponding, percs slowly.	Severe: ponding.	Severe: ponding, too clayey.	Severe: ponding.	Poor: too clayey, hard to pack, ponding.
13*: Badlands.					
Typic Torriorthents	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Xeric Torriorthents	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
14*: Bauscher-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: slope.
Bauscher-----	Severe: percs slowly.	Severe: seepage, slope.	Severe: depth to rock, seepage.	Severe: seepage.	Fair: depth to rock, slope, thin layer.
Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
15*: Bedstead-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, hard to pack, large stones.
Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
16*: Bieber-----	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Severe: cemented pan.	Moderate: slope.	Poor: cemented pan, small stones.
Hurryback-----	Severe: percs slowly, slope.	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Poor: slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
17*:					
Blackleg-----	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Northcastle-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, seepage, wetness.	Severe: cemented pan.	Poor: cemented pan.
18*:					
Blackleg-----	Severe: cemented pan, percs slowly, slope.	Severe: cemented pan, slope.	Severe: cemented pan, slope, too clayey.	Severe: cemented pan, slope.	Poor: cemented pan, too clayey, hard to pack.
Threek-----	Severe: percs slowly, poor filter, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
19-----					
Bluecreek	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan, seepage, too sandy.	Severe: cemented pan, seepage.	Poor: cemented pan, seepage, too sandy.
20*:					
Booford-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Barkley-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: slope, thin layer.
21*:					
Booford-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Blackleg-----	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
22*:					
Boulder Lake-----	Severe: ponding, percs slowly.	Severe: ponding.	Severe: ponding, too clayey.	Severe: ponding.	Poor: too clayey, hard to pack, ponding.
Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
23*:					
Brace-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
24*:					
Briabbit-----	Severe: depth to rock.	Severe: seepage, depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock.
Murphill-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, seepage, small stones.
25-----					
Bruncan	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
26*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
27*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Hardtrigger-----	Slight-----	Severe: seepage.	Moderate: too sandy.	Slight-----	Poor: small stones.
Buncelvoir-----	Slight-----	Severe: seepage.	Slight-----	Slight-----	Fair: small stones.
28*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Jenor-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan.	Slight-----	Poor: cemented pan.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
29*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Laped-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
30*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
Minveno-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock.
31*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
32*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
33*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
Midraw-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, hard to pack, small stones.
34*:					
Brunzell-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: seepage, slope.	Poor: small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
34*: Doodlelink-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Threek-----	Severe: percs slowly, poor filter.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage.	Poor: seepage, small stones.
35*: Catchell-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock, hard to pack.
Longcreek-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
36*: Chayson-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Poor: cemented pan.
Merlin-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
37*: Chilcott-----	Severe: cemented pan.	Severe: cemented pan, slope.	Severe: cemented pan.	Slight-----	Poor: cemented pan, small stones.
Igert-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock, small stones.
38*: Chilcott-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: cemented pan.	Slight-----	Poor: cemented pan, hard to pack.
Lamonta-----	Severe: cemented pan, poor filter.	Severe: seepage, cemented pan, slope.	Severe: cemented pan.	Slight-----	Poor: cemented pan, small stones.
39*: Chinabutte-----	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Alibi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
40*: Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Avtable-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
41*: Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rubbleland.					
42*: Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Snell-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
43*: Cottle-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock, small stones.
Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
44*: Dehana-----	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight-----	Poor: small stones.
Nagitsy-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
45*: Deunah-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
45*: Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock.
Lostvalley-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
46*: Diawell-----	Severe: cemented pan, poor filter.	Severe: seepage, cemented pan, slope.	Moderate: cemented pan, slope, too sandy.	Moderate: slope.	Poor: cemented pan, small stones.
McKeeth-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: seepage, too sandy, small stones.
47*: Dollarhide-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, slope.	Poor: depth to rock, large stones, slope.
Rock outcrop.					
48*: Doodlelink-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Bregar-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
49*: Doodlelink-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Sharesnout-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, small stones.
Parkay-----	Severe: percs slowly, slope.	Severe: slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
50*: Doodlelink-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Snell-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
51*: Dougal-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock.
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
52*: Dranyon-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Dehana-----	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight-----	Poor: small stones.
53*: Duco-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Chinabutte-----	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Dougal-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock.
54----- Escalante	Slight-----	Severe: seepage.	Slight-----	Slight-----	Good.
55*: Escalante-----	Slight-----	Severe: seepage.	Slight-----	Slight-----	Good.
Tindahay-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: too sandy.
Ornea-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: seepage, too sandy, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
56*: Fairylawn-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Perla-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock.	Slight-----	Poor: depth to rock, hard to pack.
57*: Fairylawn-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Schnipper-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Moderate: cemented pan.	Slight-----	Poor: cemented pan.
58*: Foxmount-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.
Povey-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Rubbleland.					
59*: Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
Larioscamp-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Dishpan-----	Severe: depth to rock.	Severe: seepage, depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock, small stones.
60*: Fryingpan-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
Hat-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Nipintuck-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
61*: Fulcrum-----	Severe: depth to rock, poor filter.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Poor: depth to rock, small stones.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
62*: Gaib-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Wareagle-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
Rock outcrop.					
63*: Gooding-----	Severe: percs slowly.	Severe: slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: thin layer.
Gariper-----	Moderate: cemented pan, percs slowly, slope.	Severe: seepage, slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: small stones.
64----- Goose Creek	Severe: wetness, percs slowly.	Moderate: seepage, slope, wetness.	Severe: wetness.	Moderate: flooding, wetness.	Fair: too clayey.
65*: Graveya-----	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Ratsnest-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Rock outcrop.					
66*: Graylock-----	Severe: poor filter, slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
Takeuchi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
67*: Hades-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
68*: Hardtrigger-----	Slight-----	Severe: seepage, slope.	Moderate: too sandy.	Slight-----	Poor: small stones.
Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
69*: Hardtrigger-----	Moderate: slope.	Severe: seepage, slope.	Moderate: slope, too sandy.	Moderate: slope.	Poor: small stones.
Briabbit-----	Severe: depth to rock.	Severe: seepage, depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock.
Tindahay-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: too sandy.
70*: Hardtrigger-----	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Cottle-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, small stones, slope.
Midraw-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, hard to pack, small stones.
71*: Hardtrigger-----	Moderate: slope.	Severe: seepage, slope.	Moderate: slope, too sandy.	Moderate: slope.	Poor: small stones.
Enko-----	Severe: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Good.
72*: Hardtrigger-----	Moderate: slope.	Severe: seepage, slope.	Moderate: slope, too sandy.	Moderate: slope.	Poor: small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
72*:					
Gariper-----	Moderate: cemented pan, percs slowly, slope.	Severe: seepage, slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: small stones.
Diawell-----	Severe: cemented pan, poor filter.	Severe: seepage, cemented pan, slope.	Moderate: cemented pan, slope, too sandy.	Moderate: slope.	Poor: cemented pan, small stones.
73*:					
Hardtrigger-----	Slight-----	Severe: seepage.	Moderate: too sandy.	Slight-----	Poor: small stones.
Goose Creek-----	Severe: wetness, percs slowly.	Moderate: seepage, slope, wetness.	Severe: wetness.	Moderate: flooding, wetness.	Fair: too clayey.
74*:					
Hardtrigger-----	Slight-----	Severe: seepage.	Moderate: too sandy.	Slight-----	Poor: small stones.
Scism-----	Severe: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Slight-----	Poor: cemented pan.
75*:					
Hardtrigger-----	Slight-----	Severe: seepage.	Moderate: too sandy.	Slight-----	Poor: small stones.
Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Vickery-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan, too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
76*:					
Hat-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Avtable-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
77*:					
Hat-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
77*: Nagitsy-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					
78*: Hat-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					
Nipintuck-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
79*: Hat-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Zecanyon-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
80*: Haw-----	Severe: percs slowly, poor filter.	Severe: seepage.	Slight-----	Slight-----	Fair: thin layer.
Renslow-----	Moderate: percs slowly.	Moderate: seepage.	Slight-----	Slight-----	Good.
81*: Heckison-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Bigflat-----	Moderate: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Poor: small stones.
82*: Heckison-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
83*: Heckison-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
83*: Insidert-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, hard to pack.
Bigflat-----	Moderate: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Poor: small stones.
84*: Hotcreek-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
85*: Hurryback-----	Severe: percs slowly, slope.	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Poor: slope.
Hat-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Avtable-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
86*: Hurryback-----	Severe: percs slowly, slope.	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Poor: slope.
Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
87*: Igert-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock, small stones.
Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
Hardtrigger-----	Slight-----	Severe: seepage.	Moderate: too sandy.	Slight-----	Poor: small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
88*: Insidert-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, hard to pack.
Tanner-----	Severe: cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
89*: Jumpcreek-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, too clayey, small stones.
Frenchjohn-----	Severe: depth to rock, percs slowly.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Poor: depth to rock, too clayey, hard to pack.
90*: Kanlee-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Ola-----	Severe: depth to rock.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Poor: depth to rock.
Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
91*: Kanlee-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Poisoncreek-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Ola-----	Severe: depth to rock.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Poor: depth to rock.
92*: Kiyi-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
92*: Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Hades-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
93*: Larioscamp-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Dishpan-----	Severe: depth to rock.	Severe: seepage, depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock, small stones.
Brace-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
94*: Larioscamp-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
95*: Longcreek-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Hurryback-----	Severe: percs slowly, slope.	Severe: slope.	Severe: seepage, slope.	Severe: slope.	Poor: slope.
Succor-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
96*: Loomis-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
Fairylawn-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
97*: Loomis-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: depth to rock, small stones, slope.
Haw-----	Severe: percs slowly, poor filter.	Severe: seepage, slope.	Moderate: slope.	Moderate: slope.	Fair: slope, thin layer.
98*: Lostvalley-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Budlewis-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
99*: Mackey-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: depth to rock, seepage, small stones.
Cottle-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, small stones, slope.
100*: McKeeth-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: seepage, too sandy, small stones.
Veta-----	Moderate: slope.	Severe: seepage, slope.	Moderate: slope, too sandy, large stones.	Moderate: slope.	Poor: seepage, small stones.
101*: Merlin-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Lostvalley-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Chayson-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Poor: cemented pan.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
102*: Minveno-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock.
Roseworth-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
103*: Mollic Haploxeralfs	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Pachic Argixerolls-	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: small stones, slope.
104*: Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Chayson-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Poor: cemented pan.
Budlewis-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
105*: Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Cleavage-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Saturday-----	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
106*: Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
106*: Thacker-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: seepage, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
107*: Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
108----- Mulshoe	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
109*: Mulshoe-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Squawcreek-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Gaib-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
110*: Nagitsy-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					
Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
111*: Nazaton-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: seepage, slope.	Poor: small stones, slope.
Naz-----	Severe: poor filter, slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
112*: Nipintuck-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Rock outcrop.					
113*: Nipintuck-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Squawcreek-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Rock outcrop.					
114*: Northcastle-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, seepage, wetness.	Severe: cemented pan.	Poor: cemented pan.
Bluecreek-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan, seepage, too sandy.	Severe: cemented pan, seepage.	Poor: cemented pan, seepage, too sandy.
Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock.
115*: Northcastle-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, seepage, wetness.	Severe: cemented pan.	Poor: cemented pan.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Fryingpan-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
116*: Ola-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, slope.
Earcree-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
117*: Orovada-----	Moderate: percs slowly.	Moderate: seepage, slope.	Slight-----	Slight-----	Good.
Roseworth-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
Wholan-----	Moderate: flooding, percs slowly.	Moderate: seepage, slope.	Moderate: flooding.	Moderate: flooding.	Good.
118*: Owsel-----	Severe: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Good.
Coonskin-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan, small stones.
Orovada-----	Moderate: percs slowly.	Moderate: seepage, slope.	Slight-----	Slight-----	Good.
119----- Parkay	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
120*: Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Bregar-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
121*: Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Dehana-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
122*: Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Dehana-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
122*: Booneville-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.	Poor: small stones, slope.
123*: Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Povey-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: slope.	Poor: small stones, slope.
124*: Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
125----- Paynecreek	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: small stones.
126*: Paynecreek-----	Severe: percs slowly.	Severe: seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Fair: depth to rock, thin layer.
Barkley-----	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: thin layer.
Chayson-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Severe: cemented pan.	Poor: cemented pan.
127*: Paynecreek-----	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: small stones.
Northcastle-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan.	Severe: cemented pan, seepage, wetness.	Severe: cemented pan.	Poor: cemented pan.
128*: Paynecreek-----	Severe: percs slowly.	Severe: seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Fair: depth to rock, thin layer.
Northcastle-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, seepage, wetness.	Severe: cemented pan.	Poor: cemented pan.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
128*: Blackwell-----	Severe: flooding, wetness, percs slowly.	Severe: seepage, flooding, wetness.	Severe: flooding, wetness, too sandy.	Severe: flooding, wetness.	Poor: too sandy, wetness.
129*: Perla-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock.	Slight-----	Poor: depth to rock, hard to pack.
Ruclick-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, large stones.	Slight-----	Poor: depth to rock, small stones.
130*. Pits, gravel					
131*. Pits and Dumps, mine					
132*: Pixley-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: seepage.	Severe: cemented pan, seepage.	Poor: cemented pan, small stones.
Barkley-----	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: thin layer.
133*: Playas.					
Duric Natrargids---	Severe: ponding, percs slowly.	Severe: seepage, ponding.	Severe: seepage, ponding, excess salt.	Severe: seepage, ponding.	Poor: ponding, excess salt.
134*: Plush-----	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Rubbleland.					
Rock outcrop.					
135*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Kanlee-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
136*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Kanlee-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Bauscher-----	Severe: percs slowly.	Severe: seepage, slope.	Severe: depth to rock, seepage.	Severe: seepage.	Fair: depth to rock, slope, thin layer.
137*: Povey-----	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: large stones, slope.
Dehana-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
138*: Povey-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Earcree-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: slope.
139*: Povey-----	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: large stones, slope.
Nagitsy-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
140*: Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Takeuchi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
141*: Ratsnest-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Ornea-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: seepage, too sandy, small stones.
142*: Roca-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, hard to pack, large stones.
Freshwater-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: depth to rock, small stones.
143*: Rock outcrop.					
Xerollic Haplargids	Severe: poor filter, slope.	Severe: seepage, slope.	Severe: slope, too sandy.	Severe: slope.	Poor: seepage, too sandy, small stones.
144*: Rubbleland. Rock outcrop.					
Pachic Argixerolls-	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: small stones, slope.
145*: Salisbury-----	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Gacey-----	Severe: cemented pan, poor filter.	Severe: seepage, cemented pan, slope.	Severe: large stones.	Slight-----	Poor: cemented pan, seepage, small stones.
Barnard-----	Severe: cemented pan.	Severe: seepage, cemented pan, slope.	Severe: cemented pan.	Slight-----	Poor: cemented pan, small stones.
146*: Saturday-----	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
146*: Mulshoe-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
147----- Scism	Severe: cemented pan.	Severe: cemented pan, slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: cemented pan.
148----- Scism	Severe: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Slight-----	Poor: cemented pan.
149*: Scism-----	Severe: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Slight-----	Poor: cemented pan.
Coonskin-----	Severe: cemented pan.	Severe: seepage, cemented pan, slope.	Severe: depth to rock, cemented pan.	Moderate: slope.	Poor: cemented pan, small stones.
150*: Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Bregar-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
151*: Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Bregar-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Coser-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
152*: Sharesnout-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, small stones.
Budlewis-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
153*: Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Coser-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Threek-----	Severe: percs slowly, poor filter, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
154*: Sharesnout-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, small stones.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Pixley-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: seepage.	Severe: cemented pan, seepage.	Poor: cemented pan, small stones.
155----- Shoofly	Severe: cemented pan, poor filter.	Severe: seepage, cemented pan.	Severe: cemented pan, too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
156*: Snell-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Kiyi-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, small stones, slope.
157*: Snell-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Sharesnout-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
158*: Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Igert-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Slight-----	Poor: depth to rock, small stones.
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
159*: Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
160*: Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
161*: Southmount-----	Severe: wetness, percs slowly, slope.	Severe: seepage, slope.	Severe: seepage, wetness, slope.	Severe: slope.	Poor: slope.
Booneville-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.	Poor: small stones, slope.
162*: Squawcreek-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Avtable-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
163*: Squawcreek-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
164*: Squawcreek-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Zecanyon-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
165*: Strickland-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, large stones, slope.
Dehana-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
166*: Succor-----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Gooding-----	Severe: percs slowly.	Severe: slope.	Moderate: cemented pan, slope.	Moderate: slope.	Poor: thin layer.
Deshler-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
167----- Sugarcreek	Severe: depth to rock, poor filter, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, seepage, small stones.
168*: Takeuchi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
168*: Earcree-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: slope.
Rock outcrop.					
169*: Takeuchi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.
Kanlee-----	Severe: depth to rock, percs slowly, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Poisoncreek-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
170*: Takeuchi-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.
Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
171----- Tanner	Severe: cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
172*: Tanner-----	Severe: cemented pan.	Severe: cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: cemented pan.
Dishpan-----	Severe: depth to rock.	Severe: seepage, depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock, small stones.
173*: Thacker-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: seepage, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Cleavage-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Bigflat-----	Moderate: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Poor: small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
174*: Thacker-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: seepage, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Sharesnout-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, small stones.
175*: Thacker-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: seepage, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
176*: Threek-----	Severe: percs slowly, poor filter.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage.	Poor: seepage, small stones.
Barkley-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: slope, thin layer.
Blackleg-----	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
177*: Threek-----	Severe: percs slowly, poor filter.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage.	Poor: seepage, small stones.
Blackleg-----	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
Hatpeak-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
178*: Tindahay-----	Severe: poor filter.	Severe: seepage.	Severe: too sandy.	Slight-----	Poor: too sandy.
Royal----- Badlands.	Moderate: slope.	Severe: seepage, slope.	Moderate: slope.	Moderate: slope.	Fair: slope.
179*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
Arbidge-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
180*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
Jenor-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan.	Slight-----	Poor: cemented pan.
Laped-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.
181*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
Owsel-----	Severe: percs slowly.	Severe: seepage.	Slight-----	Slight-----	Good.
182*: Troughs-----	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, cemented pan, large stones.	Slight-----	Poor: depth to rock, large stones.
Sugarcreek-----	Severe: depth to rock, poor filter.	Severe: seepage, depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: depth to rock, seepage, small stones.
183*: Tucker-----	Severe: flooding, wetness, percs slowly.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Fair: too clayey, wetness.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
183*: Zola-----	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Fair: wetness.
184*: Typic Haploxerolls-	Severe: depth to rock, slope.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, small stones, slope.
Pachic Argixerolls-	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: small stones, slope.
Badlands.					
185*: Typic Torripsamments----	Severe: depth to rock, poor filter.	Severe: seepage, depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock, seepage, small stones.
Typic Torrifluvents	Severe: flooding, poor filter.	Severe: seepage, flooding.	Severe: flooding, too sandy, large stones.	Severe: flooding.	Poor: seepage, too sandy, small stones.
186*: Typic Torripsamments----	Severe: depth to rock, poor filter.	Severe: seepage, depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock, seepage, small stones.
Typic Torriorthents	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock.
187*: Upcreek-----	Severe: flooding, wetness, percs slowly.	Severe: seepage, flooding, wetness.	Severe: flooding, seepage, wetness.	Severe: flooding, seepage, wetness.	Poor: too sandy, small stones.
Riverwash.					
188*: Vickery-----	Severe: cemented pan.	Severe: seepage, cemented pan.	Severe: cemented pan, too sandy.	Slight-----	Poor: cemented pan, seepage, too sandy.
Snowmore-----	Severe: depth to rock, cemented pan.	Severe: seepage, depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Slight-----	Poor: depth to rock, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
189*: Vipont-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, large stones, slope.
Bauscher-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: slope.
190----- Vitale	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
191*: Vitale-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Cleavage-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Bauscher-----	Severe: percs slowly, slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: slope.
192*: Vitale-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Itca-----	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.
Rubbleland.					
193*: Vitale-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Mulshoe-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
Itca-----	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
194*: Vitale-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					
195*: Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Deunah-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Hatpeak-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
196*: Wareagle-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
Povey-----	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: slope.	Poor: small stones, slope.
197*: Weash-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Ruclick-----	Severe: depth to rock, percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: depth to rock, small stones, slope.
198*: Weash-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight-----	Poor: depth to rock.
Schnipper-----	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Moderate: cemented pan.	Slight-----	Poor: cemented pan.
199----- Welch	Severe: flooding, wetness, percs slowly.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Poor: wetness.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
200*: Welch-----	Severe: flooding, wetness, percs slowly.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Poor: wetness.
Upcreek-----	Severe: flooding, wetness, percs slowly.	Severe: seepage, flooding, wetness.	Severe: flooding, seepage, wetness.	Severe: flooding, seepage, wetness.	Poor: too sandy, small stones.
201*: Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Blackleg-----	Severe: cemented pan, percs slowly, slope.	Severe: cemented pan, slope.	Severe: cemented pan, slope, too clayey.	Severe: cemented pan, slope.	Poor: cemented pan, too clayey, hard to pack.
Thacker-----	Severe: cemented pan, percs slowly.	Severe: seepage, cemented pan, slope.	Severe: seepage, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
202*: Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, large stones.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Budlewis-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
203*: Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Doodlelink-----	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
204*: Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Monasterio-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
204*: Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock.
205*: Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Parkay-----	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Bregar-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
206*: Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, large stones.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Rubbleland.					
207*: Wickahoney-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Zecanyon-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
208*: Wickahoney-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Zecanyon-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Hat-----	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
209*: Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
Bedstead-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, slope.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, hard to pack, large stones.
210*: Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
Cottle-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, small stones, slope.
211*: Willhill-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: depth to rock, small stones.
Cottle-----	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, small stones, slope.
Longcreek-----	Severe: depth to rock.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
212*: Xeric Torriorthents	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Typic Torriorthents	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, slope.
Badlands.					
213*: Xerollic Haplargids	Severe: poor filter, slope.	Severe: seepage, slope.	Severe: slope, too sandy.	Severe: slope.	Poor: seepage, too sandy, small stones.
Xerollic Paleargids	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: depth to rock, hard to pack, small stones.
Rubbleland.					

See footnote at end of table.

Table 7.--Sanitary Facilities--Continued

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
214*: Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Poor: depth to rock.
Nicholflat-----	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan, too clayey.	Severe: cemented pan.	Poor: cemented pan, too clayey, hard to pack.
215*: Yatahoney-----	Severe: depth to rock, cemented pan, percs slowly.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
Zecanyon-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
Deunah-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Severe: depth to rock, cemented pan, too clayey.	Severe: depth to rock, cemented pan.	Poor: depth to rock, too clayey, hard to pack.
216*: Zola-----	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Fair: wetness.
Welch-----	Severe: flooding, wetness, percs slowly.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Poor: wetness.

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 8.--Construction Materials

(Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "good," "fair," and other terms. Absence of an entry indicates that the soil was not rated. The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
1*: Acrelane-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Rock outcrop.				
2----- Alzola	Fair: large stones.	Probable-----	Probable-----	Poor: small stones, area reclaim.
3*: Alzola-----	Fair: large stones.	Probable-----	Probable-----	Poor: small stones, area reclaim.
Troughs-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones, slope.
Bigflat-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
4*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Buncelvoir-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Chilcott-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer.
5*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Chilcott-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer.
6*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Heckison-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
7*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Hunnton-----	Poor: cemented pan.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
8*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Laped-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones.
Slickspots.				
9*: Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Owsel-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
Gariper-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
10*: Arness-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones.
Humdun-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
11*: Babington-----	Good-----	Probable-----	Probable-----	Poor: area reclaim.
Beetville-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
12*: Babington-----	Good-----	Probable-----	Probable-----	Poor: area reclaim.
Piline-----	Poor: low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
13*: Badlands.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
13*: Typic Torriorthents--	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Xeric Torriorthents--	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
14*: Bauscher-----	Fair: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Bauscher-----	Fair: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Fair: too clayey, small stones, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
15*: Bedstead-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
16*: Bieber-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, too clayey, small stones.
Hurryback-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
17*: Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Northcastle-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
18*: Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
18*: Threek-----	Fair: large stones, slope.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
19----- Bluecreek	Poor: cemented pan.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
20*: Booford-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Barkley-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
21*: Booford-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
22*: Boulder Lake-----	Poor: low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
Yatahoney-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
23*: Brace-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Freshwater-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
24*: Briabbit-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Murphill-----	Poor: depth to rock.	Improbable: thin layer.	Improbable: thin layer.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
25----- Bruncan	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
26*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
27*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Buncelvoir-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
28*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Jenor-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
29*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Laped-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones.
30*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Minveno-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
31*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
32*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
33*: Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
Midraw-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, too clayey, small stones.
34*: Brunzell-----	Fair: large stones, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Doodlelink-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Threek-----	Fair: large stones.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
35*: Catchell-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Longcreek-----	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
36*: Chayson-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Merlin-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.
37*: Chilcott-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Igert-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
38*: Chilcott-----	Poor: cemented pan.	Probable-----	Probable-----	Poor: too clayey, area reclaim.
Lamonta-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
39*: Chinabutte-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Alibi-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
40*: Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Avtable-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
41*: Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Rubbleland.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
42*: Cleavage-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Snell-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: too clayey, large stones, slope.
43*: Cottle-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
44*: Dehana-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Nagitsy-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
45*: Deunah-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Yatahoney-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Lostvalley-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
46*: Diawell-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones, area reclaim.
McKeeth-----	Fair: large stones.	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
47*: Dollarhide-----	Poor: depth to rock, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Rock outcrop.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
48*: Doodlelink-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Bregar-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
49*: Doodlelink-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Parkay-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
50*: Doodlelink-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Snell-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: too clayey, large stones, slope.
Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
51*: Dougal-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
52*: Dranyon-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
52*: Dehana-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
53*: Duco-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Chinabutte-----	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Dougal-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
54----- Escalante	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
55*: Escalante-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
Tindahay-----	Good-----	Probable-----	Improbable: too sandy.	Poor: too sandy.
Ornea-----	Good-----	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
56*: Fairylawn-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Perla-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
57*: Fairylawn-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Schnipper-----	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, too clayey, small stones.
58*: Foamount-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
58*: Povey-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Rubbleland.				
59*: Freshwater-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Larioscamp-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Dishpan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
60*: Fryingpan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Nipintuck-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
61*: Fulcrum-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
62*: Gaib-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Wareagle-----	Poor: slope.	Improbable: small stones.	Probable-----	Poor: small stones, area reclaim, slope.
Rock outcrop.				
63*: Gooding-----	Poor: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
63*: Gariper-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
64----- Goose Creek	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Fair: too clayey, area reclaim.
65*: Graveya-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Ratsnest----- Rock outcrop.	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
66*: Graylock-----	Poor: slope.	Probable-----	Probable-----	Poor: small stones, area reclaim, slope.
Takeuchi-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
67*: Hades-----	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
68*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
69*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Briabbit-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Tindahay-----	Good-----	Probable-----	Improbable: too sandy.	Poor: too sandy.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
70*: Hardtrigger-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Cottle-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Midraw-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, too clayey, small stones.
71*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Enko-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: excess salt.
72*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Gariper-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Diawell-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones, area reclaim.
73*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Goose Creek-----	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Fair: too clayey, area reclaim.
74*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Scism-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, thin layer.
75*: Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
75*: Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Vickery-----	Poor: cemented pan.	Probable-----	Improbable: too sandy.	Fair: cemented pan, area reclaim, thin layer.
76*: Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Avtable-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
77*: Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Nagitsy-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
78*: Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
Nipintuck-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
79*: Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Zecanyon-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
80*: Haw-----	Good-----	Probable-----	Improbable: too sandy.	Fair: too clayey, small stones.
Renslow-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
81*: Heckison-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Bigflat-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
82*: Heckison-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Freshwater-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
83*: Heckison-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Insidert-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Bigflat-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
84*: Hotcreek-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
85*: Hurryback-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Avtable-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones.
86*: Hurryback-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
87*: Igert-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Hardtrigger-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
88*: Insidert-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Tanner-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
89*: Jumpcreek-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Frenchjohn-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
90*: Kanlee-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Ola-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Quicksilver-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
91*: Kanlee-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Poisoncreek-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Ola-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
92*: Kiyi-----	Fair: shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Hades-----	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
93*: Larioscamp-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Dishpan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Brace-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
94*: Larioscamp-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Freshwater-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
95*: Longcreek-----	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.
Hurryback-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Succor-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
96*: Loomis-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, too clayey, small stones.
Fairyrlawn-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
97*: Loomis-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, too clayey, small stones.
Haw-----	Good-----	Probable-----	Improbable: too sandy.	Fair: too clayey, small stones, slope.
98*: Lostvalley-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Budlewis-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
99*: Mackey-----	Poor: depth to rock, slope.	Improbable: thin layer.	Improbable: thin layer.	Poor: small stones, slope.
Cottle-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
100*: McKeeth-----	Fair: large stones.	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
Veta-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
101*: Merlin-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.
Lostvalley-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Chayson-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
102*: Minveno-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
102*: Roseworth-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan.
103*: Mollic Haploxeralfs--	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Pachic Argixerolls---	Poor: thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
104*: Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Chayson-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Budlewis-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
105*: Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Saturday-----	Fair: depth to rock, thin layer, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
106*: Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Thacker-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
107*: Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
108----- Mulshoe	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
109*: Mulshoe-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Squawcreek-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Gaib-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
110*: Nagitsy-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
111*: Nazaton-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Naz-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
112*: Nipintuck-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Rock outcrop.				
113*: Nipintuck-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Squawcreek-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Rock outcrop.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
114*: Northcastle-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Bluecreek-----	Poor: cemented pan.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
Yatahoney-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
115*: Northcastle-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Wagonbox-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, too clayey.
Fryingpan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
116*: Ola-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Earcree-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
117*: Orovada-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, thin layer.
Roseworth-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan.
Wholan-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: excess salt.
118*: Owssel-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
Coonskin-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Orovada-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, thin layer.
119----- Parkay	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
120*: Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Bregar-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
121*: Parkay-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Dehana-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
122*: Parkay-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Dehana-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Booneville-----	Fair: shrink-swell, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
123*: Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Povey-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
124*: Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
125----- Paynecreek	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
126*: Paynecreek-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
Barkley-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Chayson-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
127*: Paynecreek-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
Northcastle-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
128*: Paynecreek-----	Poor: thin layer.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
Northcastle-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Blackwell-----	Poor: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: wetness.
129*: Perla-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Ruclick-----	Poor: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
130*. Pits, gravel				
131*. Pits and Dumps, mine				
132*: Pixley-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones, area reclaim.
Barkley-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
133*: Playas.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
133*: Duric Natrargids-----	Poor: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: excess salt, wetness.
134*: Plush-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Rubbleland.				
Rock outcrop.				
135*: Poisoncreek-----	Poor: depth to rock, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Kanlee-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
136*: Poisoncreek-----	Poor: depth to rock, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Kanlee-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Bauscher-----	Fair: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Fair: too clayey, small stones, slope.
137*: Povey-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: area reclaim, small stones, slope.
Dehana-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
138*: Povey-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Earcree-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
139*: Povey-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: area reclaim, small stones, slope.
Nagitsy-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
140*: Quicksilver-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Takeuchi-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
141*: Ratsnest-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Ornea-----	Good-----	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
142*: Roca-----	Poor: depth to rock, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: too clayey, large stones.
Freshwater-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
143*: Rock outcrop.				
Xerollic Haplargids--	Poor: slope.	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
144*: Rubbleland.				
Rock outcrop.				
Pachic Argixerolls---	Poor: thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
145*: Salisbury-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Gacey-----	Fair: large stones.	Probable-----	Probable-----	Poor: cemented pan, small stones, area reclaim.
Barnard-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
146*: Saturday-----	Fair: depth to rock, thin layer, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Mulshoe-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
147----- Scism	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, thin layer, slope.
148----- Scism	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, thin layer.
149*: Scism-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, thin layer.
Coonskin-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
150*: Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Bregar-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
151*: Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Bregar-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
151*: Coser-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
152*: Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Budlewis-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
153*: Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Coser-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Threek-----	Fair: large stones, slope.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
154*: Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Pixley-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones, area reclaim.
155----- Shoofly	Poor: cemented pan.	Probable-----	Probable-----	Poor: cemented pan, small stones, area reclaim.
156*: Snell-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: too clayey, large stones, slope.
Kiyi-----	Fair: shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
157*: Snell-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: too clayey, large stones, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
158*: Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Igert-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Bruncan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, small stones.
159*: Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
160*: Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
161*: Southmount-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Booneville-----	Fair: shrink-swell, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
162*: Squawcreek-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Avtable-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones.
Wagonbox-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, too clayey.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
163*: Squawcreek-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
164*: Squawcreek-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Zecanyon-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
165*: Strickland-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: large stones, slope.
Dehana-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Parkay-----	Fair: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
166*: Succor-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Gooding-----	Poor: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Deshler-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer.
167----- Sugarcreek	Poor: depth to rock.	Improbable: thin layer.	Improbable: thin layer.	Poor: small stones, slope.
168*: Takeuchi-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
168*: Earcree-----	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Rock outcrop.				
169*: Takeuchi-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Kanlee-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Poisoncreek-----	Poor: depth to rock.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
170*: Takeuchi-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Quicksilver-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
171----- Tanner	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
172*: Tanner-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Dishpan-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
173*: Thacker-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Bigflat-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
174*: Thacker-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
174*: Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Sharesnout-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
175*: Thacker-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Cleavage-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
176*: Threek-----	Fair: large stones.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
Barkley-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
177*: Threek-----	Fair: large stones.	Probable-----	Probable-----	Poor: too clayey, small stones, area reclaim.
Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Hatpeak-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
178*: Tindahay-----	Good-----	Probable-----	Improbable: too sandy.	Poor: too sandy.
Royal-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Fair: slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
178*: Badlands.				
179*: Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
Arbidge-----	Good-----	Probable-----	Probable-----	Poor: small stones, area reclaim.
180*: Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
Jenor-----	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Laped-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones.
181*: Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
Owsel-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Good.
182*: Troughs-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: cemented pan, large stones.
Sugarcreek-----	Poor: depth to rock.	Improbable: thin layer.	Improbable: thin layer.	Poor: small stones.
183*: Tucker-----	Poor: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Zola-----	Fair: shrink-swell, low strength, thin layer.	Improbable: excess fines.	Improbable: excess fines.	Good.
184*: Typic Haploxerolls---	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Pachic Argixerolls---	Poor: thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Badlands.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
185*: Typic Torripsamments-	Poor: depth to rock.	Probable-----	Probable-----	Poor: small stones, area reclaim.
Typic Torrifluvents--	Fair: large stones.	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
186*: Typic Torripsamments-	Poor: depth to rock.	Probable-----	Probable-----	Poor: small stones, area reclaim.
Typic Torriorthents--	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Fair: depth to rock, small stones.
187*: Upcreek-----	Fair: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Riverwash.				
188*: Vickery-----	Poor: cemented pan.	Probable-----	Improbable: too sandy.	Fair: cemented pan, area reclaim, thin layer.
Snowmore-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
189*: Vipont-----	Poor: depth to rock, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, slope.
Bauscher-----	Fair: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
190----- Vitale	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
191*: Vitale-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Cleavage-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
191*: Bauscher-----	Fair: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
192*: Vitale-----	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Itca-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, too clayey, small stones.
Rubbleland.				
193*: Vitale-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Mulshoe-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Itca-----	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, too clayey, small stones.
194*: Vitale-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
195*: Wagonbox-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, too clayey.
Deunah-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Hatpeak-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
196*: Wareagle-----	Poor: slope.	Improbable: small stones.	Probable-----	Poor: small stones, area reclaim, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
196*: Povey-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
197*: Weash-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, slope.
Ruclick-----	Poor: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
198*: Weash-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock.
Schnipper-----	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Fair: cemented pan, too clayey, small stones.
199----- Welch	Fair: shrink-swell, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
200*: Welch-----	Fair: shrink-swell, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
Upcreek-----	Fair: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
201*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Blackleg-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Thacker-----	Good-----	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
202*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
202*: Budlewis-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
203*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Doodlelink-----	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
204*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Monasterio-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Yatahoney-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
205*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Parkay-----	Poor: slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: small stones, area reclaim, slope.
Bregar-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
206*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Wagonbox-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, cemented pan, too clayey.
Rubbleland.				

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
207*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Zecanyon-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
208*: Wickahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Zecanyon-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Hat-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
209*: Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Bedstead-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
210*: Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Cottle-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
211*: Willhill-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Cottle-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Longcreek-----	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.
212*: Xeric Torriorthents--	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

Table 8.--Construction Materials--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
212*: Typic Torriorthents--	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Badlands.				
213*: Xerollic Haplargids--	Poor: slope.	Probable-----	Probable-----	Poor: too sandy, small stones, area reclaim.
Xerollic Paleargids--	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Rubbleland.				
214*: Yatahoney-----	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Nicholflat-----	Poor: cemented pan, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, too clayey.
215*: Yatahoney-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
Zecanyon-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Deunah-----	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
216*: Zola-----	Fair: shrink-swell, low strength, thin layer.	Improbable: excess fines.	Improbable: excess fines.	Good.
Welch-----	Fair: shrink-swell, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 9.--Water Management

(Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry indicates that the soil was not evaluated. The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation)

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
1*: Acrelane-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Rock outcrop.					
2----- Alzola	Severe: seepage.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, erodes easily.
3*: Alzola-----	Severe: seepage, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
Troughs-----	Severe: cemented pan, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, cemented pan.
Bigflat-----	Severe: slope.	Moderate: thin layer, piping, large stones.	Deep to water----	Slope, percs slowly.	Slope, large stones.
4*: Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Buncelvoir-----	Severe: seepage.	Moderate: seepage, piping.	Deep to water----	Slope, percs slowly, erodes easily.	Erodes easily.
Chilcott-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
5*: Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Chilcott-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
6*: Arbidge-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Slope, cemented pan, erodes easily.
Heckison-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, cemented pan.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
7*:					
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Hunnton-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
8*:					
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Laped-----	Severe: cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock, cemented pan.
Slickspots.					
9*:					
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Owsel-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, erodes easily.	Erodes easily.
Gariper-----	Severe: seepage, slope.	Moderate: thin layer, large stones.	Deep to water----	Slope, percs slowly.	Slope, large stones.
10*:					
Arness-----	Severe: cemented pan.	Severe: thin layer.	Deep to water----	Slope, soil blowing, depth to rock.	Depth to rock, cemented pan, soil blowing.
Humdun-----	Moderate: seepage.	Severe: piping.	Deep to water----	Soil blowing, erodes easily.	Erodes easily, soil blowing.
11*:					
Babbington-----	Severe: seepage.	Moderate: thin layer, piping, wetness.	Deep to water----	Favorable-----	Erodes easily.
Beetville-----	Severe: seepage.	Severe: seepage, piping.	Deep to water----	Droughty, flooding.	Too sandy.
12*:					
Babbington-----	Severe: seepage.	Moderate: thin layer, piping, wetness.	Deep to water----	Erodes easily----	Erodes easily.
Piline-----	Slight-----	Severe: ponding.	Ponding, percs slowly.	Ponding, percs slowly, erodes easily.	Erodes easily, ponding, percs slowly.
13*:					
Badlands.					

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
13*: Typic Torriorthents---	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, depth to rock.	Slope, large stones, depth to rock.
Xeric Torriorthents---	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, depth to rock.	Slope, large stones, depth to rock.
14*: Bauscher-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water---	Slope, soil blowing.	Slope, soil blowing.
Bauscher-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water---	Slope, soil blowing.	Slope, soil blowing.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
15*: Bedstead-----	Severe: slope.	Severe: large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, cemented pan.	Cemented pan, erodes easily.
16*: Bieber-----	Severe: cemented pan, slope.	Severe: seepage.	Deep to water---	Slope, percs slowly, cemented pan.	Slope, cemented pan, percs slowly.
Hurryback-----	Severe: slope.	Slight-----	Deep to water---	Slope-----	Slope.
17*: Blackleg-----	Moderate: cemented pan, slope.	Severe: hard to pack.	Deep to water---	Slope, large stones, percs slowly.	Large stones, cemented pan.
Northcastle-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, cemented pan.	Cemented pan, erodes easily.
18*: Blackleg-----	Severe: slope.	Severe: hard to pack, large stones.	Deep to water---	Slope, large stones, percs slowly.	Slope, large stones, cemented pan.
Threek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, too sandy.
19----- Bluecreek	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, soil blowing, percs slowly.	Cemented pan, too sandy.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
20*: Booford-----	Severe: slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Barkley-----	Severe: seepage, slope.	Moderate: thin layer, piping.	Deep to water----	Slope, percs slowly.	Slope.
21*: Booford-----	Moderate: depth to rock, slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Blackleg-----	Moderate: cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, large stones, percs slowly.	Large stones, cemented pan.
22*: Boulder Lake-----	Slight-----	Severe: hard to pack, ponding.	Ponding, percs slowly.	Ponding, slow intake, percs slowly.	Ponding, percs slowly.
Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
23*: Brace-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Depth to rock, cemented pan.
Freshwater-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, depth to rock, cemented pan.
24*: Briabbit-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Murphill-----	Severe: depth to rock, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
25----- Bruncan	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, large stones, depth to rock.
26*: Bruncan-----	Severe: depth to rock, cemented pan.	Severe: piping.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
27*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Large stones, depth to rock.
Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty.	Too sandy.
Buncelvoir-----	Severe: seepage.	Moderate: seepage, piping.	Deep to water----	Slope, percs slowly.	Favorable.
28*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.
Jenor-----	Severe: seepage.	Severe: piping.	Deep to water----	Soil blowing, cemented pan.	Cemented pan, erodes easily, soil blowing.
Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
29*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: piping.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.
Laped-----	Severe: cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock, cemented pan.
30*:					
Bruncan-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, large stones, depth to rock.
Minveno-----	Severe: cemented pan, slope.	Severe: piping.	Deep to water----	Slope, depth to rock.	Slope, depth to rock, cemented pan.
31*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: piping.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.
Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Large stones, depth to rock.
32*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.
Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
33*:					
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: thin layer.	Deep to water----	Depth to rock, cemented pan.	Large stones, depth to rock.
Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Large stones, droughty.	Large stones, depth to rock.
Midraw-----	Severe: cemented pan.	Severe: thin layer.	Deep to water----	Percs slowly, depth to rock.	Large stones, depth to rock.
34*:					
Brunzell-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Doodlelink-----	Severe: slope.	Slight-----	Deep to water----	Slope, droughty.	Slope.
Threek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
35*:					
Catchell-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, cemented pan.
Longcreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
36*:					
Chayson-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, cemented pan.	Cemented pan.
Merlin-----	Severe: depth to rock.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
37*:					
Chilcott-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, percs slowly.
Igert-----	Severe: slope.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Slope, depth to rock.
38*:					
Chilcott-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Lamonta-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty, percs slowly.	Cemented pan, too sandy.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
39*: Chinabutte-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Alibi-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, percs slowly.	Slope, large stones, depth to rock.
40*: Cleavage-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Avtable-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
41*: Cleavage-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rubbleland.					
42*: Cleavage-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Snell-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
43*: Cottle-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
44*: Dehana-----	Moderate: slope.	Moderate: piping.	Deep to water----	Slope-----	Favorable.
Nagitsy-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
45*: Deunah-----	Moderate: depth to rock, cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
45*: Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Lostvalley-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
46*: Diawell-----	Severe: seepage, cemented pan, slope.	Severe: seepage.	Deep to water----	Slope, droughty, cemented pan.	Slope, cemented pan, too sandy.
McKeeth-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Large stones, too sandy.
47*: Dollarhide-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rock outcrop.					
48*: Doodlelink-----	Severe: slope.	Slight-----	Deep to water----	Slope, droughty.	Slope.
Bregar-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
49*: Doodlelink-----	Severe: slope.	Slight-----	Deep to water----	Slope, droughty.	Slope.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
50*: Doodlelink-----	Severe: slope.	Slight-----	Deep to water----	Slope, droughty.	Slope.
Snell-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
50*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
51*: Dougal-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, depth to rock.
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: thin layer.	Deep to water----	Slope, soil blowing, depth to rock.	Large stones, depth to rock.
52*: Dranyon-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
Dehana-----	Moderate: slope.	Moderate: piping.	Deep to water----	Slope-----	Favorable.
53*: Duco-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
Chinabutte-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Dougal-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, large stones, depth to rock.
54----- Escalante	Severe: seepage.	Severe: piping.	Deep to water----	Slope, soil blowing.	Soil blowing.
55*: Escalante-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, soil blowing.	Soil blowing.
Tindahay-----	Severe: seepage.	Severe: seepage, piping.	Deep to water----	Slope, droughty, fast intake.	Too sandy, soil blowing.
Ornea-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty, erodes easily.	Large stones, erodes easily.
56*: Fairylawn-----	Severe: slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, large stones, depth to rock.
Perla-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
57*: Fairylawn-----	Moderate: depth to rock, cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Large stones, depth to rock.
Schnipper-----	Moderate: cemented pan, slope.	Slight-----	Deep to water----	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
58*: Foxmount-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Povey-----	Severe: seepage, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Rubbleland.					
59*: Freshwater-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, depth to rock, cemented pan.
Larioscamp-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Dishpan-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Large stones, depth to rock, erodes easily.
60*: Fryingpan-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, large stones, depth to rock.
Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Nipintuck-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
61*: Fulcrum-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
62*: Gaib-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
62*: Wareagle-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Rock outcrop.					
63*: Gooding-----	Severe: slope.	Moderate: thin layer.	Deep to water----	Slope, percs slowly, erodes easily.	Slope, erodes easily, percs slowly.
Gariper-----	Severe: seepage, slope.	Moderate: thin layer, large stones.	Deep to water----	Slope, percs slowly.	Slope, large stones.
64----- Goose Creek	Moderate: seepage.	Moderate: thin layer, piping, wetness.	Deep to water----	Erodes easily----	Erodes easily.
65*: Graveya-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty.	Slope, large stones.
Ratsnest-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, erodes easily.
Rock outcrop.					
66*: Graylock-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
Takeuchi-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
67*: Hades-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
68*: Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty.	Too sandy.
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
69*: Hardtrigger-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty.	Slope, too sandy.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
69*:					
Briabbit-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water---	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Tindahay-----	Severe: seepage.	Severe: seepage, piping.	Deep to water---	Slope, droughty, fast intake.	Too sandy, soil blowing.
70*:					
Hardtrigger-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty.	Slope, too sandy.
Cottle-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Midraw-----	Severe: cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Slope, depth to rock.
71*:					
Hardtrigger-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty.	Slope, too sandy.
Enko-----	Moderate: seepage, slope.	Severe: piping.	Deep to water---	Slope, soil blowing, percs slowly.	Erodes easily, soil blowing.
72*:					
Hardtrigger-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty.	Slope, too sandy.
Gariper-----	Severe: seepage, slope.	Moderate: thin layer, large stones.	Deep to water---	Slope, percs slowly.	Slope, large stones.
Diawell-----	Severe: seepage, cemented pan, slope.	Severe: seepage.	Deep to water---	Slope, droughty, cemented pan.	Slope, cemented pan, too sandy.
73*:					
Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, droughty.	Too sandy.
Goose Creek-----	Moderate: seepage.	Moderate: thin layer, piping, wetness.	Deep to water---	Erodes easily---	Erodes easily.
74*:					
Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, droughty.	Too sandy.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
74*: Scism-----	Moderate: seepage, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
75*: Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty.	Too sandy.
Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Large stones, depth to rock.
Vickery-----	Severe: seepage.	Severe: seepage, piping.	Deep to water----	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
76*: Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Avtable-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
77*: Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Nagitsy-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Rock outcrop.					
78*: Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rock outcrop.					
Nipintuck-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
79*: Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Zecanyon-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
80*: Haw-----	Severe: seepage.	Severe: piping.	Deep to water----	Favorable-----	Erodes easily.
Renslow-----	Moderate: seepage.	Severe: piping.	Deep to water----	Erodes easily----	Erodes easily.
81*: Heckison-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Bigflat-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, droughty, percs slowly.	Erodes easily.
82*: Heckison-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Freshwater-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, depth to rock, cemented pan.
83*: Heckison-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Insidert-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan, erodes easily.
Bigflat-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, droughty, percs slowly.	Erodes easily.
84*: Hotcreek-----	Severe: depth to rock, cemented pan, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
85*: Hurryback-----	Severe: slope.	Slight-----	Deep to water----	Slope-----	Slope.
Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
85*: Avable-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
86*: Hurryback-----	Severe: slope.	Slight-----	Deep to water----	Slope-----	Slope.
Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
87*: Igert-----	Severe: slope.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Slope, depth to rock.
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Hardtrigger-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty.	Too sandy.
88*: Insidert-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan, erodes easily.
Tanner-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
89*: Jumpcreek-----	Severe: seepage, slope.	Moderate: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, depth to rock.
Frenchjohn-----	Severe: seepage, slope.	Severe: hard to pack.	Deep to water----	Slope, droughty, percs slowly.	Slope, depth to rock, percs slowly.
90*: Kanlee-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, soil blowing, depth to rock.	Slope, depth to rock, soil blowing.
Ola-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, depth to rock.
91*: Kanlee-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, soil blowing, depth to rock.	Slope, depth to rock, soil blowing.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
91*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Ola-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
92*: Kiyi-----	Severe: slope.	Moderate: large stones.	Deep to water----	Slope, percs slowly.	Slope, large stones, percs slowly.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Hades-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
93*: Larioscamp-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Dishpan-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Large stones, depth to rock, erodes easily.
Brace-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Depth to rock, cemented pan.
94*: Larioscamp-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Freshwater-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, depth to rock, cemented pan.
95*: Longcreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Hurryback-----	Severe: slope.	Slight-----	Deep to water----	Slope-----	Slope.
Succor-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, percs slowly.	Slope.
96*: Loomis-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
96*: Fairylawn-----	Moderate: depth to rock, cemented pan, slope.	Severe: hard to pack.	Deep to water---	Slope, percs slowly, depth to rock.	Large stones, depth to rock.
97*: Loomis-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Haw-----	Severe: seepage, slope.	Severe: piping.	Deep to water---	Slope, soil blowing.	Slope, erodes easily, soil blowing.
98*: Lostvalley-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Budlewis-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
99*: Mackey-----	Severe: seepage, slope.	Severe: seepage, large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Cottle-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
100*: McKeeth-----	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, large stones, droughty.	Large stones, too sandy.
Veta-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty.	Slope, large stones, too sandy.
101*: Merlin-----	Severe: depth to rock.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Lostvalley-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Chayson-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water---	Slope, cemented pan.	Cemented pan.
102*: Minveno-----	Severe: cemented pan.	Severe: piping.	Deep to water---	Slope, depth to rock.	Depth to rock, cemented pan.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
102*: Roseworth-----	Severe: seepage, cemented pan.	Severe: piping.	Deep to water----	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
103*: Mollic Haploxerafls----	Severe: slope.	Severe: piping.	Deep to water----	Slope, large stones, percs slowly.	Slope, large stones, depth to rock.
Pachic Argixerolls----	Severe: slope.	Severe: piping.	Deep to water----	Slope-----	Slope, large stones.
104*: Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Chayson-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, cemented pan.	Cemented pan.
Budlewis-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
105*: Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Cleavage-----	Severe: depth to rock.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Saturday-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
106*: Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Cleavage-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Thacker-----	Severe: seepage.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
107*: Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
107*: Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
108----- Mulshoe	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
109*: Mulshoe-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Squawcreek-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Gaib-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
110*: Nagitsy-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Rock outcrop.					
Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
111*: Nazaton-----	Severe: seepage, slope.	Moderate: large stones.	Deep to water----	Slope, large stones.	Slope, large stones.
Naz-----	Severe: seepage, slope.	Severe: piping.	Deep to water----	Slope-----	Slope.
112*: Nipintuck-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rock outcrop.					
113*: Nipintuck-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Squawcreek-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Rock outcrop.					

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
114*:					
Northcastle-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Bluecreek-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, percs slowly.	Cemented pan, too sandy.
Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
115*:					
Northcastle-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock, cemented pan.
Fryingpan-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, large stones, depth to rock.
116*:					
Ola-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Earcree-----	Severe: seepage, slope.	Moderate: thin layer, seepage.	Deep to water----	Slope, droughty, soil blowing.	Slope, soil blowing.
117*:					
Orovada-----	Moderate: seepage, slope.	Severe: piping.	Deep to water----	Slope, soil blowing, erodes easily.	Erodes easily, soil blowing.
Roseworth-----	Severe: seepage, cemented pan.	Severe: piping.	Deep to water----	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
Wholan-----	Moderate: seepage.	Severe: piping.	Deep to water----	Erodes easily----	Erodes easily.
118*:					
Owsel-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, erodes easily.	Erodes easily.
Coonskin-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, large stones, cemented pan.	Large stones, cemented pan.
Orovada-----	Moderate: seepage, slope.	Severe: piping.	Deep to water----	Slope, soil blowing, erodes easily.	Erodes easily, soil blowing.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
119----- Parkay	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
120*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Bregar-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
121*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Dehana-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
122*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Dehana-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
Booneville-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones.
123*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Povey-----	Severe: seepage, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
124*: Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Wickahoney-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
125----- Paynecreek	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, soil blowing.	Soil blowing.
126*: Paynecreek-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope-----	Favorable.
Barkley-----	Severe: seepage.	Moderate: thin layer, piping.	Deep to water----	Slope, percs slowly.	Favorable.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
126*: Chayson-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water---	Slope, cemented pan.	Cemented pan.
127*: Paynecreek-----	Severe: seepage.	Severe: seepage.	Deep to water---	Slope, soil blowing.	Soil blowing.
Northcastle-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, soil blowing, cemented pan.	Cemented pan.
128*: Paynecreek-----	Severe: seepage.	Severe: piping.	Deep to water---	Slope-----	Favorable.
Northcastle-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, cemented pan.	Cemented pan, erodes easily.
Blackwell-----	Slight-----	Severe: piping, wetness.	Flooding, frost action, cutbanks cave.	Wetness, flooding.	Wetness, too sandy.
129*: Perla-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Ruclick-----	Moderate: depth to rock, slope.	Severe: large stones.	Deep to water---	Slope, large stones, droughty.	Large stones, depth to rock.
130*. Pits, gravel					
131*. Pits and Dumps, mine					
132*: Pixley-----	Severe: seepage, cemented pan.	Severe: piping.	Deep to water---	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Barkley-----	Severe: seepage.	Moderate: thin layer, piping.	Deep to water---	Slope, percs slowly.	Favorable.
133*: Playas.					
Duric Natrargids-	Severe: seepage.	Severe: piping, ponding, excess salt.	Ponding, percs slowly, excess salt.	Ponding, percs slowly, erodes easily.	Erodes easily, ponding, percs slowly.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
134*: Plush-----	Severe: slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Rubbleland.					
Rock outcrop.					
135*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Kanlee-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, soil blowing, depth to rock.	Slope, depth to rock, soil blowing.
136*: Poisoncreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Kanlee-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, soil blowing, depth to rock.	Slope, depth to rock, soil blowing.
Bauscher-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, soil blowing.	Slope, soil blowing.
137*: Povey-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Dehana-----	Severe: slope.	Moderate: piping.	Deep to water----	Slope-----	Slope.
138*: Povey-----	Severe: seepage, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Earcree-----	Severe: seepage, slope.	Moderate: thin layer, seepage.	Deep to water----	Slope, droughty, soil blowing.	Slope, soil blowing.
139*: Povey-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Nagitsy-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, large stones, depth to rock.
140*: Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
140*: Takeuchi----- Rock outcrop.	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
141*: Ratsnest----- Ornea-----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, erodes easily.
142*: Roca----- Freshwater-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, droughty, erodes easily.	Large stones, erodes easily.
142*: Roca----- Freshwater-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, percs slowly.	Slope, large stones, depth to rock.
143*: Rock outcrop. Xerollic Haplargids-----	Severe: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Slope, depth to rock, cemented pan.
143*: Rock outcrop. Xerollic Haplargids-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty.	Slope, large stones, too sandy.
144*: Rubbleland. Rock outcrop. Pachic Argixerolls-----	Severe: slope.	Severe: pipng.	Deep to water----	Slope-----	Slope, large stones.
145*: Salisbury----- Gacey----- Barnard-----	Moderate: seepage, cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily, percs slowly.
145*: Salisbury----- Gacey----- Barnard-----	Severe: seepage, cemented pan.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, cemented pan.
145*: Salisbury----- Barnard-----	Severe: seepage.	Severe: pipng.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
146*: Saturday-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
146*: Mulshoe-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
147----- Scism	Severe: slope.	Severe: piping.	Deep to water----	Slope, cemented pan.	Slope, cemented pan, erodes easily.
148----- Scism	Moderate: seepage, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, soil blowing, cemented pan.	Cemented pan, erodes easily.
149*: Scism-----	Moderate: seepage, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, soil blowing, cemented pan.	Cemented pan, erodes easily.
Coonskin-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, cemented pan.	Slope, large stones, cemented pan.
150*: Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Bregar-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
151*: Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Bregar-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
Coser-----	Severe: slope.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
152*: Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Budlewis-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
153*: Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
153*: Coser-----	Severe: slope.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Threek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
154*: Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Pixley-----	Severe: seepage, cemented pan.	Severe: piping.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
155----- Shoofly	Severe: seepage, cemented pan.	Severe: seepage.	Deep to water----	Percs slowly, cemented pan.	Cemented pan, too sandy.
156*: Snell-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Kiyi-----	Severe: slope.	Moderate: large stones.	Deep to water----	Slope, percs slowly.	Slope, large stones, percs slowly.
157*: Snell-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
158*: Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Large stones, depth to rock.
Igert-----	Moderate: seepage, depth to rock, slope.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Depth to rock.
Bruncan-----	Severe: depth to rock, cemented pan.	Severe: piping.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
159*: Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Large stones, depth to rock.
Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
160*: Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Large stones, depth to rock.
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
161*: Southmount-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, erodes easily.	Slope, large stones, erodes easily.
Booneville-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones.
162*: Squawcreek-----	Severe: depth to rock.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.
Avtable-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock, cemented pan.
163*: Squawcreek-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
164*: Squawcreek-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Zecanyon-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, large stones, depth to rock.
165*: Strickland-----	Severe: slope.	Severe: piping.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
165*: Dehana-----	Severe: slope.	Moderate: piping.	Deep to water---	Slope-----	Slope.
Parkay-----	Severe: slope.	Severe: large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones.
166*: Succor-----	Severe: slope.	Severe: piping.	Deep to water---	Slope, percs slowly.	Slope.
Gooding-----	Severe: slope.	Moderate: thin layer.	Deep to water---	Slope, percs slowly, erodes easily.	Slope, erodes easily, percs slowly.
Deshler-----	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Slope, depth to rock, erodes easily.
167----- Sugarcreek	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
168*: Takeuchi-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Earcree-----	Severe: seepage, slope.	Moderate: thin layer, seepage.	Deep to water---	Slope, droughty, soil blowing.	Slope, soil blowing.
Rock outcrop.					
169*: Takeuchi-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Kanlee-----	Severe: slope.	Severe: piping.	Deep to water---	Slope, soil blowing, depth to rock.	Slope, depth to rock, soil blowing.
Poisoncreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
170*: Takeuchi-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty, soil blowing.	Slope, depth to rock, soil blowing.
Quicksilver-----	Severe: depth to rock, slope.	Severe: seepage.	Deep to water---	Slope, droughty, depth to rock.	Slope, depth to rock.
171----- Tanner	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water---	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
172*: Tanner-----	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Dishpan-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, depth to rock.	Large stones, depth to rock, erodes easily.
173*: Thacker-----	Severe: seepage.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Cleavage-----	Severe: depth to rock.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Bigflat-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, droughty, percs slowly.	Erodes easily.
174*: Thacker-----	Severe: seepage.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Cleavage-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Sharesnout-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
175*: Thacker-----	Severe: seepage.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Cleavage-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
176*: Threek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
Barkley-----	Severe: seepage, slope.	Moderate: thin layer, piping.	Deep to water----	Slope, percs slowly.	Slope.
Blackleg-----	Moderate: cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, large stones, percs slowly.	Large stones, cemented pan.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
177*: Threek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, too sandy.
Blackleg-----	Moderate: cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, large stones, percs slowly.	Large stones, cemented pan.
Hatpeak-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, percs slowly.
178*: Tindahay-----	Severe: seepage.	Severe: seepage, piping.	Deep to water----	Slope, droughty, fast intake.	Too sandy, soil blowing.
Royal-----	Severe: seepage, slope.	Severe: piping.	Deep to water----	Slope, soil blowing, erodes easily.	Slope, erodes easily, soil blowing.
Badlands.					
179*: Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Arbidge-----	Severe: seepage.	Severe: seepage.	Deep to water----	Slope, cemented pan.	Cemented pan, erodes easily.
180*: Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Jenor-----	Severe: seepage.	Severe: piping.	Deep to water----	Soil blowing, cemented pan.	Cemented pan, erodes easily, soil blowing.
Laped-----	Severe: cemented pan.	Severe: thin layer.	Deep to water----	Slope, depth to rock, cemented pan.	Large stones, depth to rock, cemented pan.
181*: Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Owsel-----	Severe: seepage.	Severe: piping.	Deep to water----	Slope, erodes easily.	Erodes easily.
182*: Troughs-----	Severe: cemented pan.	Severe: piping, large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock.
Sugarcreek-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
183*: Tucker-----	Slight-----	Severe: wetness.	Percs slowly, flooding, frost action.	Wetness, percs slowly.	Erodes easily, wetness.
Zola-----	Moderate: seepage.	Moderate: thin layer, piping, wetness.	Deep to water---	Erodes easily---	Erodes easily.
184*: Typic Haploxerolls----	Severe: seepage, slope.	Severe: seepage, large stones.	Deep to water---	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Pachic Argixerolls----	Severe: slope.	Severe: piping.	Deep to water---	Slope-----	Slope, large stones.
Badlands.					
185*: Typic Torripsamments--	Severe: seepage.	Severe: seepage, piping.	Deep to water---	Slope, droughty, fast intake.	Depth to rock, soil blowing.
Typic Torrifluvents---	Severe: seepage.	Severe: seepage, large stones.	Deep to water---	Large stones, droughty.	Large stones, too sandy, soil blowing.
186*: Typic Torripsamments--	Severe: seepage.	Severe: seepage, piping.	Deep to water---	Slope, droughty, fast intake.	Depth to rock, soil blowing.
Typic Torriorthents----	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, droughty, depth to rock.	Depth to rock.
187*: Upcreek-----	Severe: seepage.	Severe: seepage, wetness.	Flooding, large stones, cutbanks cave.	Wetness, flooding.	Wetness, too sandy.
Riverwash.					
188*: Vickery-----	Severe: seepage.	Severe: seepage, piping.	Deep to water---	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
Snowmore-----	Severe: seepage.	Severe: thin layer.	Deep to water---	Slope, droughty, depth to rock.	Large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
189*: Vipont-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Bauscher-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, soil blowing.	Slope, soil blowing.
190----- Vitale	Severe: slope.	Moderate: thin layer, seepage, piping.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
191*: Vitale-----	Severe: slope.	Moderate: thin layer, seepage, piping.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Cleavage-----	Severe: depth to rock, slope.	Severe: seepage, large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Bauscher-----	Severe: seepage, slope.	Severe: thin layer.	Deep to water----	Slope, soil blowing.	Slope, soil blowing.
192*: Vitale-----	Severe: slope.	Moderate: thin layer, seepage, piping.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Itca-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rubbleland.					
193*: Vitale-----	Severe: slope.	Moderate: thin layer, seepage, piping.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Mulshoe-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Itca-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
194*: Vitale-----	Severe: slope.	Moderate: thin layer, seepage, piping.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Rock outcrop.					

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
195*: Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock, cemented pan.
Deunah-----	Moderate: depth to rock, cemented pan, slope.	Severe: hard to pack.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Hatpeak-----	Moderate: cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, percs slowly.
196*: Wareagle-----	Severe: seepage, slope.	Severe: seepage.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Povey-----	Severe: seepage, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
197*: Weash-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, depth to rock.
Ruclick-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
198*: Weash-----	Severe: depth to rock.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Depth to rock.
Schnipper-----	Moderate: cemented pan, slope.	Slight-----	Deep to water----	Slope, cemented pan, erodes easily.	Cemented pan, erodes easily.
199----- Welch	Slight-----	Severe: wetness.	Flooding, frost action.	Wetness, flooding.	Wetness.
200*: Welch-----	Slight-----	Severe: wetness.	Flooding, frost action.	Wetness, flooding.	Wetness.
Upcreek-----	Severe: seepage.	Severe: seepage, wetness.	Flooding, large stones, cutbanks cave.	Wetness, flooding.	Wetness, too sandy.
201*: Wickahoney-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Blackleg-----	Severe: slope.	Severe: hard to pack, large stones.	Deep to water----	Slope, large stones, percs slowly.	Slope, large stones, cemented pan.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
201*: Thacker-----	Severe: seepage.	Moderate: thin layer, hard to pack.	Deep to water----	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily.
202*: Wickahoney-----	Severe: depth to rock.	Severe: large stones.	Deep to water----	Slope, large stones.	Large stones, depth to rock.
Budlewis-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
203*: Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Doodlelink-----	Severe: slope.	Slight-----	Deep to water----	Slope, droughty.	Slope.
204*: Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Monasterio-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.
Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: piping.	Deep to water----	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
205*: Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Parkay-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones.
Bregar-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.
206*: Wickahoney-----	Severe: depth to rock.	Severe: large stones.	Deep to water----	Slope, large stones.	Large stones, depth to rock.
Wagonbox-----	Severe: depth to rock, cemented pan.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Large stones, depth to rock, cemented pan.
Rubbleland.					

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
207*:					
Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Zecanyon-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, large stones, depth to rock.
208*:					
Wickahoney-----	Severe: depth to rock, slope.	Moderate: hard to pack, large stones.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
Zecanyon-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, percs slowly, depth to rock.	Slope, large stones, depth to rock.
Hat-----	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, large stones.	Slope, large stones, depth to rock.
209*:					
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Bedstead-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
210*:					
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Cottle-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
211*:					
Willhill-----	Severe: slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Cottle-----	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
Longcreek-----	Severe: depth to rock, slope.	Severe: large stones.	Deep to water----	Slope, large stones, droughty.	Slope, large stones, depth to rock.
212*:					
Xeric Torriorthents---	Severe: slope.	Severe: thin layer.	Deep to water----	Slope, depth to rock.	Slope, large stones, depth to rock.

See footnote at end of table.

Table 9.--Water Management--Continued

Soil name and map symbol	Limitations for--		Features affecting--		
	Pond reservoir areas	Embankments, dikes and levees	Drainage	Irrigation	Terraces and diversions
212*: Typic Torriorthents---	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, depth to rock.	Slope, large stones, depth to rock.
Badlands.					
213*: Xerollic Haplargids-----	Severe: seepage, slope.	Severe: seepage.	Deep to water---	Slope, droughty.	Slope, large stones, too sandy.
Xerollic Paleargids-----	Severe: slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.
Rubbleland.					
214*: Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: piping.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Nicholflat-----	Severe: cemented pan.	Severe: thin layer.	Deep to water---	Slope, percs slowly, cemented pan.	Cemented pan, erodes easily, percs slowly.
215*: Yatahoney-----	Moderate: depth to rock, cemented pan, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
Zecanyon-----	Moderate: seepage, depth to rock, slope.	Severe: thin layer.	Deep to water---	Slope, percs slowly, depth to rock.	Large stones, depth to rock.
Deunah-----	Moderate: depth to rock, cemented pan, slope.	Severe: hard to pack.	Deep to water---	Slope, percs slowly, depth to rock.	Depth to rock, cemented pan.
216*: Zola-----	Moderate: seepage.	Moderate: thin layer, piping, wetness.	Deep to water---	Erodes easily---	Erodes easily.
Welch-----	Slight-----	Severe: wetness.	Flooding, frost action.	Wetness, flooding.	Wetness.

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 10.--Engineering Index Properties

(The symbol < means less than; > means more than. Absence of an entry indicates that data were not estimated)

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO							
			In				3-10 inches	4	10	40	200
1*:											
Acrelane-----	0-6	Very gravelly sandy loam.	SM	A-1	0-5	60-90	35-50	20-35	10-20	---	NP
	6-12	Very gravelly sandy clay loam.	SC, SC-SM, GC, GM-GC	A-2	0-5	50-80	30-50	30-45	15-30	20-30	5-15
	12	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rock outcrop.											
2-----											
Alzola	0-4	Silt loam-----	CL-ML	A-4	0-5	85-100	80-95	75-90	60-75	20-30	5-10
	4-9	Cobbly silty clay loam, cobbly clay loam.	CL, GC	A-6	15-30	65-85	60-80	55-70	40-65	30-40	10-20
	9-14	Very cobbly clay loam, extremely cobbly clay loam.	GC	A-2, A-6	30-50	30-65	25-60	20-55	15-45	30-40	10-20
	14-60	Extremely cobbly sandy loam, very cobbly sandy loam, extremely cobbly loamy sand.	GP-GM, GM	A-1	30-50	25-50	20-45	10-30	5-15	15-20	NP-5
3*:											
Alzola-----	0-4	Stony loam-----	SM, SC-SM, GM, GM-GC	A-4	10-25	65-80	60-75	50-65	40-50	25-35	5-10
	4-15	Cobbly silty clay loam.	CL, ML	A-6, A-7	15-35	75-90	70-85	65-80	60-75	35-45	10-20
	15-22	Very cobbly clay loam.	GC, GM-GC, CL-ML, CL	A-4, A-6	15-35	60-85	55-80	45-70	35-60	25-40	5-15
	22-60	Very cobbly sandy loam, extremely cobbly loamy sand.	GP-GM, GM	A-1	30-50	25-50	20-45	10-30	5-15	15-20	NP-5
Troughs-----	0-6	Stony loam-----	ML, CL-ML, SM, SC-SM	A-4	10-25	75-90	70-85	60-75	40-60	25-35	5-10
	6-18	Very cobbly loam, very gravelly loam.	GM, GM-GC	A-4	30-50	55-75	50-70	40-60	35-50	25-35	5-10
	18-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bigflat-----	0-7	Stony loam-----	CL, ML, SC, SM	A-4, A-6	5-15	80-95	75-90	60-80	40-65	30-40	5-15
	7-20	Cobbly clay, cobbly clay loam, clay.	CL, CH	A-7	5-15	85-95	80-90	75-85	60-80	40-60	15-30
	20-44	Cobbly loam, cobbly fine sandy loam, gravelly fine sandy loam.	SM, SC-SM, GM, GM-GC	A-4	5-20	65-85	60-80	45-70	35-50	20-30	NP-10
	44-60	Cemented-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
4*:											
Arbidge-----	0-4	Loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	4-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-34	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	34-36	Cemented-----	---	---	---	---	---	---	---	---	---
	36-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
Buncelvoir-----	0-5	Silt loam-----	ML	A-4	0-5	90-100	85-100	80-95	65-85	30-40	5-10
	5-17	Silty clay loam, clay loam, clay.	CL, CH	A-7	0-5	90-100	85-100	80-95	70-90	40-60	15-30
	17-60	Gravelly sandy loam, gravelly fine sandy loam, fine sandy loam.	SM	A-1, A-2, A-4	0-5	65-100	60-90	40-65	20-40	20-30	NP-5
Chilcote-----	0-3	Loam-----	CL-ML, ML	A-4	0	100	100	85-100	60-90	20-30	NP-10
	3-14	Silty clay, silty clay loam.	CH, CL	A-7	0	100	100	95-100	85-95	40-55	15-30
	14-18	Silt loam-----	CL-ML, CL	A-4, A-6	0	100	100	90-100	70-90	20-35	5-15
	18-39	Fine sandy loam	SM	A-4	0	95-100	90-100	65-85	35-50	15-20	NP-5
	39-43	Indurated-----	---	---	---	---	---	---	---	---	---
	43	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
5*:											
Arbidge-----	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
Chilcote-----	0-8	Silt loam-----	CL-ML, ML	A-4	0	100	100	85-100	60-90	20-30	NP-10
	8-17	Silty clay, silty clay loam.	CH, CL	A-7	0	100	100	95-100	85-95	40-55	15-30
	17-37	Fine sandy loam	SM	A-4	0	95-100	90-100	65-85	35-50	15-20	NP-5
	37-44	Indurated-----	---	---	---	---	---	---	---	---	---
	44-48	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				
6*:											
Arbidge-----	0-4	Loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	4-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-34	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	34-36	Cemented-----	---	---	---	---	---	---	---	---	---
	36-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
Heckison-----	0-3	Loam-----	CL-ML, ML	A-4	0-10	95-100	90-100	80-95	60-75	20-30	NP-10
	3-12	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6	0-10	85-100	80-100	75-95	60-85	25-40	5-20
	12-30	Gravelly silt loam, silt loam, very fine sandy loam.	ML, CL-ML, GM, GM-GC	A-4	0-20	65-95	60-95	55-90	40-70	15-25	NP-10
	30-36	Indurated-----	---	---	---	---	---	---	---	---	---
	36-40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
7*:											
Arbidge-----	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
Hunnton-----	0-3	Silt loam-----	ML	A-4	0	95-100	85-100	75-100	60-75	20-35	NP-10
	3-11	Loam, clay loam, silty clay loam.	CL	A-6	0	95-100	90-100	75-95	60-90	30-35	10-15
	11-27	Clay, gravelly clay.	CH	A-7	0-5	75-100	60-95	60-95	55-85	50-60	25-35
	27-50	Indurated-----	---	---	---	---	---	---	---	---	---
8*:											
Arbidge-----	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
8*:											
Laped-----	0-8	Stony silt loam	ML, CL-ML	A-4	10-35	75-90	70-85	65-80	50-70	25-35	5-10
	8-16	Gravelly silty clay loam, gravelly clay loam.	CL, ML, GC, GM	A-6, A-7	0-10	60-80	55-75	50-70	40-60	35-45	10-20
	16-19	Gravelly loam, gravelly silt loam.	SM, GM	A-4	5-20	60-80	55-75	50-70	35-50	25-30	NP-5
	19-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Slickspots.											
9*:											
Arbidge-----	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
Owsel-----	0-10	Silt loam-----	ML, CL-ML	A-4	0	95-100	95-100	90-95	70-85	15-25	NP-10
	10-23	Silty clay loam	CL	A-6, A-7	0	95-100	95-100	90-100	85-95	35-45	15-25
	23-60	Sandy loam, very fine sandy loam, fine sandy loam.	ML, SM	A-4	0-5	95-100	95-100	65-90	35-55	15-20	NP-5
Gariper-----	0-9	Loam-----	ML, CL-ML	A-4	0-5	85-100	80-100	70-95	50-75	25-35	5-10
	9-22	Clay, clay loam	CL, CH	A-7	0-5	85-100	80-100	75-100	60-95	40-60	20-35
	22-47	Gravelly loam, gravelly sandy loam, very gravelly sandy loam.	SC, GC, SC-SM, GM-GC	A-2, A-4, A-6	0-30	40-80	35-75	25-65	15-50	25-35	5-15
	47-60	Cemented-----	---	---	---	---	---	---	---	---	---
10*:											
Arness-----	0-4	Fine sandy loam	SM	A-4, A-2	0	85-100	85-100	65-80	30-45	20-25	NP-5
	4-10	Loam-----	CL-ML	A-4	0	95-100	85-100	65-90	50-70	25-30	5-10
	10-19	Sandy clay loam, gravelly sandy clay loam, clay loam.	SC, CL	A-6, A-2	0	70-100	65-100	55-90	25-65	30-40	10-15
	19-33	Indurated-----	---	---	---	---	---	---	---	---	---
	33-37	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
10*:											
Humdun-----	0-4	Very fine sandy loam.	ML	A-4	0	100	100	85-95	50-65	15-25	NP-5
	4-25	Loam, very fine sandy loam, silt loam.	ML	A-4	0	100	100	85-95	60-80	30-40	NP-10
	25-60	Loam, very fine sandy loam, silt loam.	ML	A-4	0	100	100	85-95	60-80	30-40	NP-10
11*:											
Babbington-----	0-4	Loam-----	CL-ML	A-4	0	95-100	90-100	75-90	60-75	20-30	5-10
	4-29	Clay loam, silty clay loam.	CL	A-6, A-7	0	95-100	90-100	80-95	65-85	30-45	10-20
	29-42	Loam, silt loam, clay loam.	CL	A-6	0	90-100	85-100	70-95	55-75	30-40	10-20
	42-60	Stratified loamy sand to very gravelly sand.	SM, SP-SM, GM, GP-GM	A-2, A-1	0-5	40-95	30-90	20-50	5-20	---	NP-5
Beetville-----	0-13	Loam-----	ML, CL-ML	A-4	0	95-100	90-100	80-95	60-75	20-30	NP-10
	13-60	Stratified silt loam to gravelly loamy sand.	SM, SC-SM, ML, CL-ML	A-1, A-2, A-4	0	70-100	65-100	40-90	15-80	20-30	NP-10
12*:											
Babbington-----	0-3	Silt loam-----	CL-ML	A-4	0	100	95-100	85-95	75-90	20-30	5-10
	3-24	Clay loam, silty clay loam.	CL	A-6, A-7	0	95-100	90-100	80-95	65-85	30-45	10-20
	24-60	Loam, silt loam, clay loam.	CL	A-6	0	90-100	85-100	70-95	55-75	30-40	10-20
Piline-----	0-10	Silty clay loam	CL	A-7	0	100	100	95-100	90-95	40-50	20-30
	10-48	Clay loam, clay, silty clay.	CH	A-7	0	100	100	90-100	80-90	50-65	25-40
	48-60	Loam, silt loam	CL	A-6, A-7	0	100	95-100	90-100	70-90	35-45	15-20
13*:											
Badlands.											
Typic Torriorthents--	0-10	Silt loam-----	ML	A-4	10-20	80-100	75-100	65-95	50-90	20-30	NP-5
	10-45	Variable-----	---	---	---	---	---	---	---	---	---
	45	Weathered bedrock	---	---	---	---	---	---	---	---	---
Xeric Torriorthents--	0-4	Stony loam-----	SC-SM, GM-GC	A-4	5-25	55-90	50-85	40-75	35-50	25-30	5-10
	4-60	Variable-----	---	---	---	---	---	---	---	---	---
14*:											
Bauscher-----	0-8	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-95	55-70	25-40	20-30	NP-10
	8-30	Loam, sandy clay loam.	CL, SC	A-6	0	90-100	85-95	45-75	40-55	25-35	10-15
	30-42	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	75-95	65-85	40-60	25-30	20-25	NP-5
	42-46	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
14*: Bauscher-----	0-12	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-95	55-70	25-40	20-30	NP-10
	12-45	Loam, sandy clay loam.	CL, SC	A-6	0	90-100	85-95	45-75	40-55	25-35	10-15
	45-54	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	75-95	65-85	40-60	25-30	20-25	NP-5
	54-58	Weathered bedrock	---	---	---	---	---	---	---	---	---
Sharesnout-----	0-6	Stony loam-----	CL-ML, CL	A-4, A-6	0-5	75-85	75-85	65-75	50-60	25-40	5-15
	6-10	Extremely gravelly clay loam, very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	10-30	Extremely gravelly clay loam, extremely cobble clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
15*: Bedstead-----	0-11	Extremely stony silt loam.	CL-ML, CL	A-4, A-6	25-40	85-95	80-90	75-85	60-75	20-35	5-15
	11-21	Very cobble clay, extremely stony clay loam, extremely stony clay.	CL, CH	A-7	20-60	90-100	85-95	80-90	70-85	40-60	15-35
	21-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Arbidge-----	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
16*: Bieber-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-5	55-80	50-75	45-65	35-50	25-35	5-15
	4-11	Clay loam-----	GC, CL	A-6	0-5	55-90	50-85	45-70	40-60	30-40	10-20
	11-17	Clay, clay loam, gravelly clay.	CL, CH	A-7	0	65-95	60-90	55-85	50-80	45-60	20-35
	17-60	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
16*: Hurryback-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	50-65	25-35	5-15
	6-24	Gravelly loam, clay loam, loam.	CL, SC	A-6	0-5	75-95	70-90	60-80	40-60	30-40	10-20
	24-60	Gravelly loam, gravelly clay loam, clay loam.	CL, GC, SC	A-6, A-7	0-10	65-95	60-90	55-85	40-65	35-50	15-25
17*: Blackleg-----	0-8	Gravelly loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-15	80-95	75-90	65-85	45-65	25-35	5-15
	8-13	Cobbly clay, cobbly clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	13-29	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	29-42	Indurated-----	---	---	---	---	---	---	---	---	---
Northcastle-----	0-16	Loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	70-95	55-75	25-35	5-15
	16-34	Clay loam, sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0	65-100	60-100	55-95	40-75	30-40	10-20
	34-60	Indurated-----	---	---	---	---	---	---	---	---	---
	60-72	Loamy sand, sandy loam, gravelly sandy loam.	SC-SM, SM	A-2, A-1	0	65-100	60-100	35-70	15-35	20-30	NP-10
18*: Blackleg-----	0-13	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-30	85-95	85-90	55-85	45-65	25-35	5-15
	13-23	Cobbly clay, cobbly clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	23-36	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	36-50	Indurated-----	---	---	---	---	---	---	---	---	---
Threek-----	0-4	Stony loam-----	GM-GC, GC, SC-SM, SC	A-4, A-6	5-10	65-85	60-80	50-70	35-50	25-35	5-15
	4-12	Very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	0-40	35-65	30-60	25-55	20-50	30-45	10-25
	12-24	Very gravelly clay, extremely gravelly clay.	GC	A-2, A-7	0-30	25-60	20-55	15-50	15-45	45-75	20-45
	24-60	Stratified fine sandy loam to extremely gravelly loamy sand.	GP-GM, SP-SM, GM, SM	A-1, A-3, A-2	0-30	25-90	20-85	10-60	5-35	15-25	NP-5

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
19----- Bluecreek	0-9	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-100	55-70	25-50	20-30	NP-10
	9-24	Clay, sandy clay, clay loam.	CH, CL, SC	A-6, A-7	0	85-100	80-100	70-100	40-85	30-55	10-30
	24-35	Cemented-----	---	---	---	---	---	---	---	---	---
	35-60	Gravelly loamy sand, very gravelly sand, sand.	SP, SP-SM, SM	A-1, A-2	0	60-90	40-80	15-55	0-25	---	NP
20*: Booford-----	0-10	Loam-----	CL, CL-ML	A-4, A-6	0-5	85-100	80-100	55-95	50-90	25-35	5-15
	10-14	Clay loam, gravelly clay loam.	CL	A-7	0-5	75-95	70-90	65-85	50-70	40-50	15-25
	14-25	Clay, gravelly clay.	CH, MH	A-7	0-5	75-95	70-90	65-85	55-80	50-65	20-35
	25	Weathered bedrock	---	---	---	---	---	---	---	---	---
Barkley-----	0-7	Stony loam-----	SC-SM, CL-ML, SC, CL	A-4	5-10	75-95	70-90	60-80	45-65	25-30	5-10
	7-26	Sandy clay loam, clay loam.	SC, CL	A-6, A-7	0-5	85-95	80-90	70-85	40-65	30-45	10-20
	26-38	Sandy loam, gravelly sandy loam.	SM, SC-SM	A-1, A-2	0-5	65-90	60-85	40-55	20-30	20-25	NP-5
	38-48	Very gravelly sandy loam.	SM, GM, GP-GM, SP-SM	A-1	0-10	50-60	40-50	25-35	10-20	20-25	NP-5
	48-60	Gravelly sandy loam.	SM, GM, GM-GC, SC-SM	A-1, A-2	0-5	55-75	50-70	30-50	15-30	20-25	NP-5
21*: Booford-----	0-10	Loam-----	CL, CL-ML	A-4, A-6	0-5	85-100	80-100	55-95	50-90	25-35	5-15
	10-14	Clay loam, gravelly clay loam.	CL	A-7	0-5	75-95	70-90	65-85	50-70	40-50	15-25
	14-25	Clay, gravelly clay.	CH, MH	A-7	0-5	75-95	70-90	65-85	55-80	50-65	20-35
	25	Weathered bedrock	---	---	---	---	---	---	---	---	---
Blackleg-----	0-8	Gravelly loam----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-15	80-95	75-90	65-85	45-65	25-35	5-15
	8-13	Cobbly clay, cobbly clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	13-29	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	29-42	Indurated-----	---	---	---	---	---	---	---	---	---
22*: Boulder Lake-----	0-2	Clay-----	CH	A-7	0	100	100	90-100	80-95	60-70	45-55
	2-45	Clay, silty clay	CH	A-7	0	100	100	90-100	80-95	60-70	45-55
	45-60	Silty clay loam	CL	A-6, A-7	0	100	100	95-100	85-95	35-45	15-25

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
22*:											
Yatahoney-----	0-9	Silt loam-----	CL-ML	A-4	0-5	95-100	85-95	75-85	60-75	25-30	5-10
	9-22	Clay loam, sandy clay loam, gravelly clay loam.	CL, CL-ML	A-4, A-6	0-5	70-100	65-100	60-95	50-75	25-40	5-15
	22-26	Clay-----	CL, CH	A-7	0-5	95-100	90-100	85-100	70-90	40-60	20-40
	26-32	Indurated-----	---	---	---	---	---	---	---	---	---
	32-36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
23*:											
Brace-----	0-6	Loam-----	CL-ML, ML	A-4	0-5	80-100	75-100	65-90	50-70	25-35	5-10
	6-19	Clay loam, gravelly clay loam.	ML, GC, CL	A-6, A-7	0-15	60-100	55-95	50-90	40-70	35-45	10-20
	19-23	Gravelly loam, gravelly clay loam, cobbly clay loam.	GM-GC, GC, CL-ML, CL	A-4, A-6	5-25	60-95	55-90	50-80	35-70	25-40	5-15
	23-26	Indurated-----	---	---	---	---	---	---	---	---	---
	26	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Freshwater-----	0-5	Stony loam-----	CL-ML, CL	A-4, A-6	5-10	85-100	80-90	65-85	50-70	20-35	5-15
	5-18	Gravelly clay loam, gravelly silty clay loam, clay loam.	GC, SC, CL	A-6	0-10	60-95	55-90	50-85	40-80	30-40	10-20
	18-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
24*:											
Briabbit-----	0-10	Fine sandy loam	SM	A-2, A-4	0-5	85-100	80-95	55-70	30-45	20-30	NP-5
	10-22	Cobbly sandy loam, sandy loam, gravelly sandy loam.	SM	A-1, A-2	0-15	70-95	65-90	40-60	20-30	20-30	NP-5
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Murphill-----	0-3	Very gravelly fine sandy loam.	GM	A-1	0-10	35-55	30-50	20-40	10-25	20-30	NP-5
	3-14	Very gravelly fine sandy loam, extremely gravelly loamy sand, very gravelly sandy loam.	GM, GP-GM	A-1	0-20	20-50	15-45	10-30	5-20	20-30	NP-5
	14	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				
25----- Bruncan	0-4	Very stony silt loam.	CL-ML, CL	A-4, A-6	15-30	80-95	75-90	65-80	50-70	20-35	5-15
	4-16	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	25-40	10-20
	16-20	Very gravelly loam, very cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	45-65	40-60	35-55	25-45	20-35	5-15
	20-26	Indurated-----	---	---	---	---	---	---	---	---	---
26*: Bruncan-----	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
	0-2	Gravelly silt loam.	CL, CL-ML, GM-GC, GC	A-4, A-6	0-5	65-85	60-80	45-70	35-60	25-35	5-15
	2-8	Silt loam, silty clay loam, clay loam.	CL	A-6	0-5	90-100	85-100	75-95	60-85	25-40	10-25
	8-14	Very cobbly silt loam, very cobbly loam, very gravelly loam.	GM, GM-GC, ML, CL-ML	A-2, A-4	15-50	45-75	40-70	35-65	25-55	20-30	NP-10
	14-16	Indurated-----	---	---	---	---	---	---	---	---	---
Arbidge-----	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
	0-3	Silt loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	3-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-30	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	30-38	Cemented-----	---	---	---	---	---	---	---	---	---
27*: Bruncan-----	38-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
	0-3	Stony loam-----	CL-ML, CL	A-4, A-6	5-15	85-100	80-95	65-90	50-70	25-35	5-15
	3-11	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	30-40	10-20
	11-14	Very cobbly loam, very gravelly loam.	GC, GM-GC	A-2, A-4, A-6	15-55	45-65	40-60	35-55	25-45	20-35	5-15
	14-20	Indurated-----	---	---	---	---	---	---	---	---	---
20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---	

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
27*:											
Hardtrigger-----	0-8	Gravelly loam----	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	8-20	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	20-28	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
	28-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP
Buncelvoir-----	0-7	Loam-----	ML, CL-ML	A-4	0-5	90-100	85-100	70-90	55-70	25-35	5-10
	7-19	Silty clay loam, clay loam, clay.	CL, CH	A-7	0-5	90-100	85-100	80-95	70-90	40-60	15-30
	19-60	Gravelly sandy loam, gravelly fine sandy loam, fine sandy loam.	SM	A-1, A-2, A-4	0-5	65-100	60-90	40-65	20-40	20-30	NP-5
28*:											
Bruncan-----	0-3	Very stony loam	CL-ML, CL	A-4, A-6	15-30	80-95	75-90	65-80	50-70	20-35	5-15
	3-11	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	25-40	10-20
	11-14	Very gravelly loam, very cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	45-65	40-60	35-55	25-45	20-35	5-15
	14-20	Indurated-----	---	---	---	---	---	---	---	---	---
	20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Jenor-----	0-5	Very fine sandy loam.	ML, CL-ML	A-4	0	90-100	90-100	80-95	50-65	15-25	NP-10
	5-21	Fine sandy loam, loam.	SM, SC-SM	A-4	0-5	80-95	75-95	60-75	35-50	15-25	NP-10
	21-60	Indurated-----	---	---	---	---	---	---	---	---	---
Troughs-----	0-2	Very stony loam	CL-ML, CL, GC, GM-GC	A-4, A-6	10-30	55-80	50-75	40-70	35-60	25-35	5-15
	2-8	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	8-15	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	15-30	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
29*: Bruncan-----	0-2	Gravelly silt loam.	CL, CL-ML, GM-GC, GC	A-4, A-6	0-5	65-85	60-80	45-70	35-60	25-35	5-15
	2-8	Silt loam, silty clay loam, clay loam.	CL	A-6	0-5	90-100	85-100	75-95	60-85	25-40	10-25
	8-14	Very cobbly silt loam, very cobbly loam, very gravelly loam.	GM, GM-GC, ML, CL-ML	A-2, A-4	15-50	45-75	40-70	35-65	25-55	20-30	NP-10
	14-16	Indurated-----	---	---	---	---	---	---	---	---	---
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Laped-----	0-8	Stony silt loam	ML, CL-ML	A-4	10-35	75-90	70-85	65-80	50-70	25-35	5-10
	8-16	Gravelly silty clay loam, gravelly clay loam.	CL, ML, GC, GM	A-6, A-7	0-10	60-80	55-75	50-70	40-60	35-45	10-20
	16-19	Gravelly loam, gravelly silt loam.	SM, GM	A-4	5-20	60-80	55-75	50-70	35-50	25-30	NP-5
	19-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
30*: Bruncan-----	0-4	Very stony silt loam.	CL-ML, CL	A-4, A-6	15-30	80-95	75-90	65-80	50-70	20-35	5-15
	4-16	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	25-40	10-20
	16-20	Very gravelly loam, very cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	45-65	40-60	35-55	25-45	20-35	5-15
	20-26	Indurated-----	---	---	---	---	---	---	---	---	---
	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Minveno-----	0-3	Stony silt loam	ML	A-4	0	90-100	85-100	80-100	80-90	15-25	NP-5
	3-19	Loam, silt loam, very fine sandy loam.	ML	A-4	0	90-100	85-100	80-100	80-90	15-25	NP-5
	19-23	Indurated-----	---	---	---	---	---	---	---	---	---
	23-27	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
31*: Bruncan-----	0-6	Silt loam-----	CL-ML, CL	A-6, A-4	0-5	90-100	85-100	70-95	55-85	20-35	5-15
	6-15	Silt loam, silty clay loam, clay loam.	CL	A-6	0-5	90-100	85-100	75-95	60-85	25-40	10-25
	15-19	Very cobbly silt loam, very cobbly loam, very gravelly loam.	GM, GM-GC, ML, CL-ML	A-2, A-4	15-50	45-75	40-70	35-65	25-55	20-30	NP-10
	19-24	Indurated-----	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
31*: Snowmore-----	0-4	Silt loam-----	ML, CL-ML	A-4	0-5	95-100	80-95	70-95	50-70	25-35	5-10
	4-13	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	13-23	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	23-28	Indurated-----	---	---	---	---	---	---	---	---	---
	28-32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
32*: Bruncan-----	0-3	Very stony loam	CL-ML, CL	A-4, A-6	15-30	80-95	75-90	65-80	50-70	20-35	5-15
	3-11	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	25-40	10-20
	11-14	Very gravelly loam, very cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	45-65	40-60	35-55	25-45	20-35	5-15
	14-20	Indurated-----	---	---	---	---	---	---	---	---	---
	20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Troughs-----	0-2	Very stony loam	CL-ML, CL, GC, GM-GC	A-4, A-6	10-30	55-80	50-75	40-70	35-60	25-35	5-15
	2-8	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	8-15	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	15-30	Indurated-----	---	---	---	---	---	---	---	---	---
33*: Bruncan-----	0-2	Extremely stony silt loam.	CL-ML, CL	A-4, A-6	15-50	95-100	90-95	80-90	50-70	20-35	5-15
	2-11	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	25-40	10-20
	11-18	Very gravelly loam, very cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	45-65	40-60	35-55	25-45	20-35	5-15
	18-20	Indurated-----	---	---	---	---	---	---	---	---	---
	20-24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
33*: Troughs-----	0-3	Extremely stony silt loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	30-45	70-95	65-90	55-85	45-70	20-35	5-15
	3-7	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	7-13	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	13-20	Indurated-----	---	---	---	---	---	---	---	---	---
Midraw-----	0-3	Very stony silt loam.	CL	A-6	15-40	70-90	65-85	60-80	55-70	25-35	10-15
	3-6	Gravelly clay loam, gravelly silty clay loam.	CL, GC	A-6, A-7	5-10	60-85	55-80	50-75	40-70	35-45	15-25
	6-15	Gravelly clay, cobbly clay, gravelly clay loam.	CL, CH	A-7	5-15	65-80	60-75	55-70	50-65	40-60	20-30
	15-20	Indurated-----	---	---	---	---	---	---	---	---	---
	20-24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
34*: Brunzell-----	0-9	Gravelly loam----	GM-GC, SC-SM, SM, GM	A-4	0-10	60-80	55-75	50-65	35-50	25-35	5-10
	9-25	Very gravelly clay loam, very gravelly sandy clay loam, very cobbly clay loam.	GC	A-2, A-6	5-30	45-65	40-60	35-55	15-40	30-40	10-15
	25-60	Very cobbly sandy loam, extremely cobbly sandy loam, extremely cobbly sandy clay loam.	GM, GM-GC	A-1, A-2	25-50	25-55	20-50	15-40	10-25	20-30	NP-10
Doodlelink-----	0-6	Gravelly loam----	GM-GC, SC-SM	A-4	0-5	60-80	50-75	45-65	35-50	20-25	5-10
	6-25	Very gravelly loam, extremely gravelly clay loam.	GM, GM-GC	A-2	0-5	35-55	20-45	20-40	15-30	25-35	5-10
	25-60	Extremely gravelly clay loam, extremely gravelly loam, very gravelly sandy loam.	GC, GM-GC, GP-GC	A-2	0-25	25-40	10-30	10-25	5-20	25-40	5-15

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
In											
34*: Threek-----	0-7	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-5	60-80	55-75	50-65	35-50	25-35	5-15
	7-13	Very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	0-40	35-65	30-60	25-55	20-50	30-45	10-25
	13-31	Very gravelly clay, extremely gravelly clay.	GC	A-2, A-7	0-30	25-60	20-55	15-50	15-45	45-75	20-45
	31-60	Stratified fine sandy loam to extremely gravelly loamy sand.	GP-GM, SP-SM, GM, SM	A-1, A-3, A-2	0-30	25-90	20-85	10-60	5-35	15-25	NP-5
35*: Catchell-----	0-8	Loam-----	CL-ML	A-4	0	85-100	80-95	65-85	50-70	20-30	5-10
	8-18	Clay, silty clay, silty clay loam.	CL, CH	A-7	0	90-100	85-100	75-100	70-95	40-65	20-40
	18-25	Loam, gravelly loam, silt loam.	ML, GM, SM	A-4	0	55-100	50-100	45-90	35-70	20-35	NP-10
	25-26	Indurated-----	---	---	---	---	---	---	---	---	---
	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Longcreek-----	0-4	Gravelly loam----	SC, SC-SM	A-4, A-6	0-10	60-75	55-70	50-65	40-50	25-40	5-15
	4-17	Very cobble clay loam.	CL, GC	A-7	25-40	55-75	50-70	45-70	35-55	40-50	15-25
	17-21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
36*: Chayson-----	0-4	Silt loam-----	ML	A-4	0-5	90-100	85-100	75-90	55-75	30-35	5-10
	4-27	Clay loam, gravelly clay loam, gravelly loam.	ML, CL, SC, SM	A-6, A-7	0-5	75-100	60-95	55-85	40-75	35-45	10-20
	27-37	Gravelly loam, very gravelly loam.	GM, GC	A-4, A-6	0-10	55-75	50-70	45-65	35-50	30-40	5-15
	37-45	Indurated-----	---	---	---	---	---	---	---	---	---
	45	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Merlin-----	0-4	Very stony loam	CL, GC, SC	A-6	15-30	55-90	55-85	45-85	35-60	30-40	10-15
	4-19	Clay loam, clay	CH	A-7	0-5	80-100	75-100	70-100	50-95	50-65	30-40
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
37*: Chilcott-----	0-5	Gravelly loam----	CL-ML, CL, GC, GM-GC	A-4, A-6	0-5	65-85	55-75	45-65	35-55	25-35	5-15
	5-12	Gravelly clay----	GC, SC	A-7	0-5	65-80	50-70	45-55	40-50	50-65	25-35
	12-21	Very gravelly clay, very gravelly clay loam.	GC	A-2, A-7	0-15	55-65	35-45	30-40	30-40	40-65	20-35
	21-60	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
37*: Igert-----	0-12	Gravelly loam----	CL-ML, GM-GC, SC-SM	A-4	0-5	70-80	65-75	50-65	40-60	20-30	5-10
	12-23	Gravelly clay loam, gravelly loam, clay loam.	ML, CL, GC	A-6, A-7	0-5	70-90	65-85	55-80	45-65	35-45	10-20
	23-39	Extremely gravelly loam, very gravelly loam, gravelly loam.	GM-GC, GM	A-2, A-1	0-15	20-60	15-55	10-40	10-30	20-30	NP-10
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
38*: Chilcott-----	0-7	Loam-----	CL-ML, ML	A-4	0	95-100	95-100	90-100	65-90	20-30	NP-10
	7-11	Silty clay loam, clay, silty clay.	CL, CH	A-7	0	95-100	95-100	85-100	70-95	45-60	25-40
	11-31	Silt loam, clay loam, loam.	CL-ML, CL	A-4, A-6	0	90-100	90-100	85-100	70-90	25-35	5-15
	31-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40-60	Very gravelly sand, sandy loam.	GM, GP-GM, SM, SP-SM	A-1	0-5	50-65	35-50	20-35	5-20	---	NP
Lamonta-----	0-7	Gravelly clay loam.	ML, GM, SM	A-6, A-7	0-5	65-80	60-75	55-70	40-55	35-45	10-15
	7-18	Clay-----	CH	A-7	0	85-100	80-95	70-90	60-85	50-80	30-55
	18-23	Clay loam-----	CL	A-7	0	85-100	80-95	70-90	60-85	40-50	15-25
	23-28	Indurated-----	---	---	---	---	---	---	---	---	---
	28-60	Very cobbly loamy sand.	GM, SM	A-1	20-35	45-70	40-65	25-45	10-20	20-25	NP-5
39*: Chinabutte-----	0-5	Very stony loam	GM, GM-GC	A-2, A-4	10-30	45-75	40-70	35-65	25-50	25-35	5-10
	5-8	Very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	10-40	45-65	40-60	35-55	30-45	30-45	10-20
	8-15	Extremely cobbly clay loam, very cobbly clay loam, extremely gravelly clay loam.	GC	A-2, A-6, A-7	15-70	30-55	25-50	20-45	15-40	35-45	15-25
	15	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
39*:											
Alibi-----	0-7	Very stony loam	GC, GM	A-2, A-4, A-6	10-15	45-75	40-70	35-60	25-50	30-40	5-15
	7-17	Gravelly clay, clay, gravelly clay loam.	CL, CH, GC	A-7	0-5	60-90	55-85	45-80	40-70	40-65	20-40
	17-23	Very gravelly sandy loam, very gravelly sandy clay loam, very cobbly sandy loam.	GM-GC, GC	A-2	10-35	40-60	35-55	20-40	15-25	25-35	5-15
	23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
40*:											
Cleavage-----	0-8	Stony loam-----	GM, GC	A-2, A-4, A-6	5-20	40-60	35-55	30-45	25-40	30-40	5-15
	8-18	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Avtable-----	0-4	Stony loam-----	CL-ML, ML, GM-GC	A-4	5-15	65-85	60-80	50-75	35-60	25-35	5-10
	4-10	Cobbly clay loam, gravelly loam, very gravelly loam.	GM, GC, SM, SC	A-4, A-6	5-25	55-80	50-75	45-70	35-50	30-40	5-15
	10-19	Extremely stony clay loam, very cobbly loam, extremely gravelly loam.	GC, GM	A-2, A-4, A-6	30-65	35-70	30-65	25-60	20-50	30-40	5-15
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
41*: Cleavage-----	0-8	Stony loam-----	GM, GC	A-2, A-4, A-6	5-20	40-60	35-55	30-45	25-40	30-40	5-15
	8-18	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rubbleland.											
42*: Cleavage-----	0-9	Very stony loam	GM, GC	A-2, A-4, A-6	10-30	40-60	35-55	30-45	25-40	30-40	5-15
	9-16	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Snell-----	0-10	Stony loam-----	ML, SM, CL-ML, SC-SM	A-4	20-50	80-100	70-100	60-95	40-75	25-35	5-10
	10-22	Very gravelly clay loam.	GM, GC	A-6, A-2	5-20	40-60	35-55	30-50	25-40	35-40	10-15
	22-39	Very cobbly clay, extremely cobbly clay, very cobbly clay loam.	CL, CH, GC, SC	A-2, A-7	40-75	50-100	45-100	35-95	30-90	40-55	20-35
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
43*: Cottle-----	0-3	Stony fine sandy loam.	GM-GC, SC-SM	A-2, A-4	5-10	55-80	50-75	40-60	25-40	25-30	5-10
	3-10	Very gravelly loam, gravelly clay loam, very gravelly clay loam.	GC	A-2	5-15	40-60	35-60	30-50	20-35	30-40	10-15
	10-16	Very gravelly loam, extremely gravelly clay loam, extremely cobbly clay loam.	GC, GP-GC	A-2	10-40	25-50	20-40	15-30	10-25	30-45	10-20
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
43*:											
Willhill-----	0-3	Stony loam-----	CL-ML, ML	A-4	5-10	75-85	70-80	60-70	50-60	20-30	NP-10
	3-10	Very gravelly clay loam, gravelly clay loam, very cobble clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	10-22	Extremely gravelly loam, extremely cobble loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
44*:											
Dehana-----	0-20	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	20-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15
Nagitsy-----	0-17	Gravelly loam----	GM, SM	A-4	0-5	60-80	55-75	45-65	35-50	25-35	NP-10
	17-35	Very gravelly loam, extremely gravelly loam.	GM, GC	A-2	0-40	35-55	30-50	25-45	20-35	30-40	5-15
	35-39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
45*:											
Deunah-----	0-3	Very stony loam	CL-ML, CL	A-4, A-6	25-30	95-100	90-100	80-95	60-85	20-35	5-15
	3-7	Clay loam, cobble clay loam.	CL-ML, CL	A-4, A-6	0-15	95-100	95-100	85-95	70-80	25-40	5-15
	7-25	Clay-----	CH	A-7	0-5	95-100	95-100	90-100	75-95	60-80	30-45
	25-28	Indurated-----	---	---	---	---	---	---	---	---	---
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Yatahoney-----	0-9	Silt loam-----	CL-ML	A-4	0-5	95-100	85-95	75-85	60-75	25-30	5-10
	9-22	Clay loam, sandy clay loam, gravelly clay loam.	CL, CL-ML	A-4, A-6	0-5	70-100	65-100	60-95	50-75	25-40	5-15
	22-26	Clay-----	CL, CH	A-7	0-5	95-100	90-100	85-100	70-90	40-60	20-40
	26-38	Indurated-----	---	---	---	---	---	---	---	---	---
	38	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Lostvalley-----	0-6	Very stony silt loam.	CL-ML, CL	A-4, A-6	30-40	95-100	90-100	85-95	70-85	25-35	5-15
	6-27	Clay, silty clay, cobble clay.	CH, MH	A-7	0-20	95-100	95-100	90-100	85-95	50-70	20-40
	27-32	Clay loam, gravelly clay loam, cobble clay loam.	CL	A-6	0-35	75-95	70-90	70-85	50-70	30-40	10-20
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				
46*: Diawell-----	0-6	Gravelly sandy clay loam.	SC	A-2, A-6	0-5	65-80	60-75	50-65	25-40	30-40	10-15
	6-11	Gravelly sandy clay loam, gravelly clay loam, clay loam.	SC, GC, ML, CL	A-2, A-6, A-7	0-5	55-95	50-90	40-80	25-60	35-45	10-20
	11-20	Gravelly fine sandy loam, gravelly sandy loam.	SM, GM	A-1, A-2	0-5	55-80	50-75	30-55	20-35	20-30	NP-5
	20-22	Cemented-----	---	---	---	---	---	---	---	---	---
	22-60	Stratified gravelly sandy loam to very gravelly loamy sand.	SM, GM	A-1	0	50-90	35-75	20-50	10-25	---	NP
McKeeth-----	0-5	Gravelly loam----	GC, SC	A-6	0-5	60-80	60-75	50-65	35-50	30-35	10-15
	5-16	Gravelly loam, gravelly sandy clay loam, gravelly clay loam.	SC, GC	A-6, A-7, A-2	0-30	55-75	50-70	40-60	30-50	35-45	15-20
	16-20	Gravelly sandy loam, very gravelly sandy loam.	SM, GM	A-1	0-30	45-65	40-60	30-45	15-25	15-20	NP-5
	20-60	Very gravelly loamy sand, extremely gravelly coarse sand, extremely gravelly loamy sand.	GP-GM, GP	A-1	5-35	15-45	10-40	5-20	0-10	---	NP
47*: Dollarhide-----	0-5	Very stony loam	GM	A-1, A-2	10-30	40-55	35-50	25-50	15-30	20-25	NP-5
	5-13	Extremely cobbly fine sandy loam, extremely cobbly loam, very gravelly loam.	GM	A-1, A-2	15-60	40-50	40-45	30-40	15-30	20-25	NP-5
	13-17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
48*: Doodlelink-----	0-6	Gravelly loam----	GM-GC, SC-SM	A-4	0-5	60-80	50-75	45-65	35-50	20-25	5-10
	6-25	Very gravelly loam, extremely gravelly clay loam.	GM, GM-GC	A-2	0-5	35-55	20-45	20-40	15-30	25-35	5-10
	25-60	Extremely gravelly clay loam, extremely gravelly loam, very gravelly sandy loam.	GC, GM-GC, GP-GC	A-2	0-25	25-40	10-30	10-25	5-20	25-40	5-15

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
48*: Bregar-----	0-4	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-20	70-90	60-85	50-75	40-60	20-35	5-15
	4-8	Extremely gravelly loam, very cobbly loam, extremely gravelly clay loam.	GC	A-2	5-40	35-55	25-50	20-40	15-35	30-40	10-20
	8	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
49*: Doodlelink-----	0-6	Gravelly loam----	GM-GC, SC-SM	A-4	0-5	60-80	50-75	45-65	35-50	20-25	5-10
	6-25	Very gravelly loam, extremely gravelly clay loam.	GM, GM-GC	A-2	0-5	35-55	20-45	20-40	15-30	25-35	5-10
	25-60	Extremely gravelly clay loam, extremely gravelly loam, very gravelly sandy loam.	GC, GM-GC, GP-GC	A-2	0-25	25-40	10-30	10-25	5-20	25-40	5-15
Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				
49*: Parkay-----	0-9	Cobbly loam-----	CL-ML, ML	A-4	10-20	90-100	85-95	75-85	60-70	25-35	5-10
	9-21	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	21-31	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	31-60	Very gravelly loam, extremely cobbly sandy clay loam.	GC	A-2	30-60	35-55	30-50	25-45	15-35	30-40	10-15
	60	Weathered bedrock	---	---	---	---	---	---	---	---	---
50*: Doodlelink-----	0-6	Gravelly loam----	GM-GC, SC-SM	A-4	0-5	60-80	50-75	45-65	35-50	20-25	5-10
	6-25	Very gravelly loam, extremely gravelly clay loam.	GM, GM-GC	A-2	0-5	35-55	20-45	20-40	15-30	25-35	5-10
	25-60	Extremely gravelly clay loam, extremely gravelly loam, very gravelly sandy loam.	GC, GM-GC, GP-GC	A-2	0-25	25-40	10-30	10-25	5-20	25-40	5-15
Snell-----	0-10	Stony loam-----	ML, SM, CL-ML, SC-SM	A-4	20-50	80-100	70-100	60-95	40-75	25-35	5-10
	10-22	Very gravelly clay loam.	GM, GC	A-6, A-2	5-20	40-60	35-55	30-50	25-40	35-40	10-15
	22-39	Very cobbly clay, extremely cobbly clay, very cobbly clay loam.	CL, CH, GC, SC	A-2, A-7	40-75	50-100	45-100	35-95	30-90	40-55	20-35
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---
51*: Dougal-----	0-8	Stony sandy loam	SC-SM, SM	A-2	0-5	75-95	70-95	40-50	25-30	20-30	NP-10
	8-16	Sandy clay loam, gravelly sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0-5	60-95	55-85	45-80	35-65	30-40	10-20
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				
51*:											
Bruncan-----	0-6	Stony sandy loam	SM	A-2	5-15	80-95	75-90	45-60	25-35	20-30	NP-5
	6-10	Loam, clay loam, gravelly clay loam.	CL	A-6	0-5	70-100	65-95	55-90	50-75	30-40	10-20
	10-13	Indurated-----	---	---	---	---	---	---	---	---	---
	13-17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
52*:											
Dranyon-----	0-8	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	60-80	55-75	50-65	35-50	20-30	5-10
	8-35	Gravelly loam, gravelly clay loam.	CL, GC	A-6	0-10	60-80	55-75	50-70	40-55	30-40	10-15
	35-60	Gravelly loam, cobbly loam, very gravelly loam.	SC-SM, GM-GC	A-2, A-4	5-25	50-80	45-75	40-60	30-50	20-30	5-10
Dehana-----	0-20	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	20-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15
53*:											
Duco-----	0-4	Gravelly loam----	GC, SC, CL	A-6	0-10	65-90	60-85	50-75	40-60	30-40	10-15
	4-8	Gravelly clay loam, very gravelly clay loam.	GC, CL	A-6, A-7	0-15	55-80	50-75	45-70	35-55	35-45	15-25
	8-16	Very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	10-50	35-65	30-60	25-55	15-40	35-45	15-25
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Chinabutte-----	0-6	Cobbly loam-----	SM, GM, ML	A-4	15-30	70-85	65-85	55-75	40-60	25-35	5-10
	6-10	Very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	10-40	45-65	40-60	35-55	30-45	30-45	10-20
	10-18	Extremely cobbly clay loam, very cobbly clay loam, extremely gravelly clay loam.	GC	A-2, A-6, A-7	15-70	30-55	25-50	20-45	15-40	35-45	15-25
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dougal-----	0-2	Very stony loam	CL-ML, CL	A-4, A-6	20-30	85-95	80-90	70-80	50-65	25-35	5-15
	2-7	Sandy clay loam, gravelly sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0-5	60-95	55-85	45-80	35-65	30-40	10-20
	7-11	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
54----- Escalante	0-8	Sandy loam-----	SM	A-4	0	95-100	95-100	70-80	40-50	20-25	NP-5
	8-36	Sandy loam, fine sandy loam.	SM	A-4	0	95-100	95-100	65-80	35-50	---	NP
	36-60	Loamy sand, coarse sandy loam.	SM	A-2	0	95-100	95-100	50-65	20-35	---	NP
55*:											
Escalante-----	0-8	Sandy loam-----	SM	A-4	0	95-100	95-100	70-80	40-50	20-25	NP-5
	8-36	Sandy loam, fine sandy loam.	SM	A-4	0	95-100	95-100	65-80	35-50	---	NP
	36-60	Loamy sand, coarse sandy loam.	SM	A-2	0	95-100	95-100	50-65	20-35	---	NP
Tindahay-----	0-14	Loamy fine sand	SM	A-2, A-4	0	100	95-100	60-85	30-50	---	NP
	14-24	Fine sandy loam	SM	A-4	0	100	95-100	70-85	35-50	20-30	NP-5
	24-42	Loamy sand, sand	SM	A-2	0	100	90-100	55-75	10-30	---	NP
	42-60	Fine gravelly coarse sand, loamy coarse sand.	SM, SP-SM	A-1, A-2, A-3	0	80-100	65-95	35-65	5-25	---	NP
Ornea-----	0-3	Loam-----	ML, CL-ML	A-4	0	95-100	80-95	65-85	50-75	25-35	5-10
	3-16	Gravelly loam, gravelly sandy clay loam, gravelly clay loam.	SC, CL, GC	A-6, A-7	0-5	55-80	50-75	40-65	35-55	35-45	15-20
	16-60	Very gravelly coarse sand, extremely gravelly coarse sand, very cobble sand.	GP, SP	A-1	10-30	30-60	25-55	15-35	5-10	---	NP
56*:											
Fairylawn-----	0-7	Stony silt loam	CL-ML, ML	A-4	0-10	90-100	85-100	80-100	65-90	20-30	NP-10
	7-19	Clay, clay loam, cobble clay.	CL, CH	A-6, A-7	0-15	80-100	75-100	70-95	55-90	35-65	15-45
	19-29	Loam, clay loam, cobble clay loam.	CL-ML, CL	A-4, A-6	0-30	75-100	70-95	65-90	50-70	25-40	5-20
	29-32	Indurated-----	---	---	---	---	---	---	---	---	---
	32-36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Perla-----	0-3	Loam-----	CL-ML, CL	A-4, A-6	0-5	80-100	75-95	70-85	50-70	25-35	5-15
	3-8	Clay loam-----	CL	A-6, A-7	0-5	80-100	75-95	70-90	55-80	35-50	15-25
	8-23	Clay, clay loam, gravelly clay loam.	CL, CH	A-7	0-5	70-100	65-95	60-90	50-85	40-60	20-35
	23-27	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
57*:											
Fairylawn-----	0-8	Silt loam-----	CL-ML, ML	A-4	0-10	90-100	85-100	80-100	65-90	20-30	NP-10
	8-20	Clay, clay loam, cobble clay.	CL, CH	A-6, A-7	0-15	80-100	75-100	70-95	55-90	35-65	15-45
	20-25	Loam, clay loam, cobble clay loam.	CL-ML, CL	A-4, A-6	0-30	75-100	70-95	65-90	50-70	25-40	5-20
	25-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Schnipper-----	0-12	Silt loam-----	CL, CL-ML	A-4	0	95-100	95-100	90-100	70-90	25-30	5-10
	12-26	Silty clay loam, clay loam, loam.	CL	A-6, A-7	0	95-100	95-100	90-100	75-85	35-45	15-20
	26-36	Silty clay loam, loam, very fine sandy loam.	CL, CL-ML	A-4, A-6	0-5	95-100	90-100	85-100	60-85	25-35	5-15
	36-60	Cemented-----	---	---	---	---	---	---	---	---	---
58*:											
Foxmount-----	0-11	Very gravelly loam.	GM, GM-GC	A-2	0-10	40-55	35-50	30-45	25-35	20-30	NP-10
	11-20	Very gravelly loam, very gravelly fine sandy loam.	GM, GM-GC	A-2, A-4, A-1	0-10	40-50	40-50	25-50	15-40	20-30	NP-10
	20-36	Very cobbly loam, very cobbly sandy loam, extremely cobbly loam.	GM, GM-GC	A-1, A-2	30-55	40-50	35-50	30-50	15-35	20-30	NP-10
	36-40	Weathered bedrock	---	---	---	---	---	---	---	---	---
Povey-----	0-6	Very gravelly loam.	GM-GC	A-2, A-4	0-5	45-65	40-55	35-50	25-40	25-30	5-10
	6-32	Very gravelly loam, very cobble loam.	GM-GC	A-2, A-4	5-55	35-65	30-60	25-55	20-50	25-30	5-10
	32-60	Extremely cobbly loam, extremely cobble sandy loam.	GM-GC	A-2, A-4	45-60	30-60	25-55	15-50	10-45	25-30	5-10
Rubbleland.											
59*:											
Freshwater-----	0-4	Stony silt loam	CL-ML, CL	A-4, A-6	5-10	85-100	80-90	75-85	55-80	20-35	5-15
	4-12	Gravelly clay loam, gravelly silty clay loam, clay loam.	GC, SC, CL	A-6	0-10	60-95	55-90	50-85	40-80	30-40	10-20
	12-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
59*:	In										
Larioscamp-----	0-3	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	60-75	25-35	5-15
	3-15	Clay loam, clay, cobble clay.	CL, CH	A-7	0-25	75-100	70-100	65-95	50-90	40-60	20-30
	15-25	Very cobbly loam, very cobbly sandy loam.	GM, GM-GC, SM, SC-SM	A-2, A-4	30-50	50-75	45-70	30-60	15-45	20-30	NP-10
	25-29	Indurated-----	---	---	---	---	---	---	---	---	---
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dishpan-----	0-4	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	55-75	20-30	5-15
	4-16	Clay loam, gravelly clay loam, silty clay loam.	CL	A-6	0-5	75-95	70-90	65-85	55-80	30-40	15-25
	16-28	Very cobbly fine sandy loam, very cobble sandy loam, very gravelly sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	15-40	45-75	40-70	30-55	10-35	15-20	NP-5
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
60*:											
Fryingpan-----	0-3	Stony loam-----	ML, CL-ML	A-4	5-10	85-100	80-95	70-85	55-70	25-35	5-10
	3-18	Clay loam, cobble clay loam, loam.	CL, ML	A-6, A-7	5-20	75-100	70-95	60-90	50-70	35-45	10-20
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hat-----	0-5	Gravelly loam----	CL-ML, GM-GC	A-4	0-5	65-85	60-80	50-70	40-55	20-30	5-10
	5-19	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	19-24	Extremely gravelly clay loam, extremely cobble clay loam, very cobble loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Nipintuck-----	0-2	Stony coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	5-15	45-65	35-60	20-40	10-20	20-30	NP-10
	2-6	Gravelly loam, very gravelly loam, very cobble loam.	GM-GC, GC, SC-SM, SC	A-2, A-4, A-6	5-40	40-85	30-75	25-70	20-50	25-35	5-15
	6	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
61*:	In				Pct					Pct	
Fulcrum-----	0-11	Stony sandy loam	SM	A-1, A-2	0-5	80-95	75-90	45-60	20-30	30-40	NP-5
	11-21	Very gravelly sandy loam.	GM	A-1	0-10	40-55	35-50	20-35	10-20	25-35	NP-5
	21-28	Extremely cobbly loamy sand, very gravelly sandy loam, extremely gravelly sandy loam.	GM, GP, GP-GM	A-1	5-50	20-40	10-35	5-20	0-15	20-30	NP-5
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
62*:											
Gaib-----	0-7	Stony loam-----	CL-ML, CL	A-4, A-6	10-20	85-95	80-90	70-80	55-65	25-35	5-15
	7-18	Very cobbly clay loam, very gravelly clay loam, very stony sandy clay loam.	GC, SC	A-2, A-6, A-7	10-40	45-70	40-70	35-60	20-50	35-50	15-25
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Wareagle-----	0-7	Very gravelly loam.	GM, GM-GC	A-1, A-2	0-5	40-55	35-50	30-45	20-35	20-30	NP-10
	7-15	Very gravelly loam, very cobbly loam.	GM-GC, GM	A-2	5-25	40-55	35-50	30-45	20-35	25-35	5-10
	15-60	Extremely gravelly loam, extremely gravelly sandy loam, extremely cobbly loam.	GP-GM, GM, GM-GC	A-1, A-2	5-40	15-40	10-35	5-30	5-25	20-30	NP-10
Rock outcrop.											
63*:											
Gooding-----	0-7	Loam-----	CL-ML, ML	A-4	0-5	85-100	80-95	70-85	55-70	25-35	5-10
	7-30	Clay, clay loam	CL, CH	A-7	0	95-100	90-100	85-95	60-90	45-65	20-40
	30-57	Gravelly clay loam, clay loam.	CL	A-7, A-6	0-5	75-95	70-90	65-85	50-70	35-45	15-25
	57-60	Cemented-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
63*: Gariper-----	0-9	Loam-----	ML, CL-ML	A-4	0-5	85-100	80-100	70-95	50-75	25-35	5-10
	9-22	Clay, clay loam	CL, CH	A-7	0-5	85-100	80-100	75-100	60-95	40-60	20-35
	22-47	Gravelly loam, gravelly sandy loam, very gravelly sandy loam.	SC, GC, SC-SM, GM-GC	A-2, A-4, A-6	0-30	40-80	35-75	25-65	15-50	25-35	5-15
	47-60	Cemented-----	---	---	---	---	---	---	---	---	---
64----- Goose Creek	0-17	Loam-----	CL	A-6	0	100	100	85-95	60-75	30-35	10-15
	17-40	Clay loam, loam, silt loam.	CL	A-6	0	100	100	85-100	60-80	30-40	10-20
	40-60	Stratified gravelly fine sandy loam to clay loam.	CL-ML, CL, SC-SM, SC	A-4, A-6	0	75-100	70-100	55-95	35-75	25-35	5-15
65*: Graveya-----	0-8	Stony loam-----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-15	60-80	55-75	50-65	35-50	25-35	5-15
	8-22	Gravelly clay loam, very gravelly clay loam, gravelly loam.	GC, GM	A-2, A-4, A-6	0-15	45-70	40-65	35-55	30-45	30-40	5-15
	22-60	Very gravelly sandy loam, very gravelly loam, extremely gravelly sandy loam.	GM	A-2, A-1	5-20	35-55	30-50	20-40	10-30	25-35	NP-10
Ratsnest-----	0-2	Gravelly silt loam.	GM, ML	A-4	0	65-80	60-75	55-70	45-65	25-40	NP-10
	2-25	Silty clay loam, clay, silty clay.	CL, CH	A-7	0	95-100	90-100	75-100	65-95	40-60	15-30
	25-33	Silty clay loam, silt loam, gravelly silt loam.	CL-ML, CL	A-4, A-6	0	75-100	70-100	65-95	55-90	25-40	5-15
	33-39	Silt loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	75-95	65-85	25-35	5-15
	39	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rock outcrop.											

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
66*:											
Graylock-----	0-7	Bouldery loamy sand.	SM, SP-SM	A-1	5-30	70-85	60-80	35-50	10-20	---	NP
	7-41	Very gravelly loamy coarse sand, very gravelly loamy sand.	GM, GP-GM	A-1	5-30	45-55	35-50	20-30	5-15	---	NP
	41-56	Extremely stony coarse sand, extremely stony loamy coarse sand.	GM, GP-GM, GP, SP-SM	A-1	25-45	30-55	20-50	10-30	0-15	---	NP
	56-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Takeuchi-----	0-12	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0	65-90	55-75	35-50	15-30	20-30	NP-5
	12-26	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0-10	65-90	55-75	35-50	15-30	20-30	NP-5
	26-36	Weathered bedrock	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
67*:											
Hades-----	0-20	Loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	55-70	25-35	5-15
	20-60	Clay loam-----	CL	A-6, A-7	0-5	85-100	80-95	75-90	60-70	30-45	10-20
Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
68*:											
Hardtrigger-----	0-6	Gravelly loam----	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	6-14	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	14-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
68*:											
Arbidge-----	0-4	Loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	4-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-34	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	34-36	Cemented-----	---	---	---	---	---	---	---	---	---
	36-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
69*:											
Hardtrigger----	0-3	Gravelly sandy loam.	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	3-21	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	21-49	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
	49-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP
Briabbit-----	0-10	Fine sandy loam	SM	A-2, A-4	0-5	85-100	80-95	55-70	30-45	20-30	NP-5
	10-22	Cobbly sandy loam, sandy loam, gravelly sandy loam.	SM	A-1, A-2	0-15	70-95	65-90	40-60	20-30	20-30	NP-5
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Tindahay-----	0-14	Loamy fine sand	SM	A-2, A-4	0	100	95-100	60-85	30-50	---	NP
	14-24	Fine sandy loam	SM	A-4	0	100	95-100	70-85	35-50	20-30	NP-5
	24-42	Loamy sand, sand	SM	A-2	0	100	90-100	55-75	10-30	---	NP
	42-60	Fine gravelly coarse sand, loamy coarse sand.	SM, SP-SM	A-1, A-2, A-3	0	80-100	65-95	35-65	5-25	---	NP
70*:											
Hardtrigger----	0-9	Bouldery loam----	CL-ML, CL	A-4, A-6	0-10	80-95	75-90	65-80	50-65	25-35	5-15
	9-60	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
70*:	In				Pct					Pct	
Cottle-----	0-4	Stony loam-----	GM-GC, GC, GP-GC	A-2	5-25	25-50	20-45	15-40	10-30	25-35	5-15
	4-8	Very gravelly loam, gravelly clay loam, very gravelly clay loam.	GC	A-2	5-15	40-60	35-60	30-50	20-35	30-40	10-15
	8-17	Very gravelly loam, extremely gravelly clay loam, extremely cobble clay loam.	GC, GP-GC	A-2	10-40	25-50	20-40	15-30	10-25	30-45	10-20
	17-21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Midraw-----	0-3	Stony loam-----	GC	A-2, A-6	5-15	50-65	45-60	40-55	30-45	25-35	10-15
	3-8	Gravelly clay loam, gravelly silty clay loam.	CL, GC	A-6, A-7	5-10	60-85	55-80	50-75	40-70	35-45	15-25
	8-18	Gravelly clay, cobble clay, gravelly clay loam.	CL, CH	A-7	5-15	65-80	60-75	55-70	50-65	40-60	20-30
	18-21	Indurated-----	---	---	---	---	---	---	---	---	---
	21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
71*:											
Hardtrigger----	0-3	Gravelly sandy loam.	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	3-21	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	21-49	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
	49-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP
Enko-----	0-5	Sandy loam-----	SC-SM	A-4	0	95-100	85-100	60-75	35-50	20-30	5-10
	5-18	Loam, sandy loam, fine sandy loam.	SC-SM, CL-ML	A-4	0	95-100	85-100	60-90	35-70	20-30	5-10
	18-60	Sandy loam, fine sandy loam, loam.	SC-SM, CL-ML	A-2, A-4	0	85-100	75-100	60-90	30-65	20-25	5-10

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
72*:	In				Pct					Pct	
Hardtrigger-----	0-3	Gravelly sandy loam.	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	3-21	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	21-49	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
	49-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP
Gariper-----	0-9	Loam-----	ML, CL-ML	A-4	0-5	85-100	80-100	70-95	50-75	25-35	5-10
	9-22	Clay, clay loam	CL, CH	A-7	0-5	85-100	80-100	75-100	60-95	40-60	20-35
	22-47	Gravelly loam, gravelly sandy loam, very gravelly sandy loam.	SC, GC, SC-SM, GM-GC	A-2, A-4, A-6	0-30	40-80	35-75	25-65	15-50	25-35	5-15
	47-60	Cemented-----	---	---	---	---	---	---	---	---	---
Diawell-----	0-6	Gravelly sandy clay loam.	SC	A-2, A-6	0-5	65-80	60-75	50-65	25-40	30-40	10-15
	6-11	Gravelly sandy clay loam, gravelly clay loam, clay loam.	SC, GC, ML, CL	A-2, A-6, A-7	0-5	55-95	50-90	40-80	25-60	35-45	10-20
	11-20	Gravelly fine sandy loam, gravelly sandy loam.	SM, GM	A-1, A-2	0-5	55-80	50-75	30-55	20-35	20-30	NP-5
	20-22	Cemented-----	---	---	---	---	---	---	---	---	---
	22-60	Stratified gravelly sandy loam to very gravelly loamy sand.	SM, GM	A-1	0	50-90	35-75	20-50	10-25	---	NP
73*:											
Hardtrigger-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0	85-100	80-95	70-85	55-70	25-35	5-15
	6-18	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	18-60	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
73*:											
Goose Creek-----	0-17	Loam-----	CL	A-6	0	100	100	85-95	60-75	30-35	10-15
	17-40	Clay loam, loam, silt loam.	CL	A-6	0	100	100	85-100	60-80	30-40	10-20
	40-60	Stratified gravelly fine sandy loam to clay loam.	CL-ML, CL, SC-SM, SC	A-4, A-6	0	75-100	70-100	55-95	35-75	25-35	5-15
74*:											
Hardtrigger-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0	85-100	80-95	70-85	55-70	25-35	5-15
	6-18	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	18-60	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
Scism-----	0-6	Silt loam-----	ML, CL-ML	A-4	0	100	100	95-100	75-90	20-30	NP-10
	6-21	Silt loam, silt, very fine sandy loam.	ML, CL-ML	A-4	0	100	100	95-100	75-100	20-30	NP-10
	21-34	Cemented-----	---	---	---	---	---	---	---	---	---
	34-60	Silt loam, loam, sandy loam.	ML, CL-ML, SM, SC-SM	A-4	0	90-100	85-100	70-100	40-90	20-30	NP-10
75*:											
Hardtrigger-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0	85-100	80-95	70-85	55-70	25-35	5-15
	6-18	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	18-60	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
Snowmore-----	0-8	Loam-----	ML, CL-ML	A-4	0-5	95-100	80-95	70-95	50-70	25-35	5-10
	8-19	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	19-34	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	34-38	Indurated-----	---	---	---	---	---	---	---	---	---
	38-42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Vickery-----	0-4	Silt loam-----	CL-ML, ML	A-4	0	100	100	90-100	70-90	20-30	NP-10
	4-12	Silt loam, loam	ML, CL-ML	A-4	0	100	100	90-100	70-85	25-35	5-10
	12-25	Loam, silt loam, very fine sandy loam.	CL-ML, ML	A-4	0	95-100	85-100	75-90	50-80	20-30	NP-10
	25-40	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
76*: Hat-----	0-5	Gravelly loam----	CL-ML, GM-GC	A-4	0-5	65-85	60-80	50-70	40-55	20-30	5-10
	5-19	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	19-24	Extremely gravelly clay loam, extremely cobble clay loam, very cobble loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Avtable-----	0-4	Stony loam-----	CL-ML, ML, GM-GC	A-4	5-15	65-85	60-80	50-75	35-60	25-35	5-10
	4-10	Cobbly clay loam, gravelly loam, very gravelly loam.	GM, GC, SM, SC	A-4, A-6	5-25	55-80	50-75	45-70	35-50	30-40	5-15
	10-19	Extremely stony clay loam, very cobble loam, extremely gravelly loam.	GC, GM	A-2, A-4, A-6	30-65	35-70	30-65	25-60	20-50	30-40	5-15
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobble sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobble sandy clay loam, extremely cobble sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
77*: Hat-----	0-6	Very gravelly loam.	GM	A-1, A-2	0-5	35-55	30-50	25-45	20-35	25-35	5-10
	6-16	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	16-24	Extremely gravelly clay loam, extremely cobble clay loam, very cobble loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
77*: Nagitsy-----	0-17	Gravelly loam----	GM, SM	A-4	0-5	60-80	55-75	45-65	35-50	25-35	NP-10
	17-35	Very gravelly loam, extremely gravelly loam.	GM, GC	A-2	0-40	35-55	30-50	25-45	20-35	30-40	5-15
	35-39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
78*: Hat-----	0-6	Very gravelly loam.	GM	A-1, A-2	0-5	35-55	30-50	25-45	20-35	25-35	5-10
	6-16	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	16-24	Extremely gravelly clay loam, extremely cobbly clay loam, very cobbly loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
Nipintuck-----	0-2	Stony coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	5-15	45-65	35-60	20-40	10-20	20-30	NP-10
	2-6	Gravelly loam, very gravelly loam, very cobbly loam.	GM-GC, GC, SC-SM, SC	A-2, A-4, A-6	5-40	40-85	30-75	25-70	20-50	25-35	5-15
	6	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
79*: Hat-----	0-5	Gravelly loam----	CL-ML, GM-GC	A-4	0-5	65-85	60-80	50-70	40-55	20-30	5-10
	5-19	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	19-24	Extremely gravelly clay loam, extremely cobbly clay loam, very cobbly loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
						Pct					
79*: Zecanyon-----	In										
	0-9	Loam-----	CL-ML, SC-SM	A-4	0-5	75-95	75-90	60-80	40-65	20-30	5-10
	9-20	Gravelly clay, cobbly clay, gravelly clay loam.	CL, CH	A-6, A-7	5-25	65-95	60-90	55-90	55-80	35-55	15-30
	20-28	Extremely gravelly clay loam, extremely gravelly sandy clay loam.	GC, GP-GC	A-2	10-20	15-35	10-30	5-25	5-20	30-40	10-20
	28-32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
80*: Haw-----	0-9	Loam-----	ML, CL-ML	A-4	0	100	95-100	85-100	60-90	20-30	NP-10
	9-21	Clay loam, sandy clay loam, loam.	CL, SC	A-6	0	100	95-100	70-100	35-80	30-40	10-20
	21-60	Coarse sandy loam, loam, sandy loam.	SM, ML, SC, CL	A-2, A-4, A-6	0-5	100	95-100	60-95	30-75	20-35	NP-15
Renslow-----	0-6	Silt loam-----	ML, CL-ML	A-4	0	100	100	90-100	75-90	15-25	NP-10
	6-18	Silt loam, loam	CL-ML	A-4	0	100	100	85-100	75-90	20-30	5-10
	18-38	Silt loam-----	CL-ML	A-4	0	100	100	90-100	80-95	20-30	5-10
	38-60	silt loam, very fine sandy loam.	ML	A-4	0	100	100	85-95	70-85	15-25	NP-5
81*: Heckison-----	0-4	Silt loam-----	CL-ML, ML	A-4	0-10	95-100	90-100	85-95	70-90	20-30	NP-10
	4-19	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6	0-10	85-100	80-100	75-95	60-85	25-40	5-20
	19-29	Gravelly silt loam, silt loam, very fine sandy loam.	ML, CL-ML, GM, GM-GC	A-4	0-20	65-95	60-95	55-90	40-70	15-25	NP-10
	29-35	Indurated-----	---	---	---	---	---	---	---	---	---
	35	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bigflat-----	0-9	Silt loam-----	ML, CL-ML	A-4	0-5	80-100	75-100	70-95	60-85	20-30	NP-10
	9-19	Clay, silty clay	CL, CH	A-7	0-10	80-100	75-100	65-95	55-90	40-60	20-40
	19-48	Loam, fine sandy loam, gravelly fine sandy loam.	ML, SM, GM	A-2, A-4	0-15	65-100	60-100	45-85	30-65	20-35	NP-10
	48-60	Very gravelly sandy loam, extremely gravelly loamy sand.	GP-GM, GM, SM, SP-SM	A-1	0-40	25-65	20-60	15-40	5-25	---	NP

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
82*:	In										
Heckison-----	0-4	Silt loam-----	CL-ML, ML	A-4	0-10	95-100	90-100	85-95	70-90	20-30	NP-10
	4-19	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6	0-10	85-100	80-100	75-95	60-85	25-40	5-20
	19-29	Gravelly silt loam, silt loam, very fine sandy loam.	ML, CL-ML, GM, GM-GC	A-4	0-20	65-95	60-95	55-90	40-70	15-25	NP-10
	29-35	Indurated-----	---	---	---	---	---	---	---	---	---
	35	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Freshwater-----	0-4	Stony silt loam	CL-ML, CL	A-4, A-6	5-10	85-100	80-90	75-85	55-80	20-35	5-15
	4-12	Gravelly clay loam, gravelly silty clay loam, clay loam.	GC, SC, CL	A-6	0-10	60-95	55-90	50-85	40-80	30-40	10-20
	12-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Weathered bedrock	---	---	---	---	---	---	---	---	---
83*:											
Heckison-----	0-4	Silt loam-----	CL-ML, ML	A-4	0-10	95-100	90-100	85-95	70-90	20-30	NP-10
	4-19	Silty clay loam, silt loam.	CL-ML, CL	A-4, A-6	0-10	85-100	80-100	75-95	60-85	25-40	5-20
	19-29	Gravelly silt loam, silt loam, very fine sandy loam.	ML, CL-ML, GM, GM-GC	A-4	0-20	65-95	60-95	55-90	40-70	15-25	NP-10
	29-35	Indurated-----	---	---	---	---	---	---	---	---	---
	35	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Insidert-----	0-6	Silt loam-----	ML	A-4	0	95-100	90-100	80-95	65-90	25-35	NP-10
	6-17	Clay loam, silty clay loam, clay.	CL, CH	A-7	0	90-100	85-100	85-100	70-90	40-65	20-40
	17-24	Very gravelly sandy loam, gravelly sandy loam, gravelly loam.	SM, SC-SM, GM, GM-GC	A-1, A-2, A-4	0-15	40-80	35-75	20-60	15-45	20-30	NP-10
	24-27	Indurated-----	---	---	---	---	---	---	---	---	---
	27	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bigflat-----	0-8	Silt loam-----	ML, CL-ML	A-4	0-5	80-100	75-100	70-95	60-85	20-30	NP-10
	8-13	Clay, silty clay	CL, CH	A-7	0-10	80-100	75-100	65-95	55-90	40-60	20-40
	13-29	Loam, fine sandy loam, gravelly fine sandy loam.	ML, SM, GM	A-2, A-4	0-15	65-100	60-100	45-85	30-65	20-35	NP-10
	29-42	Very gravelly sandy loam, extremely gravelly loamy sand.	GP-GM, GM, SM, SP-SM	A-1	0-40	25-65	20-60	15-40	5-25	---	NP

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
84*:											
Hotcreek-----	0-2	Very stony sandy loam.	GM-GC, SC-SM	A-2	10-35	40-65	35-60	25-40	15-25	25-35	5-10
	2-7	Very gravelly clay loam, very cobbly clay loam, very gravelly loam.	GC, CL	A-2, A-6	5-40	35-75	30-70	25-70	20-55	30-40	10-20
	7-11	Indurated-----	---	---	---	---	---	---	---	---	---
	11	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Troughs-----	0-2	Stony loam-----	SC-SM, CL-ML	A-4	5-15	70-90	65-85	55-80	45-65	20-30	5-10
	2-6	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	6-12	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	12-20	Indurated-----	---	---	---	---	---	---	---	---	---
85*:											
Hurryback-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	50-65	25-35	5-15
	6-24	Gravelly loam, clay loam, loam.	CL, SC	A-6	0-5	75-95	70-90	60-80	40-60	30-40	10-20
	24-60	Gravelly loam, gravelly clay loam, clay loam.	CL, GC, SC	A-6, A-7	0-10	65-95	60-90	55-85	40-65	35-50	15-25
Hat-----	0-5	Gravelly loam----	CL-ML, GM-GC	A-4	0-5	65-85	60-80	50-70	40-55	20-30	5-10
	5-19	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	19-24	Extremely gravelly clay loam, extremely cobbly clay loam, very cobbly loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
85*: Avtable-----	In										
	0-4	Stony loam-----	CL-ML, ML, GM-GC	A-4	5-15	65-85	60-80	50-75	35-60	25-35	5-10
	4-10	Cobbly clay loam, gravelly loam, very gravelly loam.	GM, GC, SM, SC	A-4, A-6	5-25	55-80	50-75	45-70	35-50	30-40	5-15
	10-19	Extremely stony clay loam, very cobbly loam, extremely gravelly loam.	GC, GM	A-2, A-4, A-6	30-65	35-70	30-65	25-60	20-50	30-40	5-15
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
86*: Hurryback-----	0-8	Stony loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	50-65	25-35	5-15
	8-45	Gravelly loam, gravelly clay loam, clay loam.	CL, GC, SC	A-6, A-7	0-10	65-95	60-90	55-85	40-65	35-50	15-25
	45-60	Sandy loam, gravelly sandy loam, gravelly loam.	SM, SC-SM	A-1, A-2, A-4	0-10	60-90	55-85	35-70	20-50	20-30	NP-10
Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
87*: Igert-----	0-12	Gravelly loam-----	CL-ML, GM-GC, SC-SM	A-4	0-5	70-80	65-75	50-65	40-60	20-30	5-10
	12-23	Gravelly clay loam, gravelly loam, clay loam.	ML, CL, GC	A-6, A-7	0-5	70-90	65-85	55-80	45-65	35-45	10-20
	23-39	Extremely gravelly loam, very gravelly loam, gravelly loam.	GM-GC, GM	A-2, A-1	0-15	20-60	15-55	10-40	10-30	20-30	NP-10
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
87*:											
Willhill-----	0-5	Gravelly loam----	GM, GM-GC	A-4	0-10	55-75	50-75	40-60	35-50	20-30	NP-10
	5-13	Very gravelly clay loam, gravelly clay loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	13-28	Extremely gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	28-32	Weathered bedrock	---	---	---	---	---	---	---	---	---
Hardtrigger----	0-8	Gravelly loam----	SC-SM, SC	A-4, A-6	0-5	70-85	65-80	45-75	35-50	25-35	5-15
	8-20	Clay loam, gravelly clay loam, gravelly sandy clay loam.	SC, CL	A-6	0	70-100	65-95	55-85	35-70	30-40	10-20
	20-28	Sandy loam, gravelly sandy loam, gravelly coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0	55-90	50-85	35-55	15-30	20-30	NP-10
	28-60	Gravelly sandy loam, very gravelly sandy loam, very gravelly loamy sand.	GM, SM	A-1	0	40-80	30-75	20-45	10-25	---	NP
88*:											
Insidert-----	0-6	Silt loam-----	ML	A-4	0	95-100	90-100	80-95	65-90	25-35	NP-10
	6-17	Clay loam, silty clay loam, clay.	CL, CH	A-7	0	90-100	85-100	85-100	70-90	40-65	20-40
	17-24	Very gravelly sandy loam, gravelly sandy loam, gravelly loam.	SM, SC-SM, GM, GM-GC	A-1, A-2, A-4	0-15	40-80	35-75	20-60	15-45	20-30	NP-10
	24-27	Indurated-----	---	---	---	---	---	---	---	---	---
	27	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Tanner-----	0-4	Loam-----	ML, CL-ML	A-4	0	85-100	85-100	75-100	60-90	25-35	5-10
	4-11	Silty clay loam, clay loam.	ML, CL	A-6, A-7	0	95-100	95-100	90-100	80-95	35-45	10-20
	11-16	Silty clay, cobbly silty clay, gravelly silty clay.	CL, CH	A-7	0-25	85-100	85-100	85-95	75-85	45-55	20-30
	16-21	Gravelly loam, loam, silt loam.	ML	A-4	0-10	65-90	65-90	65-85	50-75	25-35	NP-10
	21-42	Indurated-----	---	---	---	---	---	---	---	---	---
	42-46	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
89*:	In										
Jumpcreek-----	0-12	Gravelly loam----	GM-GC, SC-SM, GM, SM	A-4	0-5	55-75	50-70	45-65	35-45	25-35	5-10
	12-30	Very gravelly clay loam, extremely gravelly clay loam, extremely gravelly clay.	GC	A-2, A-6, A-7	0-5	25-55	20-50	20-45	15-40	35-55	15-30
	30-36	Extremely gravelly sandy loam, very gravelly loam.	GM, GM-GC, GP-GM	A-1, A-2	5-20	15-45	10-40	5-35	5-30	20-30	NP-10
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Frenchjohn-----	0-11	Gravelly silt loam.	CL-ML, CL, GM-GC, GC	A-4, A-6	0-5	55-80	50-75	45-70	40-60	25-40	5-15
	11-22	Gravelly clay, very gravelly clay.	CL, CH, GC	A-2, A-7	0	45-75	40-70	35-65	30-60	45-75	20-45
	22-29	Very gravelly clay loam, extremely gravelly clay loam.	GC	A-2	0	25-45	15-40	15-35	10-30	35-55	15-30
	29-36	Extremely gravelly sandy loam, very gravelly sandy clay loam, very gravelly sandy loam.	GP, GP-GM, GM	A-1, A-2	0-5	15-40	5-35	5-25	0-15	25-40	NP-10
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
90*:											
Kanlee-----	0-10	Fine gravelly coarse sandy loam.	SM	A-2, A-1	0	85-100	55-75	35-55	20-35	20-35	NP-10
	10-23	Fine gravelly sandy clay loam, gravelly sandy clay loam, sandy clay loam.	CL-ML, CL, SC, SC-SM	A-4, A-6	0-15	85-100	65-95	55-80	35-55	20-40	5-15
	23-45	Weathered bedrock	---	---	---	---	---	---	---	---	---
	45-49	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ola-----	0-5	Coarse sandy loam	SM	A-2, A-4	0	90-100	90-100	55-70	25-40	20-25	NP-5
	5-18	Loam, gravelly sandy loam, sandy loam.	CL-ML, SC-SM	A-2, A-4	0	90-100	70-90	45-75	25-60	20-30	5-10
	18-35	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	70-95	65-90	45-70	25-35	20-25	NP-5
	35-38	Weathered bedrock	---	---	---	---	---	---	---	---	---
	38-42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
90*: Quicksilver-----	0-4	Bouldery coarse sandy loam.	SM	A-1, A-2	0-10	75-95	55-85	30-50	15-30	15-25	NP-5
	4-15	Gravelly coarse sandy loam, coarse sandy loam.	SM	A-1, A-2	0-5	75-95	55-85	25-50	10-30	15-25	NP-5
	15-18	Gravelly loamy coarse sand, very gravelly coarse sandy loam.	SM	A-1	0-5	75-95	45-70	15-45	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
91*: Kanlee-----	0-10	Fine gravelly coarse sandy loam.	SM	A-2, A-1	0	85-100	55-75	35-55	20-35	20-35	NP-10
	10-32	Fine gravelly sandy clay loam, gravelly sandy clay loam, sandy clay loam.	CL-ML, CL, SC, SC-SM	A-4, A-6	0-15	85-100	65-95	55-80	35-55	20-40	5-15
	32-45	Weathered bedrock	---	---	---	---	---	---	---	---	---
	45-49	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Poisoncreek-----	0-3	Gravelly coarse sandy loam.	GM, SM, SC-SM, GM-GC	A-2, A-1	0-5	55-80	50-75	30-50	15-30	20-30	NP-10
	3-6	Very cobbly clay loam, very gravelly sandy clay loam, very gravelly loam.	GC	A-2, A-6	15-40	50-65	45-60	35-55	25-40	30-40	10-20
	6-12	Extremely cobbly sandy clay loam, extremely gravelly sandy clay loam.	GC, GM-GC	A-2	20-70	25-55	20-45	15-40	10-35	25-40	5-15
	12-16	Weathered bedrock	---	---	---	---	---	---	---	---	---
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ola-----	0-5	Coarse sandy loam	SM	A-2, A-4	0	90-100	90-100	55-70	25-40	20-25	NP-5
	5-18	Loam, gravelly sandy loam, sandy loam.	CL-ML, SC-SM	A-2, A-4	0	90-100	70-90	45-75	25-60	20-30	5-10
	18-35	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	70-95	65-90	45-70	25-35	20-25	NP-5
	35-38	Weathered bedrock	---	---	---	---	---	---	---	---	---
	38-42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
92*:	In				Pct					Pct	
Kiyi-----	0-8	Gravelly loam----	CL-ML, CL	A-4, A-6	0-5	75-100	70-95	60-90	50-70	25-35	5-15
	8-40	Gravelly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-7	5-15	50-80	45-75	40-70	35-55	35-50	15-25
	40-60	Very cobbly clay, very cobbly sandy clay, very stony clay.	GC	A-7, A-2	25-40	40-65	35-60	30-55	20-50	45-65	20-40
Sharesnout-----	0-12	Stony loam-----	CL-ML, CL	A-4, A-6	0-5	75-85	75-85	65-75	50-60	25-40	5-15
	12-30	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hades-----	0-20	Loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	55-70	25-35	5-15
	20-60	Clay loam-----	CL	A-6, A-7	0-5	85-100	80-95	75-90	60-70	30-45	10-20
93*:											
Larioscamp-----	0-3	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	60-75	25-35	5-15
	3-15	Clay loam, clay, cobbly clay.	CL, CH	A-7	0-25	75-100	70-100	65-95	50-90	40-60	20-30
	15-25	Very cobbly loam, very cobbly sandy loam.	GM, GM-GC, SM, SC-SM	A-2, A-4	30-50	50-75	45-70	30-60	15-45	20-30	NP-10
	25-29	Indurated-----	---	---	---	---	---	---	---	---	---
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dishpan-----	0-4	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	55-75	20-30	5-15
	4-16	Clay loam, gravelly clay loam, silty clay loam.	CL	A-6	0-5	75-95	70-90	65-85	55-80	30-40	15-25
	16-28	Very cobbly fine sandy loam, very cobbly sandy loam, very gravelly sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	15-40	45-75	40-70	30-55	10-35	15-20	NP-5
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Brace-----	0-6	Loam-----	CL-ML, ML	A-4	0-5	80-100	75-100	65-90	50-70	25-35	5-10
	6-19	Clay loam, gravelly clay loam.	ML, GC, CL	A-6, A-7	0-15	60-100	55-95	50-90	40-70	35-45	10-20
	19-23	Gravelly loam, gravelly clay loam, cobbly clay loam.	GM-GC, GC, CL-ML, CL	A-4, A-6	5-25	60-95	55-90	50-80	35-70	25-40	5-15
	23-26	Indurated-----	---	---	---	---	---	---	---	---	---
	26	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
94*:											
Larioscamp-----	0-3	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	60-75	25-35	5-15
	3-15	Clay loam, clay, cobbley clay.	CL, CH	A-7	0-25	75-100	70-100	65-95	50-90	40-60	20-30
	15-25	Very cobbly loam, very cobbly sandy loam.	GM, GM-GC, SM, SC-SM	A-2, A-4	30-50	50-75	45-70	30-60	15-45	20-30	NP-10
	25-29	Indurated-----	---	---	---	---	---	---	---	---	---
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Freshwater-----	0-5	Stony loam-----	CL-ML, CL	A-4, A-6	5-10	85-100	80-90	65-85	50-70	20-35	5-15
	5-18	Gravelly clay loam, gravelly silty clay loam, clay loam.	GC, SC, CL	A-6	0-10	60-95	55-90	50-85	40-80	30-40	10-20
	18-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
95*:											
Longcreek-----	0-5	Very cobbly loam	SC, SC-SM, GC, GM-GC	A-2, A-4, A-6	20-40	50-70	45-65	40-55	30-45	25-40	5-15
	5-11	Very cobbly clay loam.	CL, GC	A-7	25-40	55-75	50-70	45-70	35-55	40-50	15-25
	11-19	Very cobbly clay, very stony clay.	CL, CH, GC	A-7	25-50	50-65	45-60	40-60	35-55	45-60	25-40
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hurryback-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0-5	85-100	80-95	70-85	50-65	25-35	5-15
	6-24	Gravelly loam, clay loam, loam.	CL, SC	A-6	0-5	75-95	70-90	60-80	40-60	30-40	10-20
	24-60	Gravelly loam, gravelly clay loam, clay loam.	CL, GC, SC	A-6, A-7	0-10	65-95	60-90	55-85	40-65	35-50	15-25
Succor-----	0-5	Gravelly loam----	GM-GC, GC, SC, SC-SM	A-4, A-6	0-10	65-80	60-75	55-65	40-50	25-40	5-20
	5-22	Clay, clay loam	CL, CH	A-7	0-5	85-100	80-95	75-90	60-85	40-70	25-45
	22-60	Sandy loam, loam, gravelly loam.	GM-GC, GC, CL, CL-ML	A-4, A-6	0-10	60-95	55-90	50-80	35-60	25-35	5-15
96*:											
Loomis-----	0-3	Very stony loam	GM	A-2, A-4	20-40	50-70	45-65	40-55	30-45	30-35	5-10
	3-7	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	10-40	45-70	40-65	35-60	30-50	35-50	15-25
	7-14	Very cobbly clay, extremely cobbly clay.	GC	A-2, A-7	25-50	35-55	30-50	25-45	20-45	50-70	25-40
	14	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
96*:											
Fairylawn-----	0-8	Silt loam-----	CL-ML, ML	A-4	0-10	90-100	85-100	80-100	65-90	20-30	NP-10
	8-20	Clay, clay loam, cobbly clay.	CL, CH	A-6, A-7	0-15	80-100	75-100	70-95	55-90	35-65	15-45
	20-25	Loam, clay loam, cobbly clay loam.	CL-ML, CL	A-4, A-6	0-30	75-100	70-95	65-90	50-70	25-40	5-20
	25-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
97*:											
Loomis-----	0-4	Stony loam-----	GM-GC	A-2, A-4	5-15	50-70	45-65	40-55	30-45	25-30	5-10
	4-7	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	10-40	45-70	40-65	35-60	30-50	35-50	15-25
	7-14	Very cobbly clay, extremely cobbly clay.	GC	A-2, A-7	25-50	35-55	30-50	25-45	20-45	50-70	25-40
	14-18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Haw-----	0-18	Sandy loam-----	SM	A-2, A-4	0	100	95-100	60-70	30-40	20-30	NP-5
	18-32	Clay loam, sandy clay loam, loam.	CL, SC	A-6	0	100	95-100	70-100	35-80	30-40	10-20
	32-60	Coarse sandy loam, loam, sandy loam.	SM, ML, SC, CL	A-2, A-4, A-6	0-5	100	95-100	60-95	30-75	20-35	NP-15
98*:											
Lostvalley-----	0-6	Stony silt loam	CL-ML, CL	A-4, A-6	5-10	95-100	90-100	85-95	70-85	25-35	5-15
	6-20	Clay, silty clay, cobbly clay.	CH, MH	A-7	0-20	95-100	95-100	90-100	85-95	50-70	20-40
	20-26	Clay loam, gravelly clay loam, cobbly clay loam.	CL	A-6	0-35	75-95	70-90	70-85	50-70	30-40	10-20
	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Budlewis-----	0-9	Silt loam-----	ML, CL-ML	A-4	0	95-100	90-100	90-100	80-90	25-35	5-10
	9-24	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-5	90-100	85-100	80-100	75-95	40-60	15-35
	24-29	Silty clay loam, clay loam, gravelly loam.	CL	A-6	0-5	75-100	70-100	65-100	50-90	30-40	10-20
	29-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
99*:											
Mackey-----	0-6	Stony loam-----	GC, GM-GC	A-2	0-5	40-50	35-45	30-45	25-35	25-30	5-10
	6-12	Very gravelly clay loam, very gravelly loam.	GC	A-2, A-6	5-25	45-60	40-55	40-50	30-40	30-40	10-15
	12-26	Extremely gravelly sandy loam, very gravelly sandy loam.	GP-GM	A-1	20-45	25-50	20-40	15-25	5-10	---	NP
	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Cottle-----	0-5	Stony loam-----	GM-GC, GC, GP-GC	A-2	5-25	25-50	20-45	15-40	10-30	25-35	5-15
	5-8	Very gravelly loam, gravelly clay loam, very gravelly clay loam.	GC	A-2	5-15	40-60	35-60	30-50	20-35	30-40	10-15
	8-16	Very gravelly loam, extremely gravelly clay loam, extremely cobble clay loam.	GC, GP-GC	A-2	10-40	25-50	20-40	15-30	10-25	30-45	10-20
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
100*:											
McKeeth-----	0-5	Gravelly loam----	GC, SC	A-6	0-5	60-80	60-75	50-65	35-50	30-35	10-15
	5-16	Gravelly loam, gravelly sandy clay loam, gravelly clay loam.	SC, GC	A-6, A-7, A-2	0-30	55-75	50-70	40-60	30-50	35-45	15-20
	16-20	Gravelly sandy loam, very gravelly sandy loam.	SM, GM	A-1	0-30	45-65	40-60	30-45	15-25	15-20	NP-5
	20-60	Very gravelly loamy sand, extremely gravelly coarse sand, extremely gravelly loamy sand.	GP-GM, GP	A-1	5-35	15-45	10-40	5-20	0-10	---	NP
Veta-----	0-10	Gravelly loam----	GM, SM	A-2, A-4	0-10	60-80	55-75	50-65	30-45	20-30	NP-5
	10-31	Very gravelly fine sandy loam, very gravelly loam.	GM	A-1, A-2	0-20	40-60	35-55	30-50	20-35	---	NP
	31-60	Stratified extremely gravelly loamy sand to very gravelly loam.	GP-GM, GM	A-1	5-25	30-55	20-50	15-35	5-20	---	NP

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
101*:											
Merlin-----	0-4	Very stony loam	CL, GC, SC	A-6	15-30	55-90	55-85	45-85	35-60	30-40	10-15
	4-19	Clay loam, clay	CH	A-7	0-5	80-100	75-100	70-100	50-95	50-65	30-40
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Lostvalley-----	0-6	Stony silt loam	CL-ML, CL	A-4, A-6	5-10	95-100	90-100	85-95	70-85	25-35	5-15
	6-20	Clay, silty clay, cobble clay.	CH, MH	A-7	0-20	95-100	95-100	90-100	85-95	50-70	20-40
	20-26	Clay loam, gravelly clay loam, cobble clay loam.	CL	A-6	0-35	75-95	70-90	70-85	50-70	30-40	10-20
	26-30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Chayson-----	0-4	Silt loam-----	ML	A-4	0-5	90-100	85-100	75-90	55-75	30-35	5-10
	4-27	Clay loam, gravelly clay loam, gravelly loam.	ML, CL, SC, SM	A-6, A-7	0-5	75-100	60-95	55-85	40-75	35-45	10-20
	27-37	Gravelly loam, very gravelly loam.	GM, GC	A-4, A-6	0-10	55-75	50-70	45-65	35-50	30-40	5-15
	37-45	Indurated-----	---	---	---	---	---	---	---	---	---
	45	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
102*:											
Minveno-----	0-4	Silt loam-----	ML	A-4	0	90-100	85-100	80-100	80-90	15-25	NP-5
	4-19	Loam, silt loam, very fine sandy loam.	ML	A-4	0	90-100	85-100	80-100	80-90	15-25	NP-5
	19-39	Indurated-----	---	---	---	---	---	---	---	---	---
	39-43	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Roseworth-----	0-4	Silt loam-----	ML, CL-ML	A-4	0	100	100	95-100	85-90	25-35	5-10
	4-9	Silt loam-----	CL	A-6	0	100	100	100	90-95	30-40	10-15
	9-13	Silt loam-----	CL, CL-ML	A-6, A-4	0	100	100	100	85-90	25-35	5-15
	13-16	Indurated-----	---	---	---	---	---	---	---	---	---
	16-31	Sandy loam-----	SM	A-4	0	100	100	75-80	35-50	15-20	NP-5
	31-60	Indurated-----	---	---	---	---	---	---	---	---	---
103*:											
Mollic Haploxeralfs---	0-5	Cobbly loam-----	CL, CL-ML, SC, SC-SM	A-4, A-6	5-25	75-95	70-90	60-80	40-60	25-40	5-15
	5-21	Clay, clay loam, gravelly clay loam.	CL, CH	A-7	0-15	70-100	65-95	60-90	50-80	40-55	15-30
	21-38	Stratified cobbly clay to extremely stony loam.	CL, CL-ML, GC, GM-GC	A-2, A-4, A-6, A-7	15-45	40-95	35-90	30-85	25-75	25-50	5-30
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
Pachic Argixerolls----	0-20	Stony loam-----	CL, CL-ML, GC, GM-GC	A-4, A-6	0-25	55-95	50-90	45-80	35-65	25-35	5-15
	20-60	Variable-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
104*:											
Monasterio-----	0-6	Very stony sandy loam.	SM, SC-SM	A-2	10-15	80-90	75-85	50-65	25-35	20-30	NP-10
	6-19	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	19-24	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	24-28	Weathered bedrock	---	---	---	---	---	---	---	---	---
Chayson-----	0-5	Loam-----	ML	A-4	0-5	90-100	85-100	75-90	55-75	30-35	5-10
	5-18	Clay loam, gravelly clay loam, gravelly loam.	ML, CL, SC, SM	A-6, A-7	0-5	75-100	60-95	55-85	40-75	35-45	10-20
	18-23	Gravelly loam, very gravelly loam.	GM, GC	A-4, A-6	0-10	55-75	50-70	45-65	35-50	30-40	5-15
	23-50	Indurated-----	---	---	---	---	---	---	---	---	---
	50-54	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Budlewis-----	0-9	Silt loam-----	ML, CL-ML	A-4	0	95-100	90-100	90-100	80-90	25-35	5-10
	9-24	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-5	90-100	85-100	80-100	75-95	40-60	15-35
	24-29	Silty clay loam, clay loam, gravelly loam.	CL	A-6	0-5	75-100	70-100	65-100	50-90	30-40	10-20
	29-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
105*:											
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
Cleavage-----	0-9	Very stony loam	GM, GC	A-2, A-4, A-6	10-30	40-60	35-55	30-45	25-40	30-40	5-15
	9-16	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	<u>In</u>				<u>Pct</u>					<u>Pct</u>	
105*: Saturday-----	0-9	Stony loam-----	ML, SM	A-4	0-15	70-90	65-85	55-75	40-60	30-40	5-10
	9-24	Very gravelly clay loam, very gravelly loam.	GC	A-2, A-6	5-30	50-60	40-55	35-50	30-40	30-40	10-20
	24-56	Extremely cobbly loam, extremely cobbly sandy loam, very gravelly loam.	GM-GC	A-2	20-60	35-55	25-45	15-40	10-30	25-35	5-10
	56	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
106*: Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
Cleavage-----	0-8	Stony loam-----	GM, GC	A-2, A-4, A-6	5-20	40-60	35-55	30-45	25-40	30-40	5-15
	8-18	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Thacker-----	0-3	Stony silt loam	CL-ML, ML	A-4	10-20	75-95	70-90	65-85	50-75	25-35	5-10
	3-12	Silt loam-----	CL	A-6	0-5	75-100	70-95	65-90	50-80	30-40	10-15
	12-26	Clay-----	CL, CH	A-7	0	90-100	85-100	80-95	70-90	45-70	20-40
	26-39	Loam, clay loam, gravelly loam.	CL	A-6	0	75-100	70-100	60-90	50-75	30-40	10-20
	39-56	Indurated-----	---	---	---	---	---	---	---	---	---
	56-60	Sandy loam, gravelly sandy loam, gravelly loamy sand.	SM	A-1, A-2	0	65-100	60-100	35-65	15-35	20-30	NP-5
107*: Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
107*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
108----- Mulshoe	0-9	Very stony sandy loam.	SC-SM, GM-GC	A-2	10-25	60-85	55-80	35-65	20-35	25-30	5-10
	9-21	Very stony clay loam, very cobbly clay loam, very gravelly clay loam.	GC, CL	A-6, A-2	10-45	35-85	30-80	25-75	20-65	30-40	10-15
	21-24	Weathered bedrock	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
109*: Mulshoe-----	0-9	Very stony sandy loam.	SC-SM, GM-GC	A-2	10-25	60-85	55-80	35-65	20-35	25-30	5-10
	9-21	Very stony clay loam, very cobbly clay loam, very gravelly clay loam.	GC, CL	A-6, A-2	10-45	35-85	30-80	25-75	20-65	30-40	10-15
	21-24	Weathered bedrock	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Squawcreek-----	0-4	Stony loam-----	CL-ML, CL	A-4, A-6	5-15	80-100	75-95	65-90	50-75	25-35	5-15
	4-14	Clay loam, gravelly clay loam.	CL, GC	A-6, A-7	0-5	65-90	60-90	50-80	40-60	35-45	15-25
	14-19	Clay, gravelly clay, cobbly clay.	CL, CH	A-7	0-15	65-95	60-90	55-85	50-80	45-65	25-40
	19-23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Gaib-----	0-7	Stony loam-----	CL-ML, CL	A-4, A-6	10-20	85-95	80-90	70-80	55-65	25-35	5-15
	7-18	Very cobbly clay loam, very gravelly clay loam, very stony sandy clay loam.	GC, SC	A-2, A-6, A-7	10-40	45-70	40-70	35-60	20-50	35-50	15-25
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
110*: Nagitsy-----	0-20	Very gravelly loam.	GM	A-1, A-2	0-10	35-55	30-50	25-45	20-35	25-35	NP-10
	20-37	Very gravelly loam, extremely gravelly loam.	GM, GC	A-2	0-40	35-55	30-50	25-45	20-35	30-40	5-15
	37	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---
111*: Nazaton-----	0-15	Stony loam-----	CL, CL-ML, SC, SC-SM	A-4, A-6	5-10	75-95	70-90	60-80	45-65	25-35	5-15
	15-60	Extremely gravelly loam, extremely gravelly sandy loam, very cobbly loam.	GM-GC, GC	A-2	0-50	35-60	30-55	25-55	10-35	25-35	5-15
Naz-----	0-24	Loam-----	ML	A-4	0-5	90-100	85-95	65-80	50-65	---	NP
	24-45	Coarse sandy loam, gravelly sandy loam.	SM	A-2	0-10	75-100	70-90	45-65	25-35	---	NP
	45-50	Cobbly coarse sandy loam, gravelly coarse sandy loam.	SM	A-2, A-4, A-1	0-25	80-100	70-90	40-65	20-40	20-25	NP-5
	50-54	Weathered bedrock	---	---	---	---	---	---	---	---	---
112*: Nipintuck-----	0-2	Stony coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	5-15	45-65	35-60	20-40	10-20	20-30	NP-10
	2-6	Gravelly loam, very gravelly loam, very cobbly loam.	GM-GC, GC, SC-SM, SC	A-2, A-4, A-6	5-40	40-85	30-75	25-70	20-50	25-35	5-15
	6	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
113*:											
Nipintuck-----	0-2	Stony coarse sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	5-15	45-65	35-60	20-40	10-20	20-30	NP-10
	2-6	Gravelly loam, very gravelly loam, very cobbly loam.	GM-GC, GC, SC-SM, SC	A-2, A-4, A-6	5-40	40-85	30-75	25-70	20-50	25-35	5-15
	6	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Squawcreek-----	0-4	Stony loam-----	CL-ML, CL	A-4, A-6	5-15	80-100	75-95	65-90	50-75	25-35	5-15
	4-14	Clay loam, gravelly clay loam.	CL, GC	A-6, A-7	0-5	65-90	60-90	50-80	40-60	35-45	15-25
	14-19	Clay, gravelly clay, cobbly clay.	CL, CH	A-7	0-15	65-95	60-90	55-85	50-80	45-65	25-40
	19-23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
114*:											
Northcastle-----	0-16	Loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	70-95	55-75	25-35	5-15
	16-34	Clay loam, sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0	65-100	60-100	55-95	40-75	30-40	10-20
	34-60	Indurated-----	---	---	---	---	---	---	---	---	---
	60-72	Loamy sand, sandy loam, gravelly sandy loam.	SC-SM, SM	A-2, A-1	0	65-100	60-100	35-70	15-35	20-30	NP-10
Bluecreek-----	0-8	Loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	75-95	50-75	20-35	5-15
	8-20	Clay, sandy clay, clay loam.	CH, CL, SC	A-6, A-7	0	85-100	80-100	70-100	40-85	30-55	10-30
	20-31	Gravelly sandy loam, sandy loam, gravelly sandy clay loam.	SM, SC-SM, SC	A-2, A-4, A-1, A-6	0	65-100	60-95	35-80	20-50	20-35	NP-15
	31-41	Cemented-----	---	---	---	---	---	---	---	---	---
	41-60	Gravelly loamy sand, very gravelly sand, sand.	SP, SP-SM, SM	A-1, A-2	0	60-90	40-80	15-55	0-25	---	NP
Yatahoney-----	0-6	Loam-----	CL-ML	A-4	0-5	95-100	85-95	75-85	60-75	25-30	5-10
	6-23	Clay-----	CL, CH	A-7	0-5	95-100	90-100	85-100	70-90	40-60	20-40
	23-32	Indurated-----	---	---	---	---	---	---	---	---	---
	32-36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
115*:											
Northcastle-----	0-16	Loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	70-95	55-75	25-35	5-15
	16-34	Clay loam, sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0	65-100	60-100	55-95	40-75	30-40	10-20
	34-60	Indurated-----	---	---	---	---	---	---	---	---	---
	60-72	Loamy sand, sandy loam, gravelly sandy loam.	SC-SM, SM	A-2, A-1	0	65-100	60-100	35-70	15-35	20-30	NP-10
Wagonbox-----	0-5	Very stony loam	CL-ML	A-4	20-50	90-100	85-95	75-85	55-70	25-30	5-10
	5-17	Very cobbly clay, very stony clay, very cobbly clay loam.	CL, CH	A-7	0-50	95-100	95-100	90-100	75-90	40-55	20-30
	17-18	Indurated-----	---	---	---	---	---	---	---	---	---
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Fryingpan-----	0-3	Stony loam-----	ML, CL-ML	A-4	5-10	85-100	80-95	70-85	55-70	25-35	5-10
	3-18	Clay loam, cobbly clay loam, loam.	CL, ML	A-6, A-7	5-20	75-100	70-95	60-90	50-70	35-45	10-20
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
116*:											
Ola-----	0-5	Coarse sandy loam	SM	A-2, A-4	0	90-100	90-100	55-70	25-40	20-25	NP-5
	5-18	Loam, gravelly sandy loam, sandy loam.	CL-ML, SC-SM	A-2, A-4	0	90-100	70-90	45-75	25-60	20-30	5-10
	18-35	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	70-95	65-90	45-70	25-35	20-25	NP-5
	35-38	Weathered bedrock	---	---	---	---	---	---	---	---	---
	38-42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Earcree-----	0-34	Gravelly coarse sandy loam.	SM	A-1, A-2	0	75-95	65-75	35-45	20-35	20-25	NP-5
	34-60	Gravelly coarse sandy loam, gravelly sandy loam, gravelly loamy coarse sand.	SM, GM	A-1, A-2	0	60-80	50-75	25-50	10-35	15-25	NP-5
117*:											
Orovada-----	0-5	Very fine sandy loam.	ML	A-4	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-18	Fine sandy loam, loam.	SM, ML	A-4	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-60	Stratified fine sandy loam to silt loam.	SM, ML	A-4	0	75-100	75-100	60-85	35-55	20-30	NP-5

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments	Percentage passing				Liquid limit	Plas-ticity index
			Unified	AASHTO		sieve number--					
							3-10 inches	4	10	40	200
117*:	In				Pct					Pct	
Roseworth-----	0-4	Silt loam-----	ML, CL-ML	A-4	0	100	100	95-100	85-90	25-35	5-10
	4-9	Silt loam-----	CL	A-6	0	100	100	100	90-95	30-40	10-15
	9-13	Silt loam-----	CL, CL-ML	A-6, A-4	0	100	100	100	85-90	25-35	5-15
	13-16	Indurated-----	---	---	---	---	---	---	---	---	---
	16-31	Sandy loam-----	SM	A-4	0	100	100	75-80	35-50	15-20	NP-5
	31-60	Indurated-----	---	---	---	---	---	---	---	---	---
Wholan-----	0-4	Silt loam-----	ML	A-4	0	100	100	95-100	80-90	20-30	NP-5
	4-60	Very fine sandy loam, silt loam.	ML	A-4	0	100	100	95-100	75-90	20-30	NP-5
118*:											
Owsel-----	0-6	Silt loam-----	ML, CL-ML	A-4	0	95-100	95-100	90-95	70-85	15-25	NP-10
	6-15	Silty clay loam	CL	A-6, A-7	0	95-100	95-100	90-100	85-95	35-45	15-25
	15-18	Loam, silt loam	ML, CL-ML	A-4	0	95-100	95-100	85-95	65-85	15-25	NP-10
	18-60	Sandy loam, very fine sandy loam, fine sandy loam.	ML, SM	A-4	0-5	95-100	95-100	65-90	35-55	15-20	NP-5
Coonskin-----	0-2	Silt loam-----	ML, CL-ML	A-4	0	90-100	85-100	80-95	70-85	20-30	NP-10
	2-16	Silt loam, cobbly silt loam.	ML, CL-ML	A-4	0-15	75-100	75-95	65-90	50-80	20-30	NP-10
	16-30	Very cobbly loam, very cobbly fine sandy loam, very gravelly fine sandy loam.	SM, GM	A-1, A-2, A-4	15-40	45-75	40-70	30-60	20-40	15-25	NP-5
	30-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Orovada-----	0-5	Very fine sandy loam.	ML	A-4	0	95-100	90-100	80-95	60-75	20-30	NP-5
	5-18	Fine sandy loam, loam.	SM, ML	A-4	0	75-100	75-100	60-80	40-60	20-30	NP-5
	18-60	Stratified fine sandy loam to silt loam.	SM, ML	A-4	0	75-100	75-100	60-85	35-55	20-30	NP-5
119-----											
Parkay	0-8	Gravelly silt loam.	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	8-24	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	24-48	Very gravelly loam, extremely cobbly sandy clay loam.	GC	A-2	30-60	35-55	30-50	25-45	15-35	30-40	10-15
	48-52	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
120*: Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---
Bregar-----	0-4	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-20	70-90	60-85	50-75	40-60	20-35	5-15
	4-8	Extremely gravelly loam, very cobbly loam, extremely gravelly clay loam.	GC	A-2	5-40	35-55	25-50	20-40	15-35	30-40	10-20
	8	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
121*: Parkay-----	0-8	Gravelly silt loam.	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	8-24	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	24-48	Very gravelly loam, extremely cobbly sandy clay loam.	GC	A-2	30-60	35-55	30-50	25-45	15-35	30-40	10-15
	48-52	Weathered bedrock	---	---	---	---	---	---	---	---	---
Dehana-----	0-14	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	14-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15
122*: Parkay-----	0-8	Gravelly silt loam.	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	8-24	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	24-48	Very gravelly loam, extremely cobbly sandy clay loam.	GC	A-2	30-60	35-55	30-50	25-45	15-35	30-40	10-15
	48-52	Weathered bedrock	---	---	---	---	---	---	---	---	---
Dehana-----	0-14	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	14-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
122*: Booneville-----	0-5	Loam-----	SM, ML	A-4	0-10	75-100	75-95	60-90	45-70	20-35	NP-10
	5-14	Gravelly loam, cobbly loam.	SM, ML	A-4	10-20	75-85	70-85	60-80	40-65	20-35	NP-10
	14-30	Very gravelly loam, very cobbly loam, very cobbly clay loam.	GC	A-2, A-6	10-45	35-65	30-60	25-45	20-40	25-40	10-20
	30-60	Very cobbly loam, very cobbly clay loam, extremely cobbly clay loam.	GC	A-2, A-6	20-60	25-60	20-55	15-50	10-40	30-40	10-20
123*: Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---
Povey-----	0-6	Very gravelly loam.	GM-GC	A-2, A-4	0-5	45-65	40-55	35-50	25-40	25-30	5-10
	6-32	Very gravelly loam, very cobbly loam.	GM-GC	A-2, A-4	5-55	35-65	30-60	25-55	20-50	25-30	5-10
	32-60	Extremely cobbly loam, extremely cobbly sandy loam.	GM-GC	A-2, A-4	45-60	30-60	25-55	15-50	10-45	25-30	5-10
124*: Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
124*: Wickahoney-----	0-4	Extremely stony silt loam.	CL	A-6	20-30	80-90	75-85	60-75	50-65	30-35	10-15
	4-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-20	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	20-24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
125----- Paynecreek	0-4	Gravelly sandy loam.	SM, SC-SM	A-2	0	65-100	60-75	45-60	25-35	20-30	NP-10
	4-29	Sandy clay loam, gravelly sandy clay loam, gravelly clay loam.	SC, CL	A-6	0	75-100	70-100	60-90	35-55	30-40	10-20
	29-60	Gravelly sandy loam, very gravelly sandy loam.	GM, GM-GC, SM, SC-SM	A-2, A-1	0	40-85	35-75	25-55	15-30	20-30	NP-10
126*: Paynecreek-----	0-11	Loam-----	CL-ML, CL	A-4, A-6	0	95-100	90-100	80-90	55-75	25-35	5-15
	11-25	Loam, clay loam	CL	A-6, A-7	0	95-100	95-100	80-95	60-80	35-45	15-25
	25-42	Sandy loam-----	SM, SC-SM	A-2, A-4	0-5	95-100	90-100	55-70	25-40	15-25	NP-10
	42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Barkley-----	0-17	Loam-----	CL-ML, CL	A-4	0-5	85-100	80-95	65-85	50-70	25-30	5-10
	17-35	Sandy clay loam, clay loam.	SC, CL	A-6, A-7	0-5	85-95	80-90	70-85	40-65	30-45	10-20
	35-43	Very gravelly sandy loam.	SM, GM, GP-GM, SP-SM	A-1	0-10	50-60	40-50	25-35	10-20	20-25	NP-5
	43-60	Gravelly sandy loam.	SM, GM, GM-GC, SC-SM	A-1, A-2	0-5	55-75	50-70	30-50	15-30	20-25	NP-5
Chayson-----	0-5	Loam-----	ML	A-4	0-5	90-100	85-100	75-90	55-75	30-35	5-10
	5-18	Clay loam, gravelly clay loam, gravelly loam.	ML, CL, SC, SM	A-6, A-7	0-5	75-100	60-95	55-85	40-75	35-45	10-20
	18-23	Gravelly loam, very gravelly loam.	GM, GC	A-4, A-6	0-10	55-75	50-70	45-65	35-50	30-40	5-15
	23-50	Indurated-----	---	---	---	---	---	---	---	---	---
	50-54	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
127*:											
Paynecreek-----	0-4	Gravelly sandy loam.	SM, SC-SM	A-2	0	65-100	60-75	45-60	25-35	20-30	NP-10
	4-29	Sandy clay loam, gravelly sandy clay loam, gravelly clay loam.	SC, CL	A-6	0	75-100	70-100	60-90	35-55	30-40	10-20
	29-60	Gravelly sandy loam, very gravelly sandy loam.	GM, GM-GC, SM, SC-SM	A-2, A-1	0	40-85	35-75	25-55	15-30	20-30	NP-10
Northcastle-----	0-10	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-100	55-70	25-40	20-30	NP-10
	10-34	Clay loam, sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0	65-100	60-100	55-95	40-75	30-40	10-20
	34-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40-60	Loamy sand, sandy loam, gravelly sandy loam.	SC-SM, SM	A-2, A-1	0	65-100	60-100	35-70	15-35	20-30	NP-10
128*:											
Paynecreek-----	0-11	Loam-----	CL-ML, CL	A-4, A-6	0	95-100	90-100	80-90	55-75	25-35	5-15
	11-25	Loam, clay loam	CL	A-6, A-7	0	95-100	95-100	80-95	60-80	35-45	15-25
	25-42	Sandy loam-----	SM, SC-SM	A-2, A-4	0-5	95-100	90-100	55-70	25-40	15-25	NP-10
	42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Northcastle-----	0-16	Loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	70-95	55-75	25-35	5-15
	16-34	Clay loam, sandy clay loam, gravelly clay loam.	CL, SC, GC	A-6	0	65-100	60-100	55-95	40-75	30-40	10-20
	34-60	Indurated-----	---	---	---	---	---	---	---	---	---
	60-72	Loamy sand, sandy loam, gravelly sandy loam.	SC-SM, SM	A-2, A-1	0	65-100	60-100	35-70	15-35	20-30	NP-10
Blackwell-----	0-15	Loam-----	ML	A-4	0	90-100	90-100	70-90	50-70	20-30	NP-5
	15-25	Gravelly sandy clay loam, clay loam, silt loam.	CL	A-6	0	75-100	75-95	60-90	50-75	30-40	10-15
	25-60	Stratified clay loam to gravelly coarse sand.	CL-ML, CL, SC, SC-SM	A-6, A-4	0	75-95	70-90	55-75	40-60	25-35	5-15
129*:											
Perla-----	0-3	Loam-----	CL-ML, CL	A-4, A-6	0-5	80-100	75-95	70-85	50-70	25-35	5-15
	3-8	Clay loam-----	CL	A-6, A-7	0-5	80-100	75-95	70-90	55-80	35-50	15-25
	8-23	Clay, clay loam, gravelly clay loam.	CL, CH	A-7	0-5	70-100	65-95	60-90	50-85	40-60	20-35
	23-27	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	<u>In</u>				<u>Pct</u>					<u>Pct</u>	
129*: Ruclick-----	0-5	Cobbly loam-----	SC, ML, CL, SM	A-4, A-6	10-30	75-95	70-90	60-80	45-60	30-40	5-15
	5-10	Cobbly clay loam, gravelly clay loam.	ML, CL	A-6, A-7	10-30	70-90	65-85	60-80	50-65	35-45	10-20
	10-29	Extremely gravelly clay, very gravelly clay, very gravelly clay loam.	GC	A-2, A-7	15-40	40-65	35-60	30-55	25-50	45-65	20-35
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
130*. Pits, gravel											
131*. Pits and Dumps, mine											
132*: Pixley-----	0-6	Silt loam-----	ML	A-4, A-6	0-5	85-100	80-95	75-90	60-80	30-40	5-15
	6-18	Silty clay loam, gravelly silty clay loam, gravelly clay loam.	CL, ML	A-6, A-7	0-5	65-100	65-95	55-90	50-85	35-50	10-25
	18-34	Cemented-----	---	---	---	---	---	---	---	---	---
	34-60	Fine sandy loam, gravelly fine sandy loam, sandy loam.	GM, SM	A-2, A-4	0-5	55-100	50-95	40-70	25-50	20-30	NP-5
Barkley-----	0-17	Loam-----	CL-ML, CL	A-4	0-5	85-100	80-95	65-85	50-70	25-30	5-10
	17-35	Sandy clay loam, clay loam.	SC, CL	A-6, A-7	0-5	85-95	80-90	70-85	40-65	30-45	10-20
	35-43	Very gravelly sandy loam.	SM, GM, GP-GM, SP-SM	A-1	0-10	50-60	40-50	25-35	10-20	20-25	NP-5
	43-60	Gravelly sandy loam.	SM, GM, GM-GC, SC-SM	A-1, A-2	0-5	55-75	50-70	30-50	15-30	20-25	NP-5
133*: Playas.											
Duric Natrargids	0-4	Silt loam-----	ML, CL-ML	A-4	0-5	100	95-100	90-100	75-90	25-35	5-10
	4-15	Clay, silty clay, silty clay loam.	CL, CH	A-7	0	100	100	95-100	80-95	40-60	20-30
	15-60	Stratified silty clay loam to fine sandy loam.	ML, CL-ML, CL	A-4, A-6	0	95-100	90-100	70-100	50-90	20-40	NP-20

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
134*: Plush-----	0-4	Very stony sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	15-30	45-70	40-65	25-40	10-25	20-30	NP-10
	4-11	Gravelly clay loam, gravelly loam.	GC, GM, SM, SC	A-6, A-4	10-25	65-85	55-70	45-65	35-50	30-40	5-15
	11-20	Very gravelly clay loam, very cobbly clay loam.	GC, GM	A-2, A-6, A-7	10-35	40-65	30-60	25-55	20-45	35-45	10-20
	20-48	Very gravelly loam, extremely gravelly loam, extremely cobbly loam.	GM	A-1, A-2	15-50	25-50	15-45	10-40	10-30	30-35	5-10
	48	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rubbleland.											
Rock outcrop.											
135*: Poisoncreek----	0-5	Stony coarse sandy loam.	SC-SM, SM	A-2, A-1	5-20	70-95	65-90	40-60	20-35	20-30	NP-10
	5-12	Very cobbly clay loam, very gravelly sandy clay loam, very gravelly loam.	GC	A-2, A-6	15-40	50-65	45-60	35-55	25-40	30-40	10-20
	12-15	Weathered bedrock	---	---	---	---	---	---	---	---	---
	15-19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Kanlee-----	0-10	Fine gravelly coarse sandy loam.	SM	A-2, A-1	0	85-100	55-75	35-55	20-35	20-35	NP-10
	10-32	Fine gravelly sandy clay loam, gravelly sandy clay loam, sandy clay loam.	CL-ML, CL, SC, SC-SM	A-4, A-6	0-15	85-100	65-95	55-80	35-55	20-40	5-15
	32-45	Weathered bedrock	---	---	---	---	---	---	---	---	---
	45-49	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
136*: Poisoncreek----	0-5	Stony coarse sandy loam.	SC-SM, SM	A-2, A-1	5-20	70-95	65-90	40-60	20-35	20-30	NP-10
	5-12	Very cobbly clay loam, very gravelly sandy clay loam, very gravelly loam.	GC	A-2, A-6	15-40	50-65	45-60	35-55	25-40	30-40	10-20
	12-15	Weathered bedrock	---	---	---	---	---	---	---	---	---
	15-19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
136*: Kanlee-----	0-10	Fine gravelly coarse sandy loam.	SM	A-2, A-1	0	85-100	55-75	35-55	20-35	20-35	NP-10
	10-32	Fine gravelly sandy clay loam, gravelly sandy clay loam, sandy clay loam.	CL-ML, CL, SC, SC-SM	A-4, A-6	0-15	85-100	65-95	55-80	35-55	20-40	5-15
	32-45	Weathered bedrock	---	---	---	---	---	---	---	---	---
	45-49	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bauscher-----	0-12	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-95	55-70	25-40	20-30	NP-10
	12-45	Loam, sandy clay loam.	CL, SC	A-6	0	90-100	85-95	45-75	40-55	25-35	10-15
	45-54	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	75-95	65-85	40-60	25-30	20-25	NP-5
	54-58	Weathered bedrock	---	---	---	---	---	---	---	---	---
137*: Povey-----	0-22	Loam-----	ML	A-4	0-5	75-90	75-85	55-80	50-70	20-35	NP-10
	22-35	Very gravelly loam, very cobble loam, extremely gravelly fine sandy loam.	GM, GM-GC	A-2, A-1	10-50	30-60	25-55	20-50	10-35	20-30	NP-10
	35-50	Very cobbly loam, extremely cobbly sandy loam, extremely cobbly loam.	GM	A-1, A-2	40-70	50-60	45-55	30-45	20-35	20-25	NP-5
	50-54	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dehana-----	0-14	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	14-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15
138*: Povey-----	0-6	Very gravelly loam.	GM-GC	A-2, A-4	0-5	45-65	40-55	35-50	25-40	25-30	5-10
	6-32	Very gravelly loam, very cobble loam.	GM-GC	A-2, A-4	5-55	35-65	30-60	25-55	20-50	25-30	5-10
	32-60	Extremely cobbly loam, extremely cobble sandy loam.	GM-GC	A-2, A-4	45-60	30-60	25-55	15-50	10-45	25-30	5-10

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
138*: Earcree-----	0-34	Gravelly coarse sandy loam.	SM	A-1, A-2	0	75-95	65-75	35-45	20-35	20-25	NP-5
	34-60	Gravelly coarse sandy loam, gravelly sandy loam, gravelly loamy coarse sand.	SM, GM	A-1, A-2	0	60-80	50-75	25-50	10-35	15-25	NP-5
139*: Povey-----	0-22	Loam-----	ML	A-4	0-5	75-90	75-85	55-80	50-70	20-35	NP-10
	22-35	Very gravelly loam, very cobbly loam, extremely gravelly fine sandy loam.	GM, GM-GC	A-2, A-1	10-50	30-60	25-55	20-50	10-35	20-30	NP-10
	35-50	Very cobbly loam, extremely cobbly sandy loam, extremely cobbly loam.	GM	A-1, A-2	40-70	50-60	45-55	30-45	20-35	20-25	NP-5
	50-54	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Nagitsy-----	0-10	Loam-----	ML	A-4	0	90-100	85-100	70-90	55-70	25-35	NP-10
	10-32	Very gravelly loam, extremely gravelly loam.	GM, GC	A-2	0-40	35-55	30-50	25-45	20-35	30-40	5-15
	32-36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
140*: Quicksilver----	0-4	Bouldery coarse sandy loam.	SM	A-1, A-2	0-10	75-95	55-85	30-50	15-30	15-25	NP-5
	4-15	Gravelly coarse sandy loam, coarse sandy loam.	SM	A-1, A-2	0-5	75-95	55-85	25-50	10-30	15-25	NP-5
	15-18	Gravelly loamy coarse sand, very gravelly coarse sandy loam.	SM	A-1	0-5	75-95	45-70	15-45	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Takeuchi-----	0-12	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0	65-90	55-75	35-50	15-30	20-30	NP-5
	12-26	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0-10	65-90	55-75	35-50	15-30	20-30	NP-5
	26-36	Weathered bedrock	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
141*: Ratsnest-----	0-2	Gravelly silt loam.	GM, ML	A-4	0	65-80	60-75	55-70	45-65	25-40	NP-10
	2-25	Silty clay loam, clay, silty clay.	CL, CH	A-7	0	95-100	90-100	75-100	65-95	40-60	15-30
	25-33	Silty clay loam, silt loam, gravelly silt loam.	CL-ML, CL	A-4, A-6	0	75-100	70-100	65-95	55-90	25-40	5-15
	33-39	Silt loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	75-95	65-85	25-35	5-15
	39	Weathered bedrock	---	---	---	---	---	---	---	---	---
Ornea-----	0-3	Loam-----	ML, CL-ML	A-4	0	95-100	80-95	65-85	50-75	25-35	5-10
	3-16	Gravelly loam, gravelly sandy clay loam, gravelly clay loam.	SC, CL, GC	A-6, A-7	0-5	55-80	50-75	40-65	35-55	35-45	15-20
	16-60	Very gravelly coarse sand, extremely gravelly coarse sand, very cobbly sand.	GP, SP	A-1	10-30	30-60	25-55	15-35	5-10	---	NP
142*: Roca-----	0-6	Stony loam-----	CL	A-6	10-15	80-100	75-95	65-85	50-75	25-35	10-15
	6-22	Very gravelly clay loam, very cobbly clay.	GC, CL, CH	A-7	20-55	55-75	50-70	45-65	35-60	45-60	25-35
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Freshwater-----	0-5	Stony loam-----	CL-ML, CL	A-4, A-6	5-10	85-100	80-90	65-85	50-70	20-35	5-15
	5-18	Gravelly clay loam, gravelly silty clay loam, clay loam.	GC, SC, CL	A-6	0-10	60-95	55-90	50-85	40-80	30-40	10-20
	18-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
143*: Rock outcrop.											
Xerollic Haplargids-----	0-6	Stony loam-----	GM-GC, GC	A-2, A-4, A-6	0-30	40-70	35-65	30-55	20-45	20-35	5-15
	6-12	Silty clay loam, very gravelly sandy clay loam, very gravelly loam.	CL, GC	A-6	0-10	45-85	40-85	40-80	35-70	25-40	10-20
	12-60	Stratified extremely gravelly sand to very gravelly loam.	GM, GP-GM	A-1	0-15	25-55	20-55	10-40	5-25	15-25	NP-5
144*: Rubbleland.											

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
144*: Rock outcrop.											
Pachic Argixerolls----	0-20	Stony loam-----	CL, CL-ML, GC, GM-GC	A-4, A-6	0-25	55-95	50-90	45-80	35-65	25-35	5-15
	20-60	Variable-----	---	---	---	---	---	---	---	---	---
145*: Salisbury-----	0-10	Loam-----	CL	A-6	0-5	85-100	80-95	65-90	50-70	30-40	10-15
	10-24	Clay, clay loam	CH, CL	A-7	0-5	85-100	80-95	70-95	55-85	45-55	20-30
	24-30	Loam, gravelly loam, clay loam.	SC, CL, CL-ML, SC-SM	A-6	0-5	75-95	70-90	60-85	40-70	30-40	10-15
	30-46	Indurated-----	---	---	---	---	---	---	---	---	---
	46-60	Cemented-----	---	---	---	---	---	---	---	---	---
Gacey-----	0-4	Stony loam-----	SC, GC, SC-SM	A-4, A-6	5-15	65-80	60-75	50-70	35-50	25-35	5-15
	4-9	Cobbly clay loam	CL, GC	A-6, A-7	5-15	65-80	60-75	55-75	40-60	35-45	10-20
	9-16	Very cobbly clay	CL, CH, GC	A-7	20-40	55-75	50-70	45-70	40-65	45-65	20-30
	16-21	Indurated-----	---	---	---	---	---	---	---	---	---
	21-27	Cemented-----	---	---	---	---	---	---	---	---	---
	27-60	Extremely gravelly loamy sand, extremely cobbly loamy sand.	GP, GP-GM	A-1	20-50	25-45	15-40	10-30	0-10	15-20	NP-5
Barnard-----	0-6	Silt loam-----	CL	A-6	0	95-100	90-100	80-90	60-85	25-35	10-20
	6-11	Silty clay loam	ML, CL	A-6, A-7	0-5	95-100	90-100	85-95	75-90	35-45	10-20
	11-23	Silty clay, clay, silty clay loam.	CL, CH	A-7	0-5	95-100	90-100	80-95	75-95	45-60	20-35
	23-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40-60	Very gravelly loam, cobbly loam.	ML, GM, SM	A-2, A-4	15-30	50-85	40-80	35-70	25-55	20-25	NP-5
146*: Saturday-----	0-9	Stony loam-----	ML, SM	A-4	0-15	70-90	65-85	55-75	40-60	30-40	5-10
	9-24	Very gravelly clay loam, very gravelly loam.	GC	A-2, A-6	5-30	50-60	40-55	35-50	30-40	30-40	10-20
	24-56	Extremely cobbly loam, extremely cobbly sandy loam, very gravelly loam.	GM-GC	A-2	20-60	35-55	25-45	15-40	10-30	25-35	5-10
	56	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
146*: Mulshoe-----	0-9	Very stony sandy loam.	SC-SM, GM-GC	A-2	10-25	60-85	55-80	35-65	20-35	25-30	5-10
	9-21	Very stony clay loam, very cobbly clay loam, very gravelly clay loam.	GC, CL	A-6, A-2	10-45	35-85	30-80	25-75	20-65	30-40	10-15
	21-24	Weathered bedrock	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
147----- Scism	0-6	Silt loam-----	ML, CL-ML	A-4	0	100	100	95-100	75-90	20-30	NP-10
	6-21	Silt loam, silt, very fine sandy loam.	ML, CL-ML	A-4	0	100	100	95-100	75-100	20-30	NP-10
	21-34	Cemented-----	---	---	---	---	---	---	---	---	---
	34-60	Silt loam, loam, sandy loam.	ML, CL-ML, SM, SC-SM	A-4	0	90-100	85-100	70-100	40-90	20-30	NP-10
148----- Scism	0-2	Very fine sandy loam.	ML, CL-ML	A-4	0	100	100	90-100	60-75	20-30	NP-10
	2-24	Silt loam, silt, very fine sandy loam.	ML, CL-ML	A-4	0	100	100	95-100	75-100	20-30	NP-10
	24-40	Cemented-----	---	---	---	---	---	---	---	---	---
	40-60	Silt loam, loam, sandy loam.	ML, CL-ML, SM, SC-SM	A-4	0	90-100	85-100	70-100	40-90	20-30	NP-10
149*: Scism-----	0-2	Very fine sandy loam.	ML, CL-ML	A-4	0	100	100	90-100	60-75	20-30	NP-10
	2-24	Silt loam, silt, very fine sandy loam.	ML, CL-ML	A-4	0	100	100	95-100	75-100	20-30	NP-10
	24-40	Cemented-----	---	---	---	---	---	---	---	---	---
	40-60	Silt loam, loam, sandy loam.	ML, CL-ML, SM, SC-SM	A-4	0	90-100	85-100	70-100	40-90	20-30	NP-10
Coonskin-----	0-3	Stony silt loam	ML, CL-ML	A-4	0-5	90-100	85-100	80-95	70-85	20-30	NP-10
	3-7	Silt loam, cobbly silt loam.	ML, CL-ML	A-4	0-15	75-100	75-95	65-90	50-80	20-30	NP-10
	7-22	Very cobbly loam, very cobbly fine sandy loam, very gravelly fine sandy loam.	SM, GM	A-1, A-2, A-4	15-40	45-75	40-70	30-60	20-40	15-25	NP-5
	22-40	Indurated-----	---	---	---	---	---	---	---	---	---
	40-44	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
150*: Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobble clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bregar-----	0-4	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-20	70-90	60-85	50-75	40-60	20-35	5-15
	4-8	Extremely gravelly loam, very cobble loam, extremely gravelly clay loam.	GC	A-2	5-40	35-55	25-50	20-40	15-35	30-40	10-20
	8	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
151*: Sharesnout-----	0-6	Stony loam-----	CL-ML, CL	A-4, A-6	0-5	75-85	75-85	65-75	50-60	25-40	5-15
	6-10	Extremely gravelly clay loam, very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	10-30	Extremely gravelly clay loam, extremely cobble clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bregar-----	0-4	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-20	70-90	60-85	50-75	40-60	20-35	5-15
	4-8	Extremely gravelly loam, very cobble loam, extremely gravelly clay loam.	GC	A-2	5-40	35-55	25-50	20-40	15-35	30-40	10-20
	8	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
151*: Coser-----	0-4	Gravelly loam----	SC, GC	A-6	0-5	65-80	60-75	55-65	40-50	30-40	10-15
	4-19	Clay, gravelly clay.	CH	A-7	0-5	80-100	75-95	70-90	60-85	50-70	25-40
	19-31	Clay, gravelly clay loam.	CL, CH, GC	A-7	0-5	65-90	60-85	55-80	45-70	40-55	20-30
	31	Weathered bedrock	---	---	---	---	---	---	---	---	---
152*: Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Budlewis-----	0-9	Silt loam-----	ML, CL-ML	A-4	0	95-100	90-100	90-100	80-90	25-35	5-10
	9-24	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-5	90-100	85-100	80-100	75-95	40-60	15-35
	24-29	Silty clay loam, clay loam, gravelly loam.	CL	A-6	0-5	75-100	70-100	65-100	50-90	30-40	10-20
	29-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
153*: Sharesnout-----	0-6	Stony loam-----	CL-ML, CL	A-4, A-6	0-5	75-85	75-85	65-75	50-60	25-40	5-15
	6-10	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	10-30	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
153*: Coser-----	0-4	Gravelly loam----	SC, GC	A-6	0-5	65-80	60-75	55-65	40-50	30-40	10-15
	4-19	Clay, gravelly clay.	CH	A-7	0-5	80-100	75-95	70-90	60-85	50-70	25-40
	19-31	Clay, gravelly clay loam.	CL, CH, GC	A-7	0-5	65-90	60-85	55-80	45-70	40-55	20-30
	31	Weathered bedrock	---	---	---	---	---	---	---	---	---
Threek-----	0-4	Stony loam-----	GM-GC, GC, SC-SM, SC	A-4, A-6	5-10	65-85	60-80	50-70	35-50	25-35	5-15
	4-12	Very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	0-40	35-65	30-60	25-55	20-50	30-45	10-25
	12-24	Very gravelly clay, extremely gravelly clay.	GC	A-2, A-7	0-30	25-60	20-55	15-50	15-45	45-75	20-45
	24-60	Stratified fine sandy loam to extremely gravelly loamy sand.	GP-GM, SP-SM, GM, SM	A-1, A-3, A-2	0-30	25-90	20-85	10-60	5-35	15-25	NP-5
154*: Sharesnout-----	0-4	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
154*: Pixley-----	0-6	Silt loam-----	ML	A-4, A-6	0-5	85-100	80-95	75-90	60-80	30-40	5-15
	6-18	Silty clay loam, gravelly silty clay loam, gravelly clay loam.	CL, ML	A-6, A-7	0-5	65-100	65-95	55-90	50-85	35-50	10-25
	18-34	Cemented-----	---	---	---	---	---	---	---	---	---
	34-60	Fine sandy loam, gravelly fine sandy loam, sandy loam.	GM, SM	A-2, A-4	0-5	55-100	50-95	40-70	25-50	20-30	NP-5
155----- Shoofly	0-7	Gravelly loam---	CL-ML, ML, GM-GC, GM	A-4	0	60-80	55-75	50-65	40-55	25-35	5-10
	7-12	Clay loam, gravelly clay loam, silty clay loam.	CL	A-6, A-7	0	75-95	70-90	60-85	50-75	35-50	15-30
	12-14	Indurated-----	---	---	---	---	---	---	---	---	---
	14-39	Cemented-----	---	---	---	---	---	---	---	---	---
	39-60	Very gravelly coarse sand, extremely gravelly coarse sand.	GP, SP	A-1	15-20	25-60	20-55	10-25	0-5	---	NP
156*: Snell-----	0-10	Stony loam-----	ML, SM, CL-ML, SC-SM	A-4	20-50	80-100	70-100	60-95	40-75	25-35	5-10
	10-22	Very gravelly clay loam.	GM, GC	A-6, A-2	5-20	40-60	35-55	30-50	25-40	35-40	10-15
	22-39	Very cobbly clay, extremely cobbly clay, very cobbly clay loam.	CL, CH, GC, SC	A-2, A-7	40-75	50-100	45-100	35-95	30-90	40-55	20-35
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Kiyi-----	0-8	Gravelly loam---	CL-ML, CL	A-4, A-6	0-5	75-100	70-95	60-90	50-70	25-35	5-15
	8-25	Gravelly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-7	5-15	50-80	45-75	40-70	35-55	35-50	15-25
	25-40	Gravelly clay, cobbly clay.	CH	A-7	5-25	70-85	65-80	60-75	50-70	50-65	25-40
	40-60	Very cobbly clay, very cobbly sandy clay, very stony clay.	GC	A-7, A-2	25-40	40-65	35-60	30-55	20-50	45-65	20-40

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
157*: Snell-----	0-10	Stony loam-----	ML, SM, CL-ML, SC-SM	A-4	20-50	80-100	70-100	60-95	40-75	25-35	5-10
	10-22	Very gravelly clay loam.	GM, GC	A-6, A-2	5-20	40-60	35-55	30-50	25-40	35-40	10-15
	22-39	Very cobbly clay, extremely cobbly clay, very cobbly clay loam.	CL, CH, GC, SC	A-2, A-7	40-75	50-100	45-100	35-95	30-90	40-55	20-35
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Sharesnout-----	0-4	Gravelly loam---	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
158*: Snowmore-----	0-3	Stony silt loam	ML, CL-ML	A-4	5-10	95-100	80-95	70-95	60-85	25-35	5-10
	3-11	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	11-31	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	31-36	Indurated-----	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Igert-----	0-5	Loam-----	CL-ML, ML	A-4	0-5	85-100	80-95	65-85	50-70	25-35	5-10
	5-18	Gravelly clay loam, gravelly loam, clay loam.	ML, CL, GC	A-6, A-7	0-5	70-90	65-85	55-80	45-65	35-45	10-20
	18-29	Extremely gravelly loam, very gravelly loam, gravelly loam.	GM-GC, GM	A-2, A-1	0-15	20-60	15-55	10-40	10-30	20-30	NP-10
	29-33	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
158*: Bruncan-----	0-6	Silt loam-----	CL-ML, CL	A-6, A-4	0-5	90-100	85-100	70-95	55-85	20-35	5-15
	6-15	Silt loam, silty clay loam, clay loam.	CL	A-6	0-5	90-100	85-100	75-95	60-85	25-40	10-25
	15-19	Very cobbly silt loam, very cobbly loam, very gravelly loam.	GM, GM-GC, ML, CL-ML	A-2, A-4	15-50	45-75	40-70	35-65	25-55	20-30	NP-10
	19-24	Indurated-----	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
159*: Snowmore-----	0-3	Stony silt loam	ML, CL-ML	A-4	5-10	95-100	80-95	70-95	60-85	25-35	5-10
	3-11	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	11-31	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	31-36	Indurated-----	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Troughs-----	0-2	Very stony loam	CL-ML, CL, GC, GM-GC	A-4, A-6	10-30	55-80	50-75	40-70	35-60	25-35	5-15
	2-8	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	8-15	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	15-30	Indurated-----	---	---	---	---	---	---	---	---	---
160*: Snowmore-----	0-4	Silt loam-----	ML, CL-ML	A-4	0-5	95-100	80-95	70-95	50-70	25-35	5-10
	4-13	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	13-23	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	23-28	Indurated-----	---	---	---	---	---	---	---	---	---
	28-32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
160*: Willhill-----	0-5	Gravelly loam----	GM, GM-GC	A-4	0-10	55-75	50-75	40-60	35-50	20-30	NP-10
	5-13	Very gravelly clay loam, gravelly clay loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	13-28	Extremely gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	28-32	Weathered bedrock	---	---	---	---	---	---	---	---	---
161*: Southmount-----	0-5	Silt loam-----	ML, CL-ML	A-4	0	80-100	75-95	70-90	60-80	20-30	NP-10
	5-13	Silt loam, loam, cobbly silt loam.	CL-ML, CL	A-4, A-6	0-20	80-100	75-95	65-90	50-80	20-35	5-15
	13-42	Clay loam, cobbly clay loam, gravelly clay loam.	CL	A-6, A-7	0-20	80-100	75-95	70-90	55-70	35-45	15-25
	42-60	Gravelly sandy loam, sandy loam, gravelly coarse sandy loam.	SM, SC-SM	A-1, A-2, A-4	0-10	65-100	60-95	30-65	20-40	20-30	NP-10
Booneville-----	0-5	Loam-----	SM, ML	A-4	0-10	75-100	75-95	60-90	45-70	20-35	NP-10
	5-14	Gravelly loam, cobbly loam.	SM, ML	A-4	10-20	75-85	70-85	60-80	40-65	20-35	NP-10
	14-30	Very gravelly loam, very cobbly loam, very cobbly clay loam.	GC	A-2, A-6	10-45	35-65	30-60	25-45	20-40	25-40	10-20
	30-60	Very cobbly loam, very cobbly clay loam, extremely cobbly clay loam.	GC	A-2, A-6	20-60	25-60	20-55	15-50	10-40	30-40	10-20
162*: Squawcreek-----	0-4	Very stony silt loam.	CL-ML, ML	A-4	5-15	85-95	80-90	70-80	55-70	20-30	NP-10
	4-12	Clay loam, gravelly clay loam.	CL, GC	A-6, A-7	0-5	65-90	60-90	50-80	40-60	35-45	15-25
	12-18	Clay, gravelly clay, cobbly clay.	CL, CH	A-7	0-15	65-95	60-90	55-85	50-80	45-65	25-40
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
162*:	In				Pct					Pct	
Avtable-----	0-4	Stony loam-----	CL-ML, ML, GM-GC	A-4	5-15	65-85	60-80	50-75	35-60	25-35	5-10
	4-10	Cobbly clay loam, gravelly loam, very gravelly loam.	GM, GC, SM, SC	A-4, A-6	5-25	55-80	50-75	45-70	35-50	30-40	5-15
	10-19	Extremely stony clay loam, very cobbly loam, extremely gravelly loam.	GC, GM	A-2, A-4, A-6	30-65	35-70	30-65	25-60	20-50	30-40	5-15
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Wagonbox-----	0-5	Very stony loam	CL-ML	A-4	20-50	90-100	85-95	75-85	55-70	25-30	5-10
	5-17	Very cobbly clay, very stony clay, very cobbly clay loam.	CL, CH	A-7	0-50	95-100	95-100	90-100	75-90	40-55	20-30
	17-18	Indurated-----	---	---	---	---	---	---	---	---	---
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
163*:											
Squawcreek-----	0-4	Stony loam-----	CL-ML, CL	A-4, A-6	5-15	80-100	75-95	65-90	50-75	25-35	5-15
	4-14	Clay loam, gravelly clay loam.	CL, GC	A-6, A-7	0-5	65-90	60-90	50-80	40-60	35-45	15-25
	14-19	Clay, gravelly clay, cobbly clay.	CL, CH	A-7	0-15	65-95	60-90	55-85	50-80	45-65	25-40
	19-23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
164*:											
Squawcreek-----	0-4	Stony loam-----	CL-ML, CL	A-4, A-6	5-15	80-100	75-95	65-90	50-75	25-35	5-15
	4-14	Clay loam, gravelly clay loam.	CL, GC	A-6, A-7	0-5	65-90	60-90	50-80	40-60	35-45	15-25
	14-19	Clay, gravelly clay, cobbly clay.	CL, CH	A-7	0-15	65-95	60-90	55-85	50-80	45-65	25-40
	19-23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
164*: Zecanyon-----	0-8	Stony silt loam	CL-ML, CL	A-4, A-6	0-5	70-90	65-85	55-80	50-70	25-35	5-15
	8-30	Clay, cobbly clay loam, clay loam.	CL, CH	A-7	0-15	70-95	65-90	60-85	50-75	40-65	20-35
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
165*: Strickland-----	0-14	Loam-----	CL-ML	A-4	0-15	95-100	90-100	80-90	65-75	20-30	5-10
	14-29	Loam, cobbly loam	CL-ML, CL	A-4, A-6	5-40	85-95	80-90	60-80	50-65	25-35	5-15
	29-33	Weathered bedrock	---	---	---	---	---	---	---	---	---
Dehana-----	0-14	Gravelly loam----	SC-SM, GM-GC	A-4	0-5	55-80	50-75	45-65	35-50	20-30	5-10
	14-60	Gravelly loam, gravelly clay loam.	SM, SC-SM, GM, GM-GC	A-4, A-6	0-15	55-75	50-75	45-70	35-50	25-40	5-15
Parkay-----	0-10	Gravelly loam----	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	10-35	Cobbly loam, very cobbly loam.	GC, SC	A-6	15-50	65-80	60-75	50-65	40-50	30-40	10-15
	35-45	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	45-49	Weathered bedrock	---	---	---	---	---	---	---	---	---
166*: Succor-----	0-5	Gravelly loam----	GM-GC, GC, SC, SC-SM	A-4, A-6	0-10	65-80	60-75	55-65	40-50	25-40	5-20
	5-22	Clay, clay loam	CL, CH	A-7	0-5	85-100	80-95	75-90	60-85	40-70	25-45
	22-60	Sandy loam, loam, gravelly loam.	GM-GC, GC, CL, CL-ML	A-4, A-6	0-10	60-95	55-90	50-80	35-60	25-35	5-15
Gooding-----	0-7	Loam-----	CL-ML, ML	A-4	0-5	85-100	80-95	70-85	55-70	25-35	5-10
	7-30	Clay, clay loam	CL, CH	A-7	0	95-100	90-100	85-95	60-90	45-65	20-40
	30-57	Gravelly clay loam, clay loam.	CL	A-7, A-6	0-5	75-95	70-90	65-85	50-70	35-45	15-25
	57-60	Cemented-----	---	---	---	---	---	---	---	---	---
Deshler-----	0-15	Silt loam-----	CL-ML, ML	A-4	0	95-100	95-100	90-100	75-90	25-35	5-10
	15-39	Silty clay loam, clay loam, clay.	CL, CH	A-6, A-7	0	95-100	95-100	90-100	75-95	35-65	20-40
	39-43	Weathered bedrock	---	---	---	---	---	---	---	---	---
167----- Sugarcreek	0-4	Gravelly loam----	GM-GC, GM, SM, SC-SM	A-4	0-5	60-80	55-75	50-65	35-50	25-35	5-10
	4-21	Gravelly loam, very gravelly loam.	GM	A-4	0-15	55-75	50-70	45-60	35-50	30-40	5-10
	21-39	Very gravelly sandy loam, extremely gravelly loamy sand.	GP-GM, GM	A-1	5-25	20-55	15-50	10-35	5-20	20-30	NP-5
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
168*:											
Takeuchi-----	0-13	Bouldery coarse sandy loam.	SM	A-1, A-2	5-15	60-90	50-75	30-50	10-30	---	NP
	13-26	Gravelly coarse sandy loam, fine gravelly sandy loam.	SM	A-1, A-2	5-20	65-90	55-75	35-50	15-30	20-30	NP-5
	26-34	Weathered bedrock	---	---	---	---	---	---	---	---	---
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Earcree-----	0-34	Gravelly coarse sandy loam.	SM	A-1, A-2	0	75-95	65-75	35-45	20-35	20-25	NP-5
	34-60	Gravelly coarse sandy loam, gravelly sandy loam, gravelly loamy coarse sand.	SM, GM	A-1, A-2	0	60-80	50-75	25-50	10-35	15-25	NP-5
		Rock outcrop.									
169*:											
Takeuchi-----	0-12	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0	65-90	55-75	35-50	15-30	20-30	NP-5
	12-26	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0-10	65-90	55-75	35-50	15-30	20-30	NP-5
	26-36	Weathered bedrock	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Kanlee-----	0-10	Fine gravelly coarse sandy loam.	SM	A-2, A-1	0	85-100	55-75	35-55	20-35	20-35	NP-10
	10-32	Fine gravelly sandy clay loam, gravelly sandy clay loam, sandy clay loam.	CL-ML, CL, SC, SC-SM	A-4, A-6	0-15	85-100	65-95	55-80	35-55	20-40	5-15
	32-45	Weathered bedrock	---	---	---	---	---	---	---	---	---
	45-49	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Poisoncreek-----	0-3	Gravelly coarse sandy loam.	GM, SM, SC-SM, GM-GC	A-2, A-1	0-5	55-80	50-75	30-50	15-30	20-30	NP-10
	3-6	Very cobbly clay loam, very gravelly sandy clay loam, very gravelly loam.	GC	A-2, A-6	15-40	50-65	45-60	35-55	25-40	30-40	10-20
	6-12	Extremely cobbly sandy clay loam, extremely gravelly sandy clay loam.	GC, GM-GC	A-2	20-70	25-55	20-45	15-40	10-35	25-40	5-15
	12-16	Weathered bedrock	---	---	---	---	---	---	---	---	---
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments	Percentage passing				Liquid limit	Plas-ticity index
			Unified	AASHTO		sieve number--					
							3-10 inches	4	10	40	200
170*:	In				Pct					Pct	
Takeuchi-----	0-12	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0	65-90	55-75	35-50	15-30	20-30	NP-5
	12-26	Fine gravelly coarse sandy loam.	SM	A-1, A-2	0-10	65-90	55-75	35-50	15-30	20-30	NP-5
	26-36	Weathered bedrock	---	---	---	---	---	---	---	---	---
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Quicksilver-----	0-4	Bouldery coarse sandy loam.	SM	A-1, A-2	0-10	75-95	55-85	30-50	15-30	15-25	NP-5
	4-15	Gravelly coarse sandy loam, coarse sandy loam.	SM	A-1, A-2	0-5	75-95	55-85	25-50	10-30	15-25	NP-5
	15-18	Gravelly loamy coarse sand, very gravelly coarse sandy loam.	SM	A-1	0-5	75-95	45-70	15-45	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
171-----	0-3	Silt loam-----	ML, CL-ML	A-4	0	85-100	85-100	75-100	60-90	25-35	5-10
Tanner	3-10	Silty clay loam, clay loam.	ML, CL	A-6, A-7	0	95-100	95-100	90-100	80-95	35-45	10-20
	10-20	Silty clay, cobbly silty clay, gravelly silty clay.	CL, CH	A-7	0-25	85-100	85-100	85-95	75-85	45-55	20-30
	20-36	Gravelly loam, loam, silt loam.	ML	A-4	0-10	65-90	65-90	65-85	50-75	25-35	NP-10
	36-51	Indurated-----	---	---	---	---	---	---	---	---	---
	51-55	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
172*:	0-4	Loam-----	ML, CL-ML	A-4	0	85-100	85-100	75-100	60-90	25-35	5-10
Tanner-----	4-11	Silty clay loam, clay loam.	ML, CL	A-6, A-7	0	95-100	95-100	90-100	80-95	35-45	10-20
	11-16	Silty clay, cobbly silty clay, gravelly silty clay.	CL, CH	A-7	0-25	85-100	85-100	85-95	75-85	45-55	20-30
	16-21	Gravelly loam, loam, silt loam.	ML	A-4	0-10	65-90	65-90	65-85	50-75	25-35	NP-10
	21-42	Indurated-----	---	---	---	---	---	---	---	---	---
	42-46	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
172*:											
Dishpan-----	0-4	Loam-----	CL-ML, CL	A-4, A-6	0-5	95-100	90-100	80-95	55-75	20-30	5-15
	4-16	Clay loam, gravelly clay loam, silty clay loam.	CL	A-6	0-5	75-95	70-90	65-85	55-80	30-40	15-25
	16-28	Very cobbly fine sandy loam, very cobbly sandy loam, very gravelly sandy loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	15-40	45-75	40-70	30-55	10-35	15-20	NP-5
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
173*:											
Thacker-----	0-3	Stony silt loam	CL-ML, ML	A-4	10-20	75-95	70-90	65-85	50-75	25-35	5-10
	3-12	Silt loam-----	CL	A-6	0-5	75-100	70-95	65-90	50-80	30-40	10-15
	12-26	Clay-----	CL, CH	A-7	0	90-100	85-100	80-95	70-90	45-70	20-40
	26-39	Loam, clay loam, gravelly loam.	CL	A-6	0	75-100	70-100	60-90	50-75	30-40	10-20
	39-56	Indurated-----	---	---	---	---	---	---	---	---	---
	56-60	Sandy loam, gravelly sandy loam, gravelly loamy sand.	SM	A-1, A-2	0	65-100	60-100	35-65	15-35	20-30	NP-5
Cleavage-----	0-9	Very stony loam	GM, GC	A-2, A-4, A-6	10-30	40-60	35-55	30-45	25-40	30-40	5-15
	9-16	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bigflat-----	0-9	Silt loam-----	ML, CL-ML	A-4	0-5	80-100	75-100	70-95	60-85	20-30	NP-10
	9-19	Clay, silty clay	CL, CH	A-7	0-10	80-100	75-100	65-95	55-90	40-60	20-40
	19-48	Loam, fine sandy loam, gravelly fine sandy loam.	ML, SM, GM	A-2, A-4	0-15	65-100	60-100	45-85	30-65	20-35	NP-10
	48-60	Very gravelly sandy loam, extremely gravelly loamy sand.	GP-GM, GM, SM, SP-SM	A-1	0-40	25-65	20-60	15-40	5-25	---	NP
174*:											
Thacker-----	0-3	Stony silt loam	CL-ML, ML	A-4	10-20	75-95	70-90	65-85	50-75	25-35	5-10
	3-12	Silt loam-----	CL	A-6	0-5	75-100	70-95	65-90	50-80	30-40	10-15
	12-26	Clay-----	CL, CH	A-7	0	90-100	85-100	80-95	70-90	45-70	20-40
	26-39	Loam, clay loam, gravelly loam.	CL	A-6	0	75-100	70-100	60-90	50-75	30-40	10-20
	39-56	Indurated-----	---	---	---	---	---	---	---	---	---
	56-60	Sandy loam, gravelly sandy loam, gravelly loamy sand.	SM	A-1, A-2	0	65-100	60-100	35-65	15-35	20-30	NP-5

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
						Pct					
174*:											
Cleavage-----	0-5	Very gravelly loam.	GM-GC, GC	A-2, A-4, A-6	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	5-15	Very cobbly clay loam, extremely gravelly clay loam, very gravelly loam.	GC	A-2	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	15-19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Sharesnout-----	0-4	Gravelly loam	GM-GC, GC, SC-SM, SC	A-4, A-6	0-10	55-80	50-75	45-65	35-50	25-40	5-15
	4-15	Extremely gravelly clay loam, very gravelly clay loam, very cobbly clay loam.	GC	A-2, A-6, A-7	5-30	40-65	35-60	30-55	20-45	35-55	15-30
	15-22	Extremely gravelly clay loam, extremely cobbly clay, extremely gravelly clay.	GC	A-2	20-40	25-50	20-45	15-40	10-35	45-80	20-45
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
175*:											
Thacker-----	0-3	Stony silt loam	CL-ML, ML	A-4	10-20	75-95	70-90	65-85	50-75	25-35	5-10
	3-12	Silt loam	CL	A-6	0-5	75-100	70-95	65-90	50-80	30-40	10-15
	12-26	Clay	CL, CH	A-7	0	90-100	85-100	80-95	70-90	45-70	20-40
	26-39	Loam, clay loam, gravelly loam.	CL	A-6	0	75-100	70-100	60-90	50-75	30-40	10-20
	39-56	Indurated	---	---	---	---	---	---	---	---	---
	56-60	Sandy loam, gravelly sandy loam, gravelly loamy sand.	SM	A-1, A-2	0	65-100	60-100	35-65	15-35	20-30	NP-5
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
Cleavage-----	0-5	Very gravelly loam.	GM-GC, GC	A-2, A-4, A-6	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	5-15	Very cobbly clay loam, extremely gravelly clay loam, very gravelly loam.	GC	A-2	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	15-19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
176*: Threek-----	0-7	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-5	60-80	55-75	50-65	35-50	25-35	5-15
	7-13	Very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	0-40	35-65	30-60	25-55	20-50	30-45	10-25
	13-31	Very gravelly clay, extremely gravelly clay.	GC	A-2, A-7	0-30	25-60	20-55	15-50	15-45	45-75	20-45
	31-60	Stratified fine sandy loam to extremely gravelly loamy sand.	GP-GM, SP-SM, GM, SM	A-1, A-3, A-2	0-30	25-90	20-85	10-60	5-35	15-25	NP-5
Barkley-----	0-4	Loam-----	CL-ML, CL	A-4	0-5	85-100	80-95	65-85	50-70	25-30	5-10
	4-15	Sandy clay loam, clay loam.	SC, CL	A-6, A-7	0-5	85-95	80-90	70-85	40-65	30-45	10-20
	15-37	Sandy loam, gravelly sandy loam.	SM, SC-SM	A-1, A-2	0-5	65-90	60-85	40-55	20-30	20-25	NP-5
	37-60	Very gravelly sandy loam.	SM, GM, GP-GM, SP-SM	A-1	0-10	50-60	40-50	25-35	10-20	20-25	NP-5
Blackleg-----	0-8	Gravelly loam----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-15	80-95	75-90	65-85	45-65	25-35	5-15
	8-13	Cobbly clay, cobble clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	13-29	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	29-42	Indurated-----	---	---	---	---	---	---	---	---	---
177*: Threek-----	0-7	Gravelly loam----	GM-GC, GC, SC-SM, SC	A-4, A-6	0-5	60-80	55-75	50-65	35-50	25-35	5-15
	7-13	Very gravelly clay loam, very cobble clay loam.	GC	A-2, A-6, A-7	0-40	35-65	30-60	25-55	20-50	30-45	10-25
	13-31	Very gravelly clay, extremely gravelly clay.	GC	A-2, A-7	0-30	25-60	20-55	15-50	15-45	45-75	20-45
	31-60	Stratified fine sandy loam to extremely gravelly loamy sand.	GP-GM, SP-SM, GM, SM	A-1, A-3, A-2	0-30	25-90	20-85	10-60	5-35	15-25	NP-5

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
177*:											
Blackleg-----	0-8	Gravelly loam----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-15	80-95	75-90	65-85	45-65	25-35	5-15
	8-13	Cobbly clay, cobbly clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	13-29	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	29-42	Indurated-----	---	---	---	---	---	---	---	---	---
Hatpeak-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0	80-100	75-100	65-80	55-70	25-35	5-15
	6-26	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	26-60	Indurated-----	---	---	---	---	---	---	---	---	---
178*:											
Tindahay-----	0-14	Loamy fine sand	SM	A-2, A-4	0	100	95-100	60-85	30-50	---	NP
	14-24	Fine sandy loam	SM	A-4	0	100	95-100	70-85	35-50	20-30	NP-5
	24-42	Loamy sand, sand	SM	A-2	0	100	90-100	55-75	10-30	---	NP
	42-60	Fine gravelly coarse sand, loamy coarse sand.	SM, SP-SM	A-1, A-2, A-3	0	80-100	65-95	35-65	5-25	---	NP
Royal-----	0-4	Very fine sandy loam.	ML, CL-ML	A-4	0	100	100	90-100	50-75	20-30	NP-10
	4-60	Sandy loam, fine sandy loam, very fine sandy loam.	SM, CL-ML, ML, SC-SM	A-4	0	95-100	95-100	65-95	35-70	20-30	NP-10
Badlands.											
179*:											
Troughs-----	0-2	Stony loam-----	SC-SM, CL-ML	A-4	5-15	70-90	65-85	55-80	45-65	20-30	5-10
	2-6	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	6-12	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	12-20	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
179*:											
Arbidge-----	0-4	Loam-----	ML	A-4	0	85-100	80-100	70-95	55-80	20-35	NP-10
	4-20	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	90-100	85-100	60-80	40-55	30-40	10-20
	20-34	Sandy loam, sandy clay loam, gravelly sandy loam.	SM, GM	A-2, A-4, A-1	0-5	60-100	55-95	35-80	20-50	20-35	NP-10
	34-36	Cemented-----	---	---	---	---	---	---	---	---	---
	36-60	Extremely gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	0-15	20-50	10-40	5-25	0-10	---	NP
180*:											
Troughs-----	0-2	Very stony loam	CL-ML, CL, GC, GM-GC	A-4, A-6	10-30	55-80	50-75	40-70	35-60	25-35	5-15
	2-8	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	8-15	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	15-30	Indurated-----	---	---	---	---	---	---	---	---	---
Jenor-----	0-5	Very fine sandy loam.	ML, CL-ML	A-4	0	90-100	90-100	80-95	50-65	15-25	NP-10
	5-21	Fine sandy loam, loam.	SM, SC-SM	A-4	0-5	80-95	75-95	60-75	35-50	15-25	NP-10
	21-60	Indurated-----	---	---	---	---	---	---	---	---	---
Laped-----	0-8	Stony silt loam	ML, CL-ML	A-4	10-35	75-90	70-85	65-80	50-70	25-35	5-10
	8-16	Gravelly silty clay loam, gravelly clay loam.	CL, ML, GC, GM	A-6, A-7	0-10	60-80	55-75	50-70	40-60	35-45	10-20
	16-19	Gravelly loam, gravelly silt loam.	SM, GM	A-4	5-20	60-80	55-75	50-70	35-50	25-30	NP-5
	19-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
181*:											
Troughs-----	0-2	Very stony loam	CL-ML, CL, GC, GM-GC	A-4, A-6	10-30	55-80	50-75	40-70	35-60	25-35	5-15
	2-8	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	8-15	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	15-30	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
181*: Owsel-----	0-6	Silt loam-----	ML, CL-ML	A-4	0	95-100	95-100	90-95	70-85	15-25	NP-10
	6-15	Silty clay loam	CL	A-6, A-7	0	95-100	95-100	90-100	85-95	35-45	15-25
	15-18	Loam, silt loam	ML, CL-ML	A-4	0	95-100	95-100	85-95	65-85	15-25	NP-10
	18-60	Sandy loam, very fine sandy loam, fine sandy loam.	ML, SM	A-4	0-5	95-100	95-100	65-90	35-55	15-20	NP-5
182*: Troughs-----	0-2	Stony loam-----	SC-SM, CL-ML	A-4	5-15	70-90	65-85	55-80	45-65	20-30	5-10
	2-6	Cobbly clay loam, very cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2, A-7	10-50	45-85	40-80	35-75	30-60	30-45	10-20
	6-12	Very cobbly loam, extremely cobbly loam, very cobbly clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6, A-2	40-75	50-95	45-90	40-85	30-70	25-40	5-15
	12-20	Indurated-----	---	---	---	---	---	---	---	---	---
Sugarcreek-----	0-3	Stony loam-----	GM-GC, GM, SM, SC-SM	A-4	10-20	60-80	55-75	50-65	35-50	25-35	5-10
	3-8	Gravelly loam, very gravelly loam.	GM	A-4	0-15	55-75	50-70	45-60	35-50	30-40	5-10
	8-28	Very gravelly sandy loam, extremely gravelly loamy sand.	GP-GM, GM	A-1	5-25	20-55	15-50	10-35	5-20	20-30	NP-5
	28-32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
183*: Tucker-----	0-5	Silt loam-----	CL	A-6	0	100	95-100	90-95	80-90	30-35	10-15
	5-16	Silty clay loam	CL	A-6, A-7	0	95-100	95-100	95-100	85-90	35-45	15-25
	16-32	Silty clay, clay loam, silty clay loam.	CL, CH	A-7	0	95-100	95-100	95-100	90-95	40-55	15-30
	32-60	Clay loam-----	CL	A-6, A-7	0	100	95-100	85-95	70-80	35-45	15-25
Zola-----	0-4	Silt loam-----	CL-ML, CL	A-4, A-6	0	100	100	90-100	70-90	25-35	5-15
	4-13	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	80-90	35-40	20-25
	13-60	Clay loam, loam	CL	A-6, A-7	0	100	100	80-95	70-80	35-45	20-30
184*: Typic Haploxerolls---	0-3	Very gravelly loamy sand.	GM, SM	A-1	0-40	45-70	40-65	25-45	10-20	---	NP
	3-22	Stratified gravelly sandy loam to very gravelly sandy clay loam.	GM, GM-GC, SM, SC-SM	A-1, A-2	0-50	45-80	40-75	25-60	10-35	20-30	NP-10
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
184*: Pachic Argixerolls----	0-20	Stony loam-----	CL, CL-ML, GC, GM-GC	A-4, A-6	0-25	55-95	50-90	45-80	35-65	25-35	5-15
	20-60	Variable-----	---	---	---	---	---	---	---	---	---
Badlands.											
185*: Typic Torripsamments-	0-4	Loamy fine sand	SM	A-2, A-4	0	85-100	85-100	60-80	30-45	---	NP
	4-60	Stratified loamy fine sand to very gravelly sand.	SM, SP-SM	A-2, A-3, A-1	0-10	65-100	45-100	35-80	5-35	---	NP
Typic Torrifluvents--	0-8	Sandy loam-----	SM	A-2	0	80-100	75-95	50-65	25-35	20-30	NP-5
	8-60	Stratified fine sandy loam to very gravelly sand.	GM, GP-GM, SM, SP-SM	A-1, A-2, A-3, A-4	0-45	40-90	35-85	20-65	5-45	<30	NP-5
186*: Typic Torripsamments-	0-4	Loamy fine sand	SM	A-2, A-4	0	85-100	85-100	60-80	30-45	---	NP
	4-60	Stratified loamy fine sand to very gravelly sand.	SM, SP-SM	A-2, A-3, A-1	0-10	65-100	45-100	35-80	5-35	---	NP
Typic Torriorthents--	0-8	Fine sandy loam	SM	A-4	0-5	80-100	80-100	70-95	35-50	20-30	NP-5
	8-21	Variable-----	---	---	---	---	---	---	---	---	---
	21-25	Weathered bedrock	---	---	---	---	---	---	---	---	---
187*: Upcreek-----	0-5	Loam-----	CL, ML	A-4, A-6	0	100	95-100	85-95	60-75	30-40	5-15
	5-29	Clay loam, loam	CL	A-6	0	90-100	85-100	85-95	65-80	30-40	10-15
	29-60	Stratified sand to very gravelly loamy sand.	GM, SM	A-1, A-2	0-35	45-100	35-90	25-60	10-25	---	NP
Riverwash.											
188*: Vickery-----	0-4	Silt loam-----	CL-ML, ML	A-4	0	100	100	90-100	70-90	20-30	NP-10
	4-12	Silt loam, loam	ML, CL-ML	A-4	0	100	100	90-100	70-85	25-35	5-10
	12-25	Loam, silt loam, very fine sandy loam.	CL-ML, ML	A-4	0	95-100	85-100	75-90	50-80	20-30	NP-10
	25-40	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
188*: Snowmore-----	0-8	Loam-----	ML, CL-ML	A-4	0-5	95-100	80-95	70-95	50-70	25-35	5-10
	8-19	Loam, clay loam	CL, ML	A-4, A-6, A-7	0-5	95-100	80-95	70-95	60-85	30-45	5-20
	19-34	Gravelly fine sandy loam, cobbly fine sandy loam, gravelly loam.	SM	A-2, A-4	0-25	65-85	60-80	40-65	25-45	20-30	NP-5
	34-38	Indurated-----	---	---	---	---	---	---	---	---	---
	38-42	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
189*: Vipont-----	0-10	Stony loam-----	GM-GC, SC-SM	A-4	0-10	60-80	55-75	50-65	35-50	20-30	5-10
	10-21	Cobbly clay loam, very gravelly clay loam, very cobbly clay loam.	GC, CL, SC	A-6	15-50	55-90	50-90	45-80	35-70	30-40	10-15
	21-36	Extremely cobbly clay loam, extremely cobbly sandy clay loam.	GC	A-6	20-75	45-70	40-60	40-55	35-50	30-40	10-15
	36-40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bauscher-----	0-8	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-95	55-70	25-40	20-30	NP-10
	8-30	Loam, sandy clay loam.	CL, SC	A-6	0	90-100	85-95	45-75	40-55	25-35	10-15
	30-42	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	75-95	65-85	40-60	25-30	20-25	NP-5
	42-46	Weathered bedrock	---	---	---	---	---	---	---	---	---
190----- Vitale	0-5	Very stony loam	GC, GM-GC	A-2, A-4, A-6	15-30	45-60	40-55	35-50	25-40	25-35	5-15
	5-28	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	5-30	40-55	35-50	30-50	25-40	35-45	10-20
	28-34	Very gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	35-55	30-50	25-50	20-40	25-35	5-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
191*: Vitale-----	0-5	Very stony loam	GC, GM-GC	A-2, A-4, A-6	15-30	45-60	40-55	35-50	25-40	25-35	5-15
	5-28	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	5-30	40-55	35-50	30-50	25-40	35-45	10-20
	28-34	Very gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	35-55	30-50	25-50	20-40	25-35	5-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
191*: Cleavage-----	0-9	Very stony loam	GM, GC	A-2, A-4, A-6	10-30	40-60	35-55	30-45	25-40	30-40	5-15
	9-16	Very gravelly clay loam, extremely cobbly clay loam, very cobbly clay loam.	GC, GM	A-2	5-50	30-50	25-45	20-40	15-35	35-45	10-20
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bauscher-----	0-8	Sandy loam-----	SM, SC-SM	A-2, A-4	0	90-100	85-95	55-70	25-40	20-30	NP-10
	8-30	Loam, sandy clay loam.	CL, SC	A-6	0	90-100	85-95	45-75	40-55	25-35	10-15
	30-42	Coarse sandy loam, gravelly coarse sandy loam.	SM	A-2	0	75-95	65-85	40-60	25-30	20-25	NP-5
	42-46	Weathered bedrock	---	---	---	---	---	---	---	---	---
192*: Vitale-----	0-5	Stony loam-----	GC, GM-GC	A-2, A-4, A-6	0-20	45-60	40-55	35-50	25-40	25-35	5-15
	5-29	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	5-30	40-55	35-50	30-50	25-40	35-45	10-20
	29-33	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Itca-----	0-4	Very stony loam	GM-GC, GC	A-4, A-6	10-40	60-75	50-65	45-60	35-50	25-35	5-15
	4-16	Very stony clay loam, very cobbly clay loam, extremely cobbly clay.	GC	A-2, A-6, A-7	25-65	35-65	30-60	25-55	20-50	35-50	15-30
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rubbleland.											
193*: Vitale-----	0-5	Very stony loam	GC, GM-GC	A-2, A-4, A-6	15-30	45-60	40-55	35-50	25-40	25-35	5-15
	5-28	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	5-30	40-55	35-50	30-50	25-40	35-45	10-20
	28-34	Very gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	35-55	30-50	25-50	20-40	25-35	5-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
193*:											
Mulshoe-----	0-9	Very stony sandy loam.	SC-SM, GM-GC	A-2	10-25	60-85	55-80	35-65	20-35	25-30	5-10
	9-21	Very stony clay loam, very cobbly clay loam, very gravelly clay loam.	GC, CL	A-6, A-2	10-45	35-85	30-80	25-75	20-65	30-40	10-15
	21-24	Weathered bedrock	---	---	---	---	---	---	---	---	---
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Itca-----	0-4	Very stony loam	GM-GC, GC	A-4, A-6	10-40	60-75	50-65	45-60	35-50	25-35	5-15
	4-16	Very stony clay loam, very cobbly clay loam, extremely cobbly clay.	GC	A-2, A-6, A-7	25-65	35-65	30-60	25-55	20-50	35-50	15-30
	16-20	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
194*:											
Vitale-----	0-5	Very stony loam	GC, GM-GC	A-2, A-4, A-6	15-30	45-60	40-55	35-50	25-40	25-35	5-15
	5-28	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	5-30	40-55	35-50	30-50	25-40	35-45	10-20
	28-34	Very gravelly loam, extremely cobbly loam.	GC, GM-GC	A-2, A-4, A-6	15-50	35-55	30-50	25-50	20-40	25-35	5-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
195*:											
Wagonbox-----	0-5	Very stony loam	CL-ML	A-4	20-50	90-100	85-95	75-85	55-70	25-30	5-10
	5-17	Very cobbly clay, very stony clay, very cobbly clay loam.	CL, CH	A-7	0-50	95-100	95-100	90-100	75-90	40-55	20-30
	17-18	Indurated-----	---	---	---	---	---	---	---	---	---
	18-22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Deunah-----	0-4	Stony silt loam	CL-ML, CL	A-4, A-6	10-15	95-100	90-100	85-100	70-90	20-35	5-15
	4-9	Silty clay loam, clay loam, silt loam.	CL	A-6	0-10	95-100	95-100	80-100	70-90	25-40	10-20
	9-27	Clay-----	CH	A-7	0-10	95-100	95-100	90-100	85-95	60-80	30-45
	27-30	Indurated-----	---	---	---	---	---	---	---	---	---
Hatpeak-----	0-6	Loam-----	CL-ML, CL	A-4, A-6	0	80-100	75-100	65-80	55-70	25-35	5-15
	6-26	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-15	95-100	90-100	70-90	60-85	40-55	20-35
	26-60	Indurated-----	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
196*: Wareagle-----	0-7	Very gravelly loam.	GM, GM-GC	A-1, A-2	0-5	40-55	35-50	30-45	20-35	20-30	NP-10
	7-15	Very gravelly loam, very cobbly loam.	GM-GC, GM	A-2	5-25	40-55	35-50	30-45	20-35	25-35	5-10
	15-60	Extremely gravelly loam, extremely gravelly sandy loam, extremely cobbly loam.	GP-GM, GM, GM-GC	A-1, A-2	5-40	15-40	10-35	5-30	5-25	20-30	NP-10
Povey-----	0-6	Very gravelly loam.	GM-GC	A-2, A-4	0-5	45-65	40-55	35-50	25-40	25-30	5-10
	6-32	Very gravelly loam, very cobbly loam.	GM-GC	A-2, A-4	5-55	35-65	30-60	25-55	20-50	25-30	5-10
	32-60	Extremely cobbly loam, extremely cobbly sandy loam.	GM-GC	A-2, A-4	45-60	30-60	25-55	15-50	10-45	25-30	5-10
197*: Weash-----	0-3	Loam-----	ML	A-4	0	90-100	85-95	75-85	50-65	20-30	NP-5
	3-12	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	95-100	95-100	80-95	40-70	30-40	10-15
	12-60	Weathered bedrock	---	---	---	---	---	---	---	---	---
Ruclick-----	0-5	Cobbly loam-----	SC, ML, CL, SM	A-4, A-6	10-30	75-95	70-90	60-80	45-60	30-40	5-15
	5-29	Extremely gravelly clay, very gravelly clay, very gravelly clay loam.	GC	A-2, A-7	15-40	40-65	35-60	30-55	25-50	45-65	20-35
	29-33	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
198*: Weash-----	0-3	Loam-----	ML	A-4	0	90-100	85-95	75-85	50-65	20-30	NP-5
	3-12	Sandy clay loam, clay loam, loam.	SC, CL	A-6	0	95-100	95-100	80-95	40-70	30-40	10-15
	12-60	Weathered bedrock	---	---	---	---	---	---	---	---	---
Schnipper-----	0-12	Silt loam-----	CL, CL-ML	A-4	0	95-100	95-100	90-100	70-90	25-30	5-10
	12-26	Silty clay loam, clay loam, loam.	CL	A-6, A-7	0	95-100	95-100	90-100	75-85	35-45	15-20
	26-36	Silty clay loam, loam, very fine sandy loam.	CL, CL-ML	A-4, A-6	0-5	95-100	90-100	85-100	60-85	25-35	5-15
	36-60	Cemented-----	---	---	---	---	---	---	---	---	---
199----- Welch	0-9	Loam-----	CL-ML	A-4	0	95-100	95-100	85-95	60-70	25-30	5-10
	9-60	Stratified sandy loam to silty clay loam.	CL	A-6	0	80-100	75-100	65-90	50-70	30-40	10-20

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
200*:											
Welch-----	0-9	Loam-----	CL-ML	A-4	0	95-100	95-100	85-95	60-70	25-30	5-10
	9-60	Stratified sandy loam to silty clay loam.	CL	A-6	0	80-100	75-100	65-90	50-70	30-40	10-20
Upcreek-----	0-5	Loam-----	CL, ML	A-4, A-6	0	100	95-100	85-95	60-75	30-40	5-15
	5-29	Clay loam, loam	CL	A-6	0	90-100	85-100	85-95	65-80	30-40	10-15
	29-60	Stratified sand to very gravelly loamy sand.	GM, SM	A-1, A-2	0-35	45-100	35-90	25-60	10-25	---	NP
201*:											
Wickahoney-----	0-4	Extremely stony silt loam.	CL	A-6	20-30	80-90	75-85	60-75	50-65	30-35	10-15
	4-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-20	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	20-24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Blackleg-----	0-13	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-30	85-95	85-90	55-85	45-65	25-35	5-15
	13-23	Cobbly clay, cobbly clay loam, gravelly clay loam.	CL, CH	A-6, A-7	0-35	65-95	60-90	55-85	50-80	35-55	15-30
	23-36	Very cobbly clay, very cobbly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7, A-2	0-50	40-80	35-70	30-65	25-60	40-65	20-45
	36-50	Indurated-----	---	---	---	---	---	---	---	---	---
Thacker-----	0-3	Stony silt loam	CL-ML, ML	A-4	10-20	75-95	70-90	65-85	50-75	25-35	5-10
	3-12	Silt loam-----	CL	A-6	0-5	75-100	70-95	65-90	50-80	30-40	10-15
	12-26	Clay-----	CL, CH	A-7	0	90-100	85-100	80-95	70-90	45-70	20-40
	26-39	Loam, clay loam, gravelly loam.	CL	A-6	0	75-100	70-100	60-90	50-75	30-40	10-20
	39-56	Indurated-----	---	---	---	---	---	---	---	---	---
	56-60	Sandy loam, gravelly sandy loam, gravelly loamy sand.	SM	A-1, A-2	0	65-100	60-100	35-65	15-35	20-30	NP-5

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
202*: Wickahoney-----	In										
	0-4	Extremely stony silt loam.	CL	A-6	20-30	80-90	75-85	60-75	50-65	30-35	10-15
	4-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-20	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	20-24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Budlewis-----	0-9	Silt loam-----	ML, CL-ML	A-4	0	95-100	90-100	90-100	80-90	25-35	5-10
	9-24	Silty clay loam, silty clay, clay.	CL, CH	A-7	0-5	90-100	85-100	80-100	75-95	40-60	15-35
	24-29	Silty clay loam, clay loam, gravelly loam.	CL	A-6	0-5	75-100	70-100	65-100	50-90	30-40	10-20
	29-30	Indurated-----	---	---	---	---	---	---	---	---	---
	30-34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
203*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Doodlelink-----	0-6	Gravelly loam----	GM-GC, SC-SM	A-4	0-5	60-80	50-75	45-65	35-50	20-25	5-10
	6-25	Very gravelly loam, extremely gravelly clay loam.	GM, GM-GC	A-2	0-5	35-55	20-45	20-40	15-30	25-35	5-10
	25-60	Extremely gravelly clay loam, extremely gravelly loam, very gravelly sandy loam.	GC, GM-GC, GP-GC	A-2	0-25	25-40	10-30	10-25	5-20	25-40	5-15

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
204*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Monasterio-----	0-11	Stony sandy loam	SM, SC-SM	A-2	5-10	80-95	75-90	50-65	25-35	20-30	NP-10
	11-25	Very gravelly sandy loam, very cobbly sandy clay loam.	GM-GC, GC	A-2	5-25	45-65	40-60	30-55	15-35	25-40	5-15
	25-28	Extremely cobbly sandy clay loam, extremely cobbly sandy loam.	GP-GC, GM-GC, GC	A-2	30-60	20-45	15-40	10-35	5-20	25-40	5-15
	28	Weathered bedrock	---	---	---	---	---	---	---	---	---
Yatahoney-----	0-9	Silt loam-----	CL-ML	A-4	0-5	95-100	85-95	75-85	60-75	25-30	5-10
	9-22	Clay loam, sandy clay loam, gravelly clay loam.	CL, CL-ML	A-4, A-6	0-5	70-100	65-100	60-95	50-75	25-40	5-15
	22-26	Clay-----	CL, CH	A-7	0-5	95-100	90-100	85-100	70-90	40-60	20-40
	26-38	Indurated-----	---	---	---	---	---	---	---	---	---
	38	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
205*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Parkay-----	0-8	Gravelly silt loam.	GM-GC, SC-SM, CL-ML, ML	A-4	0-10	70-80	60-75	55-70	40-55	25-35	5-10
	8-24	Very cobbly clay loam, very gravelly clay loam.	GC	A-2, A-6, A-7	30-55	45-60	40-55	35-50	30-40	35-45	15-25
	24-48	Very gravelly loam, extremely cobbly sandy clay loam.	GC	A-2	30-60	35-55	30-50	25-45	15-35	30-40	10-15
	48-52	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
205*: Bregar-----	In 0-4	Stony loam-----	CL-ML, CL, SC-SM, SC	A-4, A-6	5-20	70-90	60-85	50-75	40-60	20-35	5-15
	4-8	Extremely gravelly loam, very cobbly loam, extremely gravelly clay loam.	GC	A-2	5-40	35-55	25-50	20-40	15-35	30-40	10-20
	8	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
206*: Wickahoney-----	0-4	Extremely stony loam.	CL	A-6	20-30	80-90	75-85	60-75	50-65	30-35	10-15
	4-11	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	11-15	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	15-19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Wagonbox-----	0-3	Extremely stony loam.	CL-ML	A-4	20-50	90-100	85-95	75-85	55-70	25-30	5-10
	3-14	Very cobbly clay, very stony clay, very cobbly clay loam.	CL, CH	A-7	0-50	95-100	95-100	90-100	75-90	40-55	20-30
	14-21	Indurated-----	---	---	---	---	---	---	---	---	---
	21-25	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rubbleland.											
207*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		3-10 inches	4	10	40		
			In				Pct				
207*: Zecanyon-----	0-10	Gravelly loam----	GM-GC, SC-SM, SC, GC	A-4, A-6	0-5	65-85	60-80	55-75	35-50	25-35	5-15
	10-24	Gravelly clay, cobble clay, gravelly clay loam.	CL, CH	A-6, A-7	5-25	65-95	60-90	55-90	55-80	35-55	15-30
	24-37	Extremely gravelly clay loam, extremely gravelly sandy clay loam.	GC, GP-GC	A-2	10-20	15-35	10-30	5-25	5-20	30-40	10-20
	37	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
208*: Wickahoney-----	0-5	Stony loam-----	SC-SM	A-4	5-10	70-80	65-80	50-65	35-45	25-30	5-10
	5-12	Cobbly clay loam, very stony clay loam, stony loam.	SC, CL	A-6	5-30	75-90	70-85	60-80	45-65	30-40	10-20
	12-19	Very cobbly clay, very gravelly clay, very gravelly clay loam.	CL, CH, GC, SC	A-7	20-50	55-95	50-90	45-85	40-75	40-55	20-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Zecanyon-----	0-9	Loam-----	CL-ML, SC-SM	A-4	0-5	75-95	75-90	60-80	40-65	20-30	5-10
	9-20	Gravelly clay, cobble clay, gravelly clay loam.	CL, CH	A-6, A-7	5-25	65-95	60-90	55-90	55-80	35-55	15-30
	20-28	Extremely gravelly clay loam, extremely gravelly sandy clay loam.	GC, GP-GC	A-2	10-20	15-35	10-30	5-25	5-20	30-40	10-20
	28-32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hat-----	0-5	Gravelly loam----	CL-ML, GM-GC	A-4	0-5	65-85	60-80	50-70	40-55	20-30	5-10
	5-19	Very gravelly clay loam, gravelly clay loam, very gravelly loam.	GC, GM	A-6, A-7	5-20	50-75	45-70	40-60	35-50	35-45	10-20
	19-24	Extremely gravelly clay loam, extremely cobble clay loam, very cobble loam.	GC, GM	A-2, A-6, A-7	30-65	40-65	30-60	25-55	20-50	35-45	10-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
			In				Pct				Pct
209*: Willhill-----	0-3	Stony loam-----	CL-ML, ML	A-4	5-10	75-85	70-80	60-70	50-60	20-30	NP-10
	3-10	Very gravelly clay loam, gravelly clay loam, very cobble clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	10-22	Extremely gravelly loam, extremely cobble loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Bedstead-----	0-11	Extremely stony silt loam.	CL-ML, CL	A-4, A-6	25-40	85-95	80-90	75-85	60-75	20-35	5-15
	11-21	Very cobble clay, extremely stony clay loam, extremely stony clay.	CL, CH	A-7	20-60	90-100	85-95	80-90	70-85	40-60	15-35
	21-22	Indurated-----	---	---	---	---	---	---	---	---	---
	22	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
210*: Willhill-----	0-3	Stony loam-----	CL-ML, ML	A-4	5-10	75-85	70-80	60-70	50-60	20-30	NP-10
	3-10	Very gravelly clay loam, gravelly clay loam, very cobble clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	10-22	Extremely gravelly loam, extremely cobble loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Cottle-----	0-4	Stony loam-----	GM-GC, GC, GP-GC	A-2	5-25	25-50	20-45	15-40	10-30	25-35	5-15
	4-8	Very gravelly loam, gravelly clay loam, very gravelly clay loam.	GC	A-2	5-15	40-60	35-60	30-50	20-35	30-40	10-15
	8-17	Very gravelly loam, extremely gravelly clay loam, extremely cobble clay loam.	GC, GP-GC	A-2	10-40	25-50	20-40	15-30	10-25	30-45	10-20
	17-21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit Pct	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
211*:											
Willhill-----	0-3	Stony loam-----	CL-ML, ML	A-4	5-10	75-85	70-80	60-70	50-60	20-30	NP-10
	3-10	Very gravelly clay loam, gravelly clay loam, very cobble clay loam.	CL-ML, CL, GC, GM-GC	A-4, A-6	15-50	65-85	60-80	55-80	40-65	25-40	5-20
	10-22	Extremely gravelly loam, extremely cobble loam.	GC, GM-GC	A-2	30-50	25-45	20-40	20-35	15-30	20-30	5-15
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Cottle-----	0-4	Stony loam-----	GM-GC, GC, GP-GC	A-2	5-25	25-50	20-45	15-40	10-30	25-35	5-15
	4-8	Very gravelly loam, gravelly clay loam, very gravelly clay loam.	GC	A-2	5-15	40-60	35-60	30-50	20-35	30-40	10-15
	8-17	Very gravelly loam, extremely gravelly clay loam, extremely cobble clay loam.	GC, GP-GC	A-2	10-40	25-50	20-40	15-30	10-25	30-45	10-20
	17-21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Longcreek-----	0-3	Cobble loam-----	SC, SC-SM, CL-ML, CL	A-4, A-6	10-30	70-90	65-85	55-75	45-60	25-40	5-15
	3-17	Very cobble clay, very stony clay.	CL, CH, GC	A-7	25-50	50-65	45-60	40-60	35-55	45-60	25-40
	17-21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
212*:											
Xeric Torriorthents--	0-4	Stony loam-----	SC-SM, GM-GC	A-4	5-25	55-90	50-85	40-75	35-50	25-30	5-10
	4-60	Variable-----	---	---	---	---	---	---	---	---	---
Typic Torriorthents--	0-10	Silt loam-----	ML	A-4	10-20	80-100	75-100	65-95	50-90	20-30	NP-5
	10-45	Variable-----	---	---	---	---	---	---	---	---	---
	45	Weathered bedrock	---	---	---	---	---	---	---	---	---
Badlands.											

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag- ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
						Pct					
213*: Xerollic Haplargids-----	0-3	Stony loam-----	GM-GC, GC	A-2, A-4, A-6	0-30	40-70	35-65	30-55	20-45	20-35	5-15
	3-6	Silty clay loam, very gravelly sandy clay loam, very gravelly loam.	CL, GC	A-6	0-10	45-85	40-85	40-80	35-70	25-40	10-20
	6-60	Stratified extremely gravelly sand to very gravelly loam.	GM, GP-GM	A-1	0-15	25-55	20-55	10-40	5-25	15-25	NP-5
Xerollic Paleargids-----	0-4	Very stony silt loam.	CL, ML	A-4, A-6	5-15	75-100	70-100	65-95	50-90	30-40	5-15
	4-22	Clay, gravelly clay loam, very gravelly clay.	CL, CH, GC, SC	A-7	0-15	55-95	50-90	45-85	40-80	40-60	20-35
	22	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rubbleland.											
214*: Yatahoney-----	0-6	Loam-----	CL-ML	A-4	0-5	95-100	85-95	75-85	60-75	25-30	5-10
	6-23	Clay-----	CL, CH	A-7	0-5	95-100	90-100	85-100	70-90	40-60	20-40
	23-32	Indurated-----	---	---	---	---	---	---	---	---	---
	32-36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Nicholflat-----	0-7	Silt loam-----	CL-ML, CL	A-4, A-6	0	90-100	85-100	75-100	60-90	20-30	5-15
	7-18	Clay-----	CL, CH	A-7	0	95-100	85-100	75-100	65-95	45-65	20-35
	18-60	Indurated-----	---	---	---	---	---	---	---	---	---
215*: Yatahoney-----	0-3	Stony loam-----	CL-ML	A-4	10-20	80-100	75-100	70-90	50-75	25-30	5-10
	3-35	Clay loam, sandy clay loam, gravelly clay loam.	CL-ML, CL	A-4, A-6	0-5	70-100	65-100	60-90	50-75	25-40	5-15
	35-36	Indurated-----	---	---	---	---	---	---	---	---	---
	36-40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Zecanyon-----	0-5	Stony loam-----	CL-ML, CL	A-4, A-6	0-10	90-100	85-95	70-80	50-70	25-35	5-15
	5-21	Clay, cobbly clay loam, clay loam.	CL, CH	A-7	0-15	70-95	65-90	60-85	50-75	40-65	20-35
	21-24	Very gravelly clay loam, very gravelly loam, very cobbly clay loam.	GC	A-2, A-6	10-50	35-65	30-60	25-50	20-40	30-40	10-20
	24-28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

Table 10.--Engineering Index Properties--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments 3-10 inches	Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
215*:											
Deunah-----	0-4	Stony silt loam	CL-ML, CL	A-4, A-6	10-15	95-100	90-100	85-100	70-90	20-35	5-15
	4-9	Silty clay loam, clay loam, silt loam.	CL	A-6	0-10	95-100	95-100	80-100	70-90	25-40	10-20
	9-27	Clay-----	CH	A-7	0-10	95-100	95-100	90-100	85-95	60-80	30-45
	27-30	Indurated-----	---	---	---	---	---	---	---	---	---
216*:											
Zola-----	0-4	Silt loam-----	CL-ML, CL	A-4, A-6	0	100	100	90-100	70-90	25-35	5-15
	4-13	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	80-90	35-40	20-25
	13-60	Clay loam, loam	CL	A-6, A-7	0	100	100	80-95	70-80	35-45	20-30
Welch-----	0-9	Loam-----	CL-ML	A-4	0	95-100	95-100	85-95	60-70	25-30	5-10
	9-60	Stratified sandy loam to silty clay loam.	CL	A-6	0	80-100	75-100	65-90	50-70	30-40	10-20

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 11.--Physical and Chemical Properties of the Soils

(The symbol < means less than; > means more than. Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Organic matter" apply only to the surface layer. Absence of an entry indicates that data were not available or were not estimated)

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T		Pct	
1*:													
Acrelane-----	0-6	8-18	1.25-1.45	2.0-6.0	0.06-0.08	6.1-6.5	<2	Low-----	0.15	1	3	2-3	
	6-12	20-30	1.35-1.50	0.6-2.0	0.09-0.12	6.6-7.3	<2	Low-----	0.10				
	12	---	---	0.0-20.0	---	---	---	-----					
Rock outcrop.													
2-----													
Alzola	0-4	18-24	1.20-1.35	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.37	2	5	1-2	
	4-9	27-34	1.20-1.40	0.2-0.6	0.12-0.16	7.4-9.0	<2	Moderate	0.24				
	9-14	27-34	1.25-1.45	0.2-0.6	0.08-0.13	7.9-9.0	<2	Moderate	0.10				
	14-60	5-15	1.25-1.45	2.0-6.0	0.03-0.06	>8.4	<2	Low-----	0.05				
3*:													
Alzola-----	0-4	17-23	1.20-1.35	0.6-2.0	0.12-0.15	7.4-7.8	<2	Low-----	0.24	2	6	1-3	
	4-15	27-35	1.20-1.40	0.2-0.6	0.13-0.15	7.4-8.4	<2	Moderate	0.24				
	15-22	27-33	1.25-1.45	0.2-0.6	0.11-0.13	7.4-9.0	<2	Moderate	0.15				
	22-60	5-15	1.25-1.45	2.0-6.0	0.04-0.06	>8.4	<2	Low-----	0.05				
Troughs-----	0-6	17-23	1.20-1.35	0.6-2.0	0.11-0.14	7.4-8.4	<2	Low-----	0.32	1	6	1-2	
	6-18	18-26	1.20-1.40	0.6-2.0	0.09-0.12	7.4-9.0	<2	Low-----	0.20				
	18-40	---	---	---	---	---	---	-----					
	40	---	---	---	---	---	---	-----					
Bigflat-----	0-7	18-26	1.25-1.35	0.6-2.0	0.13-0.16	6.6-7.8	<2	Low-----	0.24	3	6	1-3	
	7-20	36-50	1.40-1.50	0.06-0.2	0.13-0.16	6.6-7.8	<2	High-----	0.17				
	20-44	12-22	1.25-1.35	0.6-2.0	0.08-0.14	7.4-9.0	<2	Low-----	0.17				
	44-60	---	---	---	---	---	---	-----					
4*:													
Arbidge-----	0-4	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	4-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-34	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	34-36	---	---	---	---	---	---	-----					
	36-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
Buncelvoir-----	0-5	18-26	1.20-1.40	0.2-0.6	0.16-0.18	6.6-7.8	<2	Low-----	0.43	5	6	1-2	
	5-17	35-45	1.35-1.55	0.06-0.2	0.16-0.18	7.4-8.4	<2	High-----	0.32				
	17-60	8-18	1.35-1.65	2.0-6.0	0.08-0.11	7.9-9.0	<4	Low-----	0.20				
Chilcott-----	0-3	15-20	1.20-1.40	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37	2	5	1-2	
	3-14	38-50	1.35-1.50	0.06-0.2	0.17-0.19	7.4-8.4	<2	High-----	0.32				
	14-18	18-25	1.30-1.50	0.6-2.0	0.17-0.18	7.4-9.0	<2	Moderate	0.43				
	18-39	5-12	1.30-1.50	2.0-6.0	0.11-0.12	8.5-9.0	<2	Low-----	0.32				
	39-43	---	---	---	---	---	---	-----					
	43	---	---	---	---	---	---	-----					
5*:													
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----					
	38-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
5*:													
Chilcott-----	0-8	15-20	1.20-1.40	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37	2	5	1-2	
	8-17	38-50	1.35-1.50	0.06-0.2	0.17-0.19	7.4-8.4	<2	High-----	0.32				
	17-37	5-12	1.30-1.50	2.0-6.0	0.11-0.12	8.5-9.0	<2	Low-----	0.32				
	37-44	---	---	---	---	---	---	-----	---				
	44-48	---	---	---	---	---	---	-----	---				
6*:													
Arbidge-----	0-4	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	4-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-34	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	34-36	---	---	---	---	---	---	-----	---				
	36-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
Heckison-----	0-3	17-23	1.20-1.35	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.37	2	5	2-3	
	3-12	24-35	1.20-1.40	0.06-0.2	0.16-0.19	6.6-8.4	<2	Moderate	0.32				
	12-30	10-20	1.25-1.45	0.6-2.0	0.09-0.17	7.4-9.0	<2	Low-----	0.32				
	30-36	---	---	---	---	---	---	-----	---				
	36-40	---	---	---	---	---	---	-----	---				
7*:													
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----	---				
	38-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
Hunnton-----	0-3	10-25	1.20-1.25	0.6-2.0	0.14-0.18	6.6-8.4	<4	Low-----	0.49	2	5	1-2	
	3-11	20-30	1.50-1.55	0.2-0.6	0.15-0.21	6.6-8.4	<4	Moderate	0.49				
	11-27	40-55	1.20-1.25	0.06-0.2	0.10-0.16	7.4-8.4	<4	High-----	0.28				
	27-50	---	---	0.0-0.01	---	---	---	-----	---				
8*:													
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----	---				
	38-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
Laped-----	0-8	18-25	1.50-1.60	0.2-0.6	0.12-0.16	7.9-8.4	<2	Low-----	0.32	1	6	.5-1	
	8-16	27-35	1.50-1.65	0.2-0.6	0.12-0.16	7.9-9.0	<2	Moderate	0.37				
	16-19	15-23	1.55-1.70	0.6-2.0	0.11-0.15	>8.4	<4	Low-----	0.32				
	19-22	---	---	0.0-0.01	---	---	---	-----	---				
	22	---	---	0.0-0.01	---	---	---	-----	---				
Slickspots.													
9*:													
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----	---				
	38-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
Owsel-----	0-10	10-20	1.45-1.55	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.49	5	5	1-3	
	10-23	28-35	1.45-1.55	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.43				
	23-60	10-15	1.50-1.60	2.0-6.0	0.10-0.12	7.9-9.0	<4	Low-----	0.43				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
9*:												
Gariper-----	0-9	18-24	1.20-1.40	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	1	5	1-2
	9-22	35-50	1.15-1.35	0.06-0.2	0.15-0.18	7.4-8.4	<2	High-----	0.24			
	22-47	10-25	1.20-1.50	0.6-6.0	0.06-0.13	7.4-9.0	<2	Low-----	0.17			
	47-60	---	---	---	---	---	---	-----	---			
10*:												
Arness-----	0-4	10-18	1.35-1.50	2.0-6.0	0.10-0.13	6.6-7.8	<2	Low-----	0.20	1	3	1-3
	4-10	16-22	1.30-1.45	0.6-2.0	0.13-0.19	6.6-7.8	<2	Low-----	0.32			
	10-19	22-34	1.40-1.60	0.2-0.6	0.13-0.19	6.6-7.8	<2	Moderate	0.15			
	19-33	---	---	---	---	---	---	-----	---			
	33-37	---	---	---	---	---	---	-----	---			
Humdun-----	0-4	10-15	1.45-1.55	0.6-2.0	0.15-0.18	6.6-7.8	<2	Low-----	0.43	5	3	1-2
	4-25	10-15	1.30-1.40	0.6-2.0	0.17-0.20	6.6-8.4	<2	Low-----	0.49			
	25-60	10-15	1.45-1.55	0.6-2.0	0.17-0.20	7.9-9.0	2-4	Low-----	0.49			
11*:												
Babington-----	0-4	18-25	1.25-1.35	0.6-2.0	0.15-0.17	6.6-7.3	<2	Low-----	0.32	5	6	2-4
	4-29	27-35	1.30-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Moderate	0.37			
	29-42	24-32	1.30-1.45	0.6-2.0	0.15-0.17	7.4-8.4	<2	Low-----	0.37			
	42-60	4-15	1.50-1.70	2.0-20.0	0.03-0.07	7.4-8.4	<2	Low-----	0.05			
Beetville-----	0-13	12-20	1.40-1.50	0.6-2.0	0.15-0.17	6.6-8.4	<2	Low-----	0.32	5	5	2-4
	13-60	8-18	1.50-1.70	0.6-6.0	0.06-0.17	6.6-8.4	<2	Low-----	0.28			
12*:												
Babington-----	0-3	16-22	1.25-1.35	0.6-2.0	0.16-0.18	6.6-7.3	<2	Low-----	0.43	5	5	1-3
	3-24	27-35	1.30-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Moderate	0.37			
	24-60	24-32	1.30-1.45	0.6-2.0	0.15-0.17	7.4-8.4	<2	Low-----	0.37			
Piline-----	0-10	30-38	1.35-1.50	0.06-0.2	0.16-0.18	6.6-7.3	<2	High-----	0.37	5	7	<.5
	10-48	35-50	1.30-1.50	<0.06	0.15-0.17	6.6-7.8	<2	High-----	0.32			
	48-60	20-27	1.30-1.50	0.2-0.6	0.16-0.18	7.4-7.8	<2	Moderate	0.43			
13*:												
Badlands.												
Typic												
Torriorthents--	0-10	10-18	1.40-1.60	0.2-0.6	0.13-0.18	7.4-9.0	<4	Low-----	0.49	2	4L	<.5
	10-45	---	---	---	---	---	---	-----	---			
	45	---	---	---	---	---	---	-----	---			
Xeric												
Torriorthents--	0-4	12-20	1.40-1.50	0.6-2.0	0.10-0.15	7.4-9.0	<2	Low-----	0.28	4	7	.5-1
	4-60	---	---	---	---	---	---	-----	---			
14*:												
Bauscher-----	0-8	12-18	1.35-1.50	2.0-6.0	0.10-0.12	5.6-7.3	<2	Low-----	0.17	3	3	2-5
	8-30	18-30	1.50-1.60	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	0.28			
	30-42	10-15	1.55-1.65	2.0-6.0	0.09-0.13	5.6-7.3	<2	Low-----	0.17			
	42-46	---	---	---	---	---	---	-----	---			
Bauscher-----	0-12	12-18	1.35-1.50	2.0-6.0	0.10-0.12	5.6-7.3	<2	Low-----	0.17	3	3	2-5
	12-45	18-30	1.50-1.60	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	0.28			
	45-54	10-15	1.55-1.65	2.0-6.0	0.09-0.13	5.6-7.3	<2	Low-----	0.17			
	54-58	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay		Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
		In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct
14*:													
Sharesnout-----	0-6	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.20	2	6	2-4	
	6-10	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	10-30	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	30-34	---	---	---	---	---	---	-----	---				
15*:													
Bedstead-----	0-11	20-27	1.40-1.50	0.2-0.6	0.09-0.11	6.1-7.3	<2	Moderate	0.24	2	8	1-2	
	11-21	35-55	1.20-1.40	0.06-0.2	0.06-0.09	6.1-7.8	<2	High-----	0.10				
	21-22	---	---	---	---	---	---	-----	---				
	22	---	---	---	---	---	---	-----	---				
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----	---				
16*:													
	Bieber-----	0-4	18-27	1.40-1.50	0.6-2.0	0.10-0.15	6.1-7.3	---	Moderate	0.24	1	7	1-2
		4-11	27-35	1.40-1.50	0.2-0.6	0.11-0.16	6.1-7.3	---	Moderate	0.20			
		11-17	35-45	1.35-1.45	0.00-0.06	0.11-0.14	6.1-8.4	0-2	High-----	0.24			
17-60	---	---	---	---	---	---	-----	---					
Hurryback-----	0-6	16-26	1.20-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	5	2-4	
	6-24	19-28	1.25-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
	24-60	24-35	1.30-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
17*:													
Blackleg-----	0-8	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.20	2	6	2-4	
	8-13	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15				
	13-29	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10				
	29-42	---	---	---	---	---	---	-----	---				
Northcastle-----	0-16	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.37	2	6	2-4	
	16-34	24-35	1.25-1.45	0.2-0.6	0.12-0.18	6.1-7.3	<2	Moderate	0.32				
	34-60	---	---	---	---	---	---	-----	---				
	60-72	8-20	1.45-1.65	6.0-20.0	0.05-0.10	6.1-8.4	<2	Low-----	0.10				
18*:													
Blackleg-----	0-13	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.24	2	7	2-4	
	13-23	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15				
	23-36	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10				
	36-50	---	---	---	---	---	---	-----	---				
Threek-----	0-4	16-24	1.20-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.20	5	5	2-4	
	4-12	28-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10				
	12-24	40-55	1.30-1.50	0.06-0.2	0.06-0.09	6.6-7.8	<2	Moderate	0.05				
	24-60	7-14	1.45-1.65	6.0-20.0	0.04-0.07	6.6-8.4	<2	Low-----	0.05				
19-----													
Bluecreek	0-9	15-20	1.55-1.65	2.0-6.0	0.10-0.11	6.1-7.3	<2	Low-----	0.24	1	3	1-2	
	9-24	35-50	1.20-1.40	0.06-0.2	0.15-0.18	6.1-7.8	<2	High-----	0.20				
	24-35	---	---	---	---	---	---	-----	---				
35-60	0-8	1.60-1.70	>6.0	0.03-0.05	6.6-7.8	<2	Low-----	0.05					
20*:													
Booford-----	0-10	18-26	1.30-1.45	0.6-2.0	0.14-0.17	6.1-7.3	<2	Low-----	0.28	2	6	2-4	
	10-14	35-40	1.30-1.45	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.28				
	14-25	40-55	1.25-1.45	0.06-0.2	0.13-0.17	6.6-7.3	<2	High-----	0.20				
	25	---	---	0.0-0.01	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
20*:												
Barkley-----	0-7	18-25	1.10-1.20	0.6-2.0	0.12-0.15	6.6-7.3	<2	Low-----	0.24	5	7	2-4
	7-26	27-35	1.20-1.35	0.6-2.0	0.13-0.18	6.6-7.3	<2	Moderate	0.24			
	26-38	10-18	1.30-1.40	2.0-6.0	0.08-0.10	6.6-7.8	<2	Low-----	0.17			
	38-48	10-18	1.60-1.70	<0.06	0.06-0.09	6.6-7.8	<2	Low-----	0.15			
	48-60	10-18	1.30-1.40	2.0-6.0	0.08-0.10	6.6-8.4	<2	Low-----	0.17			
21*:												
Boxford-----	0-10	18-26	1.30-1.45	0.6-2.0	0.14-0.17	6.1-7.3	<2	Low-----	0.28	2	6	2-4
	10-14	35-40	1.30-1.45	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.28			
	14-25	40-55	1.25-1.45	0.06-0.2	0.13-0.17	6.6-7.3	<2	High-----	0.20			
	25	---	---	0.0-0.01	---	---	---	-----	---			
Blackleg-----	0-8	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.20	2	6	2-4
	8-13	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15			
	13-29	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10			
	29-42	---	---	---	---	---	---	-----	---			
22*:												
Boulder Lake----	0-2	40-60	1.20-1.30	<0.06	0.14-0.15	6.1-7.8	<2	High-----	0.20	5	8	1-2
	2-45	40-60	1.20-1.40	<0.06	0.14-0.15	6.6-8.4	<2	High-----	0.20			
	45-60	30-40	1.40-1.50	0.2-0.6	0.18-0.21	7.4-8.4	<2	Moderate	0.43			
Yatahoney-----	0-9	20-25	1.20-1.40	0.6-2.0	0.15-0.18	6.1-7.3	<2	Low-----	0.43	2	6	1-2
	9-22	25-35	1.30-1.50	0.2-0.6	0.13-0.18	6.1-7.8	<2	Moderate	0.32			
	22-26	40-55	1.25-1.45	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-----	0.28			
	26-32	---	---	---	---	---	---	-----	---			
	32-36	---	---	---	---	---	---	-----	---			
23*:												
Brace-----	0-6	18-24	1.35-1.55	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2
	6-19	27-35	1.40-1.60	0.2-0.6	0.12-0.17	7.4-8.4	<2	Moderate	0.24			
	19-23	20-30	1.45-1.60	0.2-0.6	0.11-0.16	7.9-9.0	<2	Low-----	0.20			
	23-26	---	---	---	---	---	---	-----	---			
	26	---	---	---	---	---	---	-----	---			
Freshwater-----	0-5	18-26	1.35-1.55	2.0-6.0	0.08-0.11	6.6-7.8	<2	Low-----	0.28	1	7	1-2
	5-18	27-34	1.40-1.60	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.20			
	18-22	---	---	---	---	---	---	-----	---			
	22	---	---	---	---	---	---	-----	---			
24*:												
Briabbit-----	0-10	7-18	1.25-1.45	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.28	2	3	.5-1
	10-22	4-15	1.30-1.50	2.0-6.0	0.08-0.10	7.4-9.0	<2	Low-----	0.10			
	22	---	---	---	---	---	---	-----	---			
Murphill-----	0-3	8-20	1.20-1.40	2.0-6.0	0.06-0.08	6.6-7.8	<2	Low-----	0.10	1	8	.5-1
	3-14	7-18	1.25-1.45	2.0-6.0	0.05-0.08	7.4-8.4	<2	Low-----	0.05			
	14	---	---	---	---	---	---	-----	---			
25-----												
Bruncan	0-4	15-23	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	7	1-2
	4-16	22-33	1.35-1.45	0.2-0.6	0.15-0.18	7.4-9.0	<2	Moderate	0.32			
	16-20	16-24	1.35-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15			
	20-26	---	---	---	---	---	---	-----	---			
	26-30	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
26*:													
Bruncan-----	0-2	15-22	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	6	1-2	
	2-8	22-33	1.35-1.45	0.2-0.6	0.16-0.19	6.6-9.0	<2	Moderate	0.37				
	8-14	14-24	1.35-1.45	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.17				
	14-16	---	---	---	---	---	---	-----	---				
	16-20	---	---	---	---	---	---	-----	---				
Arbidge-----	0-3	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	3-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-30	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	30-38	---	---	---	---	---	---	-----	---				
	38-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
27*:													
Bruncan-----	0-3	15-23	1.35-1.45	0.6-2.0	0.14-0.16	6.6-8.4	<2	Low-----	0.28	1	6	1-2	
	3-11	22-33	1.30-1.45	0.2-0.6	0.15-0.18	6.6-9.0	<2	Moderate	0.32				
	11-14	14-24	1.30-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15				
	14-20	---	---	---	---	---	---	-----	---				
	20	---	---	---	---	---	---	-----	---				
Hardtrigger-----	0-8	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2	
	8-20	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				
	20-28	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20				
	28-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10				
Buncelvoir-----	0-7	18-26	1.25-1.45	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.32	5	6	1-2	
	7-19	35-45	1.35-1.55	0.06-0.2	0.16-0.18	7.4-8.4	<2	High-----	0.32				
	19-60	8-18	1.35-1.65	2.0-6.0	0.08-0.11	7.9-9.0	<4	Low-----	0.20				
28*:													
Bruncan-----	0-3	15-23	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	7	1-2	
	3-11	22-33	1.35-1.45	0.2-0.6	0.15-0.18	7.4-9.0	<2	Moderate	0.32				
	11-14	16-24	1.35-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15				
	14-20	---	---	---	---	---	---	-----	---				
	20	---	---	---	---	---	---	-----	---				
Jenor-----	0-5	8-18	1.35-1.55	0.6-2.0	0.15-0.17	7.9-9.0	<4	Low-----	0.43	2	3	<.5	
	5-21	8-18	1.30-1.50	2.0-6.0	0.10-0.13	7.9-9.0	<4	Low-----	0.32				
	21-60	---	---	0.0-0.01	---	---	---	-----	---				
Troughs-----	0-2	22-26	1.20-1.50	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.20	1	7	1-2	
	2-8	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17				
	8-15	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10				
	15-30	---	---	---	---	---	---	-----	---				
29*:													
Bruncan-----	0-2	15-22	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	6	1-2	
	2-8	22-33	1.35-1.45	0.2-0.6	0.16-0.19	6.6-9.0	<2	Moderate	0.37				
	8-14	14-24	1.35-1.45	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.17				
	14-16	---	---	---	---	---	---	-----	---				
	16-20	---	---	---	---	---	---	-----	---				
Laped-----	0-8	18-25	1.50-1.60	0.2-0.6	0.12-0.16	7.9-8.4	<2	Low-----	0.32	1	6	.5-1	
	8-16	27-35	1.50-1.65	0.2-0.6	0.12-0.16	7.9-9.0	<2	Moderate	0.37				
	16-19	15-23	1.55-1.70	0.6-2.0	0.11-0.15	>8.4	<4	Low-----	0.32				
	19-22	---	---	0.0-0.01	---	---	---	-----	---				
	22	---	---	0.0-0.01	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
30*:												
Bruncan-----	0-4	15-23	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	7	1-2
	4-16	22-33	1.35-1.45	0.2-0.6	0.15-0.18	7.4-9.0	<2	Moderate	0.32			
	16-20	16-24	1.35-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15			
	20-26	---	---	---	---	---	---	-----	---			
	26-30	---	---	---	---	---	---	-----	---			
Minveno-----	0-3	10-15	1.20-1.40	0.6-2.0	0.15-0.18	6.6-7.8	<2	Low-----	0.37	1	5	1-2
	3-19	10-18	1.25-1.35	0.6-2.0	0.16-0.21	7.4-8.4	2-4	Low-----	0.43			
	19-23	---	---	---	---	---	---	-----	---			
	23-27	---	---	---	---	---	---	-----	---			
31*:												
Bruncan-----	0-6	18-25	1.40-1.50	0.2-0.6	0.15-0.19	6.6-8.4	<2	Low-----	0.37	1	5	1-2
	6-15	22-33	1.35-1.45	0.2-0.6	0.16-0.19	6.6-9.0	<2	Moderate	0.37			
	15-19	14-24	1.35-1.45	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.17			
	19-24	---	---	---	---	---	---	-----	---			
	24-28	---	---	---	---	---	---	-----	---			
Snowmore-----	0-4	16-24	1.20-1.35	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2
	4-13	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37			
	13-23	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10			
	23-28	---	---	0.0-0.01	---	---	---	-----	---			
	28-32	---	---	0.0-0.01	---	---	---	-----	---			
32*:												
Bruncan-----	0-3	15-23	1.35-1.45	0.6-2.0	0.13-0.17	6.6-8.4	<2	Low-----	0.24	1	7	1-2
	3-11	22-33	1.35-1.45	0.2-0.6	0.15-0.18	7.4-9.0	<2	Moderate	0.32			
	11-14	16-24	1.35-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15			
	14-20	---	---	---	---	---	---	-----	---			
	20	---	---	---	---	---	---	-----	---			
Troughs-----	0-2	22-26	1.20-1.50	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.20	1	7	1-2
	2-8	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	8-15	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	15-30	---	---	---	---	---	---	-----	---			
33*:												
Bruncan-----	0-2	17-25	1.35-1.45	0.6-2.0	0.12-0.16	7.4-8.4	<2	Low-----	0.24	1	8	1-2
	2-11	22-33	1.35-1.45	0.2-0.6	0.15-0.18	7.4-9.0	<2	Moderate	0.32			
	11-18	16-24	1.35-1.45	0.6-2.0	0.08-0.11	>7.8	<4	Low-----	0.15			
	18-20	---	---	---	---	---	---	-----	---			
	20-24	---	---	---	---	---	---	-----	---			
Troughs-----	0-3	20-26	1.20-1.50	0.2-0.6	0.06-0.08	7.4-8.4	<2	Low-----	0.17	1	8	1-2
	3-7	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	7-13	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	13-20	---	---	---	---	---	---	-----	---			
Midraw-----	0-3	18-25	1.20-1.40	0.2-0.6	0.11-0.15	6.6-7.3	<2	Low-----	0.24	1	7	1-2
	3-6	30-40	1.30-1.45	0.06-0.2	0.12-0.16	6.6-7.8	<2	Moderate	0.20			
	6-15	35-50	1.40-1.55	0.06-0.2	0.12-0.15	6.6-8.4	<2	High-----	0.15			
	15-20	---	---	0.0-0.01	---	---	---	-----	---			
	20-24	---	---	0.0-0.01	---	---	---	-----	---			
34*:												
Brunzell-----	0-9	18-24	1.20-1.35	0.6-2.0	0.11-0.15	5.6-7.3	<2	Low-----	0.20	5	5	2-4
	9-25	24-32	1.20-1.35	0.2-0.6	0.09-0.12	5.6-7.3	<2	Moderate	0.15			
	25-60	10-22	1.40-1.50	2.0-6.0	0.05-0.08	5.6-7.3	<2	Low-----	0.05			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
34*:													
Doodlelink-----	0-6	15-20	1.10-1.25	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.17	5	5	2-4	
	6-25	15-30	1.15-1.35	0.2-0.6	0.06-0.12	6.6-7.3	<2	Low-----	0.10				
	25-60	18-35	1.25-1.40	0.2-0.6	0.06-0.14	6.6-7.3	<2	Low-----	0.05				
Threek-----	0-7	18-24	1.20-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.20	5	5	2-4	
	7-13	28-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10				
	13-31	40-55	1.30-1.50	0.06-0.2	0.06-0.09	6.6-7.8	<2	Moderate	0.05				
	31-60	7-14	1.45-1.65	6.0-20.0	0.04-0.07	6.6-8.4	<2	Low-----	0.05				
35*:													
Catchell-----	0-8	18-25	1.40-1.50	0.6-2.0	0.14-0.17	6.1-7.3	<2	Low-----	0.32	2	6	1-2	
	8-18	35-50	1.40-1.50	<0.06	0.14-0.16	6.6-8.4	<2	High-----	0.32				
	18-25	10-25	1.50-1.60	0.6-2.0	0.16-0.18	7.9-8.4	<2	Low-----	0.37				
	25-26	---	---	---	---	---	---	-----	---				
	26-30	---	---	---	---	---	---	-----	---				
Longcreek-----	0-4	20-27	1.35-1.45	0.6-2.0	0.10-0.13	6.6-7.3	0-0	Moderate	0.20	1	6	1-3	
	4-17	35-40	1.30-1.40	0.2-0.6	0.08-0.12	6.6-7.8	0-0	Moderate	0.10				
	17-21	---	---	---	---	---	---	-----	---				
36*:													
Chayson-----	0-4	18-24	1.40-1.50	0.6-2.0	0.15-0.18	7.4-7.8	<2	Low-----	0.32	2	5	2-4	
	4-27	24-34	1.30-1.45	0.2-0.6	0.13-0.17	7.4-8.4	<2	Moderate	0.28				
	27-37	20-27	1.35-1.45	0.6-2.0	0.10-0.14	7.9-9.0	<2	Low-----	0.17				
	37-45	---	---	---	---	---	---	-----	---				
	45	---	---	---	---	---	---	-----	---				
Merlin-----	0-4	20-27	1.10-1.20	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.10	1	8	2-4	
	4-19	35-70	1.20-1.30	<0.06	0.13-0.16	6.6-7.8	<2	High-----	0.28				
	19	---	---	---	---	---	---	-----	---				
37*:													
Chilcott-----	0-5	15-25	1.25-1.45	0.6-2.0	0.10-0.15	6.6-7.8	<2	Low-----	0.32	2	5	1-2	
	5-12	40-50	1.30-1.45	0.06-0.2	0.11-0.16	7.4-7.8	<2	High-----	0.24				
	12-21	27-50	1.30-1.45	0.06-0.2	0.08-0.12	7.4-8.4	<2	High-----	0.24				
	21-60	---	---	---	---	---	---	-----	---				
Igert-----	0-12	16-20	1.25-1.45	0.6-2.0	0.13-0.15	6.6-7.8	<2	Low-----	0.24	2	5	1-2	
	12-23	25-35	1.30-1.50	0.2-0.6	0.14-0.16	6.6-8.4	<2	Moderate	0.28				
	23-39	12-20	1.30-1.50	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.10				
	39	---	---	---	---	---	---	-----	---				
38*:													
Chilcott-----	0-7	12-18	1.20-1.40	0.6-2.0	0.19-0.21	6.6-7.8	<2	Low-----	0.49	2	5	1-2	
	7-11	35-60	1.35-1.50	0.06-0.2	0.14-0.21	6.6-7.8	<2	High-----	0.32				
	11-31	12-35	1.30-1.50	0.2-0.6	0.16-0.21	7.4-9.0	<2	Moderate	0.43				
	31-40	---	---	---	---	---	---	-----	---				
	40-60	2-10	1.45-1.65	2.0-6.0	0.03-0.06	7.9-8.4	<2	Low-----	0.10				
Lamonta-----	0-7	27-35	1.10-1.20	0.2-0.6	0.13-0.16	6.6-7.8	<2	Moderate	0.20	2	5	2-3	
	7-18	40-55	1.20-1.35	<0.06	0.15-0.18	7.4-7.8	<2	High-----	0.20				
	18-23	30-40	1.20-1.35	0.2-0.6	0.18-0.20	7.4-8.4	<2	Moderate	0.28				
	23-28	---	---	---	0.	---	---	-----	---				
	28-60	7-13	1.25-1.40	6.0-20	0.	7.9-8.4	0-2	Low-----	0.05				
39*:													
Chinabutte-----	0-5	16-24	1.20-1.40	0.6-2.0	0.09-0.11	6.1-7.3	<2	Low-----	0.10	1	8	2-4	
	5-8	27-35	1.25-1.45	0.2-0.6	0.09-0.12	6.1-7.3	<2	Moderate	0.10				
	8-15	30-38	1.30-1.45	0.06-0.2	0.08-0.10	6.1-7.3	<2	Moderate	0.05				
	15	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors	Wind erodi- bility	Organic matter	
		In Pct	G/cc	In/hr	In/in	pH	mmhos/cm	K T	group	Pct		
39*:												
Alibi-----	0-7	18-25	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.10	2	8	2-4
	7-17	35-50	1.15-1.35	0.06-0.2	0.12-0.16	6.6-7.8	<2	High-----	0.20			
	17-23	12-26	1.35-1.50	2.0-6.0	0.06-0.11	6.6-7.8	<2	Low-----	0.10			
	23	---	---	---	---	---	---	-----	---			
40*:												
Cleavage-----	0-8	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	7	1-3
	8-18	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	18	---	---	0.0-0.01	---	---	---	-----	---			
Avtable-----	0-4	15-25	1.30-1.50	0.6-2.0	0.12-0.14	6.1-7.3	<2	Low-----	0.20	1	6	1-2
	4-10	20-30	1.35-1.55	0.2-0.6	0.08-0.11	6.1-7.3	<2	Low-----	0.10			
	10-19	20-30	1.35-1.55	0.2-0.6	0.04-0.10	6.1-7.3	<2	Low-----	0.10			
	19	---	---	---	---	---	---	-----	---			
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	-----	---			
41*:												
Cleavage-----	0-8	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	7	1-3
	8-18	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	18	---	---	0.0-0.01	---	---	---	-----	---			
Rubbleland.												
42*:												
Cleavage-----	0-9	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	8	1-3
	9-16	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	16-20	---	---	0.0-0.01	---	---	---	-----	---			
Snell-----	0-10	20-27	1.25-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.24	2	7	2-4
	10-22	27-35	1.25-1.35	0.6-2.0	0.08-0.12	6.1-7.3	<2	Moderate	0.17			
	22-39	35-50	1.30-1.40	0.2-0.6	0.06-0.10	6.1-7.3	<2	High-----	0.10			
	39	---	---	---	---	---	---	-----	---			
43*:												
Cottle-----	0-3	14-20	1.40-1.55	2.0-6.0	0.07-0.09	6.6-7.8	<2	Low-----	0.17	1	7	1-2
	3-10	18-34	1.40-1.55	0.6-2.0	0.08-0.10	6.6-7.8	<2	Moderate	0.15			
	10-16	22-35	1.40-1.55	0.2-0.6	0.06-0.09	6.6-7.8	<2	Moderate	0.17			
	16-20	---	---	---	---	---	---	-----	---			
Willhill-----	0-3	18-25	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.17	2	5	1-2
	3-10	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15			
	10-22	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10			
	22	---	---	---	---	---	---	-----	---			
44*:												
Dehana-----	0-20	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8
	20-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15			
Nagitsy-----	0-17	15-24	1.30-1.45	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.17	2	5	2-5
	17-35	18-27	1.30-1.45	0.6-2.0	0.08-0.11	5.6-7.3	<2	Low-----	0.15			
	35-39	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density G/cc	Permeability In/hr	Available water capacity In/in	Soil reaction pH	Salinity mmhos/cm	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter Pct
	In	Pct							K	T		
45*:												
Deunah-----	0-3	18-25	1.40-1.50	0.6-2.0	0.07-0.10	5.6-6.5	<2	Low-----	0.24	2	6	1-2
	3-7	27-33	1.30-1.50	0.2-0.6	0.16-0.18	6.1-7.3	<2	Moderate	0.37			
	7-25	60-70	1.25-1.45	<0.06	0.12-0.15	6.6-7.3	<2	High-----	0.28			
	25-28	---	---	---	---	---	---	-----	---			
	28	---	---	---	---	---	---	-----	---			
Yatahoney-----	0-9	20-25	1.20-1.40	0.6-2.0	0.15-0.18	6.1-7.3	<2	Low-----	0.43	2	6	1-2
	9-22	25-35	1.30-1.50	0.2-0.6	0.13-0.18	6.1-7.8	<2	Moderate	0.32			
	22-26	40-55	1.25-1.45	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-----	0.28			
	26-38	---	---	---	---	---	---	-----	---			
	38	---	---	---	---	---	---	-----	---			
Lostvalley-----	0-6	20-27	1.20-1.40	0.2-0.6	0.13-0.17	6.1-7.3	<2	Low-----	0.20	2	7	1-2
	6-27	40-55	1.30-1.45	<0.06	0.17-0.18	6.6-8.4	<2	High-----	0.24			
	27-32	27-35	1.30-1.45	0.2-0.6	0.15-0.17	7.4-8.4	<2	Moderate	0.20			
	32	---	---	---	---	---	---	-----	---			
46*:												
Diawell-----	0-6	22-28	1.35-1.50	0.2-0.6	0.13-0.16	6.6-7.3	<2	Moderate	0.15	1	6	1-2
	6-11	27-35	1.50-1.60	0.2-0.6	0.12-0.17	6.6-7.8	<2	Moderate	0.20			
	11-20	10-18	1.55-1.65	2.0-6.0	0.07-0.10	6.6-7.8	<2	Low-----	0.20			
	20-22	---	---	---	---	---	---	-----	---			
	22-60	4-10	1.55-1.70	6.0-20	0.04-0.08	7.4-8.4	<2	Low-----	0.05			
McKeeth-----	0-5	17-26	1.40-1.50	0.6-2.0	0.12-0.14	7.4-8.4	<4	Moderate	0.17	3	6	.5-1
	5-16	25-35	1.40-1.50	0.2-0.6	0.12-0.15	7.9-9.0	<8	Moderate	0.17			
	16-20	7-15	1.55-1.65	0.2-0.6	0.07-0.09	7.9-9.0	<8	Low-----	0.10			
	20-60	2-8	1.60-1.70	6.0-20	0.02-0.05	7.9-9.0	<8	Low-----	0.02			
47*:												
Dollarhide-----	0-5	8-18	1.25-1.45	2.0-6.0	0.06-0.11	6.6-7.8	<2	Low-----	0.10	1	8	1-3
	5-13	8-18	1.35-1.50	2.0-6.0	0.05-0.09	6.6-7.8	<2	Low-----	0.10			
	13-17	---	---	---	---	---	---	-----	---			
Rock outcrop.												
48*:												
Doodlelink-----	0-6	15-20	1.10-1.25	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.17	5	5	2-4
	6-25	15-30	1.15-1.35	0.2-0.6	0.06-0.12	6.6-7.3	<2	Low-----	0.10			
	25-60	18-35	1.25-1.40	0.2-0.6	0.06-0.14	6.6-7.3	<2	Low-----	0.05			
Bregar-----	0-4	18-25	1.15-1.25	0.6-2.0	0.13-0.15	6.1-7.8	<2	Low-----	0.17	1	6	1-2
	4-8	25-35	1.35-1.45	0.2-0.6	0.09-0.14	6.1-7.8	<2	Low-----	0.10			
	8	---	---	0.0-0.01	---	---	---	-----	---			
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10			
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05			
	22	---	---	---	---	---	---	-----	---			
49*:												
Doodlelink-----	0-6	15-20	1.10-1.25	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.17	5	5	2-4
	6-25	15-30	1.15-1.35	0.2-0.6	0.06-0.12	6.6-7.3	<2	Low-----	0.10			
	25-60	18-35	1.25-1.40	0.2-0.6	0.06-0.14	6.6-7.3	<2	Low-----	0.05			
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10			
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05			
	22	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in							
49*:												
Parkay-----	0-9	10-18	1.35-1.50	0.6-2.0	0.12-0.14	6.6-7.3	<2	Low-----	0.32	4	5	2-5
	9-21	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17			
	21-31	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	31-60	20-27	1.45-1.55	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.15			
	60	---	---	---	---	---	---	-----	---			
50*:												
Doodlelink-----	0-6	15-20	1.10-1.25	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.17	5	5	2-4
	6-25	15-30	1.15-1.35	0.2-0.6	0.06-0.12	6.6-7.3	<2	Low-----	0.10			
	25-60	18-35	1.25-1.40	0.2-0.6	0.06-0.14	6.6-7.3	<2	Low-----	0.05			
Snell-----	0-10	20-27	1.25-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.24	2	7	2-4
	10-22	27-35	1.25-1.35	0.6-2.0	0.08-0.12	6.1-7.3	<2	Moderate	0.17			
	22-39	35-50	1.30-1.40	0.2-0.6	0.06-0.10	6.1-7.3	<2	High-----	0.10			
	39	---	---	---	---	---	---	-----	---			
Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17			
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	45-49	---	---	---	---	---	---	-----	---			
51*:												
Dougal-----	0-8	10-20	1.35-1.55	2.0-6.0	0.06-0.08	6.1-7.3	<2	Low-----	0.10	1	4	1-2
	8-16	20-30	1.30-1.50	0.6-2.0	0.14-0.18	6.1-6.5	<2	Moderate	0.15			
	16	---	---	---	---	---	---	-----	---			
Bruncan-----	0-6	10-18	1.40-1.50	2.0-6.0	0.08-0.10	6.6-7.8	<2	Low-----	0.15	1	3	1-2
	6-10	22-33	1.30-1.45	0.2-0.6	0.15-0.18	6.6-9.0	<2	Moderate	0.32			
	10-13	---	---	---	---	---	---	-----	---			
	13-17	---	---	---	---	---	---	-----	---			
52*:												
Dranyon-----	0-8	15-22	1.20-1.40	0.6-2.0	0.12-0.15	5.6-7.3	<2	Low-----	0.17	5	6	3-6
	8-35	22-32	1.25-1.45	0.2-0.6	0.12-0.16	5.6-7.3	<2	Moderate	0.20			
	35-60	18-26	1.35-1.45	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20			
Dehana-----	0-20	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8
	20-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15			
53*:												
Duco-----	0-4	20-26	1.10-1.25	0.6-2.0	0.11-0.14	6.1-7.3	<2	Moderate	0.24	1	6	2-3
	4-8	27-35	1.15-1.30	0.2-0.6	0.11-0.15	6.1-7.3	<2	Moderate	0.17			
	8-16	27-35	1.15-1.30	0.2-0.6	0.09-0.12	6.1-7.3	<2	Moderate	0.15			
	16	---	---	0.0-0.01	---	---	---	-----	---			
Chinabutte-----	0-6	16-24	1.20-1.40	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.17	1	7	2-4
	6-10	27-35	1.25-1.45	0.2-0.6	0.09-0.12	6.1-7.3	<2	Moderate	0.10			
	10-18	30-38	1.30-1.45	0.06-0.2	0.08-0.10	6.1-7.3	<2	Moderate	0.05			
	18-22	---	---	---	---	---	---	-----	---			
Dougal-----	0-2	18-24	1.20-1.40	0.6-2.0	0.08-0.10	6.1-7.3	<2	Low-----	0.28	1	8	1-2
	2-7	20-30	1.30-1.50	0.6-2.0	0.14-0.18	6.1-6.5	<2	Moderate	0.15			
	7-11	---	---	---	---	---	---	-----	---			
54-----												
Escalante	0-8	10-18	1.40-1.50	2.0-6.0	0.11-0.14	7.4-8.4	<2	Low-----	0.24	5	3	.5-1
	8-36	5-15	1.40-1.50	2.0-6.0	0.11-0.14	7.9-9.0	<2	Low-----	0.28			
	36-60	3-8	1.50-1.55	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.15			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter
	In	Pct							K	T		
			G/cc	In/hr	In/in	pH	mmhos/cm					Pct
55*:												
Escalante-----	0-8	10-18	1.40-1.50	2.0-6.0	0.11-0.14	7.4-8.4	<2	Low-----	0.24	5	3	.5-1
	8-36	5-15	1.40-1.50	2.0-6.0	0.11-0.14	7.9-9.0	<2	Low-----	0.28			
	36-60	3-8	1.50-1.55	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.15			
Tindahay-----	0-14	5-10	1.40-1.55	6.0-20	0.08-0.10	6.6-7.8	<2	Low-----	0.28	3	2	.6-1
	14-24	10-15	1.35-1.45	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.28			
	24-42	0-8	1.40-1.55	>20	0.05-0.08	6.6-7.8	<2	Low-----	0.15			
	42-60	0-8	1.45-1.60	>20	0.03-0.06	6.6-8.4	<4	Low-----	0.10			
Ornea-----	0-3	16-24	1.45-1.55	0.6-2.0	0.13-0.15	7.4-8.4	<2	Low-----	0.37	2	5	.5-1
	3-16	24-32	1.50-1.60	0.2-0.6	0.12-0.15	7.4-9.0	<4	Moderate	0.20			
	16-60	2-8	1.60-1.70	>20	0.02-0.04	7.9-9.0	<8	Low-----	0.02			
56*:												
Fairylawn-----	0-7	15-25	1.20-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	7-19	35-60	1.15-1.35	<0.06	0.14-0.19	7.4-8.4	<2	High-----	0.20			
	19-29	20-38	1.20-1.40	0.2-0.6	0.13-0.18	7.4-9.0	<2	Moderate	0.20			
	29-32	---	---	---	---	---	---	-----	---			
	32-36	---	---	---	---	---	---	-----	---			
Perla-----	0-3	20-27	1.20-1.40	0.6-2.0	0.14-0.17	6.1-7.3	<2	Moderate	0.32	2	6	1-3
	3-8	30-40	1.20-1.40	0.2-0.6	0.17-0.20	5.6-7.3	<2	Moderate	0.28			
	8-23	35-55	1.30-1.50	0.06-0.2	0.13-0.16	5.6-7.3	<2	High-----	0.28			
	23-27	---	---	---	---	---	---	-----	---			
57*:												
Fairylawn-----	0-8	15-25	1.20-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	8-20	35-60	1.15-1.35	<0.06	0.14-0.19	7.4-8.4	<2	High-----	0.20			
	20-25	20-38	1.20-1.40	0.2-0.6	0.13-0.18	7.4-9.0	<2	Moderate	0.20			
	25-40	---	---	---	---	---	---	-----	---			
	40	---	---	---	---	---	---	-----	---			
Schnipper-----	0-12	15-20	1.20-1.40	0.6-2.0	0.18-0.20	6.6-7.3	<2	Low-----	0.37	2	5	1-3
	12-26	26-35	1.30-1.45	0.2-0.6	0.16-0.19	7.4-7.8	<2	Moderate	0.32			
	26-36	18-30	1.35-1.60	0.2-0.6	0.15-0.18	7.9-9.0	<4	Moderate	0.43			
	36-60	---	---	---	---	---	---	-----	---			
58*:												
Foxmount-----	0-11	10-20	1.30-1.40	0.6-2.0	0.10-0.15	6.1-7.3	<2	Low-----	0.10	2	6	2-4
	11-20	10-20	1.35-1.45	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low-----	0.15			
	20-36	10-20	1.35-1.45	2.0-6.0	0.07-0.10	6.1-7.3	<2	Low-----	0.05			
	36-40	---	---	0.0-0.01	---	---	---	-----	---			
Povey-----	0-6	10-18	1.20-1.40	0.6-2.0	0.10-0.12	6.1-7.3	<2	Low-----	0.15	4	5	2-4
	6-32	10-18	1.20-1.40	0.6-2.0	0.09-0.12	6.1-7.8	<2	Low-----	0.15			
	32-60	8-18	1.25-1.45	2.0-6.0	0.05-0.07	6.6-7.8	<2	Low-----	0.10			
Rubbleland.												
59*:												
Freshwater-----	0-4	18-26	1.35-1.50	0.6-2.0	0.14-0.17	7.4-8.4	<2	Low-----	0.37	1	7	1-2
	4-12	27-34	1.40-1.60	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.20			
	12-30	---	---	---	---	---	---	-----	---			
	30-34	---	---	---	---	---	---	-----	---			
Larioscamp-----	0-3	18-25	1.35-1.55	0.6-2.0	0.16-0.17	6.1-7.8	<2	Moderate	0.32	2	6	1-2
	3-15	35-45	1.35-1.55	0.06-0.2	0.12-0.18	6.6-7.8	<2	High-----	0.28			
	15-25	10-20	1.40-1.65	2.0-6.0	0.05-0.11	7.9-9.0	<2	Low-----	0.10			
	25-29	---	---	---	---	---	---	-----	---			
	29	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
59*:												
Dishpan-----	0-4	18-25	1.30-1.50	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.32	2	6	2-3
	4-16	27-35	1.35-1.50	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.37			
	16-28	10-18	1.40-1.55	2.0-6.0	0.06-0.08	7.9-9.0	<2	Low-----	0.10			
	28	---	---	---	---	---	---	-----	---			
60*:												
Fryingpan-----	0-3	18-24	1.20-1.40	0.6-2.0	0.13-0.16	6.1-7.3	<2	Low-----	0.32	1	6	1-2
	3-18	24-34	1.30-1.45	0.2-0.6	0.13-0.17	6.1-7.3	<2	Moderate	0.20			
	18	---	---	---	---	---	---	-----	---			
Hat-----	0-5	16-20	1.40-1.50	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20	2	5	1-3
	5-19	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15			
	19-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05			
	24	---	---	---	---	---	---	-----	---			
Nipintuck-----	0-2	10-20	1.35-1.50	2.0-6.0	0.05-0.07	6.1-7.3	<2	Low-----	0.05	1	8	1-2
	2-6	15-25	1.45-1.60	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.17			
	6	---	---	---	---	---	---	-----	---			
61*:												
Fulcrum-----	0-11	10-18	1.10-1.30	2.0-6.0	0.08-0.10	6.1-7.3	<2	Low-----	0.17	2	5	1-3
	11-21	12-20	1.50-1.60	2.0-6.0	0.06-0.08	6.1-7.3	<2	Low-----	0.10			
	21-28	6-18	1.50-1.60	6.0-20	0.03-0.06	6.1-7.3	<2	Low-----	0.05			
	28	---	---	---	---	---	---	-----	---			
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	-----	---			
62*:												
Gaib-----	0-7	15-25	1.40-1.50	0.6-2.0	0.05-0.07	5.6-6.5	<2	Low-----	0.24	1	6	1-3
	7-18	24-35	1.50-1.60	0.2-0.6	0.10-0.16	5.6-7.3	<2	Moderate	0.20			
	18-22	---	---	---	---	---	---	-----	---			
Wareagle-----	0-7	14-22	1.30-1.50	0.6-2.0	0.09-0.11	6.1-7.3	<2	Low-----	0.15	5	8	2-5
	7-15	18-25	1.30-1.50	0.6-2.0	0.08-0.11	5.6-6.5	<2	Low-----	0.15			
	15-60	12-22	1.35-1.55	0.6-6.0	0.05-0.09	5.6-6.5	<2	Low-----	0.05			
Rock outcrop.												
63*:												
Gooding-----	0-7	15-24	1.20-1.40	0.6-2.0	0.15-0.17	6.6-7.3	<2	Low-----	0.37	4	5	1-3
	7-30	35-55	1.40-1.60	<0.06	0.15-0.18	6.6-7.8	<2	High-----	0.24			
	30-57	27-35	1.40-1.50	0.06-0.2	0.14-0.18	7.4-8.4	<2	High-----	0.24			
	57-60	---	---	---	---	---	---	-----	---			
Gariper-----	0-9	18-24	1.20-1.40	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	1	5	1-2
	9-22	35-50	1.15-1.35	0.06-0.2	0.15-0.18	7.4-8.4	<2	High-----	0.24			
	22-47	10-25	1.20-1.50	0.6-6.0	0.06-0.13	7.4-9.0	<2	Low-----	0.17			
	47-60	---	---	---	---	---	---	-----	---			
64-----												
Goose Creek	0-17	20-27	1.20-1.35	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37	5	6	2-5
	17-40	22-30	1.20-1.35	0.2-0.6	0.16-0.19	7.4-8.4	<2	Moderate	0.32			
	40-60	12-28	1.30-1.40	0.2-2.0	0.09-0.18	7.4-8.4	<2	Moderate	0.24			
65*:												
Graveya-----	0-8	18-24	1.25-1.45	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	2	6	1-2
	8-22	20-30	1.30-1.50	0.2-0.6	0.09-0.14	6.1-7.3	<2	Moderate	0.17			
	22-60	8-20	1.35-1.55	2.0-6.0	0.05-0.10	7.9-9.0	<2	Low-----	0.05			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
65*:													
Ratsnest-----	0-2	15-24	1.20-1.40	0.2-0.6	0.14-0.16	6.6-7.8	<2	Low-----	0.32	2	5	.5-1	
	2-25	35-45	1.20-1.40	0.06-0.2	0.16-0.19	7.4-8.4	<4	High-----	0.32				
	25-33	15-30	1.25-1.45	0.06-0.2	0.15-0.18	7.4-8.4	<2	Moderate	0.37				
	33-39	15-25	1.30-1.45	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37				
	39	---	---	---	---	---	---	-----	---				
Rock outcrop.													
66*:													
Graylock-----	0-7	2-10	1.50-1.70	6.0-20	0.05-0.07	5.6-6.0	<2	Low-----	0.10	3	7	1-3	
	7-41	2-10	1.50-1.70	>20	0.03-0.05	4.5-6.0	<2	Low-----	0.10				
	41-56	0-5	1.50-1.70	>20	0.02-0.04	4.5-6.0	<2	Low-----	0.10				
	56-60	---	---	---	---	---	---	-----	---				
Takeuchi-----	0-12	5-16	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.15	2	3	2-4	
	12-26	8-18	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17				
	26-36	---	---	---	---	---	---	-----	---				
	36	---	---	---	---	---	---	-----	---				
67*:													
Hades-----	0-20	18-25	1.35-1.45	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	6	2-4	
	20-60	27-35	1.35-1.45	0.2-0.6	0.13-0.17	6.1-7.3	<2	Moderate	0.24				
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4	
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	22	---	---	---	---	---	---	-----	---				
68*:													
Hardtrigger-----	0-6	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2	
	6-14	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				
	14-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10				
Arbidge-----	0-4	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3	
	4-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20				
	20-34	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20				
	34-36	---	---	---	---	---	---	-----	---				
	36-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02				
69*:													
Hardtrigger-----	0-3	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2	
	3-21	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				
	21-49	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20				
	49-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10				
Briabbit-----	0-10	7-18	1.25-1.45	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.28	2	3	.5-1	
	10-22	4-15	1.30-1.50	2.0-6.0	0.08-0.10	7.4-9.0	<2	Low-----	0.10				
	22	---	---	---	---	---	---	-----	---				
Tindahay-----	0-14	5-10	1.40-1.55	6.0-20	0.08-0.10	6.6-7.8	<2	Low-----	0.28	3	2	.6-1	
	14-24	10-15	1.35-1.45	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.28				
	24-42	0-8	1.40-1.55	>20	0.05-0.08	6.6-7.8	<2	Low-----	0.15				
	42-60	0-8	1.45-1.60	>20	0.03-0.06	6.6-8.4	<4	Low-----	0.10				
70*:													
Hardtrigger-----	0-9	15-25	1.40-1.50	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.24	3	5	1-2	
	9-60	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
70*:												
Cottle-----	0-4	15-26	1.40-1.55	0.6-2.0	0.08-0.11	6.6-7.8	<2	Low-----	0.15	1	8	1-2
	4-8	18-34	1.40-1.55	0.6-2.0	0.08-0.10	6.6-7.8	<2	Moderate	0.15			
	8-17	22-35	1.40-1.55	0.2-0.6	0.06-0.09	6.6-7.8	<2	Moderate	0.17			
	17-21	---	---	---	---	---	---	-----	---			
Midraw-----	0-3	18-25	1.20-1.40	0.6-2.0	0.10-0.13	6.6-7.3	<2	Low-----	0.20	1	6	1-2
	3-8	30-40	1.30-1.45	0.06-0.2	0.12-0.16	6.6-7.8	<2	Moderate	0.20			
	8-18	35-50	1.40-1.55	0.06-0.2	0.12-0.15	6.6-8.4	<2	High-----	0.15			
	18-21	---	---	0.0-0.01	---	---	---	-----	---			
	21	---	---	0.0-0.01	---	---	---	-----	---			
71*:												
Hardtrigger----	0-3	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2
	3-21	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20			
	21-49	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20			
	49-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10			
Enko-----	0-5	10-18	1.35-1.45	2.0-6.0	0.11-0.15	6.6-8.4	<4	Low-----	0.43	5	3	1-2
	5-18	10-18	1.40-1.50	2.0-6.0	0.12-0.17	6.6-8.4	<4	Low-----	0.43			
	18-60	10-18	1.65-1.70	0.06-0.2	0.10-0.13	7.4-9.0	4-16	Low-----	0.37			
72*:												
Hardtrigger----	0-3	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2
	3-21	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20			
	21-49	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20			
	49-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10			
Gariper-----	0-9	18-24	1.20-1.40	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	1	5	1-2
	9-22	35-50	1.15-1.35	0.06-0.2	0.15-0.18	7.4-8.4	<2	High-----	0.24			
	22-47	10-25	1.20-1.50	0.6-6.0	0.06-0.13	7.4-9.0	<2	Low-----	0.17			
	47-60	---	---	---	---	---	---	-----	---			
Diawell-----	0-6	22-28	1.35-1.50	0.2-0.6	0.13-0.16	6.6-7.3	<2	Moderate	0.15	1	6	1-2
	6-11	27-35	1.50-1.60	0.2-0.6	0.12-0.17	6.6-7.8	<2	Moderate	0.20			
	11-20	10-18	1.55-1.65	2.0-6.0	0.07-0.10	6.6-7.8	<2	Low-----	0.20			
	20-22	---	---	---	---	---	---	-----	---			
	22-60	4-10	1.55-1.70	6.0-20	0.04-0.08	7.4-8.4	<2	Low-----	0.05			
73*:												
Hardtrigger----	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.17	6.6-7.8	<2	Low-----	0.28	3	5	1-2
	6-18	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20			
	18-60	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20			
Goose Creek----	0-17	20-27	1.20-1.35	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37	5	6	2-5
	17-40	22-30	1.20-1.35	0.2-0.6	0.16-0.19	7.4-8.4	<2	Moderate	0.32			
	40-60	12-28	1.30-1.40	0.2-2.0	0.09-0.18	7.4-8.4	<2	Moderate	0.24			
74*:												
Hardtrigger----	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.17	6.6-7.8	<2	Low-----	0.28	3	5	1-2
	6-18	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20			
	18-60	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20			
Scism-----	0-6	12-18	1.20-1.40	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low-----	0.43	2	4L	1-2
	6-21	12-18	1.20-1.40	0.6-2.0	0.18-0.21	7.9-9.0	<4	Low-----	0.55			
	21-34	---	---	---	---	---	---	-----	---			
	34-60	12-18	1.50-1.60	0.6-2.0	0.16-0.21	7.9-9.0	2-8	Low-----	0.43			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm	K	T	group	Pct		
75*:													
Hardtrigger-----	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.17	6.6-7.8	<2	Low-----	0.28	3	5	1-2	
	6-18	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				
	18-60	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20				
Snowmore-----	0-8	16-24	1.20-1.35	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2	
	8-19	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37				
	19-34	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10				
	34-38	---	---	0.0-0.01	---	---	---	-----	---				
	38-42	---	---	0.0-0.01	---	---	---	-----	---				
Vickery-----	0-4	15-20	1.15-1.35	0.6-2.0	0.19-0.21	6.6-8.4	<2	Low-----	0.49	2	5	1-2	
	4-12	18-27	1.20-1.40	0.6-2.0	0.19-0.21	6.6-8.4	<2	Low-----	0.49				
	12-25	18-22	1.25-1.50	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-----	0.43				
	25-40	---	---	---	---	---	---	-----	---				
76*:													
Hat-----	0-5	16-20	1.40-1.50	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20	2	5	1-3	
	5-19	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	19-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24	---	---	---	---	---	---	-----	---				
Avtable-----	0-4	15-25	1.30-1.50	0.6-2.0	0.12-0.14	6.1-7.3	<2	Low-----	0.20	1	6	1-2	
	4-10	20-30	1.35-1.55	0.2-0.6	0.08-0.11	6.1-7.3	<2	Low-----	0.10				
	10-19	20-30	1.35-1.55	0.2-0.6	0.04-0.10	6.1-7.3	<2	Low-----	0.10				
	19	---	---	---	---	---	---	-----	---				
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4	
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10				
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05				
	28	---	---	---	---	---	---	-----	---				
77*:													
Hat-----	0-6	18-22	1.40-1.50	0.6-2.0	0.09-0.11	5.6-7.3	<2	Low-----	0.15	2	6	1-3	
	6-16	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	16-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24-28	---	---	---	---	---	---	-----	---				
Nagitsy-----	0-17	15-24	1.30-1.45	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.17	2	5	2-5	
	17-35	18-27	1.30-1.45	0.6-2.0	0.08-0.11	5.6-7.3	<2	Low-----	0.15				
	35-39	---	---	---	---	---	---	-----	---				
Rock outcrop.													
78*:													
Hat-----	0-6	18-22	1.40-1.50	0.6-2.0	0.09-0.11	5.6-7.3	<2	Low-----	0.15	2	6	1-3	
	6-16	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	16-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24-28	---	---	---	---	---	---	-----	---				
Rock outcrop.													
Nipintuck-----	0-2	10-20	1.35-1.50	2.0-6.0	0.05-0.07	6.1-7.3	<2	Low-----	0.05	1	8	1-2	
	2-6	15-25	1.45-1.60	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.17				
	6	---	---	---	---	---	---	-----	---				
79*:													
Hat-----	0-5	16-20	1.40-1.50	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20	2	5	1-3	
	5-19	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	19-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
79*:												
Zecanyon-----	0-9	16-22	1.25-1.45	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.37	2	5	1-2
	9-20	35-50	1.30-1.50	0.06-0.2	0.13-0.15	6.6-7.8	<2	High-----	0.17			
	20-28	22-32	1.35-1.55	0.2-0.6	0.06-0.08	6.6-8.4	<2	Moderate	0.05			
	28-32	---	---	---	---	---	---	-----	---			
80*:												
Haw-----	0-9	10-20	1.25-1.35	0.6-2.0	0.16-0.21	6.1-7.8	<2	Low-----	0.43	4	5	2-4
	9-21	22-34	1.30-1.45	0.2-0.6	0.14-0.21	6.1-7.8	<2	Moderate	0.37			
	21-60	10-25	1.35-1.45	6.0-20	0.11-0.18	7.4-9.0	<2	Low-----	0.28			
Renslow-----	0-6	10-15	1.20-1.40	0.6-2.0	0.16-0.18	6.6-7.3	<2	Low-----	0.49	5	5	2-3
	6-18	13-18	1.25-1.55	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.43			
	18-38	12-18	1.30-1.50	0.6-2.0	0.17-0.18	7.4-8.4	<2	Low-----	0.49			
	38-60	5-14	1.35-1.55	0.6-2.0	0.16-0.17	7.4-9.0	<2	Low-----	0.49			
81*:												
Heckison-----	0-4	17-23	1.20-1.35	0.2-0.6	0.16-0.18	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	4-19	24-35	1.20-1.40	0.06-0.2	0.16-0.19	6.6-8.4	<2	Moderate	0.32			
	19-29	10-20	1.25-1.45	0.6-2.0	0.09-0.17	7.4-9.0	<2	Low-----	0.32			
	29-35	---	---	---	---	---	---	-----	---			
	35	---	---	---	---	---	---	-----	---			
Bigflat-----	0-9	14-20	1.20-1.40	0.2-0.6	0.13-0.18	6.1-7.8	<2	Low-----	0.37	2	5	2-4
	9-19	40-55	1.15-1.35	<0.06	0.11-0.17	6.6-8.4	<2	High-----	0.24			
	19-48	14-24	1.35-1.50	0.6-2.0	0.08-0.16	7.9-9.0	<2	Low-----	0.20			
	48-60	4-14	1.35-1.50	6.0-20	0.03-0.07	7.9-9.0	<2	Low-----	0.10			
82*:												
Heckison-----	0-4	17-23	1.20-1.35	0.2-0.6	0.16-0.18	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	4-19	24-35	1.20-1.40	0.06-0.2	0.16-0.19	6.6-8.4	<2	Moderate	0.32			
	19-29	10-20	1.25-1.45	0.6-2.0	0.09-0.17	7.4-9.0	<2	Low-----	0.32			
	29-35	---	---	---	---	---	---	-----	---			
	35	---	---	---	---	---	---	-----	---			
Freshwater-----	0-4	18-26	1.35-1.50	0.6-2.0	0.14-0.17	7.4-8.4	<2	Low-----	0.37	1	7	1-2
	4-12	27-34	1.40-1.60	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.20			
	12-30	---	---	---	---	---	---	-----	---			
	30-34	---	---	---	---	---	---	-----	---			
83*:												
Heckison-----	0-4	17-23	1.20-1.35	0.2-0.6	0.16-0.18	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	4-19	24-35	1.20-1.40	0.06-0.2	0.16-0.19	6.6-8.4	<2	Moderate	0.32			
	19-29	10-20	1.25-1.45	0.6-2.0	0.09-0.17	7.4-9.0	<2	Low-----	0.32			
	29-35	---	---	---	---	---	---	-----	---			
	35	---	---	---	---	---	---	-----	---			
Insidert-----	0-6	15-25	1.20-1.40	0.2-0.6	0.17-0.19	6.6-7.8	<2	Low-----	0.43	2	5	1-3
	6-17	35-50	1.25-1.45	0.06-0.2	0.16-0.18	6.6-8.4	<2	High-----	0.24			
	17-24	12-25	1.35-1.55	2.0-6.0	0.06-0.14	7.9-9.0	<2	Low-----	0.10			
	24-27	---	---	---	---	---	---	-----	---			
	27	---	---	---	---	---	---	-----	---			
Bigflat-----	0-8	14-20	1.20-1.40	0.2-0.6	0.13-0.18	6.1-7.8	<2	Low-----	0.37	2	5	2-4
	8-13	40-55	1.15-1.35	<0.06	0.11-0.17	6.6-8.4	<2	High-----	0.24			
	13-29	14-24	1.35-1.50	0.6-2.0	0.08-0.16	7.9-9.0	<2	Low-----	0.20			
	29-42	4-14	1.35-1.50	6.0-20	0.03-0.07	7.9-9.0	<2	Low-----	0.10			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay		Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
		In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm	K	T	group	Pct	
84*:													
Hotcreek-----	0-2	15-20	1.40-1.60	2.0-6.0	0.06-0.07	7.4-8.4	<2	Low-----	0.05	1	6	1-2	
	2-7	24-34	1.30-1.50	0.2-0.6	0.08-0.12	7.9-9.0	<2	Low-----	0.15				
	7-11	---	---	---	---	---	---	-----	---				
	11	---	---	---	---	---	---	-----	---				
Troughs-----	0-2	14-20	1.20-1.50	0.6-6.0	0.11-0.15	7.4-8.4	<2	Low-----	0.24	1	5	1-2	
	2-6	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17				
	6-12	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10				
	12-20	---	---	---	---	---	---	-----	---				
85*:													
Hurryback-----	0-6	16-26	1.20-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	5	2-4	
	6-24	19-28	1.25-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
	24-60	24-35	1.30-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
Hat-----	0-5	16-20	1.40-1.50	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20	2	5	1-3	
	5-19	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	19-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24	---	---	---	---	---	---	-----	---				
Avtable-----	0-4	15-25	1.30-1.50	0.6-2.0	0.12-0.14	6.1-7.3	<2	Low-----	0.20	1	6	1-2	
	4-10	20-30	1.35-1.55	0.2-0.6	0.08-0.11	6.1-7.3	<2	Low-----	0.10				
	10-19	20-30	1.35-1.55	0.2-0.6	0.04-0.10	6.1-7.3	<2	Low-----	0.10				
	19	---	---	---	---	---	---	-----	---				
86*:													
Hurryback-----	0-8	16-26	1.20-1.40	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.24	5	6	2-4	
	8-45	24-35	1.30-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
	45-60	12-20	1.35-1.50	2.0-6.0	0.07-0.16	6.1-7.3	<2	Low-----	0.15				
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2	
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20				
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10				
	19	---	---	---	---	---	---	-----	---				
87*:													
Igart-----	0-12	16-20	1.25-1.45	0.6-2.0	0.13-0.15	6.6-7.8	<2	Low-----	0.24	2	5	1-2	
	12-23	25-35	1.30-1.50	0.2-0.6	0.14-0.16	6.6-8.4	<2	Moderate	0.28				
	23-39	12-20	1.30-1.50	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.10				
	39	---	---	---	---	---	---	-----	---				
Willhill-----	0-5	18-25	1.25-1.45	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.20	2	5	1-2	
	5-13	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15				
	13-28	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10				
	28-32	---	---	---	---	---	---	-----	---				
Hardtrigger-----	0-8	12-20	1.40-1.55	0.6-2.0	0.09-0.14	6.6-7.8	<2	Low-----	0.20	3	5	1-2	
	8-20	22-34	1.40-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.20				
	20-28	10-20	1.50-1.65	2.0-6.0	0.07-0.10	7.9-9.0	<2	Low-----	0.20				
	28-60	4-12	1.55-1.65	2.0-6.0	0.05-0.09	>8.4	<2	Low-----	0.10				
88*:													
Insidert-----	0-6	15-25	1.20-1.40	0.2-0.6	0.17-0.19	6.6-7.8	<2	Low-----	0.43	2	5	1-3	
	6-17	35-50	1.25-1.45	0.06-0.2	0.16-0.18	6.6-8.4	<2	High-----	0.24				
	17-24	12-25	1.35-1.55	2.0-6.0	0.06-0.14	7.9-9.0	<2	Low-----	0.10				
	24-27	---	---	---	---	---	---	-----	---				
	27	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
88*:												
Tanner-----	0-4	20-26	1.10-1.30	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	2-3
	4-11	30-38	1.20-1.35	0.2-0.6	0.14-0.20	6.1-7.3	<2	Moderate	0.37			
	11-16	40-48	1.35-1.60	0.06-0.2	0.13-0.20	6.6-7.3	<2	High-----	0.24			
	16-21	16-26	1.20-1.35	0.6-2.0	0.13-0.17	7.4-8.4	<4	Low-----	0.28			
	21-42	---	---	---	---	---	---	-----	---			
	42-46	---	---	---	---	---	---	-----	---			
89*:												
Jumpcreek-----	0-12	18-25	1.20-1.40	0.6-2.0	0.11-0.14	6.6-7.8	<2	Low-----	0.20	2	5	2-3
	12-30	35-45	1.20-1.50	0.2-0.6	0.06-0.12	6.6-7.8	<2	Moderate	0.10			
	30-36	10-24	1.50-1.70	2.0-6.0	0.02-0.05	7.9-9.0	<2	Low-----	0.05			
	36	---	---	---	---	---	---	-----	---			
Frenchjohn-----	0-11	19-25	1.20-1.40	0.2-0.6	0.12-0.16	6.6-7.8	<2	Moderate	0.28	2	6	2-3
	11-22	40-55	1.15-1.35	0.06-0.2	0.10-0.14	6.6-7.8	<2	High-----	0.10			
	22-29	29-40	1.20-1.40	0.2-0.6	0.08-0.11	6.6-8.4	<2	Moderate	0.05			
	29-36	12-25	1.35-1.50	2.0-6.0	0.05-0.09	7.9-9.0	<2	Low-----	0.05			
	36	---	---	---	---	---	---	-----	---			
90*:												
Kanlee-----	0-10	12-20	1.35-1.55	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.15	2	3	2-5
	10-23	20-35	1.30-1.50	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.15			
	23-45	---	---	---	---	---	---	-----	---			
	45-49	---	---	---	---	---	---	-----	---			
Ola-----	0-5	8-15	1.60-1.70	2.0-6.0	0.11-0.13	6.1-7.3	<2	Low-----	0.24	2	3	2-4
	5-18	10-20	1.50-1.70	0.6-2.0	0.07-0.18	6.1-7.3	<2	Low-----	0.32			
	18-35	5-15	1.60-1.70	2.0-6.0	0.07-0.13	6.1-7.3	<2	Low-----	0.20			
	35-38	---	---	---	---	---	---	-----	---			
	38-42	---	---	---	---	---	---	-----	---			
Quicksilver-----	0-4	6-13	1.40-1.60	2.0-6.0	0.09-0.11	6.1-7.3	<2	Low-----	0.10	1	6	1-3
	4-15	6-16	1.40-1.60	2.0-6.0	0.09-0.13	6.1-7.3	<2	Low-----	0.15			
	15-18	3-10	1.40-1.60	6.0-20	0.04-0.07	6.1-7.3	<2	Low-----	0.10			
	18	---	---	---	---	---	---	-----	---			
91*:												
Kanlee-----	0-10	12-20	1.35-1.55	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.15	2	3	2-5
	10-32	20-35	1.30-1.50	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.15			
	32-45	---	---	---	---	---	---	-----	---			
	45-49	---	---	---	---	---	---	-----	---			
Poisoncreek-----	0-3	14-20	1.35-1.55	2.0-6.0	0.07-0.10	6.6-7.3	<2	Low-----	0.10	1	3	2-4
	3-6	24-34	1.30-1.50	0.6-2.0	0.08-0.13	6.6-7.3	<2	Moderate	0.10			
	6-12	20-32	1.35-1.55	0.6-2.0	0.05-0.09	6.6-7.3	<2	Low-----	0.05			
	12-16	---	---	---	---	---	---	-----	---			
	16	---	---	---	---	---	---	-----	---			
Ola-----	0-5	8-15	1.60-1.70	2.0-6.0	0.11-0.13	6.1-7.3	<2	Low-----	0.24	2	3	2-4
	5-18	10-20	1.50-1.70	0.6-2.0	0.07-0.18	6.1-7.3	<2	Low-----	0.32			
	18-35	5-15	1.60-1.70	2.0-6.0	0.07-0.13	6.1-7.3	<2	Low-----	0.20			
	35-38	---	---	---	---	---	---	-----	---			
	38-42	---	---	---	---	---	---	-----	---			
92*:												
Kiyi-----	0-8	20-26	1.35-1.45	0.6-2.0	0.13-0.17	6.1-7.3	<2	Moderate	0.24	3	6	2-4
	8-40	28-38	1.40-1.55	0.2-0.6	0.10-0.15	5.6-6.5	<2	Moderate	0.20			
	40-60	35-55	1.40-1.60	<0.06	0.08-0.12	5.6-6.5	<2	Moderate	0.10			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
92*:													
Sharesnout-----	0-12	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.20	2	6	2-4	
	12-30	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	30-34	---	---	---	---	---	---	-----	-----				
Hades-----	0-20	18-25	1.35-1.45	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	6	2-4	
	20-60	27-35	1.35-1.45	0.2-0.6	0.13-0.17	6.1-7.3	<2	Moderate	0.24				
93*:													
Larioscamp-----	0-3	18-25	1.35-1.55	0.6-2.0	0.16-0.17	6.1-7.8	<2	Moderate	0.32	2	6	1-2	
	3-15	35-45	1.35-1.55	0.06-0.2	0.12-0.18	6.6-7.8	<2	High-----	0.28				
	15-25	10-20	1.40-1.65	2.0-6.0	0.05-0.11	7.9-9.0	<2	Low-----	0.10				
	25-29	---	---	---	---	---	---	-----	-----				
	29	---	---	---	---	---	---	-----	-----				
Dishpan-----	0-4	18-25	1.30-1.50	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.32	2	6	2-3	
	4-16	27-35	1.35-1.50	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.37				
	16-28	10-18	1.40-1.55	2.0-6.0	0.06-0.08	7.9-9.0	<2	Low-----	0.10				
	28	---	---	---	---	---	---	-----	-----				
Brace-----	0-6	18-24	1.35-1.55	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2	
	6-19	27-35	1.40-1.60	0.2-0.6	0.12-0.17	7.4-8.4	<2	Moderate	0.24				
	19-23	20-30	1.45-1.60	0.2-0.6	0.11-0.16	7.9-9.0	<2	Low-----	0.20				
	23-26	---	---	---	---	---	---	-----	-----				
	26	---	---	---	---	---	---	-----	-----				
94*:													
Larioscamp-----	0-3	18-25	1.35-1.55	0.6-2.0	0.16-0.17	6.1-7.8	<2	Moderate	0.32	2	6	1-2	
	3-15	35-45	1.35-1.55	0.06-0.2	0.12-0.18	6.6-7.8	<2	High-----	0.28				
	15-25	10-20	1.40-1.65	2.0-6.0	0.05-0.11	7.9-9.0	<2	Low-----	0.10				
	25-29	---	---	---	---	---	---	-----	-----				
	29	---	---	---	---	---	---	-----	-----				
Freshwater-----	0-5	18-26	1.35-1.55	2.0-6.0	0.08-0.11	6.6-7.8	<2	Low-----	0.28	1	7	1-2	
	5-18	27-34	1.40-1.60	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.20				
	18-22	---	---	---	---	---	---	-----	-----				
	22	---	---	---	---	---	---	-----	-----				
95*:													
Longcreek-----	0-5	20-27	1.35-1.45	0.6-2.0	0.08-0.10	6.6-7.3	0-0	Low-----	0.10	1	8	1-3	
	5-11	35-40	1.30-1.40	0.2-0.6	0.08-0.12	6.6-7.8	0-0	Moderate	0.10				
	11-19	40-50	1.25-1.35	0.06-0.2	0.06-0.10	6.6-7.8	0-0	Moderate	0.10				
	19	---	---	---	---	---	---	-----	-----				
Hurryback-----	0-6	16-26	1.20-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	5	2-4	
	6-24	19-28	1.25-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
	24-60	24-35	1.30-1.45	0.2-0.6	0.11-0.18	6.1-7.3	<2	Moderate	0.24				
Succor-----	0-5	20-27	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Moderate	0.20	1	6	2-4	
	5-22	35-50	1.25-1.45	0.06-0.2	0.15-0.18	6.6-7.8	<2	High-----	0.20				
	22-60	16-26	1.35-1.55	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low-----	0.17				
96*:													
Loomis-----	0-3	18-25	1.20-1.35	0.6-2.0	0.09-0.11	6.6-7.3	<2	Low-----	0.10	1	8	1-2	
	3-7	27-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10				
	7-14	40-55	1.15-1.35	0.06-0.2	0.08-0.11	6.6-7.8	<2	Moderate	0.10				
	14	---	---	0.0-0.01	---	---	---	-----	-----				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
96*: Fairylawn-----	0-8	15-25	1.20-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Low-----	0.43	2	5	2-3
	8-20	35-60	1.15-1.35	<0.06	0.14-0.19	7.4-8.4	<2	High-----	0.20			
	20-25	20-38	1.20-1.40	0.2-0.6	0.13-0.18	7.4-9.0	<2	Moderate	0.20			
	25-40	---	---	---	---	---	---	-----	---			
	40	---	---	---	---	---	---	-----	---			
97*: Loomis-----	0-4	15-22	1.20-1.35	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.15	1	6	1-2
	4-7	27-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10			
	7-14	40-55	1.15-1.35	0.06-0.2	0.08-0.11	6.6-7.8	<2	Moderate	0.10			
	14-18	---	---	0.0-0.01	---	---	---	-----	---			
Haw-----	0-18	8-18	1.40-1.50	2.0-6.0	0.09-0.11	6.1-7.8	<2	Low-----	0.24	4	3	1-3
	18-32	22-34	1.30-1.45	0.2-0.6	0.14-0.21	6.1-7.8	<2	Moderate	0.37			
	32-60	10-25	1.35-1.45	6.0-20	0.11-0.18	7.4-9.0	<2	Low-----	0.28			
98*: Lostvalley-----	0-6	20-27	1.20-1.40	0.2-0.6	0.15-0.17	6.1-7.3	<2	Low-----	0.28	2	6	1-2
	6-20	40-55	1.30-1.45	<0.06	0.17-0.18	6.6-8.4	<2	High-----	0.24			
	20-26	27-35	1.30-1.45	0.2-0.6	0.15-0.17	7.4-8.4	<2	Moderate	0.20			
	26-30	---	---	---	---	---	---	-----	---			
Budlewis-----	0-9	18-26	1.20-1.35	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	1-3
	9-24	37-55	1.20-1.40	0.06-0.2	0.14-0.20	6.6-7.8	<2	High-----	0.28			
	24-29	24-35	1.25-1.45	0.2-0.6	0.14-0.20	7.4-9.0	<4	Moderate	0.37			
	29-30	---	---	---	---	---	---	-----	---			
	30-34	---	---	---	---	---	---	-----	---			
99*: Mackey-----	0-6	18-24	1.30-1.40	0.6-2.0	0.08-0.10	6.6-7.3	<2	Low-----	0.15	2	8	1-2
	6-12	24-32	1.25-1.35	0.6-2.0	0.08-0.12	7.4-7.8	<2	Low-----	0.15			
	12-26	5-15	1.50-1.60	2.0-6.0	0.03-0.05	7.4-8.4	<4	Low-----	0.10			
	26-30	---	---	---	---	---	---	-----	---			
Cottle-----	0-5	15-26	1.40-1.55	0.6-2.0	0.08-0.11	6.6-7.8	<2	Low-----	0.15	1	8	1-2
	5-8	18-34	1.40-1.55	0.6-2.0	0.08-0.10	6.6-7.8	<2	Moderate	0.15			
	8-16	22-35	1.40-1.55	0.2-0.6	0.06-0.09	6.6-7.8	<2	Moderate	0.17			
	16	---	---	---	---	---	---	-----	---			
100*: McKeeth-----	0-5	17-26	1.40-1.50	0.6-2.0	0.12-0.14	7.4-8.4	<4	Moderate	0.17	3	6	.5-1
	5-16	25-35	1.40-1.50	0.2-0.6	0.12-0.15	7.9-9.0	<8	Moderate	0.17			
	16-20	7-15	1.55-1.65	0.2-0.6	0.07-0.09	7.9-9.0	<8	Low-----	0.10			
	20-60	2-8	1.60-1.70	6.0-20	0.02-0.05	7.9-9.0	<8	Low-----	0.02			
Veta-----	0-10	10-20	1.40-1.55	0.6-2.0	0.10-0.13	6.6-7.8	<2	Low-----	0.20	5	5	.8-2
	10-31	5-15	1.40-1.55	2.0-6.0	0.04-0.08	6.6-7.8	<2	Low-----	0.10			
	31-60	2-15	1.40-1.55	2.0-6.0	0.04-0.08	6.6-8.4	<2	Low-----	0.10			
101*: Merlin-----	0-4	20-27	1.10-1.20	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.10	1	8	2-4
	4-19	35-70	1.20-1.30	<0.06	0.13-0.16	6.6-7.8	<2	High-----	0.28			
	19	---	---	---	---	---	---	-----	---			
Lostvalley-----	0-6	20-27	1.20-1.40	0.2-0.6	0.15-0.17	6.1-7.3	<2	Low-----	0.28	2	6	1-2
	6-20	40-55	1.30-1.45	<0.06	0.17-0.18	6.6-8.4	<2	High-----	0.24			
	20-26	27-35	1.30-1.45	0.2-0.6	0.15-0.17	7.4-8.4	<2	Moderate	0.20			
	26-30	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
101*:													
Chayson-----	0-4	18-24	1.40-1.50	0.6-2.0	0.15-0.18	7.4-7.8	<2	Low-----	0.32	2	5	2-4	
	4-27	24-34	1.30-1.45	0.2-0.6	0.13-0.17	7.4-8.4	<2	Moderate	0.28				
	27-37	20-27	1.35-1.45	0.6-2.0	0.10-0.14	7.9-9.0	<2	Low-----	0.17				
	37-45	---	---	---	---	---	---	-----	---				
	45	---	---	---	---	---	---	-----	---				
102*:													
Minveno-----	0-4	10-15	1.20-1.40	0.6-2.0	0.19-0.21	6.6-8.4	<2	Low-----	0.43	1	4L	1-2	
	4-19	10-18	1.25-1.35	0.6-2.0	0.16-0.21	7.4-8.4	2-4	Low-----	0.43				
	19-39	---	---	---	---	---	---	-----	---				
	39-43	---	---	---	---	---	---	-----	---				
Roseworth-----	0-4	14-20	1.35-1.50	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.49	1	5	1-2	
	4-9	24-27	1.40-1.55	0.2-0.6	0.14-0.20	6.6-7.8	<2	Moderate	0.43				
	9-13	13-22	1.40-1.55	0.6-2.0	0.14-0.20	7.4-8.4	<4	Low-----	0.49				
	13-16	---	---	---	---	---	---	-----	---				
	16-31	5-10	1.50-1.65	2.0-6.0	0.10-0.12	7.9-8.4	2-4	Low-----	0.37				
	31-60	---	---	---	---	---	---	-----	---				
103*:													
Mollic													
Haploxeralfs---	0-5	18-27	1.20-1.40	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.24	3	6	1-2	
	5-21	30-45	1.15-1.35	0.06-0.6	0.13-0.17	6.6-7.8	<2	High-----	0.20				
	21-38	18-45	1.20-1.45	0.2-2.0	0.07-0.14	6.6-8.4	<2	Moderate	0.15				
	38	---	---	---	---	---	---	-----	---				
Pachic													
Argixerolls---	0-20	16-26	1.30-1.50	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low-----	0.20	4	6	2-5	
	20-60	---	---	---	---	---	---	-----	---				
104*:													
Monasterio-----	0-6	11-18	1.20-1.35	2.0-6.0	0.06-0.10	5.6-7.3	<2	Low-----	0.15	2	7	2-4	
	6-19	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10				
	19-24	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05				
	24-28	---	---	---	---	---	---	-----	---				
Chayson-----	0-5	18-24	1.40-1.50	0.6-2.0	0.15-0.18	7.4-7.8	<2	Low-----	0.32	2	5	2-4	
	5-18	24-34	1.30-1.45	0.2-0.6	0.13-0.17	7.4-8.4	<2	Moderate	0.28				
	18-23	20-27	1.35-1.45	0.6-2.0	0.10-0.14	7.9-9.0	<2	Low-----	0.17				
	23-50	---	---	---	---	---	---	-----	---				
	50-54	---	---	---	---	---	---	-----	---				
Budlewis-----	0-9	18-26	1.20-1.35	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	1-3	
	9-24	37-55	1.20-1.40	0.06-0.2	0.14-0.20	6.6-7.8	<2	High-----	0.28				
	24-29	24-35	1.25-1.45	0.2-0.6	0.14-0.20	7.4-9.0	<4	Moderate	0.37				
	29-30	---	---	---	---	---	---	-----	---				
	30-34	---	---	---	---	---	---	-----	---				
105*:													
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4	
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10				
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05				
	28	---	---	---	---	---	---	-----	---				
Cleavage-----	0-9	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	8	1-3	
	9-16	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10				
	16-20	---	---	0.0-0.01	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
105*:												
Saturday-----	0-9	10-22	1.10-1.30	0.6-2.0	0.11-0.15	5.6-6.5	<2	Low-----	0.17	3	8	3-10
	9-24	22-35	1.40-1.60	0.6-2.0	0.08-0.09	5.6-6.5	<2	Moderate	0.15			
	24-56	12-25	1.50-1.60	0.6-2.0	0.05-0.09	5.6-6.5	<2	Low-----	0.10			
	56	---	---	---	---	---	---	-----	---			
106*:												
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	-----	---			
Cleavage-----	0-8	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	7	1-3
	8-18	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	18	---	---	0.0-0.01	---	---	---	-----	---			
Thacker-----	0-3	17-24	1.20-1.40	0.6-2.0	0.14-0.18	6.1-7.3	<2	Low-----	0.32	2	6	1-2
	3-12	20-27	1.20-1.40	0.2-0.6	0.14-0.18	6.1-7.3	<2	Low-----	0.37			
	12-26	40-55	1.20-1.40	<0.06	0.15-0.18	6.1-7.8	<2	High-----	0.20			
	26-39	24-30	1.45-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.24			
	39-56	---	---	---	---	---	---	-----	---			
	56-60	5-15	1.55-1.65	6.0-20	0.05-0.10	7.4-7.8	<2	Low-----	0.15			
107*:												
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	-----	---			
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	19	---	---	---	---	---	---	-----	---			
108-----												
Mulshoe	0-9	15-20	1.30-1.45	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.10	2	7	1-3
	9-21	28-35	1.20-1.40	0.2-0.6	0.08-0.10	6.1-7.3	<2	Moderate	0.24			
	21-24	---	---	---	---	---	---	-----	---			
	24-28	---	---	---	---	---	---	-----	---			
109*:												
Mulshoe-----	0-9	15-20	1.30-1.45	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.10	2	7	1-3
	9-21	28-35	1.20-1.40	0.2-0.6	0.08-0.10	6.1-7.3	<2	Moderate	0.24			
	21-24	---	---	---	---	---	---	-----	---			
	24-28	---	---	---	---	---	---	-----	---			
Squawcreek-----	0-4	20-26	1.20-1.40	0.6-2.0	0.13-0.17	6.1-7.3	<2	Low-----	0.20	1	6	1-2
	4-14	30-40	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.28			
	14-19	40-55	1.15-1.35	0.06-0.2	0.16-0.18	6.1-7.3	<2	High-----	0.20			
	19-23	---	---	---	---	---	---	-----	---			
Gaib-----												
	0-7	15-25	1.40-1.50	0.6-2.0	0.05-0.07	5.6-6.5	<2	Low-----	0.24	1	6	1-3
	7-18	24-35	1.50-1.60	0.2-0.6	0.10-0.16	5.6-7.3	<2	Moderate	0.20			
	18-22	---	---	---	---	---	---	-----	---			
110*:												
Nagitsy-----	0-20	15-24	1.30-1.45	0.6-2.0	0.09-0.11	6.1-7.3	<2	Low-----	0.10	2	6	2-4
	20-37	18-27	1.30-1.45	0.6-2.0	0.08-0.11	5.6-7.3	<2	Low-----	0.15			
	37	---	---	---	---	---	---	-----	---			
Rock outcrop.												

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
110*: Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4	
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17				
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15				
	45-49	---	---	---	---	---	---	-----	---				
111*: Nazaton-----	0-15	15-25	1.40-1.50	0.6-2.0	0.13-0.16	5.6-6.5	<2	Low-----	0.20	5	7	2-5	
	15-60	15-25	1.45-1.55	2.0-6.0	0.07-0.09	6.1-7.3	<2	Low-----	0.05				
Naz-----	0-24	7-13	1.60-1.70	2.0-6.0	0.14-0.16	5.6-7.3	<2	Low-----	0.28	3	5	3-6	
	24-45	5-13	1.60-1.70	6.0-20	0.06-0.08	5.6-7.3	<2	Low-----	0.24				
	45-50	2-15	1.70-1.80	6.0-20	0.05-0.07	5.1-7.3	<2	Low-----	0.20				
	50-54	---	---	---	---	---	---	-----	---				
112*: Nipintuck-----	0-2	10-20	1.35-1.50	2.0-6.0	0.05-0.07	6.1-7.3	<2	Low-----	0.05	1	8	1-2	
	2-6	15-25	1.45-1.60	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.17				
	6	---	---	---	---	---	---	-----	---				
Rock outcrop.													
113*: Nipintuck-----	0-2	10-20	1.35-1.50	2.0-6.0	0.05-0.07	6.1-7.3	<2	Low-----	0.05	1	8	1-2	
	2-6	15-25	1.45-1.60	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.17				
	6	---	---	---	---	---	---	-----	---				
Squawcreek-----	0-4	20-26	1.20-1.40	0.6-2.0	0.13-0.17	6.1-7.3	<2	Low-----	0.20	1	6	1-2	
	4-14	30-40	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.28				
	14-19	40-55	1.15-1.35	0.06-0.2	0.16-0.18	6.1-7.3	<2	High-----	0.20				
	19-23	---	---	---	---	---	---	-----	---				
Rock outcrop.													
114*: Northcastle-----	0-16	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.37	2	6	2-4	
	16-34	24-35	1.25-1.45	0.2-0.6	0.12-0.18	6.1-7.3	<2	Moderate	0.32				
	34-60	---	---	---	---	---	---	-----	---				
	60-72	8-20	1.45-1.65	6.0-20.0	0.05-0.10	6.1-8.4	<2	Low-----	0.10				
Bluecreek-----	0-8	18-25	1.40-1.50	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.32	1	6	1-2	
	8-20	35-50	1.20-1.40	0.06-0.2	0.15-0.18	6.1-7.8	<2	High-----	0.20				
	20-31	10-25	1.40-1.50	2.0-6.0	0.08-0.15	6.1-9.0	<2	Low-----	0.15				
	31-41	---	---	---	---	---	---	-----	---				
	41-60	0-8	1.60-1.70	>6.0	0.03-0.05	6.6-7.8	<2	Low-----	0.05				
Yatahoney-----	0-6	20-25	1.20-1.40	0.6-2.0	0.15-0.18	6.1-7.3	<2	Low-----	0.43	2	6	1-2	
	6-23	40-55	1.25-1.45	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-----	0.28				
	23-32	---	---	---	---	---	---	-----	---				
	32-36	---	---	---	---	---	---	-----	---				
115*: Northcastle-----	0-16	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.37	2	6	2-4	
	16-34	24-35	1.25-1.45	0.2-0.6	0.12-0.18	6.1-7.3	<2	Moderate	0.32				
	34-60	---	---	---	---	---	---	-----	---				
	60-72	8-20	1.45-1.65	6.0-20.0	0.05-0.10	6.1-8.4	<2	Low-----	0.10				
Wagonbox-----	0-5	20-25	1.40-1.50	0.6-2.0	0.10-0.13	6.1-7.3	<2	Low-----	0.15	1	8	1-2	
	5-17	35-55	1.20-1.40	0.06-0.2	0.09-0.14	6.1-7.8	<2	High-----	0.10				
	17-18	---	---	---	---	---	---	-----	---				
	18-22	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
115*: Fryingpan-----	0-3	18-24	1.20-1.40	0.6-2.0	0.13-0.16	6.1-7.3	<2	Low-----	0.32	1	6	1-2
	3-18	24-34	1.30-1.45	0.2-0.6	0.13-0.17	6.1-7.3	<2	Moderate	0.20			
	18	---	---	---	---	---	---	-----	-----			
116*: Ola-----	0-5	8-15	1.60-1.70	2.0-6.0	0.11-0.13	6.1-7.3	<2	Low-----	0.24	2	3	2-4
	5-18	10-20	1.50-1.70	0.6-2.0	0.07-0.18	6.1-7.3	<2	Low-----	0.32			
	18-35	5-15	1.60-1.70	2.0-6.0	0.07-0.13	6.1-7.3	<2	Low-----	0.20			
	35-38	---	---	---	---	---	---	-----	-----			
	38-42	---	---	---	---	---	---	-----	-----			
Earcree-----	0-34	10-18	1.40-1.50	2.0-6.0	0.10-0.13	5.6-6.5	<2	Low-----	0.10	5	3	3-6
	34-60	5-15	1.30-1.50	2.0-6.0	0.05-0.12	6.1-7.3	<2	Low-----	0.10			
117*: Orovada-----	0-5	10-15	1.35-1.50	0.6-2.0	0.15-0.17	6.6-8.4	0-0	Low-----	0.49	5	3	.9-2
	5-18	5-18	1.40-1.55	0.6-2.0	0.15-0.17	7.4-8.4	0-4	Low-----	0.43			
	18-60	5-18	1.40-1.60	0.6-2.0	0.14-0.16	7.9-9.6	4-16	Low-----	0.43			
Roseworth-----	0-4	14-20	1.35-1.50	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.49	1	5	1-2
	4-9	24-27	1.40-1.55	0.2-0.6	0.14-0.20	6.6-7.8	<2	Moderate	0.43			
	9-13	13-22	1.40-1.55	0.6-2.0	0.14-0.20	7.4-8.4	<4	Low-----	0.49			
	13-16	---	---	---	---	---	---	-----	-----			
	16-31	5-10	1.50-1.65	2.0-6.0	0.10-0.12	7.9-8.4	2-4	Low-----	0.37			
	31-60	---	---	---	---	---	---	-----	-----			
Wholan-----	0-4	5-15	1.35-1.50	0.6-2.0	0.19-0.21	7.4-9.0	2-8	Low-----	0.55	5	5	0-.5
	4-60	5-15	1.35-1.50	0.6-2.0	0.16-0.19	7.9-9.6	4-16	Low-----	0.55			
118*: Owsel-----	0-6	10-20	1.45-1.55	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.49	5	5	1-3
	6-15	28-35	1.45-1.55	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.43			
	15-18	10-20	1.45-1.55	0.2-0.6	0.14-0.16	7.9-9.0	<4	Low-----	0.49			
	18-60	10-15	1.50-1.60	2.0-6.0	0.10-0.12	7.9-9.0	<4	Low-----	0.43			
Coonskin-----	0-2	14-20	1.20-1.40	0.2-0.6	0.16-0.18	7.4-8.4	<2	Low-----	0.49	2	5	1-2
	2-16	14-22	1.30-1.50	0.2-0.6	0.14-0.18	7.4-9.0	<2	Low-----	0.43			
	16-30	5-14	1.40-1.65	2.0-6.0	0.06-0.11	>7.8	<4	Low-----	0.10			
	30-40	---	---	---	---	---	---	-----	-----			
	40	---	---	---	---	---	---	-----	-----			
Orovada-----	0-5	10-15	1.35-1.50	0.6-2.0	0.15-0.17	6.6-8.4	0-0	Low-----	0.49	5	3	.9-2
	5-18	5-18	1.40-1.55	0.6-2.0	0.15-0.17	7.4-8.4	0-4	Low-----	0.43			
	18-60	5-18	1.40-1.60	0.6-2.0	0.14-0.16	7.9-9.6	4-16	Low-----	0.43			
119----- Parkay	0-8	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	8-24	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	24-48	20-27	1.45-1.55	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.15			
	48-52	---	---	---	---	---	---	-----	-----			
120*: Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17			
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	45-49	---	---	---	---	---	---	-----	-----			
Bregar-----	0-4	18-25	1.15-1.25	0.6-2.0	0.13-0.15	6.1-7.8	<2	Low-----	0.17	1	6	1-2
	4-8	25-35	1.35-1.45	0.2-0.6	0.09-0.14	6.1-7.8	<2	Low-----	0.10			
	8	---	---	0.0-0.01	---	---	---	-----	-----			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter
	In	Pct							K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					Pct
121*:												
Parkay-----	0-8	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	8-24	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	24-48	20-27	1.45-1.55	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.15			
	48-52	---	---	---	---	---	---	-----	---			
Dehana-----	0-14	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8
	14-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15			
122*:												
Parkay-----	0-8	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	8-24	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	24-48	20-27	1.45-1.55	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.15			
	48-52	---	---	---	---	---	---	-----	---			
Dehana-----	0-14	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8
	14-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15			
Booneville-----	0-5	14-24	1.35-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	6	2-5
	5-14	14-24	1.35-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28			
	14-30	22-32	1.30-1.40	0.2-0.6	0.09-0.13	5.6-6.5	<2	Moderate	0.15			
	30-60	25-35	1.30-1.45	0.2-0.6	0.08-0.10	5.6-6.5	<2	Moderate	0.10			
123*:												
Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17			
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	45-49	---	---	---	---	---	---	-----	---			
Povey-----	0-6	10-18	1.20-1.40	0.6-2.0	0.10-0.12	6.1-7.3	<2	Low-----	0.15	4	5	2-4
	6-32	10-18	1.20-1.40	0.6-2.0	0.09-0.12	6.1-7.8	<2	Low-----	0.15			
	32-60	8-18	1.25-1.45	2.0-6.0	0.05-0.07	6.6-7.8	<2	Low-----	0.10			
124*:												
Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17			
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15			
	45-49	---	---	---	---	---	---	-----	---			
Wickahoney-----	0-4	20-25	1.40-1.50	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.10	1	8	1-2
	4-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-20	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	20-24	---	---	---	---	---	---	-----	---			
125-----												
Paynecreek	0-4	10-20	1.45-1.50	2.0-6.0	0.08-0.12	5.6-7.3	<2	Low-----	0.15	5	3	2-4
	4-29	24-34	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.17			
	29-60	10-20	1.55-1.65	2.0-6.0	0.06-0.09	6.6-7.8	<2	Low-----	0.10			
126*:												
Paynecreek-----	0-11	18-25	1.40-1.50	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.24	3	6	2-4
	11-25	24-34	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.28			
	25-42	10-18	1.55-1.65	2.0-6.0	0.08-0.11	6.6-7.8	<2	Low-----	0.24			
	42	---	---	---	---	---	---	-----	---			
Barkley-----	0-17	18-25	1.10-1.20	0.6-2.0	0.13-0.16	6.6-7.3	<2	Low-----	0.28	5	6	2-4
	17-35	27-35	1.20-1.35	0.6-2.0	0.13-0.18	6.6-7.3	<2	Moderate	0.24			
	35-43	10-18	1.60-1.70	<0.06	0.06-0.09	6.6-7.8	<2	Low-----	0.15			
	43-60	10-18	1.30-1.40	2.0-6.0	0.08-0.10	6.6-8.4	<2	Low-----	0.17			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter
	In	Pct							K	T		
126*:												
Chayson-----	0-5	18-24	1.40-1.50	0.6-2.0	0.15-0.18	7.4-7.8	<2	Low-----	0.32	2	5	2-4
	5-18	24-34	1.30-1.45	0.2-0.6	0.13-0.17	7.4-8.4	<2	Moderate	0.28			
	18-23	20-27	1.35-1.45	0.6-2.0	0.10-0.14	7.9-9.0	<2	Low-----	0.17			
	23-50	---	---	---	---	---	---	-----	---			
	50-54	---	---	---	---	---	---	-----	---			
127*:												
Paynecreek-----	0-4	10-20	1.45-1.50	2.0-6.0	0.08-0.12	5.6-7.3	<2	Low-----	0.15	5	3	2-4
	4-29	24-34	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.17			
	29-60	10-20	1.55-1.65	2.0-6.0	0.06-0.09	6.6-7.8	<2	Low-----	0.10			
Northcastle-----	0-10	14-20	1.30-1.50	2.0-6.0	0.10-0.11	6.1-7.3	<2	Low-----	0.20	2	3	2-4
	10-34	24-35	1.25-1.45	0.2-0.6	0.12-0.18	6.1-7.3	<2	Moderate	0.32			
	34-40	---	---	---	---	---	---	-----	---			
	40-60	8-20	1.45-1.65	6.0-20.0	0.05-0.10	6.1-8.4	<2	Low-----	0.10			
128*:												
Paynecreek-----	0-11	18-25	1.40-1.50	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.24	3	6	2-4
	11-25	24-34	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.28			
	25-42	10-18	1.55-1.65	2.0-6.0	0.08-0.11	6.6-7.8	<2	Low-----	0.24			
	42	---	---	---	---	---	---	-----	---			
Northcastle-----	0-16	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.37	2	6	2-4
	16-34	24-35	1.25-1.45	0.2-0.6	0.12-0.18	6.1-7.3	<2	Moderate	0.32			
	34-60	---	---	---	---	---	---	-----	---			
	60-72	8-20	1.45-1.65	6.0-20.0	0.05-0.10	6.1-8.4	<2	Low-----	0.10			
Blackwell-----	0-15	8-18	1.25-1.45	0.6-6.0	0.15-0.19	6.1-7.3	<2	Low-----	0.28	5	5	4-7
	15-25	20-30	1.35-1.55	0.2-0.6	0.14-0.19	6.1-7.3	<2	Moderate	0.24			
	25-60	5-29	1.45-1.65	0.2-0.6	0.12-0.14	6.1-7.3	<2	Moderate	0.28			
129*:												
Perla-----	0-3	20-27	1.20-1.40	0.6-2.0	0.14-0.17	6.1-7.3	<2	Moderate	0.32	2	6	1-3
	3-8	30-40	1.20-1.40	0.2-0.6	0.17-0.20	5.6-7.3	<2	Moderate	0.28			
	8-23	35-55	1.30-1.50	0.06-0.2	0.13-0.16	5.6-7.3	<2	High-----	0.28			
	23-27	---	---	---	---	---	---	-----	---			
Ruclick-----	0-5	20-27	1.20-1.40	0.6-2.0	0.11-0.15	6.1-7.8	<2	Low-----	0.20	2	7	1-3
	5-10	27-35	1.25-1.45	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.17			
	10-29	35-50	1.25-1.45	0.06-0.2	0.08-0.12	6.6-8.4	<2	High-----	0.10			
	29	---	---	---	---	---	---	-----	---			
130*. Pits, gravel												
131*. Pits and Dumps, mine												
132*:												
Fixley-----	0-6	20-27	1.20-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Moderate	0.37	1	6	2-3
	6-18	27-35	1.20-1.40	0.06-0.2	0.14-0.19	6.6-7.8	<2	Moderate	0.37			
	18-34	---	---	---	---	---	---	-----	---			
	34-60	5-15	1.35-1.55	2.0-6.0	0.07-0.10	6.6-8.4	<2	Low-----	0.17			
Barkley-----	0-17	18-25	1.10-1.20	0.6-2.0	0.13-0.16	6.6-7.3	<2	Low-----	0.28	5	6	2-4
	17-35	27-35	1.20-1.35	0.6-2.0	0.13-0.18	6.6-7.3	<2	Moderate	0.24			
	35-43	10-18	1.60-1.70	<0.06	0.06-0.09	6.6-7.8	<2	Low-----	0.15			
	43-60	10-18	1.30-1.40	2.0-6.0	0.08-0.10	6.6-8.4	<2	Low-----	0.17			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permeability	Available water		Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter
	In	Pct			In/hr	In/in				K	T		
133*: Playas.													
Duric Natrargids	0-4	16-26	1.40-1.50	0.2-0.6	0.16-0.18	7.4-8.4	<4	Low-----	0.55	5	5	<.5	
	4-15	30-45	1.20-1.35	<0.06	0.16-0.18	>7.8	>4	High-----	0.43				
	15-60	8-34	1.30-1.50	0.06-6.0	0.10-0.18	>7.8	>4	Moderate	0.37				
134*: Plush-----	0-4	15-20	1.20-1.40	2.0-6.0	0.06-0.08	6.6-7.3	<2	Low-----	0.05	3	8	1-2	
	4-11	20-30	1.20-1.40	0.2-0.6	0.10-0.13	6.6-7.3	<2	Moderate	0.15				
	11-20	27-35	1.20-1.40	0.2-0.6	0.08-0.12	6.6-7.8	<2	Moderate	0.10				
	20-48	18-27	1.20-1.40	0.6-2.0	0.06-0.09	6.6-7.8	<2	Low-----	0.05				
	48	---	---	---	---	---	---	-----	---				
Rubbleland.													
Rock outcrop.													
135*: Poisoncreek-----	0-5	14-20	1.35-1.55	2.0-6.0	0.09-0.14	6.6-7.3	<2	Low-----	0.10	1	5	2-4	
	5-12	24-34	1.30-1.50	0.6-2.0	0.08-0.13	6.6-7.3	<2	Moderate	0.10				
	12-15	---	---	---	---	---	---	-----	---				
	15-19	---	---	---	---	---	---	-----	---				
Kanlee-----	0-10	12-20	1.35-1.55	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.15	2	3	2-5	
	10-32	20-35	1.30-1.50	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.15				
	32-45	---	---	---	---	---	---	-----	---				
	45-49	---	---	---	---	---	---	-----	---				
136*: Poisoncreek-----	0-5	14-20	1.35-1.55	2.0-6.0	0.09-0.14	6.6-7.3	<2	Low-----	0.10	1	5	2-4	
	5-12	24-34	1.30-1.50	0.6-2.0	0.08-0.13	6.6-7.3	<2	Moderate	0.10				
	12-15	---	---	---	---	---	---	-----	---				
	15-19	---	---	---	---	---	---	-----	---				
Kanlee-----	0-10	12-20	1.35-1.55	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.15	2	3	2-5	
	10-32	20-35	1.30-1.50	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.15				
	32-45	---	---	---	---	---	---	-----	---				
	45-49	---	---	---	---	---	---	-----	---				
Bauscher-----	0-12	12-18	1.35-1.50	2.0-6.0	0.10-0.12	5.6-7.3	<2	Low-----	0.17	3	3	2-5	
	12-45	18-30	1.50-1.60	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	0.28				
	45-54	10-15	1.55-1.65	2.0-6.0	0.09-0.13	5.6-7.3	<2	Low-----	0.17				
	54-58	---	---	---	---	---	---	-----	---				
137*: Povey-----	0-22	10-20	1.20-1.40	0.6-2.0	0.14-0.17	6.1-7.3	<2	Low-----	0.28	3	5	2-3	
	22-35	10-20	1.20-1.40	0.6-2.0	0.06-0.08	6.1-7.3	<2	Low-----	0.15				
	35-50	8-15	1.25-1.45	0.6-2.0	0.03-0.05	6.6-7.8	<2	Low-----	0.15				
	50-54	---	---	---	---	---	---	-----	---				
Dehana-----	0-14	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8	
	14-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15				
138*: Povey-----	0-6	10-18	1.20-1.40	0.6-2.0	0.10-0.12	6.1-7.3	<2	Low-----	0.15	4	5	2-4	
	6-32	10-18	1.20-1.40	0.6-2.0	0.09-0.12	6.1-7.8	<2	Low-----	0.15				
	32-60	8-18	1.25-1.45	2.0-6.0	0.05-0.07	6.6-7.8	<2	Low-----	0.10				
Earcree-----	0-34	10-18	1.40-1.50	2.0-6.0	0.10-0.13	5.6-6.5	<2	Low-----	0.10	5	3	3-6	
	34-60	5-15	1.30-1.50	2.0-6.0	0.05-0.12	6.1-7.3	<2	Low-----	0.10				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay Pct	Moist bulk density G/cc	Permea- bility In/hr	Available water capacity In/in	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct								K	T		
139*:													
Povey-----	0-22	10-20	1.20-1.40	0.6-2.0	0.14-0.17	6.1-7.3	<2	Low-----	0.28	3	5	2-3	
	22-35	10-20	1.20-1.40	0.6-2.0	0.06-0.08	6.1-7.3	<2	Low-----	0.15				
	35-50	8-15	1.25-1.45	0.6-2.0	0.03-0.05	6.6-7.8	<2	Low-----	0.15				
	50-54	---	---	---	---	---	---	-----	---				
Nagitsy-----	0-10	15-24	1.30-1.45	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.28	2	5	2-5	
	10-32	18-27	1.30-1.45	0.6-2.0	0.08-0.11	5.6-7.3	<2	Low-----	0.15				
	32-36	---	---	---	---	---	---	-----	---				
140*:													
Quicksilver-----	0-4	6-13	1.40-1.60	2.0-6.0	0.09-0.11	6.1-7.3	<2	Low-----	0.10	1	6	1-3	
	4-15	6-16	1.40-1.60	2.0-6.0	0.09-0.13	6.1-7.3	<2	Low-----	0.15				
	15-18	3-10	1.40-1.60	6.0-20	0.04-0.07	6.1-7.3	<2	Low-----	0.10				
	18	---	---	---	---	---	---	-----	---				
Takeuchi-----	0-12	5-16	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.15	2	3	2-4	
	12-26	8-18	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17				
	26-36	---	---	---	---	---	---	-----	---				
	36	---	---	---	---	---	---	-----	---				
Rock outcrop.													
141*:													
Ratsnest-----	0-2	15-24	1.20-1.40	0.2-0.6	0.14-0.16	6.6-7.8	<2	Low-----	0.32	2	5	.5-1	
	2-25	35-45	1.20-1.40	0.06-0.2	0.16-0.19	7.4-8.4	<4	High-----	0.32				
	25-33	15-30	1.25-1.45	0.06-0.2	0.15-0.18	7.4-8.4	<2	Moderate	0.37				
	33-39	15-25	1.30-1.45	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-----	0.37				
	39	---	---	---	---	---	---	-----	---				
Ornea-----	0-3	16-24	1.45-1.55	0.6-2.0	0.13-0.15	7.4-8.4	<2	Low-----	0.37	2	5	.5-1	
	3-16	24-32	1.50-1.60	0.2-0.6	0.12-0.15	7.4-9.0	<4	Moderate	0.20				
	16-60	2-8	1.60-1.70	>20	0.02-0.04	7.9-9.0	<8	Low-----	0.02				
142*:													
Roca-----	0-6	18-27	1.30-1.45	0.6-2.0	0.14-0.16	6.6-7.8	<2	Low-----	0.32	2	6	1-2	
	6-22	35-50	1.25-1.45	<0.06	0.09-0.12	6.6-7.8	<2	Moderate	0.10				
	22	---	---	0.00-0.01	---	---	---	-----	---				
Freshwater-----	0-5	18-26	1.35-1.55	2.0-6.0	0.08-0.11	6.6-7.8	<2	Low-----	0.28	1	7	1-2	
	5-18	27-34	1.40-1.60	0.2-0.6	0.12-0.16	6.6-8.4	<2	Moderate	0.20				
	18-22	---	---	---	---	---	---	-----	---				
	22	---	---	---	---	---	---	-----	---				
143*:													
Rock outcrop.													
Xerollic													
Haplargids-----	0-6	12-26	1.45-1.60	0.6-2.0	0.08-0.14	6.6-7.8	<2	Low-----	0.20	1	7	1-2	
	6-12	20-32	1.55-1.70	0.2-2.0	0.10-0.20	6.6-9.0	<2	Moderate	0.28				
	12-60	2-15	1.55-1.70	>2.0	0.03-0.06	7.4-9.0	<2	Low-----	0.10				
144*:													
Rubbleland.													
Rock outcrop.													
Pachic													
Argixerolls----	0-20	16-26	1.30-1.50	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low-----	0.20	4	6	2-5	
	20-60	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permeability	Available water		Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility group	Organic matter
	In	Pct			In/hr	In/in				K	T		
145*:													
Salisbury-----	0-10	20-27	1.10-1.30	0.6-2.0	0.15-0.17	6.1-7.3	<2	Moderate	0.32	2	6	1-4	
	10-24	35-50	1.20-1.40	0.06-0.2	0.16-0.18	6.6-7.3	<2	High-----	0.37				
	24-30	20-30	1.10-1.30	0.6-2.0	0.12-0.17	6.6-7.3	<2	Moderate	0.32				
	30-46	---	---	---	---	---	---	---	---				
	46-60	---	---	---	---	---	---	---	---				
Gacey-----	0-4	18-25	1.10-1.30	0.6-2.0	0.10-0.13	6.1-7.3	<2	Low-----	0.28	1	7	1-3	
	4-9	27-35	1.20-1.30	0.2-0.6	0.12-0.15	6.1-7.3	<2	Moderate	0.32				
	9-16	40-50	1.30-1.50	0.06-0.2	0.07-0.10	6.1-7.3	<2	Moderate	0.24				
	16-21	---	---	---	0.	---	---	---	---				
	21-27	---	---	---	0.	---	---	---	---				
	27-60	4-10	1.50-1.60	>20	0.	6.1-7.3	<2	Low-----	0.05				
Barnard-----	0-6	18-25	1.10-1.30	0.6-2.0	0.19-0.21	6.1-7.3	<2	Low-----	0.37	2	6	1-3	
	6-11	27-35	1.30-1.40	0.6-2.0	0.19-0.21	6.6-7.8	<2	Moderate	0.37				
	11-23	35-50	1.35-1.50	0.06-0.2	0.14-0.17	6.6-7.8	<2	High-----	0.32				
	23-40	---	---	---	0.	---	---	---	---				
	40-60	10-15	1.30-1.50	2.0-6.0	0.	7.4-8.4	<2	Low-----	0.17				
146*:													
Saturday-----	0-9	10-22	1.10-1.30	0.6-2.0	0.11-0.15	5.6-6.5	<2	Low-----	0.17	3	8	3-10	
	9-24	22-35	1.40-1.60	0.6-2.0	0.08-0.09	5.6-6.5	<2	Moderate	0.15				
	24-56	12-25	1.50-1.60	0.6-2.0	0.05-0.09	5.6-6.5	<2	Low-----	0.10				
	56	---	---	---	---	---	---	---	---				
Mulshoe-----	0-9	15-20	1.30-1.45	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.10	2	7	1-3	
	9-21	28-35	1.20-1.40	0.2-0.6	0.08-0.10	6.1-7.3	<2	Moderate	0.24				
	21-24	---	---	---	---	---	---	---	---				
	24-28	---	---	---	---	---	---	---	---				
147-----													
Scism	0-6	12-18	1.20-1.40	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low-----	0.43	2	4L	1-2	
	6-21	12-18	1.20-1.40	0.6-2.0	0.18-0.21	7.9-9.0	<4	Low-----	0.55				
	21-34	---	---	---	---	---	---	---	---				
	34-60	12-18	1.50-1.60	0.6-2.0	0.16-0.21	7.9-9.0	2-8	Low-----	0.43				
148-----													
Scism	0-2	12-18	1.30-1.50	0.6-2.0	0.18-0.20	7.4-8.4	<2	Low-----	0.37	2	3	1-2	
	2-24	12-18	1.20-1.40	0.6-2.0	0.18-0.21	7.9-9.0	<4	Low-----	0.55				
	24-40	---	---	---	---	---	---	---	---				
	40-60	12-18	1.50-1.60	0.6-2.0	0.16-0.21	7.9-9.0	2-8	Low-----	0.43				
149*:													
Scism-----	0-2	12-18	1.30-1.50	0.6-2.0	0.18-0.20	7.4-8.4	<2	Low-----	0.37	2	3	1-2	
	2-24	12-18	1.20-1.40	0.6-2.0	0.18-0.21	7.9-9.0	<4	Low-----	0.55				
	24-40	---	---	---	---	---	---	---	---				
	40-60	12-18	1.50-1.60	0.6-2.0	0.16-0.21	7.9-9.0	2-8	Low-----	0.43				
Coonskin-----	0-3	14-20	1.20-1.40	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.43	2	6	1-2	
	3-7	14-22	1.30-1.50	0.2-0.6	0.14-0.18	7.4-9.0	<2	Low-----	0.43				
	7-22	5-14	1.40-1.65	2.0-6.0	0.06-0.11	>7.8	<4	Low-----	0.10				
	22-40	---	---	---	---	---	---	---	---				
	40-44	---	---	---	---	---	---	---	---				
150*:													
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4	
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	22	---	---	---	---	---	---	---	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct								K	T		
150*:													
Bregar-----	0-4	18-25	1.15-1.25	0.6-2.0	0.13-0.15	6.1-7.8	<2	Low-----	0.17	1	6	1-2	
	4-8	25-35	1.35-1.45	0.2-0.6	0.09-0.14	6.1-7.8	<2	Low-----	0.10				
	8	---	---	0.0-0.01	---	---	---	-----	---				
151*:													
Sharesnout-----	0-6	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.20	2	6	2-4	
	6-10	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	10-30	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	30-34	---	---	---	---	---	---	-----	---				
Bregar-----	0-4	18-25	1.15-1.25	0.6-2.0	0.13-0.15	6.1-7.8	<2	Low-----	0.17	1	6	1-2	
	4-8	25-35	1.35-1.45	0.2-0.6	0.09-0.14	6.1-7.8	<2	Low-----	0.10				
	8	---	---	0.0-0.01	---	---	---	-----	---				
Coser-----	0-4	20-27	1.20-1.40	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.24	2	6	2-4	
	4-19	40-55	1.30-1.50	<0.06	0.13-0.17	6.6-7.3	<2	High-----	0.20				
	19-31	35-45	1.30-1.50	0.06-0.2	0.13-0.18	6.6-8.4	<2	High-----	0.20				
	31	---	---	0.0-0.01	---	---	---	-----	---				
152*:													
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4	
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	22	---	---	---	---	---	---	-----	---				
Budlewis-----	0-9	18-26	1.20-1.35	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	1-3	
	9-24	37-55	1.20-1.40	0.06-0.2	0.14-0.20	6.6-7.8	<2	High-----	0.28				
	24-29	24-35	1.25-1.45	0.2-0.6	0.14-0.20	7.4-9.0	<4	Moderate	0.37				
	29-30	---	---	---	---	---	---	-----	---				
	30-34	---	---	---	---	---	---	-----	---				
153*:													
Sharesnout-----	0-6	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.20	2	6	2-4	
	6-10	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	10-30	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	30-34	---	---	---	---	---	---	-----	---				
Coser-----	0-4	20-27	1.20-1.40	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.24	2	6	2-4	
	4-19	40-55	1.30-1.50	<0.06	0.13-0.17	6.6-7.3	<2	High-----	0.20				
	19-31	35-45	1.30-1.50	0.06-0.2	0.13-0.18	6.6-8.4	<2	High-----	0.20				
	31	---	---	0.0-0.01	---	---	---	-----	---				
Threek-----	0-4	16-24	1.20-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.20	5	5	2-4	
	4-12	28-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10				
	12-24	40-55	1.30-1.50	0.06-0.2	0.06-0.09	6.6-7.8	<2	Moderate	0.05				
	24-60	7-14	1.45-1.65	6.0-20.0	0.04-0.07	6.6-8.4	<2	Low-----	0.05				
154*:													
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4	
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	22	---	---	---	---	---	---	-----	---				
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4	
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10				
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05				
	28	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
154*:													
Pixley-----	0-6	20-27	1.20-1.40	0.2-0.6	0.16-0.19	6.6-7.8	<2	Moderate	0.37	1	6	2-3	
	6-18	27-35	1.20-1.40	0.06-0.2	0.14-0.19	6.6-7.8	<2	Moderate	0.37				
	18-34	---	---	---	---	---	---	-----	----				
	34-60	5-15	1.35-1.55	2.0-6.0	0.07-0.10	6.6-8.4	<2	Low-----	0.17				
155-----													
Shoofly	0-7	20-27	1.35-1.45	0.6-2.0	0.14-0.16	7.4-9.0	<2	Low-----	0.20	1	6	.5-1	
	7-12	30-35	1.25-1.35	0.06-0.2	0.17-0.21	7.4-9.0	<2	High-----	0.24				
	12-14	---	---	---	---	---	---	-----	----				
	14-39	---	---	---	---	---	---	-----	----				
	39-60	0-5	1.45-1.65	>20	0.03-0.06	7.4-9.0	<2	Low-----	0.02				
156*:													
Snell-----	0-10	20-27	1.25-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.24	2	7	2-4	
	10-22	27-35	1.25-1.35	0.6-2.0	0.08-0.12	6.1-7.3	<2	Moderate	0.17				
	22-39	35-50	1.30-1.40	0.2-0.6	0.06-0.10	6.1-7.3	<2	High-----	0.10				
	39	---	---	---	---	---	---	-----	----				
Kiyi-----	0-8	20-26	1.35-1.45	0.6-2.0	0.13-0.17	6.1-7.3	<2	Moderate	0.24	3	6	2-4	
	8-25	28-38	1.40-1.55	0.2-0.6	0.10-0.15	5.6-6.5	<2	Moderate	0.20				
	25-40	40-55	1.40-1.55	<0.06	0.12-0.15	5.6-6.5	<2	High-----	0.15				
	40-60	35-55	1.40-1.60	<0.06	0.08-0.12	5.6-6.5	<2	Moderate	0.10				
157*:													
Snell-----	0-10	20-27	1.25-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.24	2	7	2-4	
	10-22	27-35	1.25-1.35	0.6-2.0	0.08-0.12	6.1-7.3	<2	Moderate	0.17				
	22-39	35-50	1.30-1.40	0.2-0.6	0.06-0.10	6.1-7.3	<2	High-----	0.10				
	39	---	---	---	---	---	---	-----	----				
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4	
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10				
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05				
	22	---	---	---	---	---	---	-----	----				
158*:													
Snowmore-----	0-3	16-24	1.20-1.35	0.6-2.0	0.15-0.18	6.6-7.8	<2	Low-----	0.37	2	6	1-2	
	3-11	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37				
	11-31	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10				
	31-36	---	---	0.0-0.01	---	---	---	-----	----				
	36	---	---	0.0-0.01	---	---	---	-----	----				
Igert-----	0-5	18-22	1.25-1.45	0.6-2.0	0.14-0.17	6.6-7.8	<2	Low-----	0.28	2	5	1-2	
	5-18	25-35	1.30-1.50	0.2-0.6	0.14-0.16	6.6-8.4	<2	Moderate	0.28				
	18-29	12-20	1.30-1.50	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.10				
	29-33	---	---	---	---	---	---	-----	----				
Bruncan-----	0-6	18-25	1.40-1.50	0.2-0.6	0.15-0.19	6.6-8.4	<2	Low-----	0.37	1	5	1-2	
	6-15	22-33	1.35-1.45	0.2-0.6	0.16-0.19	6.6-9.0	<2	Moderate	0.37				
	15-19	14-24	1.35-1.45	0.6-2.0	0.08-0.12	7.9-9.0	<2	Low-----	0.17				
	19-24	---	---	---	---	---	---	-----	----				
	24-28	---	---	---	---	---	---	-----	----				
159*:													
Snowmore-----	0-3	16-24	1.20-1.35	0.6-2.0	0.15-0.18	6.6-7.8	<2	Low-----	0.37	2	6	1-2	
	3-11	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37				
	11-31	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10				
	31-36	---	---	0.0-0.01	---	---	---	-----	----				
	36	---	---	0.0-0.01	---	---	---	-----	----				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							G/cc	In/hr		
159*:												
Troughs-----	0-2	22-26	1.20-1.50	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.20	1	7	1-2
	2-8	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	8-15	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	15-30	---	---	---	---	---	---	-----	---			
160*:												
Snowmore-----	0-4	16-24	1.20-1.35	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2
	4-13	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37			
	13-23	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10			
	23-28	---	---	0.0-0.01	---	---	---	-----	---			
	28-32	---	---	0.0-0.01	---	---	---	-----	---			
Willhill-----	0-5	18-25	1.25-1.45	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.20	2	5	1-2
	5-13	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15			
	13-28	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10			
	28-32	---	---	---	---	---	---	-----	---			
161*:												
Southmount-----	0-5	15-24	1.20-1.40	0.6-2.0	0.15-0.19	6.1-7.3	<2	Low-----	0.37	5	6	2-5
	5-13	20-27	1.25-1.45	0.2-0.6	0.14-0.19	5.6-6.5	<2	Moderate	0.37			
	13-42	27-35	1.25-1.45	0.2-0.6	0.15-0.19	5.1-6.5	<2	Moderate	0.28			
	42-60	8-18	1.35-1.65	2.0-6.0	0.07-0.10	5.1-6.0	<2	Low-----	0.20			
Booneville-----	0-5	14-24	1.35-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28	5	6	2-5
	5-14	14-24	1.35-1.40	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.28			
	14-30	22-32	1.30-1.40	0.2-0.6	0.09-0.13	5.6-6.5	<2	Moderate	0.15			
	30-60	25-35	1.30-1.45	0.2-0.6	0.08-0.10	5.6-6.5	<2	Moderate	0.10			
162*:												
Squawcreek-----	0-4	16-22	1.20-1.40	0.6-2.0	0.13-0.17	6.1-7.3	<2	Low-----	0.24	1	8	1-2
	4-12	30-40	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.28			
	12-18	40-55	1.15-1.35	0.06-0.2	0.16-0.18	6.1-7.3	<2	High-----	0.20			
	18	---	---	---	---	---	---	-----	---			
Avtable-----	0-4	15-25	1.30-1.50	0.6-2.0	0.12-0.14	6.1-7.3	<2	Low-----	0.20	1	6	1-2
	4-10	20-30	1.35-1.55	0.2-0.6	0.08-0.11	6.1-7.3	<2	Low-----	0.10			
	10-19	20-30	1.35-1.55	0.2-0.6	0.04-0.10	6.1-7.3	<2	Low-----	0.10			
	19	---	---	---	---	---	---	-----	---			
Wagonbox-----	0-5	20-25	1.40-1.50	0.6-2.0	0.10-0.13	6.1-7.3	<2	Low-----	0.15	1	8	1-2
	5-17	35-55	1.20-1.40	0.06-0.2	0.09-0.14	6.1-7.8	<2	High-----	0.10			
	17-18	---	---	---	---	---	---	-----	---			
	18-22	---	---	---	---	---	---	-----	---			
163*:												
Squawcreek-----	0-4	20-26	1.20-1.40	0.6-2.0	0.13-0.17	6.1-7.3	<2	Low-----	0.20	1	6	1-2
	4-14	30-40	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.28			
	14-19	40-55	1.15-1.35	0.06-0.2	0.16-0.18	6.1-7.3	<2	High-----	0.20			
	19-23	---	---	---	---	---	---	-----	---			
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	19	---	---	---	---	---	---	-----	---			
164*:												
Squawcreek-----	0-4	20-26	1.20-1.40	0.6-2.0	0.13-0.17	6.1-7.3	<2	Low-----	0.20	1	6	1-2
	4-14	30-40	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.28			
	14-19	40-55	1.15-1.35	0.06-0.2	0.16-0.18	6.1-7.3	<2	High-----	0.20			
	19-23	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
164*:													
Zecanyon-----	0-8	17-25	1.25-1.45	0.6-2.0	0.13-0.16	6.1-7.3	<2	Low-----	0.32	2	6	1-2	
	8-30	35-50	1.30-1.50	0.06-0.2	0.13-0.15	6.6-7.8	<2	High-----	0.17				
	30-34	---	---	---	---	---	---	-----	----				
165*:													
Strickland-----	0-14	15-23	1.40-1.50	0.6-2.0	0.15-0.18	5.1-6.5	<2	Low-----	0.32	2	6	4-8	
	14-29	18-27	1.50-1.60	0.6-2.0	0.11-0.15	5.1-6.5	<2	Moderate	0.28				
	29-33	---	---	0.0-0.01	---	---	---	-----	----				
Dehana-----	0-14	14-24	1.30-1.40	0.6-2.0	0.12-0.15	5.6-6.5	<2	Low-----	0.15	5	5	3-8	
	14-60	18-30	1.30-1.45	0.2-0.6	0.11-0.14	5.6-6.5	<2	Low-----	0.15				
Parkay-----	0-10	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4	
	10-35	24-27	1.40-1.50	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-----	0.17				
	35-45	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15				
	45-49	---	---	---	---	---	---	-----	----				
166*:													
Succor-----	0-5	20-27	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Moderate	0.20	1	6	2-4	
	5-22	35-50	1.25-1.45	0.06-0.2	0.15-0.18	6.6-7.8	<2	High-----	0.20				
	22-60	16-26	1.35-1.55	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low-----	0.17				
Gooding-----	0-7	15-24	1.20-1.40	0.6-2.0	0.15-0.17	6.6-7.3	<2	Low-----	0.37	4	5	1-3	
	7-30	35-55	1.40-1.60	<0.06	0.15-0.18	6.6-7.8	<2	High-----	0.24				
	30-57	27-35	1.40-1.50	0.06-0.2	0.14-0.18	7.4-8.4	<2	High-----	0.24				
	57-60	---	---	---	---	---	---	-----	----				
Deshler-----	0-15	18-24	1.10-1.30	0.2-0.6	0.17-0.19	6.1-7.3	<2	Moderate	0.49	2	5	1-3	
	15-39	35-60	1.40-1.60	0.06-0.2	0.14-0.20	6.6-7.8	<2	High-----	0.24				
	39-43	---	---	---	---	---	---	-----	----				
167-----													
Sugarcreek	0-4	16-23	1.10-1.30	0.6-2.0	0.11-0.14	6.6-7.8	<2	Low-----	0.24	2	5	1-2	
	4-21	18-25	1.15-1.35	0.6-2.0	0.08-0.11	7.4-8.4	<2	Low-----	0.17				
	21-39	5-18	1.30-1.50	6.0-20.0	0.03-0.06	>7.8	<4	Low-----	0.05				
	39	---	---	---	---	---	---	-----	----				
168*:													
Takeuchi-----	0-13	5-14	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.10	2	5	2-5	
	13-26	6-16	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17				
	26-34	---	---	---	---	---	---	-----	----				
	34	---	---	---	---	---	---	-----	----				
Earcree-----	0-34	10-18	1.40-1.50	2.0-6.0	0.10-0.13	5.6-6.5	<2	Low-----	0.10	5	3	3-6	
	34-60	5-15	1.30-1.50	2.0-6.0	0.05-0.12	6.1-7.3	<2	Low-----	0.10				
Rock outcrop.													
169*:													
Takeuchi-----	0-12	5-16	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.15	2	3	2-4	
	12-26	8-18	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17				
	26-36	---	---	---	---	---	---	-----	----				
	36	---	---	---	---	---	---	-----	----				
Kanlee-----	0-10	12-20	1.35-1.55	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.15	2	3	2-5	
	10-32	20-35	1.30-1.50	0.2-0.6	0.13-0.18	6.6-7.3	<2	Moderate	0.15				
	32-45	---	---	---	---	---	---	-----	----				
	45-49	---	---	---	---	---	---	-----	----				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							G/cc	In/hr		
169*:												
Poisoncreek-----	0-3	14-20	1.35-1.55	2.0-6.0	0.07-0.10	6.6-7.3	<2	Low-----	0.10	1	3	2-4
	3-6	24-34	1.30-1.50	0.6-2.0	0.08-0.13	6.6-7.3	<2	Moderate	0.10			
	6-12	20-32	1.35-1.55	0.6-2.0	0.05-0.09	6.6-7.3	<2	Low-----	0.05			
	12-16	---	---	---	---	---	---	-----	---			
	16	---	---	---	---	---	---	-----	---			
170*:												
Takeuchi-----	0-12	5-16	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.15	2	3	2-4
	12-26	8-18	1.60-1.70	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17			
	26-36	---	---	---	---	---	---	-----	---			
	36	---	---	---	---	---	---	-----	---			
Quicksilver-----	0-4	6-13	1.40-1.60	2.0-6.0	0.09-0.11	6.1-7.3	<2	Low-----	0.10	1	6	1-3
	4-15	6-16	1.40-1.60	2.0-6.0	0.09-0.13	6.1-7.3	<2	Low-----	0.15			
	15-18	3-10	1.40-1.60	6.0-20	0.04-0.07	6.1-7.3	<2	Low-----	0.10			
	18	---	---	---	---	---	---	-----	---			
171-----												
Tanner	0-3	20-26	1.10-1.30	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	2-3
	3-10	30-38	1.20-1.35	0.2-0.6	0.14-0.20	6.1-7.3	<2	Moderate	0.37			
	10-20	40-48	1.35-1.60	0.06-0.2	0.13-0.20	6.6-7.3	<2	High-----	0.24			
	20-36	16-26	1.20-1.35	0.6-2.0	0.13-0.17	7.4-8.4	<4	Low-----	0.28			
	36-51	---	---	---	---	---	---	-----	---			
	51-55	---	---	---	---	---	---	-----	---			
172*:												
Tanner-----	0-4	20-26	1.10-1.30	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	2-3
	4-11	30-38	1.20-1.35	0.2-0.6	0.14-0.20	6.1-7.3	<2	Moderate	0.37			
	11-16	40-48	1.35-1.60	0.06-0.2	0.13-0.20	6.6-7.3	<2	High-----	0.24			
	16-21	16-26	1.20-1.35	0.6-2.0	0.13-0.17	7.4-8.4	<4	Low-----	0.28			
	21-42	---	---	---	---	---	---	-----	---			
	42-46	---	---	---	---	---	---	-----	---			
Dishpan-----	0-4	18-25	1.30-1.50	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.32	2	6	2-3
	4-16	27-35	1.35-1.50	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.37			
	16-28	10-18	1.40-1.55	2.0-6.0	0.06-0.08	7.9-9.0	<2	Low-----	0.10			
	28	---	---	---	---	---	---	-----	---			
173*:												
Thacker-----	0-3	17-24	1.20-1.40	0.6-2.0	0.14-0.18	6.1-7.3	<2	Low-----	0.32	2	6	1-2
	3-12	20-27	1.20-1.40	0.2-0.6	0.14-0.18	6.1-7.3	<2	Low-----	0.37			
	12-26	40-55	1.20-1.40	<0.06	0.15-0.18	6.1-7.8	<2	High-----	0.20			
	26-39	24-30	1.45-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.24			
	39-56	---	---	---	---	---	---	-----	---			
	56-60	5-15	1.55-1.65	6.0-20	0.05-0.10	7.4-7.8	<2	Low-----	0.15			
Cleavage-----	0-9	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	8	1-3
	9-16	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	16-20	---	---	0.0-0.01	---	---	---	-----	---			
Bigflat-----	0-9	14-20	1.20-1.40	0.2-0.6	0.13-0.18	6.1-7.8	<2	Low-----	0.37	2	5	2-4
	9-19	40-55	1.15-1.35	<0.06	0.11-0.17	6.6-8.4	<2	High-----	0.24			
	19-48	14-24	1.35-1.50	0.6-2.0	0.08-0.16	7.9-9.0	<2	Low-----	0.20			
	48-60	4-14	1.35-1.50	6.0-20	0.03-0.07	7.9-9.0	<2	Low-----	0.10			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct
174*:												
Thacker-----	0-3	17-24	1.20-1.40	0.6-2.0	0.14-0.18	6.1-7.3	<2	Low-----	0.32	2	6	1-2
	3-12	20-27	1.20-1.40	0.2-0.6	0.14-0.18	6.1-7.3	<2	Low-----	0.37			
	12-26	40-55	1.20-1.40	<0.06	0.15-0.18	6.1-7.8	<2	High-----	0.20			
	26-39	24-30	1.45-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.24			
	39-56	---	---	---	---	---	---	---	---			
	56-60	5-15	1.55-1.65	6.0-20	0.05-0.10	7.4-7.8	<2	Low-----	0.15			
Cleavage-----	0-5	15-25	1.15-1.35	0.6-2.0	0.12-0.14	6.6-7.8	<2	Low-----	0.10	1	7	1-3
	5-15	20-35	1.25-1.45	0.2-0.6	0.10-0.12	6.6-7.8	<2	Low-----	0.10			
	15-19	---	---	0.0-0.01	---	---	---	---	---			
Sharesnout-----	0-4	20-27	1.20-1.40	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.17	2	6	2-4
	4-15	27-38	1.25-1.45	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	0.10			
	15-22	35-55	1.35-1.55	0.06-0.2	0.03-0.05	6.6-7.8	<2	Moderate	0.05			
	22	---	---	---	---	---	---	---	---			
175*:												
Thacker-----	0-3	17-24	1.20-1.40	0.6-2.0	0.14-0.18	6.1-7.3	<2	Low-----	0.32	2	6	1-2
	3-12	20-27	1.20-1.40	0.2-0.6	0.14-0.18	6.1-7.3	<2	Low-----	0.37			
	12-26	40-55	1.20-1.40	<0.06	0.15-0.18	6.1-7.8	<2	High-----	0.20			
	26-39	24-30	1.45-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.24			
	39-56	---	---	---	---	---	---	---	---			
	56-60	5-15	1.55-1.65	6.0-20	0.05-0.10	7.4-7.8	<2	Low-----	0.15			
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	---	---			
Cleavage-----	0-5	15-25	1.15-1.35	0.6-2.0	0.12-0.14	6.6-7.8	<2	Low-----	0.10	1	7	1-3
	5-15	20-35	1.25-1.45	0.2-0.6	0.10-0.12	6.6-7.8	<2	Low-----	0.10			
	15-19	---	---	0.0-0.01	---	---	---	---	---			
176*:												
Threek-----	0-7	18-24	1.20-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.20	5	5	2-4
	7-13	28-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10			
	13-31	40-55	1.30-1.50	0.06-0.2	0.06-0.09	6.6-7.8	<2	Moderate	0.05			
	31-60	7-14	1.45-1.65	6.0-20.0	0.04-0.07	6.6-8.4	<2	Low-----	0.05			
Barkley-----	0-4	18-25	1.10-1.20	0.6-2.0	0.13-0.16	6.6-7.3	<2	Low-----	0.28	5	6	2-4
	4-15	27-35	1.20-1.35	0.6-2.0	0.13-0.18	6.6-7.3	<2	Moderate	0.24			
	15-37	10-18	1.30-1.40	2.0-6.0	0.08-0.10	6.6-7.8	<2	Low-----	0.17			
	37-60	10-18	1.60-1.70	<0.06	0.06-0.09	6.6-7.8	<2	Low-----	0.15			
Blackleg-----	0-8	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.20	2	6	2-4
	8-13	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15			
	13-29	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10			
	29-42	---	---	---	---	---	---	---	---			
177*:												
Threek-----	0-7	18-24	1.20-1.35	0.6-2.0	0.11-0.14	6.1-7.3	<2	Low-----	0.20	5	5	2-4
	7-13	28-40	1.30-1.45	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.10			
	13-31	40-55	1.30-1.50	0.06-0.2	0.06-0.09	6.6-7.8	<2	Moderate	0.05			
	31-60	7-14	1.45-1.65	6.0-20.0	0.04-0.07	6.6-8.4	<2	Low-----	0.05			
Blackleg-----	0-8	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.20	2	6	2-4
	8-13	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15			
	13-29	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10			
	29-42	---	---	---	---	---	---	---	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction pH	Salinity mmhos/cm	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							G/cc	In/hr		
177*:												
Hatpeak-----	0-6	15-25	1.10-1.30	0.6-2.0	0.15-0.17	6.1-7.3	<2	Moderate	0.32	2	5	1-3
	6-26	35-50	1.25-1.45	0.06-0.2	0.14-0.18	6.6-7.8	<2	High-----	0.24			
	26-60	---	---	0.0-0.01	---	---	---	-----	-----			
178*:												
Tindahay-----	0-14	5-10	1.40-1.55	6.0-20	0.08-0.10	6.6-7.8	<2	Low-----	0.28	3	2	.6-1
	14-24	10-15	1.35-1.45	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.28			
	24-42	0-8	1.40-1.55	>20	0.05-0.08	6.6-7.8	<2	Low-----	0.15			
	42-60	0-8	1.45-1.60	>20	0.03-0.06	6.6-8.4	<4	Low-----	0.10			
Royal-----	0-4	12-18	1.25-1.40	0.6-2.0	0.17-0.19	7.4-9.0	<2	Low-----	0.37	5	3	.5-1
	4-60	5-15	1.50-1.60	2.0-6.0	0.13-0.16	7.4-9.0	<2	Low-----	0.32			
Badlands.												
179*:												
Troughs-----	0-2	14-20	1.20-1.50	0.6-6.0	0.11-0.15	7.4-8.4	<2	Low-----	0.24	1	5	1-2
	2-6	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	6-12	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	12-20	---	---	---	---	---	---	-----	-----			
Arbidge-----	0-4	15-25	1.40-1.50	0.2-0.6	0.15-0.18	6.6-7.3	<2	Low-----	0.49	2	5	1-3
	4-20	20-34	1.40-1.50	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	0.20			
	20-34	15-25	1.40-1.50	0.6-2.0	0.09-0.15	7.4-9.0	2-4	Low-----	0.20			
	34-36	---	---	---	---	---	---	-----	-----			
	36-60	0-5	1.60-1.70	>20.0	0.03-0.05	6.6-9.0	<4	Low-----	0.02			
180*:												
Troughs-----	0-2	22-26	1.20-1.50	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.20	1	7	1-2
	2-8	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	8-15	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	15-30	---	---	---	---	---	---	-----	-----			
Jenor-----	0-5	8-18	1.35-1.55	0.6-2.0	0.15-0.17	7.9-9.0	<4	Low-----	0.43	2	3	<.5
	5-21	8-18	1.30-1.50	2.0-6.0	0.10-0.13	7.9-9.0	<4	Low-----	0.32			
	21-60	---	---	0.0-0.01	---	---	---	-----	-----			
Laped-----	0-8	18-25	1.50-1.60	0.2-0.6	0.12-0.16	7.9-8.4	<2	Low-----	0.32	1	6	.5-1
	8-16	27-35	1.50-1.65	0.2-0.6	0.12-0.16	7.9-9.0	<2	Moderate	0.37			
	16-19	15-23	1.55-1.70	0.6-2.0	0.11-0.15	>8.4	<4	Low-----	0.32			
	19-22	---	---	0.0-0.01	---	---	---	-----	-----			
	22	---	---	0.0-0.01	---	---	---	-----	-----			
181*:												
Troughs-----	0-2	22-26	1.20-1.50	0.2-0.6	0.15-0.18	7.4-8.4	<2	Low-----	0.20	1	7	1-2
	2-8	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	8-15	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	15-30	---	---	---	---	---	---	-----	-----			
Owsel-----	0-6	10-20	1.45-1.55	0.6-2.0	0.15-0.17	6.6-7.8	<2	Low-----	0.49	5	5	1-3
	6-15	28-35	1.45-1.55	0.2-0.6	0.15-0.18	6.6-7.8	<2	Moderate	0.43			
	15-18	10-20	1.45-1.55	0.2-0.6	0.14-0.16	7.9-9.0	<4	Low-----	0.49			
	18-60	10-15	1.50-1.60	2.0-6.0	0.10-0.12	7.9-9.0	<4	Low-----	0.43			
182*:												
Troughs-----	0-2	14-20	1.20-1.50	0.6-6.0	0.11-0.15	7.4-8.4	<2	Low-----	0.24	1	5	1-2
	2-6	27-35	1.35-1.55	0.2-0.6	0.10-0.14	7.4-9.0	<2	Moderate	0.17			
	6-12	18-32	1.40-1.60	0.2-2.0	0.04-0.10	>7.8	<2	Low-----	0.10			
	12-20	---	---	---	---	---	---	-----	-----			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
182*: Sugarcreek-----	0-3	16-23	1.10-1.30	0.6-2.0	0.10-0.13	6.6-7.8	<2	Low-----	0.20	2	6	1-2	
	3-8	18-25	1.15-1.35	0.6-2.0	0.08-0.11	7.4-8.4	<2	Low-----	0.17				
	8-28	5-18	1.30-1.50	6.0-20.0	0.03-0.06	>7.8	<4	Low-----	0.05				
	28-32	---	---	---	---	---	---	-----	---				
183*: Tucker-----	0-5	20-27	1.15-1.30	0.6-2.0	0.18-0.21	6.6-7.8	<2	Low-----	0.43	5	6	2-4	
	5-16	27-39	1.20-1.40	0.2-0.6	0.19-0.21	6.6-7.8	<2	Moderate	0.43				
	16-32	30-50	1.40-1.50	0.06-0.2	0.15-0.17	6.6-7.8	<2	High-----	0.43				
	32-60	27-40	1.40-1.50	0.2-0.6	0.18-0.21	6.6-8.4	<4	High-----	0.43				
Zola-----	0-4	15-25	1.15-1.35	0.2-0.6	0.17-0.19	6.6-7.3	<2	Moderate	0.37	5	5	2-4	
	4-13	26-36	1.10-1.30	0.2-0.6	0.19-0.21	7.4-8.4	<4	Moderate	0.32				
	13-60	25-40	1.30-1.50	0.2-0.6	0.19-0.21	6.6-8.4	<2	High-----	0.28				
184*: Typic Haploxerolls---	0-3	5-12	1.25-1.60	6.0-20.0	0.04-0.06	6.1-7.3	<2	Low-----	0.05	2	2	2-4	
	3-22	7-27	1.30-1.65	2.0-6.0	0.05-0.14	6.1-7.3	<2	Low-----	0.10				
	22	---	---	---	---	---	---	-----	---				
Pachic Argixerolls---	0-20	16-26	1.30-1.50	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low-----	0.20	4	6	2-5	
	20-60	---	---	---	---	---	---	-----	---				
Badlands.													
185*: Typic Torripsamments-	0-4	5-10	1.65-1.70	>6.0	0.06-0.08	7.4-8.4	<2	Low-----	0.24	4	2	.5-1	
	4-60	2-8	1.65-1.70	>20	0.04-0.08	7.4-8.4	<4	Low-----	0.10				
Typic Torrifluvents--	0-8	8-18	1.40-1.50	2.0-6.0	0.09-0.11	6.6-7.8	<2	Low-----	0.20	5	3	.7-2	
	8-60	2-18	1.40-1.65	>6.0	0.03-0.10	7.4-9.0	<4	Low-----	0.10				
186*: Typic Torripsamments-	0-4	5-10	1.65-1.70	>6.0	0.06-0.08	7.4-8.4	<2	Low-----	0.24	4	2	.5-1	
	4-60	2-8	1.65-1.70	>20	0.04-0.08	7.4-8.4	<4	Low-----	0.10				
Typic Torriorthents--	0-8	8-18	1.45-1.60	2.0-6.0	0.09-0.12	7.4-9.0	<4	Low-----	0.28	2	3	<.5	
	8-21	---	---	---	---	---	---	-----	---				
	21-25	---	---	---	---	---	---	-----	---				
187*: Upcreek-----	0-5	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.32	3	6	2-5	
	5-29	20-30	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.32				
	29-60	2-8	1.35-1.60	6.0-20	0.05-0.07	6.1-7.3	<2	Low-----	0.05				
Riverwash.													
188*: Vickery-----	0-4	15-20	1.15-1.35	0.6-2.0	0.19-0.21	6.6-8.4	<2	Low-----	0.49	2	5	1-2	
	4-12	18-27	1.20-1.40	0.6-2.0	0.19-0.21	6.6-8.4	<2	Low-----	0.49				
	12-25	18-22	1.25-1.50	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-----	0.43				
	25-40	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
	In	Pct							K	T		
188*:												
Snowmore-----	0-8	16-24	1.20-1.35	0.6-2.0	0.13-0.17	6.6-7.8	<2	Low-----	0.32	2	5	1-2
	8-19	20-35	1.30-1.50	0.2-0.6	0.14-0.18	7.4-8.4	<2	Moderate	0.37			
	19-34	10-20	1.40-1.60	2.0-6.0	0.07-0.11	7.9-9.0	<4	Low-----	0.10			
	34-38	---	---	0.0-0.01	---	---	---	-----	---			
	38-42	---	---	0.0-0.01	---	---	---	-----	---			
189*:												
Vipont-----	0-10	14-24	1.30-1.45	0.6-2.0	0.10-0.14	6.1-7.3	<2	Low-----	0.20	2	6	3-5
	10-21	28-32	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.8	<2	Moderate	0.20			
	21-36	28-35	1.40-1.55	0.2-0.6	0.06-0.10	6.6-7.8	<2	Moderate	0.10			
	36-40	---	---	---	---	---	---	-----	---			
Bauscher-----	0-8	12-18	1.35-1.50	2.0-6.0	0.10-0.12	5.6-7.3	<2	Low-----	0.17	3	3	2-5
	8-30	18-30	1.50-1.60	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	0.28			
	30-42	10-15	1.55-1.65	2.0-6.0	0.09-0.13	5.6-7.3	<2	Low-----	0.17			
	42-46	---	---	---	---	---	---	-----	---			
190-----												
Vitale-----	0-5	15-27	1.40-1.50	0.6-2.0	0.08-0.10	6.1-7.3	<2	Low-----	0.10	2	8	2-4
	5-28	28-35	1.30-1.40	0.2-0.6	0.08-0.13	6.1-7.3	<2	Moderate	0.15			
	28-34	15-27	1.35-1.50	0.6-2.0	0.07-0.11	6.1-7.3	<2	Low-----	0.10			
	34	---	---	---	---	---	---	-----	---			
191*:												
Vitale-----	0-5	15-27	1.40-1.50	0.6-2.0	0.08-0.10	6.1-7.3	<2	Low-----	0.10	2	8	2-4
	5-28	28-35	1.30-1.40	0.2-0.6	0.08-0.13	6.1-7.3	<2	Moderate	0.15			
	28-34	15-27	1.35-1.50	0.6-2.0	0.07-0.11	6.1-7.3	<2	Low-----	0.10			
	34	---	---	---	---	---	---	-----	---			
Cleavage-----	0-9	18-27	1.15-1.35	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.10	1	8	1-3
	9-16	27-35	1.25-1.45	0.2-0.6	0.08-0.12	6.6-7.3	<2	Moderate	0.10			
	16-20	---	---	0.0-0.01	---	---	---	-----	---			
Bauscher-----	0-8	12-18	1.35-1.50	2.0-6.0	0.10-0.12	5.6-7.3	<2	Low-----	0.17	3	3	2-5
	8-30	18-30	1.50-1.60	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	0.28			
	30-42	10-15	1.55-1.65	2.0-6.0	0.09-0.13	5.6-7.3	<2	Low-----	0.17			
	42-46	---	---	---	---	---	---	-----	---			
192*:												
Vitale-----	0-5	15-27	1.40-1.50	0.6-2.0	0.08-0.12	6.1-7.3	<2	Low-----	0.15	2	7	2-4
	5-29	28-35	1.30-1.40	0.2-0.6	0.08-0.13	6.1-7.3	<2	Moderate	0.15			
	29-33	---	---	---	---	---	---	-----	---			
Itca-----	0-4	16-22	1.15-1.30	0.6-2.0	0.08-0.11	6.6-7.3	0-0	Low-----	0.15	1	8	1-3
	4-16	35-45	1.25-1.45	0.06-0.2	0.08-0.12	6.6-8.4	0-2	Moderate	0.10			
	16-20	---	---	---	---	---	---	-----	---			
Rubbleland.												
193*:												
Vitale-----	0-5	15-27	1.40-1.50	0.6-2.0	0.08-0.10	6.1-7.3	<2	Low-----	0.10	2	8	2-4
	5-28	28-35	1.30-1.40	0.2-0.6	0.08-0.13	6.1-7.3	<2	Moderate	0.15			
	28-34	15-27	1.35-1.50	0.6-2.0	0.07-0.11	6.1-7.3	<2	Low-----	0.10			
	34	---	---	---	---	---	---	-----	---			
Mulshoe-----	0-9	15-20	1.30-1.45	2.0-6.0	0.08-0.11	6.1-7.3	<2	Low-----	0.10	2	7	1-3
	9-21	28-35	1.20-1.40	0.2-0.6	0.08-0.10	6.1-7.3	<2	Moderate	0.24			
	21-24	---	---	---	---	---	---	-----	---			
	24-28	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
193*:													
Itca-----	0-4	16-22	1.15-1.30	0.6-2.0	0.08-0.11	6.6-7.3	0-0	Low-----	0.15	1	8	1-3	
	4-16	35-45	1.25-1.45	0.06-0.2	0.08-0.12	6.6-8.4	0-2	Moderate	0.10				
	16-20	---	---	---	---	---	---	-----	---				
194*:													
Vitale-----	0-5	15-27	1.40-1.50	0.6-2.0	0.08-0.10	6.1-7.3	<2	Low-----	0.10	2	8	2-4	
	5-28	28-35	1.30-1.40	0.2-0.6	0.08-0.13	6.1-7.3	<2	Moderate	0.15				
	28-34	15-27	1.35-1.50	0.6-2.0	0.07-0.11	6.1-7.3	<2	Low-----	0.10				
	34	---	---	---	---	---	---	-----	---				
Rock outcrop.													
195*:													
Wagonbox-----	0-5	20-25	1.40-1.50	0.6-2.0	0.10-0.13	6.1-7.3	<2	Low-----	0.15	1	8	1-2	
	5-17	35-55	1.20-1.40	0.06-0.2	0.09-0.14	6.1-7.8	<2	High-----	0.10				
	17-18	---	---	---	---	---	---	-----	---				
	18-22	---	---	---	---	---	---	-----	---				
Deunah-----	0-4	15-27	1.20-1.40	0.6-2.0	0.16-0.20	5.6-7.3	<2	Moderate	0.43	2	6	1-2	
	4-9	18-35	1.30-1.50	0.2-0.6	0.18-0.20	6.1-7.3	<2	Moderate	0.43				
	9-27	60-70	1.25-1.45	<0.06	0.12-0.15	6.6-7.8	<2	High-----	0.20				
	27-30	---	---	---	---	---	---	-----	---				
Hatpeak-----	0-6	15-25	1.10-1.30	0.6-2.0	0.15-0.17	6.1-7.3	<2	Moderate	0.32	2	5	1-3	
	6-26	35-50	1.25-1.45	0.06-0.2	0.14-0.18	6.6-7.8	<2	High-----	0.24				
	26-60	---	---	0.0-0.01	---	---	---	-----	---				
196*:													
Wareagle-----	0-7	14-22	1.30-1.50	0.6-2.0	0.09-0.11	6.1-7.3	<2	Low-----	0.15	5	8	2-5	
	7-15	18-25	1.30-1.50	0.6-2.0	0.08-0.11	5.6-6.5	<2	Low-----	0.15				
	15-60	12-22	1.35-1.55	0.6-6.0	0.05-0.09	5.6-6.5	<2	Low-----	0.05				
Povey-----	0-6	10-18	1.20-1.40	0.6-2.0	0.10-0.12	6.1-7.3	<2	Low-----	0.15	4	5	2-4	
	6-32	10-18	1.20-1.40	0.6-2.0	0.09-0.12	6.1-7.8	<2	Low-----	0.15				
	32-60	8-18	1.25-1.45	2.0-6.0	0.05-0.07	6.6-7.8	<2	Low-----	0.10				
197*:													
Weash-----	0-3	10-20	1.10-1.30	0.6-2.0	0.14-0.16	6.6-7.8	<2	Low-----	0.32	1	5	1-3	
	3-12	20-30	1.10-1.15	0.2-0.6	0.13-0.19	6.6-8.4	<2	Low-----	0.32				
	12-60	---	---	---	---	---	---	-----	---				
Ruclick-----	0-5	20-27	1.20-1.40	0.6-2.0	0.11-0.15	6.1-7.8	<2	Low-----	0.20	2	7	1-3	
	5-29	35-50	1.25-1.45	0.06-0.2	0.08-0.12	6.6-8.4	<2	High-----	0.10				
	29-33	---	---	---	---	---	---	-----	---				
198*:													
Weash-----	0-3	10-20	1.10-1.30	0.6-2.0	0.14-0.16	6.6-7.8	<2	Low-----	0.32	1	5	1-3	
	3-12	20-30	1.10-1.15	0.2-0.6	0.13-0.19	6.6-8.4	<2	Low-----	0.32				
	12-60	---	---	---	---	---	---	-----	---				
Schnipper-----	0-12	15-20	1.20-1.40	0.6-2.0	0.18-0.20	6.6-7.3	<2	Low-----	0.37	2	5	1-3	
	12-26	26-35	1.30-1.45	0.2-0.6	0.16-0.19	7.4-7.8	<2	Moderate	0.32				
	26-36	18-30	1.35-1.60	0.2-0.6	0.15-0.18	7.9-9.0	<4	Moderate	0.43				
	36-60	---	---	---	---	---	---	-----	---				
199-----													
Welch	0-9	15-20	1.25-1.40	0.6-2.0	0.16-0.18	6.1-7.3	<2	Low-----	0.32	5	8	2-4	
	9-60	27-35	1.30-1.45	0.2-0.6	0.16-0.21	6.1-7.8	<2	Moderate	0.28				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
200*:												
Welch-----	0-9	15-20	1.25-1.40	0.6-2.0	0.16-0.18	6.1-7.3	<2	Low-----	0.32	5	8	2-4
	9-60	27-35	1.30-1.45	0.2-0.6	0.16-0.21	6.1-7.8	<2	Moderate	0.28			
Upcreek-----	0-5	18-26	1.20-1.40	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.32	3	6	2-5
	5-29	20-30	1.20-1.40	0.2-0.6	0.15-0.18	6.1-7.3	<2	Moderate	0.32			
	29-60	2-8	1.35-1.60	6.0-20	0.05-0.07	6.1-7.3	<2	Low-----	0.05			
201*:												
Wickahoney-----	0-4	20-25	1.40-1.50	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.10	1	8	1-2
	4-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-20	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	20-24	---	---	---	---	---	---	-----	---			
Blackleg-----	0-13	16-26	1.40-1.50	0.6-2.0	0.12-0.16	6.1-7.3	<2	Low-----	0.24	2	7	2-4
	13-23	28-45	1.20-1.40	0.06-0.2	0.12-0.16	6.1-7.3	<2	Moderate	0.15			
	23-36	35-60	1.20-1.40	0.06-0.2	0.09-0.12	6.6-7.8	<2	High-----	0.10			
	36-50	---	---	---	---	---	---	-----	---			
Thacker-----	0-3	17-24	1.20-1.40	0.6-2.0	0.14-0.18	6.1-7.3	<2	Low-----	0.32	2	6	1-2
	3-12	20-27	1.20-1.40	0.2-0.6	0.14-0.18	6.1-7.3	<2	Low-----	0.37			
	12-26	40-55	1.20-1.40	<0.06	0.15-0.18	6.1-7.8	<2	High-----	0.20			
	26-39	24-30	1.45-1.60	0.2-0.6	0.13-0.18	6.6-8.4	<2	Moderate	0.24			
	39-56	---	---	---	---	---	---	-----	---			
	56-60	5-15	1.55-1.65	6.0-20	0.05-0.10	7.4-7.8	<2	Low-----	0.15			
202*:												
Wickahoney-----	0-4	20-25	1.40-1.50	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.10	1	8	1-2
	4-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-20	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	20-24	---	---	---	---	---	---	-----	---			
Budlewis-----	0-9	18-26	1.20-1.35	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-----	0.43	2	6	1-3
	9-24	37-55	1.20-1.40	0.06-0.2	0.14-0.20	6.6-7.8	<2	High-----	0.28			
	24-29	24-35	1.25-1.45	0.2-0.6	0.14-0.20	7.4-9.0	<4	Moderate	0.37			
	29-30	---	---	---	---	---	---	-----	---			
	30-34	---	---	---	---	---	---	-----	---			
203*:												
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	19	---	---	---	---	---	---	-----	---			
Doodlelink-----	0-6	15-20	1.10-1.25	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.17	5	5	2-4
	6-25	15-30	1.15-1.35	0.2-0.6	0.06-0.12	6.6-7.3	<2	Low-----	0.10			
	25-60	18-35	1.25-1.40	0.2-0.6	0.06-0.14	6.6-7.3	<2	Low-----	0.05			
204*:												
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20			
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10			
	19	---	---	---	---	---	---	-----	---			
Monasterio-----	0-11	11-18	1.20-1.35	2.0-6.0	0.07-0.10	5.6-7.3	<2	Low-----	0.17	2	5	2-4
	11-25	18-30	1.25-1.40	0.6-2.0	0.06-0.11	6.1-7.3	<2	Moderate	0.10			
	25-28	18-32	1.35-1.55	0.6-2.0	0.04-0.08	6.1-7.3	<2	Moderate	0.05			
	28	---	---	---	---	---	---	-----	---			

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Erosion factors		Wind erodibility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm		K	T	group	Pct	
204*:													
Yatahoney-----	0-9	20-25	1.20-1.40	0.6-2.0	0.15-0.18	6.1-7.3	<2	Low-----	0.43	2	6	1-2	
	9-22	25-35	1.30-1.50	0.2-0.6	0.13-0.18	6.1-7.8	<2	Moderate	0.32				
	22-26	40-55	1.25-1.45	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-----	0.28				
	26-38	---	---	---	---	---	---	-----	---				
	38	---	---	---	---	---	---	-----	---				
205*:													
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2	
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20				
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10				
	19	---	---	---	---	---	---	-----	---				
Parkay-----	0-8	12-24	1.35-1.50	0.6-2.0	0.11-0.14	6.6-7.3	<2	Low-----	0.20	4	5	2-4	
	8-24	27-35	1.40-1.50	0.2-0.6	0.09-0.12	6.6-7.3	<2	Low-----	0.15				
	24-48	20-27	1.45-1.55	0.6-2.0	0.08-0.11	6.6-7.3	<2	Low-----	0.15				
	48-52	---	---	---	---	---	---	-----	---				
Bregar-----	0-4	18-25	1.15-1.25	0.6-2.0	0.13-0.15	6.1-7.8	<2	Low-----	0.17	1	6	1-2	
	4-8	25-35	1.35-1.45	0.2-0.6	0.09-0.14	6.1-7.8	<2	Low-----	0.10				
	8	---	---	0.0-0.01	---	---	---	-----	---				
206*:													
Wickahoney-----	0-4	20-25	1.40-1.50	0.6-2.0	0.08-0.13	6.1-7.3	<2	Low-----	0.10	1	8	1-2	
	4-11	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20				
	11-15	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10				
	15-19	---	---	---	---	---	---	-----	---				
Wagonbox-----	0-3	20-25	1.40-1.50	0.6-2.0	0.10-0.13	6.1-7.3	<2	Low-----	0.15	1	8	1-2	
	3-14	35-55	1.20-1.40	0.06-0.2	0.09-0.14	6.1-7.8	<2	High-----	0.10				
	14-21	---	---	---	---	---	---	-----	---				
	21-25	---	---	---	---	---	---	-----	---				
Rubbleland.													
207*:													
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2	
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20				
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10				
	19	---	---	---	---	---	---	-----	---				
Zecanyon-----	0-10	18-25	1.25-1.45	0.6-2.0	0.11-0.13	6.1-7.3	<2	Low-----	0.24	2	6	1-2	
	10-24	35-50	1.30-1.50	0.06-0.2	0.13-0.15	6.6-7.8	<2	High-----	0.17				
	24-37	22-32	1.35-1.55	0.2-0.6	0.06-0.08	6.6-8.4	<2	Moderate	0.05				
	37	---	---	---	---	---	---	-----	---				
208*:													
Wickahoney-----	0-5	16-20	1.40-1.50	0.6-2.0	0.13-0.15	6.1-7.3	<2	Low-----	0.20	1	5	1-2	
	5-12	25-35	1.45-1.55	0.2-0.6	0.12-0.14	6.1-7.8	<2	Moderate	0.20				
	12-19	35-55	1.20-1.40	0.06-0.2	0.08-0.14	6.1-7.8	<2	High-----	0.10				
	19	---	---	---	---	---	---	-----	---				
Zecanyon-----	0-9	16-22	1.25-1.45	0.6-2.0	0.14-0.16	6.1-7.3	<2	Low-----	0.37	2	5	1-2	
	9-20	35-50	1.30-1.50	0.06-0.2	0.13-0.15	6.6-7.8	<2	High-----	0.17				
	20-28	22-32	1.35-1.55	0.2-0.6	0.06-0.08	6.6-8.4	<2	Moderate	0.05				
	28-32	---	---	---	---	---	---	-----	---				
Hat-----	0-5	16-20	1.40-1.50	0.6-2.0	0.10-0.14	5.6-7.3	<2	Low-----	0.20	2	5	1-3	
	5-19	24-35	1.40-1.50	0.2-0.6	0.11-0.13	5.6-7.3	<2	Moderate	0.15				
	19-24	24-32	1.45-1.55	0.2-0.6	0.07-0.09	5.6-7.3	<2	Moderate	0.05				
	24	---	---	---	---	---	---	-----	---				

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility group	Organic matter Pct
									K	T		
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm					
209*:												
Willhill-----	0-3	18-25	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.17	2	5	1-2
	3-10	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15			
	10-22	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10			
	22	---	---	---	---	---	---	-----	---			
Bedstead-----	0-11	20-27	1.40-1.50	0.2-0.6	0.09-0.11	6.1-7.3	<2	Moderate	0.24	2	8	1-2
	11-21	35-55	1.20-1.40	0.06-0.2	0.06-0.09	6.1-7.8	<2	High-----	0.10			
	21-22	---	---	---	---	---	---	-----	---			
	22	---	---	---	---	---	---	-----	---			
210*:												
Willhill-----	0-3	18-25	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.17	2	5	1-2
	3-10	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15			
	10-22	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10			
	22	---	---	---	---	---	---	-----	---			
Cottle-----	0-4	15-26	1.40-1.55	0.6-2.0	0.08-0.11	6.6-7.8	<2	Low-----	0.15	1	8	1-2
	4-8	18-34	1.40-1.55	0.6-2.0	0.08-0.10	6.6-7.8	<2	Moderate	0.15			
	8-17	22-35	1.40-1.55	0.2-0.6	0.06-0.09	6.6-7.8	<2	Moderate	0.17			
	17-21	---	---	---	---	---	---	-----	---			
211*:												
Willhill-----	0-3	18-25	1.20-1.40	0.6-2.0	0.12-0.15	6.6-7.8	<2	Low-----	0.17	2	5	1-2
	3-10	27-35	1.30-1.50	0.2-0.6	0.09-0.15	6.6-7.8	<2	Moderate	0.15			
	10-22	16-25	1.40-1.60	0.6-2.0	0.08-0.10	7.9-9.0	<2	Low-----	0.10			
	22	---	---	---	---	---	---	-----	---			
Cottle-----	0-4	15-26	1.40-1.55	0.6-2.0	0.08-0.11	6.6-7.8	<2	Low-----	0.15	1	8	1-2
	4-8	18-34	1.40-1.55	0.6-2.0	0.08-0.10	6.6-7.8	<2	Moderate	0.15			
	8-17	22-35	1.40-1.55	0.2-0.6	0.06-0.09	6.6-7.8	<2	Moderate	0.17			
	17-21	---	---	---	---	---	---	-----	---			
Longcreek-----	0-3	20-27	1.35-1.45	0.6-2.0	0.09-0.13	6.6-7.3	0-0	Moderate	0.20	1	6	1-3
	3-17	40-50	1.25-1.35	0.06-0.2	0.06-0.10	6.6-7.8	0-0	Moderate	0.10			
	17-21	---	---	---	---	---	---	-----	---			
212*:												
Xeric												
Torriorthents--	0-4	12-20	1.40-1.50	0.6-2.0	0.10-0.15	7.4-9.0	<2	Low-----	0.28	4	7	.5-1
	4-60	---	---	---	---	---	---	-----	---			
Typic												
Torriorthents--	0-10	10-18	1.40-1.60	0.2-0.6	0.13-0.18	7.4-9.0	<4	Low-----	0.49	2	4L	<.5
	10-45	---	---	---	---	---	---	-----	---			
	45	---	---	---	---	---	---	-----	---			
Badlands.												
213*:												
Xerollic												
Haplargids-----	0-3	12-26	1.45-1.60	0.6-2.0	0.08-0.14	6.6-7.8	<2	Low-----	0.20	1	7	1-2
	3-6	20-32	1.55-1.70	0.2-2.0	0.10-0.20	6.6-9.0	<2	Moderate	0.28			
	6-60	2-15	1.55-1.70	>2.0	0.03-0.06	7.4-9.0	<2	Low-----	0.10			
Xerollic												
Paleargids-----	0-4	18-26	1.20-1.40	0.2-0.6	0.14-0.18	6.6-7.3	<2	Low-----	0.32	2	8	1-2
	4-22	33-50	1.15-1.35	0.06-0.2	0.10-0.17	6.6-8.4	<2	High-----	0.20			
	22	---	---	---	---	---	---	-----	---			
Rubbleland.												

See footnote at end of table.

Table 11.--Physical and Chemical Properties of the Soils--Continued

Soil name and map symbol	Depth		Clay	Moist bulk density	Permea- bility	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodi- bility	Organic matter
	In	Pct	G/cc	In/hr	In/in	pH	mmhos/cm	K	T	group	Pct		
214*:													
Yatahoney-----	0-6	20-25	1.20-1.40	0.6-2.0	0.15-0.18	6.1-7.3	<2	Low-----	0.43	2	6	1-2	
	6-23	40-55	1.25-1.45	0.06-0.2	0.14-0.16	6.6-8.4	<2	High-----	0.28				
	23-32	---	---	---	---	---	---	-----	---				
	32-36	---	---	---	---	---	---	-----	---				
Nicholflat-----	0-7	16-26	1.20-1.40	0.2-0.6	0.16-0.18	5.6-7.3	<2	Low-----	0.49	1	5	1-2	
	7-18	40-50	1.35-1.50	0.06-0.2	0.14-0.18	6.1-7.3	<2	High-----	0.24				
	18-60	---	---	---	---	---	---	-----	---				
215*:													
Yatahoney-----	0-3	18-25	1.20-1.40	0.6-2.0	0.11-0.15	6.1-7.3	<2	Low-----	0.24	2	7	1-2	
	3-35	25-35	1.30-1.50	0.2-0.6	0.13-0.18	6.1-7.8	<2	Moderate	0.32				
	35-36	---	---	---	---	---	---	-----	---				
	36-40	---	---	---	---	---	---	-----	---				
Zecanyon-----	0-5	17-25	1.25-1.45	0.6-2.0	0.15-0.17	6.1-7.3	<2	Low-----	0.24	2	7	1-2	
	5-21	35-50	1.30-1.50	0.06-0.2	0.13-0.15	6.6-7.8	<2	High-----	0.17				
	21-24	24-32	1.35-1.55	0.6-2.0	0.09-0.12	6.6-8.4	<2	Moderate	0.10				
	24-28	---	---	---	---	---	---	-----	---				
Deunah-----	0-4	15-27	1.20-1.40	0.6-2.0	0.16-0.20	5.6-7.3	<2	Moderate	0.43	2	6	1-2	
	4-9	18-35	1.30-1.50	0.2-0.6	0.18-0.20	6.1-7.3	<2	Moderate	0.43				
	9-27	60-70	1.25-1.45	<0.06	0.12-0.15	6.6-7.8	<2	High-----	0.20				
	27-30	---	---	---	---	---	---	-----	---				
216*:													
Zola-----	0-4	15-25	1.15-1.35	0.2-0.6	0.17-0.19	6.6-7.3	<2	Moderate	0.37	5	5	2-4	
	4-13	26-36	1.10-1.30	0.2-0.6	0.19-0.21	7.4-8.4	<4	Moderate	0.32				
	13-60	25-40	1.30-1.50	0.2-0.6	0.19-0.21	6.6-8.4	<2	High-----	0.28				
Welch-----	0-9	15-20	1.25-1.40	0.6-2.0	0.16-0.18	6.1-7.3	<2	Low-----	0.32	5	8	2-4	
	9-60	27-35	1.30-1.45	0.2-0.6	0.16-0.21	6.1-7.8	<2	Moderate	0.28				

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 12.--Water Features

("Flooding" and "water table" and terms such as "rare," "brief," "apparent," and "perched" are explained in the text. The symbol < means less than; > means more than. Absence of an entry indicates that the feature is not a concern or that data were not estimated)

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
1*: Acrelane-----	C	None-----	---	---	>6.0	---	---
Rock outcrop.							
2----- Alzola	C	None-----	---	---	>6.0	---	---
3*: Alzola-----	C	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
Bigflat-----	D	None-----	---	---	>6.0	---	---
4*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Buncelvoir-----	D	None-----	---	---	>6.0	---	---
Chilcott-----	D	None-----	---	---	>6.0	---	---
5*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Chilcott-----	D	None-----	---	---	>6.0	---	---
6*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Heckison-----	D	None-----	---	---	>6.0	---	---
7*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Hunnton-----	C	None-----	---	---	>6.0	---	---
8*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Laped-----	D	None-----	---	---	>6.0	---	---
Slickspots.							
9*: Arbidge-----	C	None-----	---	---	>6.0	---	---
Owsel-----	B	None-----	---	---	>6.0	---	---
Gariper-----	D	None-----	---	---	>6.0	---	---
10*: Arness-----	D	None-----	---	---	>6.0	---	---
Humdun-----	B	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
11*: Babbington-----	B	Rare-----	---	---	3.5-5.0	Apparent	Apr-Jun
Beetville-----	B	Occasional-----	Brief-----	Apr-Jun	3.5-6.0	Apparent	Apr-Jul
12*: Babbington-----	B	Rare-----	---	---	3.5-5.0	Apparent	Apr-Jun
Piline-----	D	None-----	---	---	+1-2.0	Perched	Mar-Jul
13*: Badlands.							
Typic Torriorthents---	C	None-----	---	---	>6.0	---	---
Xeric Torriorthents---	C	None-----	---	---	>6.0	---	---
14*: Bauscher-----	B	None-----	---	---	>6.0	---	---
Bauscher-----	B	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
15*: Bedstead-----	C	None-----	---	---	>6.0	---	---
Arbidge-----	C	None-----	---	---	>6.0	---	---
16*: Bieber-----	D	None-----	---	---	>6.0	---	---
Hurryback-----	B	None-----	---	---	>6.0	---	---
17*: Blackleg-----	C	None-----	---	---	>6.0	---	---
Northcastle-----	C	None-----	---	---	>5.0	Apparent	May-Jun
18*: Blackleg-----	C	None-----	---	---	>6.0	---	---
Threek-----	C	None-----	---	---	>6.0	---	---
19----- Bluecreek	D	None-----	---	---	>6.0	---	---
20*: Booford-----	C	None-----	---	---	>6.0	---	---
Barkley-----	C	None-----	---	---	>6.0	---	---
21*: Booford-----	C	None-----	---	---	>6.0	---	---
Blackleg-----	C	None-----	---	---	>6.0	---	---
22*: Boulder Lake-----	D	None-----	---	---	+1-1.5	Perched	Dec-Jun
Yatahoney-----	C	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
23*:							
Brace-----	C	None-----	---	---	>6.0	---	---
Freshwater-----	D	None-----	---	---	>6.0	---	---
24*:							
Briabbit-----	B	None-----	---	---	>6.0	---	---
Murphill-----	D	None-----	---	---	>6.0	---	---
25-----	D	None-----	---	---	>6.0	---	---
Bruncan							
26*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Arbidge-----	C	None-----	---	---	>6.0	---	---
27*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Buncelvoir-----	D	None-----	---	---	>6.0	---	---
28*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Jenor-----	C	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
29*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Laped-----	D	None-----	---	---	>6.0	---	---
30*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Minveno-----	D	None-----	---	---	>6.0	---	---
31*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Snowmore-----	C	None-----	---	---	>6.0	---	---
32*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
33*:							
Bruncan-----	D	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
Midraw-----	D	None-----	---	---	>6.0	---	---
34*:							
Brunzell-----	B	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
34*: Doodlelink-----	B	None-----	---	---	>6.0	---	---
Threek-----	C	None-----	---	---	>6.0	---	---
35*: Catchell-----	D	None-----	---	---	>6.0	---	---
Longcreek-----	D	None-----	---	---	>6.0	---	---
36*: Chayson-----	C	None-----	---	---	>6.0	---	---
Merlin-----	D	None-----	---	---	>6.0	---	---
37*: Chilcott-----	D	None-----	---	---	>6.0	---	---
Igert-----	C	None-----	---	---	>6.0	---	---
38*: Chilcott-----	D	None-----	---	---	>6.0	---	---
Lamonta-----	D	None-----	---	---	>6.0	---	---
39*: Chinabutte-----	D	None-----	---	---	>6.0	---	---
Alibi-----	C	None-----	---	---	>6.0	---	---
40*: Cleavage-----	D	None-----	---	---	>6.0	---	---
Avtable-----	D	None-----	---	---	>6.0	---	---
Monasterio-----	C	None-----	---	---	>6.0	---	---
41*: Cleavage-----	D	None-----	---	---	>6.0	---	---
Rubbleland.							
42*: Cleavage-----	D	None-----	---	---	>6.0	---	---
Snell-----	C	None-----	---	---	>6.0	---	---
43*: Cottle-----	D	None-----	---	---	>6.0	---	---
Willhill-----	C	None-----	---	---	>6.0	---	---
44*: Dehana-----	B	None-----	---	---	>6.0	---	---
Nagitsy-----	C	None-----	---	---	>6.0	---	---
45*: Deunah-----	D	None-----	---	---	>6.0	---	---
Yatahoney-----	C	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
45*: Lostvalley-----	D	None-----	---	---	>6.0	---	---
46*: Diawell-----	D	None-----	---	---	>6.0	---	---
McKeeth-----	B	None-----	---	---	>6.0	---	---
47*: Dollarhide-----	D	None-----	---	---	>6.0	---	---
Rock outcrop.							
48*: Doodlelink-----	B	None-----	---	---	>6.0	---	---
Bregar-----	D	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
49*: Doodlelink-----	B	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
Parkay-----	B	None-----	---	---	>6.0	---	---
50*: Doodlelink-----	B	None-----	---	---	>6.0	---	---
Snell-----	C	None-----	---	---	>6.0	---	---
Parkay-----	B	None-----	---	---	>6.0	---	---
51*: Dougal-----	D	None-----	---	---	>6.0	---	---
Bruncan-----	D	None-----	---	---	>6.0	---	---
52*: Dranyon-----	B	None-----	---	---	>6.0	---	---
Dehana-----	B	None-----	---	---	>6.0	---	---
53*: Duco-----	D	None-----	---	---	>6.0	---	---
Chinabutte-----	D	None-----	---	---	>6.0	---	---
Dougal-----	D	None-----	---	---	>6.0	---	---
54----- Escalante	B	None-----	---	---	>6.0	---	---
55*: Escalante-----	B	None-----	---	---	>6.0	---	---
Tindahay-----	B	None-----	---	---	>6.0	---	---
Ornea-----	B	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
56*: Fairylawn-----	D	None-----	---	---	>6.0	---	---
Perla-----	C	None-----	---	---	>6.0	---	---
57*: Fairylawn-----	D	None-----	---	---	>6.0	---	---
Schnipper-----	C	None-----	---	---	>6.0	---	---
58*: Foxmount-----	C	None-----	---	---	>6.0	---	---
Povey-----	B	None-----	---	---	>6.0	---	---
Rubbleland.							
59*: Freshwater-----	D	None-----	---	---	>6.0	---	---
Larioscamp-----	D	None-----	---	---	>6.0	---	---
Dishpan-----	C	None-----	---	---	>6.0	---	---
60*: Fryingpan-----	D	None-----	---	---	>6.0	---	---
Hat-----	C	None-----	---	---	>6.0	---	---
Nipintuck-----	D	None-----	---	---	>6.0	---	---
61*: Fulcrum-----	C	None-----	---	---	>6.0	---	---
Monasterio-----	C	None-----	---	---	>6.0	---	---
62*: Gaib-----	D	None-----	---	---	>6.0	---	---
Wareagle-----	B	None-----	---	---	>6.0	---	---
Rock outcrop.							
63*: Gooding-----	D	None-----	---	---	>6.0	---	---
Gariper-----	D	None-----	---	---	>6.0	---	---
64-----	B	Rare-----	---	---	3.5-5.0	Apparent	May-Sep
Goose Creek							
65*: Graveya-----	B	None-----	---	---	>6.0	---	---
Ratsnest-----	D	None-----	---	---	>6.0	---	---
Rock outcrop.							
66*: Graylock-----	A	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
66*: Takeuchi-----	C	None-----	---	---	>6.0	---	---
67*: Hades-----	B	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
68*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Arbidge-----	C	None-----	---	---	>6.0	---	---
69*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Briabbit-----	B	None-----	---	---	>6.0	---	---
Tindahay-----	B	None-----	---	---	>6.0	---	---
70*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Cottle-----	D	None-----	---	---	>6.0	---	---
Midraw-----	D	None-----	---	---	>6.0	---	---
71*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Enko-----	C	None-----	---	---	>6.0	---	---
72*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Gariper-----	D	None-----	---	---	>6.0	---	---
Diawell-----	D	None-----	---	---	>6.0	---	---
73*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Goose Creek-----	B	Rare-----	---	---	3.5-5.0	Apparent	May-Sep
74*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Scism-----	C	None-----	---	---	>6.0	---	---
75*: Hardtrigger-----	B	None-----	---	---	>6.0	---	---
Snowmore-----	C	None-----	---	---	>6.0	---	---
Vickery-----	C	None-----	---	---	>6.0	---	---
76*: Hat-----	C	None-----	---	---	>6.0	---	---
Avtable-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
76*: Monasterio-----	C	None-----	---	---	>6.0	---	---
77*: Hat-----	C	None-----	---	---	>6.0	---	---
Nagitsy-----	C	None-----	---	---	>6.0	---	---
Rock outcrop.							
78*: Hat-----	C	None-----	---	---	>6.0	---	---
Rock outcrop.							
Nipintuck-----	D	None-----	---	---	>6.0	---	---
79*: Hat-----	C	None-----	---	---	>6.0	---	---
Zecanyon-----	C	None-----	---	---	>6.0	---	---
80*: Haw-----	B	None-----	---	---	>6.0	---	---
Renslow-----	B	None-----	---	---	>6.0	---	---
81*: Heckison-----	D	None-----	---	---	>6.0	---	---
Bigflat-----	D	None-----	---	---	>6.0	---	---
82*: Heckison-----	D	None-----	---	---	>6.0	---	---
Freshwater-----	D	None-----	---	---	>6.0	---	---
83*: Heckison-----	D	None-----	---	---	>6.0	---	---
Insidert-----	D	None-----	---	---	>6.0	---	---
Bigflat-----	D	None-----	---	---	>6.0	---	---
84*: Hotcreek-----	D	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
85*: Hurryback-----	B	None-----	---	---	>6.0	---	---
Hat-----	C	None-----	---	---	>6.0	---	---
Avtable-----	D	None-----	---	---	>6.0	---	---
86*: Hurryback-----	B	None-----	---	---	>6.0	---	---
Wickahoney-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
87*: Igert-----	C	None-----	---	---	>6.0	---	---
Willhill-----	C	None-----	---	---	>6.0	---	---
Hardtrigger-----	B	None-----	---	---	>6.0	---	---
88*: Insidert-----	D	None-----	---	---	>6.0	---	---
Tanner-----	C	None-----	---	---	>6.0	---	---
89*: Jumpcreek-----	C	None-----	---	---	>6.0	---	---
Frenchjohn-----	C	None-----	---	---	>6.0	---	---
90*: Kanlee-----	C	None-----	---	---	>6.0	---	---
Ola-----	C	None-----	---	---	>6.0	---	---
Quicksilver-----	D	None-----	---	---	>6.0	---	---
91*: Kanlee-----	C	None-----	---	---	>6.0	---	---
Poisoncreek-----	D	None-----	---	---	>6.0	---	---
Ola-----	C	None-----	---	---	>6.0	---	---
92*: Kiyi-----	C	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
Hades-----	B	None-----	---	---	>6.0	---	---
93*: Larioscamp-----	D	None-----	---	---	>6.0	---	---
Dishpan-----	C	None-----	---	---	>6.0	---	---
Brace-----	C	None-----	---	---	>6.0	---	---
94*: Larioscamp-----	D	None-----	---	---	>6.0	---	---
Freshwater-----	D	None-----	---	---	>6.0	---	---
95*: Longcreek-----	D	None-----	---	---	>6.0	---	---
Hurryback-----	B	None-----	---	---	>6.0	---	---
Succor-----	D	None-----	---	---	>6.0	---	---
96*: Loomis-----	D	None-----	---	---	>6.0	---	---
Fairylawn-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
97*: Loomis-----	D	None-----	---	---	>6.0	---	---
Haw-----	B	None-----	---	---	>6.0	---	---
98*: Lostvalley-----	D	None-----	---	---	>6.0	---	---
Budlewis-----	C	None-----	---	---	>6.0	---	---
99*: Mackey-----	C	None-----	---	---	>6.0	---	---
Cottle-----	D	None-----	---	---	>6.0	---	---
100*: McKeeth-----	B	None-----	---	---	>6.0	---	---
Veta-----	B	None-----	---	---	>6.0	---	---
101*: Merlin-----	D	None-----	---	---	>6.0	---	---
Lostvalley-----	D	None-----	---	---	>6.0	---	---
Chayson-----	C	None-----	---	---	>6.0	---	---
102*: Minveno-----	D	None-----	---	---	>6.0	---	---
Roseworth-----	D	None-----	---	---	>6.0	---	---
103*: Mollic Haploxeralfs----	C	None-----	---	---	>6.0	---	---
Pachic Argixerolls----	B	None-----	---	---	>6.0	---	---
104*: Monasterio-----	C	None-----	---	---	>6.0	---	---
Chayson-----	C	None-----	---	---	>6.0	---	---
Budlewis-----	C	None-----	---	---	>6.0	---	---
105*: Monasterio-----	C	None-----	---	---	>6.0	---	---
Cleavage-----	D	None-----	---	---	>6.0	---	---
Saturday-----	B	None-----	---	---	>6.0	---	---
106*: Monasterio-----	C	None-----	---	---	>6.0	---	---
Cleavage-----	D	None-----	---	---	>6.0	---	---
Thacker-----	D	None-----	---	---	>6.0	---	---
107*: Monasterio-----	C	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
107*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
108----- Mulshoe	C	None-----	---	---	>6.0	---	---
109*: Mulshoe-----	C	None-----	---	---	>6.0	---	---
Squawcreek-----	D	None-----	---	---	>6.0	---	---
Gaib-----	D	None-----	---	---	>6.0	---	---
110*: Nagitsy-----	C	None-----	---	---	>6.0	---	---
Rock outcrop.							
Parkay-----	B	None-----	---	---	>6.0	---	---
111*: Nazaton-----	B	None-----	---	---	>6.0	---	---
Naz-----	B	None-----	---	---	>6.0	---	---
112*: Nipintuck-----	D	None-----	---	---	>6.0	---	---
Rock outcrop.							
113*: Nipintuck-----	D	None-----	---	---	>6.0	---	---
Squawcreek-----	D	None-----	---	---	>6.0	---	---
Rock outcrop.							
114*: Northcastle-----	C	None-----	---	---	>5.0	Apparent	May-Jun
Bluecreek-----	D	None-----	---	---	>6.0	---	---
Yatahoney-----	C	None-----	---	---	>6.0	---	---
115*: Northcastle-----	C	None-----	---	---	>5.0	Apparent	May-Jun
Wagonbox-----	D	None-----	---	---	>6.0	---	---
Fryingpan-----	D	None-----	---	---	>6.0	---	---
116*: Ola-----	C	None-----	---	---	>6.0	---	---
Earcree-----	B	None-----	---	---	>6.0	---	---
117*: Orovada-----	B	None-----	---	---	>6.0	---	---
Roseworth-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
117*: Wholan-----	B	Rare-----	---	---	>6.0	---	---
118*: Owsel-----	B	None-----	---	---	>6.0	---	---
Coonskin-----	C	None-----	---	---	>6.0	---	---
Orovada-----	B	None-----	---	---	>6.0	---	---
119----- Parkay	B	None-----	---	---	>6.0	---	---
120*: Parkay-----	B	None-----	---	---	>6.0	---	---
Bregar-----	D	None-----	---	---	>6.0	---	---
121*: Parkay-----	B	None-----	---	---	>6.0	---	---
Dehana-----	B	None-----	---	---	>6.0	---	---
122*: Parkay-----	B	None-----	---	---	>6.0	---	---
Dehana-----	B	None-----	---	---	>6.0	---	---
Booneville-----	B	None-----	---	---	>6.0	---	---
123*: Parkay-----	B	None-----	---	---	>6.0	---	---
Povey-----	B	None-----	---	---	>6.0	---	---
124*: Parkay-----	B	None-----	---	---	>6.0	---	---
Wickahoney-----	D	None-----	---	---	>6.0	---	---
125----- Paynecreek	B	None-----	---	---	>6.0	---	---
126*: Paynecreek-----	B	None-----	---	---	>6.0	---	---
Barkley-----	C	None-----	---	---	>6.0	---	---
Chayson-----	C	None-----	---	---	>6.0	---	---
127*: Paynecreek-----	B	None-----	---	---	>6.0	---	---
Northcastle-----	C	None-----	---	---	>5.0	Apparent	May-Jun
128*: Paynecreek-----	B	None-----	---	---	>6.0	---	---
Northcastle-----	C	None-----	---	---	>5.0	Apparent	May-Jun

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
128*: Blackwell-----	D	Frequent-----	Very brief to brief.	Apr-Jun	0-2.5	Apparent	Mar-Jul
129*: Perla-----	C	None-----	---	---	>6.0	---	---
Ruclick-----	C	None-----	---	---	>6.0	---	---
130*. Pits, gravel							
131*. Pits and Dumps, mine							
132*: Pixley-----	D	None-----	---	---	>6.0	---	---
Barkley-----	C	None-----	---	---	>6.0	---	---
133*: Playas.							
Duric Natrargids-----	D	None-----	---	---	+1.-0	Perched	Mar-Jun
134*: Plush-----	B	None-----	---	---	>6.0	---	---
Rubbleland. Rock outcrop.							
135*: Poisoncreek-----	D	None-----	---	---	>6.0	---	---
Kanlee-----	C	None-----	---	---	>6.0	---	---
136*: Poisoncreek-----	D	None-----	---	---	>6.0	---	---
Kanlee-----	C	None-----	---	---	>6.0	---	---
Bauscher-----	B	None-----	---	---	>6.0	---	---
137*: Povey-----	B	None-----	---	---	>6.0	---	---
Dehana-----	B	None-----	---	---	>6.0	---	---
138*: Povey-----	B	None-----	---	---	>6.0	---	---
Earcree-----	B	None-----	---	---	>6.0	---	---
139*: Povey-----	B	None-----	---	---	>6.0	---	---
Nagitsy-----	C	None-----	---	---	>6.0	---	---
140*: Quicksilver-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
140*: Takeuchi----- Rock outcrop.	C	None-----	---	---	>6.0	---	---
141*: Ratsnest----- Ornea-----	D B	None----- None-----	--- ---	--- ---	>6.0 >6.0	--- ---	--- ---
142*: Roca----- Freshwater-----	D D	None----- None-----	--- ---	--- ---	>6.0 >6.0	--- ---	--- ---
143*: Rock outcrop. Xerollic Haplargids----	B	None-----	---	---	>6.0	---	---
144*: Rubbleland. Rock outcrop. Pachic Argixerolls----	B	None-----	---	---	>6.0	---	---
145*: Salisbury----- Gacey----- Barnard-----	D D C	None----- None----- None-----	--- --- ---	--- --- ---	>6.0 >6.0 >6.0	--- --- ---	--- --- ---
146*: Saturday----- Mulshoe-----	B C	None----- None-----	--- ---	--- ---	>6.0 >6.0	--- ---	--- ---
147, 148 Scism	C	None-----	---	---	>6.0	---	---
149*: Scism----- Coonskin-----	C C	None----- None-----	--- ---	--- ---	>6.0 >6.0	--- ---	--- ---
150*: Sharesnout----- Bregar-----	C D	None----- None-----	--- ---	--- ---	>6.0 >6.0	--- ---	--- ---
151*: Sharesnout----- Bregar----- Coser-----	C D D	None----- None----- None-----	--- --- ---	--- --- ---	>6.0 >6.0 >6.0	--- --- ---	--- --- ---
152*: Sharesnout-----	C	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
152*: Budlewis-----	C	None-----	---	---	>6.0	---	---
153*: Sharesnout-----	C	None-----	---	---	>6.0	---	---
Coser-----	D	None-----	---	---	>6.0	---	---
Threek-----	C	None-----	---	---	>6.0	---	---
154*: Sharesnout-----	C	None-----	---	---	>6.0	---	---
Monasterio-----	C	None-----	---	---	>6.0	---	---
Pixley-----	D	None-----	---	---	>6.0	---	---
155----- Shoofly	D	None-----	---	---	>6.0	---	---
156*: Snell-----	C	None-----	---	---	>6.0	---	---
Kiyi-----	C	None-----	---	---	>6.0	---	---
157*: Snell-----	C	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
158*: Snowmore-----	C	None-----	---	---	>6.0	---	---
Igert-----	C	None-----	---	---	>6.0	---	---
Bruncan-----	D	None-----	---	---	>6.0	---	---
159*: Snowmore-----	C	None-----	---	---	>6.0	---	---
Troughs-----	D	None-----	---	---	>6.0	---	---
160*: Snowmore-----	C	None-----	---	---	>6.0	---	---
Willhill-----	C	None-----	---	---	>6.0	---	---
161*: Southmount-----	B	None-----	---	---	3.5-5.0	Apparent	May-Jun
Booneville-----	B	None-----	---	---	>6.0	---	---
162*: Squawcreek-----	D	None-----	---	---	>6.0	---	---
Avtable-----	D	None-----	---	---	>6.0	---	---
Wagonbox-----	D	None-----	---	---	>6.0	---	---
163*: Squawcreek-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
163*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
164*: Squawcreek-----	D	None-----	---	---	>6.0	---	---
Zecanyon-----	C	None-----	---	---	>6.0	---	---
165*: Strickland-----	C	None-----	---	---	>6.0	---	---
Dehana-----	B	None-----	---	---	>6.0	---	---
Parkay-----	B	None-----	---	---	>6.0	---	---
166*: Succor-----	D	None-----	---	---	>6.0	---	---
Gooding-----	D	None-----	---	---	>6.0	---	---
Deshler-----	C	None-----	---	---	>6.0	---	---
167----- Sugarcreek	C	None-----	---	---	>6.0	---	---
168*: Takeuchi-----	C	None-----	---	---	>6.0	---	---
Earcree-----	B	None-----	---	---	>6.0	---	---
Rock outcrop.							
169*: Takeuchi-----	C	None-----	---	---	>6.0	---	---
Kanlee-----	C	None-----	---	---	>6.0	---	---
Poisoncreek-----	D	None-----	---	---	>6.0	---	---
170*: Takeuchi-----	C	None-----	---	---	>6.0	---	---
Quicksilver-----	D	None-----	---	---	>6.0	---	---
171----- Tanner	C	None-----	---	---	>6.0	---	---
172*: Tanner-----	C	None-----	---	---	>6.0	---	---
Dishpan-----	C	None-----	---	---	>6.0	---	---
173*: Thacker-----	D	None-----	---	---	>6.0	---	---
Cleavage-----	D	None-----	---	---	>6.0	---	---
Bigflat-----	D	None-----	---	---	>6.0	---	---
174*: Thacker-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
174*: Cleavage-----	D	None-----	---	---	>6.0	---	---
Sharesnout-----	C	None-----	---	---	>6.0	---	---
175*: Thacker-----	D	None-----	---	---	>6.0	---	---
Monasterio-----	C	None-----	---	---	>6.0	---	---
Cleavage-----	D	None-----	---	---	>6.0	---	---
176*: Threek-----	C	None-----	---	---	>6.0	---	---
Barkley-----	C	None-----	---	---	>6.0	---	---
Blackleg-----	C	None-----	---	---	>6.0	---	---
177*: Threek-----	C	None-----	---	---	>6.0	---	---
Blackleg-----	C	None-----	---	---	>6.0	---	---
Hatpeak-----	C	None-----	---	---	>6.0	---	---
178*: Tindahay-----	B	None-----	---	---	>6.0	---	---
Royal-----	B	None-----	---	---	>6.0	---	---
Badlands.							
179*: Troughs-----	D	None-----	---	---	>6.0	---	---
Arbidge-----	C	None-----	---	---	>6.0	---	---
180*: Troughs-----	D	None-----	---	---	>6.0	---	---
Jenor-----	C	None-----	---	---	>6.0	---	---
Laped-----	D	None-----	---	---	>6.0	---	---
181*: Troughs-----	D	None-----	---	---	>6.0	---	---
Owsel-----	B	None-----	---	---	>6.0	---	---
182*: Troughs-----	D	None-----	---	---	>6.0	---	---
Sugarcreek-----	C	None-----	---	---	>6.0	---	---
183*: Tucker-----	C	Occasional-----	Long-----	Mar-May	1.5-3.0	Apparent	Mar-Jun
Zola-----	C	Rare-----	---	---	3.0-5.0	Apparent	Mar-Jun

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth Ft	Kind	Months
184*: Typic Haploxerolls-----	C	None-----	---	---	>6.0	---	---
Pachic Argixerolls-----	B	None-----	---	---	>6.0	---	---
Badlands.							
185*: Typic Torripsamments---	B	None-----	---	---	>6.0	---	---
Typic Torrifluvents-----	B	Occasional-----	Very brief----	Feb-May	>6.0	---	---
186*: Typic Torripsamments---	B	None-----	---	---	>6.0	---	---
Typic Torriorthents-----	C	None-----	---	---	>6.0	---	---
187*: Upcreek-----	C	Occasional-----	Brief-----	Apr-May	1.5-3.0	Apparent	Oct-May
Riverwash.							
188*: Vickery-----	C	None-----	---	---	>6.0	---	---
Snowmore-----	C	None-----	---	---	>6.0	---	---
189*: Vipont-----	C	None-----	---	---	>6.0	---	---
Bauscher-----	B	None-----	---	---	>6.0	---	---
190-----	C	None-----	---	---	>6.0	---	---
Vitale							
191*: Vitale-----	C	None-----	---	---	>6.0	---	---
Cleavage-----	D	None-----	---	---	>6.0	---	---
Bauscher-----	B	None-----	---	---	>6.0	---	---
192*: Vitale-----	C	None-----	---	---	>6.0	---	---
Itca-----	D	None-----	---	---	>6.0	---	---
Rubbleland.							
193*: Vitale-----	C	None-----	---	---	>6.0	---	---
Mulshoe-----	C	None-----	---	---	>6.0	---	---
Itca-----	D	None-----	---	---	>6.0	---	---
194*: Vitale-----	C	None-----	---	---	>6.0	---	---
Rock outcrop.							

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
195*: Wagonbox-----	D	None-----	---	---	>6.0	---	---
Deunah-----	D	None-----	---	---	>6.0	---	---
Hatpeak-----	C	None-----	---	---	>6.0	---	---
196*: Wareagle-----	B	None-----	---	---	>6.0	---	---
Povey-----	B	None-----	---	---	>6.0	---	---
197*: Weash-----	C	None-----	---	---	>6.0	---	---
Ruclick-----	C	None-----	---	---	>6.0	---	---
198*: Weash-----	C	None-----	---	---	>6.0	---	---
Schnipper-----	C	None-----	---	---	>6.0	---	---
199----- Welch	D	Frequent-----	Brief-----	Mar-Jun	1.0-1.5	Apparent	Nov-Jun
200*: Welch-----	D	Frequent-----	Brief-----	Mar-Jun	1.0-1.5	Apparent	Nov-Jun
Upcreek-----	C	Occasional-----	Brief-----	Apr-May	1.5-3.0	Apparent	Oct-May
201*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Blackleg-----	C	None-----	---	---	>6.0	---	---
Thacker-----	D	None-----	---	---	>6.0	---	---
202*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Budlewis-----	C	None-----	---	---	>6.0	---	---
203*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Doodlelink-----	B	None-----	---	---	>6.0	---	---
204*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Monasterio-----	C	None-----	---	---	>6.0	---	---
Yatahoney-----	C	None-----	---	---	>6.0	---	---
205*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Parkay-----	B	None-----	---	---	>6.0	---	---
Bregar-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
206*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Wagonbox-----	D	None-----	---	---	>6.0	---	---
Rubbleland.							
207*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Zecanyon-----	C	None-----	---	---	>6.0	---	---
208*: Wickahoney-----	D	None-----	---	---	>6.0	---	---
Zecanyon-----	C	None-----	---	---	>6.0	---	---
Hat-----	C	None-----	---	---	>6.0	---	---
209*: Willhill-----	C	None-----	---	---	>6.0	---	---
Bedstead-----	C	None-----	---	---	>6.0	---	---
210*: Willhill-----	C	None-----	---	---	>6.0	---	---
Cottle-----	D	None-----	---	---	>6.0	---	---
211*: Willhill-----	C	None-----	---	---	>6.0	---	---
Cottle-----	D	None-----	---	---	>6.0	---	---
Longcreek-----	D	None-----	---	---	>6.0	---	---
212*: Xeric Torriorthents---	C	None-----	---	---	>6.0	---	---
Typic Torriorthents---	C	None-----	---	---	>6.0	---	---
Badlands.							
213*: Xerollic Haplargids---	B	None-----	---	---	>6.0	---	---
Xerollic Paleargids---	D	None-----	---	---	>6.0	---	---
Rubbleland.							
214*: Yatahoney-----	C	None-----	---	---	>6.0	---	---
Nicholflat-----	D	None-----	---	---	>6.0	---	---
215*: Yatahoney-----	D	None-----	---	---	>6.0	---	---
Zecanyon-----	C	None-----	---	---	>6.0	---	---
Deunah-----	D	None-----	---	---	>6.0	---	---

See footnote at end of table.

Table 12.--Water Features--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					<u>Ft</u>		
216*: Zola-----	C	Rare-----	---	---	3.0-5.0	Apparent	Mar-Jun
Welch-----	D	Frequent-----	Brief-----	Mar-Jun	1.0-1.5	Apparent	Nov-Jun

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 13.--Soil Features

(The symbol < means less than; > means more than. Absence of an entry indicates that the feature is not a concern or that data were not estimated)

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
1*: Acrelane-----	10-20	Soft	---	---	Low.
Rock outcrop.					
2----- Alzola	>60	---	---	---	Low.
3*: Alzola-----	>60	---	---	---	Low.
Troughs-----	40-60	Hard	14-20	Thick	Low.
Bigflat-----	>60	---	40-60	Thin	Low.
4*: Arbidge-----	>60	---	20-40	Thin	Low.
Buncelvoir-----	>60	---	---	---	Low.
Chilcott-----	40-60	Hard	20-40	Thick	Low.
5*: Arbidge-----	>60	---	20-40	Thin	Low.
Chilcott-----	40-60	Hard	20-40	Thick	Low.
6*: Arbidge-----	>60	---	20-40	Thin	Low.
Heckison-----	22-40	Hard	21-36	Thick	Low.
7*: Arbidge-----	>60	---	20-40	Thin	Low.
Hunnton-----	>60	---	20-40	Thick	Moderate.
8*: Arbidge-----	>60	---	20-40	Thin	Low.
Laped-----	20-30	Hard	14-20	Thick	Low.
Slickspots.					
9*: Arbidge-----	>60	---	20-40	Thin	Low.
Owsel-----	>60	---	---	---	Low.
Gariper-----	>60	---	40-60	Thin	Low.
10*: Arness-----	20-40	Hard	12-20	Thick	Low.
Humdun-----	>60	---	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Thickness	Depth	Thickness	
	In		In		
11*: Babbington-----	>60	---	---	---	Low.
Beetville-----	>60	---	---	---	Moderate.
12*: Babbington-----	>60	---	---	---	Low.
Piline-----	>60	---	---	---	Moderate.
13*: Badlands.					
Typic Torriorthents----	20-60	Soft	---	---	Low.
Xeric Torriorthents----	>20	Hard	---	---	Low.
14*: Bauscher-----	40-60	Soft	---	---	Moderate.
Bauscher-----	40-60	Soft	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.
15*: Bedstead-----	22-40	Hard	21-36	Thin	Low.
Arbidge-----	>60	---	20-40	Thin	Low.
16*: Bieber-----	>60	---	8-20	Thick	Low.
Hurryback-----	>60	---	---	---	Moderate.
17*: Blackleg-----	>60	---	20-40	Thick	Moderate.
Northcastle-----	>60	---	21-40	Thick	Moderate.
18*: Blackleg-----	>60	---	20-40	Thick	Moderate.
Threek-----	>60	---	---	---	Moderate.
19----- Bluecreek	>60	---	20-40	Thick	Moderate.
20*: Booford-----	20-40	Soft	---	---	Moderate.
Barkley-----	>60	---	---	---	Moderate.
21*: Booford-----	20-40	Soft	---	---	Moderate.
Blackleg-----	>60	---	20-40	Thick	Moderate.
22*: Boulder Lake-----	>60	---	---	---	Moderate.
Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Thickness	Depth	Thickness	
	In		In		
23*: Brace-----	22-40	Hard	20-37	Thick	Low.
Freshwater-----	16-40	Hard	12-20	Thick	Low.
24*: Briabbit-----	20-40	Soft	---	---	Low.
Murphill-----	10-20	Hard	---	---	Low.
25----- Bruncan	13-30	Hard	11-20	Thick	Low.
26*: Bruncan-----	13-37	Hard	11-20	Thick	Low.
Arbidge-----	>60	---	20-40	Thin	Low.
27*: Bruncan-----	13-32	Hard	11-20	Thick	Low.
Hardtrigger-----	>60	---	---	---	Low.
Buncelvoir-----	>60	---	---	---	Low.
28*: Bruncan-----	13-30	Hard	11-20	Thick	Low.
Jenor-----	>60	---	20-30	Thick	Low.
Troughs-----	20-40	Hard	12-20	Thick	Low.
29*: Bruncan-----	13-37	Hard	11-20	Thick	Low.
Laped-----	20-30	Hard	14-20	Thick	Low.
30*: Bruncan-----	13-30	Hard	11-20	Thick	Low.
Minveno-----	20-40	Hard	10-20	Thick	Low.
31*: Bruncan-----	13-37	Hard	11-20	Thick	Low.
Snowmore-----	21-40	Hard	20-34	Thick	Moderate.
32*: Bruncan-----	13-30	Hard	11-20	Thick	Low.
Troughs-----	20-40	Hard	12-20	Thick	Low.
33*: Bruncan-----	13-30	Hard	11-20	Thick	Low.
Troughs-----	20-40	Hard	12-20	Thick	Low.
Midraw-----	20-35	Hard	14-20	Thick	Low.
34*: Brunzell-----	>60	---	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Thickness	Depth	Thickness	
	In		In		
34*: Doodlelink-----	>60	---	---	---	Moderate.
Threek-----	>60	---	---	---	Moderate.
35*: Catchell-----	25-40	Hard	20-38	Thin	Low.
Longcreek-----	14-20	Hard	---	---	Low.
36*: Chayson-----	45-60	Hard	20-40	Thick	Moderate.
Merlin-----	10-20	Hard	---	---	Moderate.
37*: Chilcott-----	>60	---	20-40	Thick	Low.
Igert-----	25-40	Hard	---	---	Low.
38*: Chilcott-----	>60	---	20-40	Thick	Low.
Lamonta-----	>60	---	20-30	Thick	Low.
39*: Chinabutte-----	14-20	Hard	---	---	Moderate.
Alibi-----	20-30	Hard	---	---	Moderate.
40*: Cleavage-----	14-20	Hard	---	---	Moderate.
Avtable-----	14-20	Hard	---	---	Moderate.
Monasterio-----	20-40	Hard	---	---	Moderate.
41*: Cleavage-----	14-20	Hard	---	---	Moderate.
Rubbleland.					
42*: Cleavage-----	14-20	Hard	---	---	Moderate.
Snell-----	20-40	Hard	---	---	Moderate.
43*: Cottle-----	10-20	Hard	---	---	Low.
Willhill-----	21-40	Hard	---	---	Low.
44*: Dehana-----	>60	---	---	---	Moderate.
Nagitsy-----	20-40	Hard	---	---	Moderate.
45*: Deunah-----	22-40	Hard	20-34	Thick	Moderate.
Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
45*: Lostvalley-----	25-40	Hard	---	---	Moderate.
46*: Diawell-----	>60	---	14-20	Thin	Low.
McKeeth-----	>60	---	---	---	Low.
47*: Dollarhide-----	10-20	Hard	---	---	Moderate.
Rock outcrop.					
48*: Doodlelink-----	>60	---	---	---	Moderate.
Bregar-----	5-12	Hard	---	---	Low.
Sharesnout-----	20-30	Hard	---	---	Moderate.
49*: Doodlelink-----	>60	---	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.
Parkay-----	40-60	Soft	---	---	Moderate.
50*: Doodlelink-----	>60	---	---	---	Moderate.
Snell-----	20-40	Hard	---	---	Moderate.
Parkay-----	40-60	Soft	---	---	Moderate.
51*: Dougal-----	7-16	Hard	---	---	Low.
Bruncan-----	13-32	Hard	11-20	Thick	Low.
52*: Dranyon-----	>60	---	---	---	Moderate.
Dehana-----	>60	---	---	---	Moderate.
53*: Duco-----	10-20	Hard	---	---	Low.
Chinabutte-----	14-20	Hard	---	---	Moderate.
Dougal-----	7-16	Hard	---	---	Low.
54----- Escalante	>60	---	---	---	Low.
55*: Escalante-----	>60	---	---	---	Low.
Tindahay-----	>60	---	---	---	Low.
Ornea-----	>60	---	---	---	Low.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
56*:					
Fairy lawn-----	21-40	Hard	20-35	Thick	Moderate.
Perla-----	20-40	Hard	---	---	Low.
57*:					
Fairy lawn-----	21-40	Hard	20-35	Thick	Moderate.
Schnipper-----	>60	---	20-40	Thin	Low.
58*:					
Foxmount-----	24-40	Soft	---	---	Moderate.
Povey-----	>60	---	---	---	Moderate.
Rubbleland.					
59*:					
Freshwater-----	16-40	Hard	12-20	Thick	Low.
Larioscamp-----	21-40	Hard	20-36	Thick	Low.
Dishpan-----	20-40	Hard	---	---	Low.
60*:					
Fryingpan-----	10-20	Hard	---	---	Moderate.
Hat-----	20-40	Hard	---	---	Moderate.
Nipintuck-----	4-10	Hard	---	---	Low.
61*:					
Fulcrum-----	20-40	Hard	---	---	Moderate.
Monasterio-----	20-40	Hard	---	---	Moderate.
62*:					
Gaib-----	10-20	Hard	---	---	Moderate.
Wareagle-----	>60	---	---	---	Moderate.
Rock outcrop.					
63*:					
Gooding-----	>60	---	40-60	Thin	Low.
Gariper-----	>60	---	40-60	Thin	Low.
64-----	>60	---	---	---	Moderate.
Goose Creek					
65*:					
Graveya-----	>60	---	---	---	Low.
Ratsnest-----	30-40	Soft	---	---	Low.
Rock outcrop.					
66*:					
Graylock-----	40-60	Hard	---	---	Low.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
66*: Takeuchi-----	20-40	Hard	---	---	Moderate.
67*: Hades-----	>60	---	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.
68*: Hardtrigger-----	>60	---	---	---	Low.
Arbidge-----	>60	---	20-40	Thin	Low.
69*: Hardtrigger-----	>60	---	---	---	Low.
Briabbit-----	20-40	Soft	---	---	Low.
Tindahay-----	>60	---	---	---	Low.
70*: Hardtrigger-----	>60	---	---	---	Low.
Cottle-----	10-20	Hard	---	---	Low.
Midraw-----	20-35	Hard	14-20	Thick	Low.
71*: Hardtrigger-----	>60	---	---	---	Low.
Enko-----	>60	---	---	---	Moderate.
72*: Hardtrigger-----	>60	---	---	---	Low.
Gariper-----	>60	---	40-60	Thin	Low.
Diawell-----	>60	---	14-20	Thin	Low.
73*: Hardtrigger-----	>60	---	---	---	Low.
Goose Creek-----	>60	---	---	---	Moderate.
74*: Hardtrigger-----	>60	---	---	---	Low.
Scism-----	>60	---	20-40	Thin	Low.
75*: Hardtrigger-----	>60	---	---	---	Low.
Snowmore-----	21-40	Hard	20-34	Thick	Moderate.
Vickery-----	>60	---	20-40	Thick	Low.
76*: Hat-----	20-40	Hard	---	---	Moderate.
Avtable-----	14-20	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
76*: Monasterio-----	20-40	Hard	---	---	Moderate.
77*: Hat-----	20-40	Hard	---	---	Moderate.
Nagitsy-----	20-40	Hard	---	---	Moderate.
Rock outcrop.					
78*: Hat-----	20-40	Hard	---	---	Moderate.
Rock outcrop.					
Nipintuck-----	4-10	Hard	---	---	Low.
79*: Hat-----	20-40	Hard	---	---	Moderate.
Zecanyon-----	20-40	Hard	---	---	Moderate.
80*: Haw-----	>60	---	---	---	Low.
Renslow-----	>60	---	---	---	Low.
81*: Heckison-----	22-40	Hard	21-36	Thick	Low.
Bigflat-----	>60	---	---	---	Low.
82*: Heckison-----	22-40	Hard	21-36	Thick	Low.
Freshwater-----	16-40	Hard	12-20	Thick	Low.
83*: Heckison-----	22-40	Hard	21-36	Thick	Low.
Insidert-----	21-40	Hard	20-37	Thick	Low.
Bigflat-----	>60	---	---	---	Low.
84*: Hotcreek-----	8-14	Hard	6-12	Thin	Low.
Troughs-----	20-40	Hard	12-20	Thick	Low.
85*: Hurryback-----	>60	---	---	---	Moderate.
Hat-----	20-40	Hard	---	---	Moderate.
Avtable-----	14-20	Hard	---	---	Moderate.
86*: Hurryback-----	>60	---	---	---	Moderate.
Wickahoney-----	10-20	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
87*:					
Igert-----	25-40	Hard	---	---	Low.
Willhill-----	21-40	Hard	---	---	Low.
Hardtrigger-----	>60	---	---	---	Low.
88*:					
Insidert-----	21-40	Hard	20-37	Thick	Low.
Tanner-----	40-60	Hard	20-40	Thick	Low.
89*:					
Jumpcreek-----	22-40	Hard	---	---	Low.
Frenchjohn-----	24-40	Hard	---	---	Moderate.
90*:					
Kanlee-----	20-40	Soft	---	---	Moderate.
Ola-----	20-40	Hard	---	---	Moderate.
Quicksilver-----	10-20	Hard	---	---	Moderate.
91*:					
Kanlee-----	20-40	Soft	---	---	Moderate.
Poisoncreek-----	14-20	Hard	---	---	Moderate.
Ola-----	20-40	Hard	---	---	Moderate.
92*:					
Kiyi-----	>60	---	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.
Hades-----	>60	---	---	---	Moderate.
93*:					
Larioscamp-----	21-40	Hard	20-36	Thick	Low.
Dishpan-----	20-40	Hard	---	---	Low.
Brace-----	22-40	Hard	20-37	Thick	Low.
94*:					
Larioscamp-----	21-40	Hard	20-36	Thick	Low.
Freshwater-----	16-40	Hard	12-20	Thick	Low.
95*:					
Longcreek-----	14-20	Hard	---	---	Low.
Hurryback-----	>60	---	---	---	Moderate.
Succor-----	>60	---	---	---	Moderate.
96*:					
Loomis-----	8-14	Hard	---	---	Low.
Fairylawn-----	21-40	Hard	20-35	Thick	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
97*:					
Loomis-----	8-14	Hard	---	---	Low.
Haw-----	>60	---	---	---	Low.
98*:					
Lostvalley-----	25-40	Hard	---	---	Moderate.
Budlewis-----	21-40	Hard	20-39	Thick	Moderate.
99*:					
Mackey-----	20-40	Hard	---	---	Low.
Cottle-----	10-20	Hard	---	---	Low.
100*:					
McKeeth-----	>60	---	---	---	Low.
Veta-----	>60	---	---	---	Moderate.
101*:					
Merlin-----	10-20	Hard	---	---	Moderate.
Lostvalley-----	25-40	Hard	---	---	Moderate.
Chayson-----	45-60	Hard	20-40	Thick	Moderate.
102*:					
Minveno-----	20-40	Hard	10-20	Thick	Low.
Roseworth-----	>50	Hard	10-20	Thick	Low.
103*:					
Mollic Haploxeralfs----	20-60	Hard	---	---	Moderate.
Facic Argixerolls----	>40	Soft	---	---	Moderate.
104*:					
Monasterio-----	20-40	Hard	---	---	Moderate.
Chayson-----	45-60	Hard	20-40	Thick	Moderate.
Budlewis-----	21-40	Hard	20-39	Thick	Moderate.
105*:					
Monasterio-----	20-40	Hard	---	---	Moderate.
Cleavage-----	14-20	Hard	---	---	Moderate.
Saturday-----	40-60	Hard	---	---	Moderate.
106*:					
Monasterio-----	20-40	Hard	---	---	Moderate.
Cleavage-----	14-20	Hard	---	---	Moderate.
Thacker-----	>60	---	20-40	Thin	Moderate.
107*:					
Monasterio-----	20-40	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
107*: Wickahoney-----	10-20	Hard	---	---	Moderate.
108----- Mulshoe	20-40	Hard	---	---	Moderate.
109*: Mulshoe-----	20-40	Hard	---	---	Moderate.
Squawcreek-----	11-20	Hard	---	---	Moderate.
Gaib-----	10-20	Hard	---	---	Moderate.
110*: Nagitsy-----	20-40	Hard	---	---	Moderate.
Rock outcrop.					
Parkay-----	40-60	Soft	---	---	Moderate.
111*: Nazaton-----	>60	---	---	---	Moderate.
Naz-----	40-60	Soft	---	---	Moderate.
112*: Nipintuck-----	4-10	Hard	---	---	Low.
Rock outcrop.					
113*: Nipintuck-----	4-10	Hard	---	---	Low.
Squawcreek-----	11-20	Hard	---	---	Moderate.
Rock outcrop.					
114*: Northcastle-----	>60	---	21-40	Thick	Moderate.
Bluecreek-----	>60	---	20-40	Thick	Moderate.
Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.
115*: Northcastle-----	>60	---	21-40	Thick	Moderate.
Wagonbox-----	12-23	Hard	11-20	Thick	Moderate.
Fryingpan-----	10-20	Hard	---	---	Moderate.
116*: Ola-----	20-40	Hard	---	---	Moderate.
Earcree-----	>60	---	---	---	Moderate.
117*: Orovada-----	>60	---	---	---	Moderate.
Roseworth-----	>50	Hard	10-20	Thick	Low.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
117*: Wholan-----	>60	---	---	---	Low.
118*: Owsel-----	>60	---	---	---	Low.
Coonskin-----	40-60	Hard	20-30	Thick	Low.
Orovada-----	>60	---	---	---	Moderate.
119----- Parkay	40-60	Soft	---	---	Moderate.
120*: Parkay-----	40-60	Soft	---	---	Moderate.
Bregar-----	5-12	Hard	---	---	Low.
121*: Parkay-----	40-60	Soft	---	---	Moderate.
Dehana-----	>60	---	---	---	Moderate.
122*: Parkay-----	40-60	Soft	---	---	Moderate.
Dehana-----	>60	---	---	---	Moderate.
Booneville-----	>60	---	---	---	Moderate.
123*: Parkay-----	40-60	Soft	---	---	Moderate.
Povey-----	>60	---	---	---	Moderate.
124*: Parkay-----	40-60	Soft	---	---	Moderate.
Wickahoney-----	10-20	Hard	---	---	Moderate.
125----- Paynecreek	>60	---	---	---	Moderate.
126*: Paynecreek-----	40-60	Soft	---	---	Moderate.
Barkley-----	>60	---	---	---	Moderate.
Chayson-----	45-60	Hard	20-40	Thick	Moderate.
127*: Paynecreek-----	>60	---	---	---	Moderate.
Northcastle-----	>60	---	21-40	Thick	Moderate.
128*: Paynecreek-----	40-60	Soft	---	---	Moderate.
Northcastle-----	>60	---	21-40	Thick	Moderate.
Blackwell-----	>60	---	---	---	High.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
129*: Perla-----	20-40	Hard	---	---	Low.
Ruclick-----	20-40	Hard	---	---	Low.
130*. Pits, gravel					
131*. Pits and Dumps, mine					
132*: Pixley-----	>60	---	14-20	Thin	Moderate.
Barkley-----	>60	---	---	---	Moderate.
133*: Playas.					
Duric Natrargids-----	>60	---	>40	Thin	Low.
134*: Plush-----	40-60	Hard	---	---	Low.
Rubbleland.					
Rock outcrop.					
135*: Poisoncreek-----	14-20	Hard	---	---	Moderate.
Kanlee-----	20-40	Soft	---	---	Moderate.
136*: Poisoncreek-----	14-20	Hard	---	---	Moderate.
Kanlee-----	20-40	Soft	---	---	Moderate.
Bauscher-----	40-60	Soft	---	---	Moderate.
137*: Povey-----	40-60	Hard	---	---	Moderate.
Dehana-----	>60	---	---	---	Moderate.
138*: Povey-----	>60	---	---	---	Moderate.
Earcree-----	>60	---	---	---	Moderate.
139*: Povey-----	40-60	Hard	---	---	Moderate.
Nagitsy-----	20-40	Hard	---	---	Moderate.
140*: Quicksilver-----	10-20	Hard	---	---	Moderate.
Takeuchi-----	20-40	Hard	---	---	Moderate.
Rock outcrop.					

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
141*: Ratsnest-----	30-40	Soft	---	---	Low.
Ornea-----	>60	---	---	---	Low.
142*: Roca-----	20-40	Hard	---	---	Low.
Freshwater-----	16-40	Hard	12-20	Thick	Low.
143*: Rock outcrop.					
Xerollic Haplargids----	>60	---	---	---	Low.
144*: Rubbleland.					
Rock outcrop.					
Pachic Argixerolls----	>40	Soft	---	---	Moderate.
145*: Salisbury-----	>60	---	20-40	Thick	Moderate.
Gacey-----	>60	---	14-20	Thin	High.
Barnard-----	>60	---	20-40	Thick	Moderate.
146*: Saturday-----	40-60	Hard	---	---	Moderate.
Mulshoe-----	20-40	Hard	---	---	Moderate.
147, 148----- Scism	>60	---	20-40	Thin	Low.
149*: Scism-----	>60	---	20-40	Thin	Low.
Coonskin-----	40-60	Hard	20-30	Thick	Low.
150*: Sharesnout-----	20-30	Hard	---	---	Moderate.
Bregar-----	5-12	Hard	---	---	Low.
151*: Sharesnout-----	20-30	Hard	---	---	Moderate.
Bregar-----	5-12	Hard	---	---	Low.
Coser-----	20-40	Soft	---	---	Moderate.
152*: Sharesnout-----	20-30	Hard	---	---	Moderate.
Budlewis-----	21-40	Hard	20-39	Thick	Moderate.
153*: Sharesnout-----	20-30	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
153*: Coser-----	20-40	Soft	---	---	Moderate.
Threek-----	>60	---	---	---	Moderate.
154*: Sharesnout-----	20-30	Hard	---	---	Moderate.
Monasterio-----	20-40	Hard	---	---	Moderate.
Pixley-----	>60	---	14-20	Thin	Moderate.
155----- Shoofly	>60	---	9-14	Thick	Low.
156*: Snell-----	20-40	Hard	---	---	Moderate.
Kiyi-----	>60	---	---	---	Moderate.
157*: Snell-----	20-40	Hard	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.
158*: Snowmore-----	21-40	Hard	20-34	Thick	Moderate.
Igert-----	25-40	Hard	---	---	Low.
Bruncan-----	13-37	Hard	11-20	Thick	Low.
159*: Snowmore-----	21-40	Hard	20-34	Thick	Moderate.
Troughs-----	20-40	Hard	12-20	Thick	Low.
160*: Snowmore-----	21-40	Hard	20-34	Thick	Moderate.
Willhill-----	21-40	Hard	---	---	Low.
161*: Southmount-----	>60	---	---	---	Moderate.
Booneville-----	>60	---	---	---	Moderate.
162*: Squawcreek-----	11-20	Hard	---	---	Moderate.
Avtable-----	14-20	Hard	---	---	Moderate.
Wagonbox-----	12-23	Hard	11-20	Thick	Moderate.
163*: Squawcreek-----	11-20	Hard	---	---	Moderate.
Wickahoney-----	10-20	Hard	---	---	Moderate.
164*: Squawcreek-----	11-20	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
164*: Zecanyon-----	20-40	Hard	---	---	Moderate.
165*: Strickland-----	20-40	Hard	---	---	Moderate.
Dehana-----	>60	---	---	---	Moderate.
Parkay-----	40-60	Soft	---	---	Moderate.
166*: Succor-----	>60	---	---	---	Moderate.
Gooding-----	>60	---	40-60	Thin	Low.
Deshler-----	20-40	Soft	---	---	Moderate.
167----- Sugarcreek	20-40	Hard	---	---	Low.
168*: Takeuchi-----	20-40	Hard	---	---	Moderate.
Earcree-----	>60	---	---	---	Moderate.
Rock outcrop.					
169*: Takeuchi-----	20-40	Hard	---	---	Moderate.
Kanlee-----	20-40	Soft	---	---	Moderate.
Poisoncreek-----	14-20	Hard	---	---	Moderate.
170*: Takeuchi-----	20-40	Hard	---	---	Moderate.
Quicksilver-----	10-20	Hard	---	---	Moderate.
171----- Tanner	40-60	Hard	20-40	Thick	Low.
172*: Tanner-----	40-60	Hard	20-40	Thick	Low.
Dishpan-----	20-40	Hard	---	---	Low.
173*: Thacker-----	>60	---	20-40	Thin	Moderate.
Cleavage-----	14-20	Hard	---	---	Moderate.
Bigflat-----	>60	---	---	---	Low.
174*: Thacker-----	>60	---	20-40	Thin	Moderate.
Cleavage-----	14-20	Hard	---	---	Moderate.
Sharesnout-----	20-30	Hard	---	---	Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
175*:					
Thacker-----	>60	---	20-40	Thin	Moderate.
Monasterio-----	20-40	Hard	---	---	Moderate.
Cleavage-----	14-20	Hard	---	---	Moderate.
176*:					
Threek-----	>60	---	---	---	Moderate.
Barkley-----	>60	---	---	---	Moderate.
Blackleg-----	>60	---	20-40	Thick	Moderate.
177*:					
Threek-----	>60	---	---	---	Moderate.
Blackleg-----	>60	---	20-40	Thick	Moderate.
Hatpeak-----	>60	---	20-30	Thick	Moderate.
178*:					
Tindahay-----	>60	---	---	---	Low.
Royal-----	>60	---	---	---	Low.
Badlands.					
179*:					
Troughs-----	20-40	Hard	12-20	Thick	Low.
Arbidge-----	>60	---	20-40	Thin	Low.
180*:					
Troughs-----	20-40	Hard	12-20	Thick	Low.
Jenor-----	>60	---	20-30	Thick	Low.
Laped-----	20-30	Hard	14-20	Thick	Low.
181*:					
Troughs-----	20-40	Hard	12-20	Thick	Low.
Owsel-----	>60	---	---	---	Low.
182*:					
Troughs-----	20-40	Hard	12-20	Thick	Low.
Sugarcreek-----	20-40	Hard	---	---	Low.
183*:					
Tucker-----	>60	---	---	---	High.
Zola-----	>60	---	---	---	Moderate.
184*:					
Typic Haploxerolls----	20-60	Soft	---	---	Moderate.
Pachic Argixerolls----	>40	Soft	---	---	Moderate.
Badlands.					

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
185*: Typic Torripsamments----	>20	Soft	---	---	Low.
Typic Torrifluvents----	>60	---	---	---	Low.
186*: Typic Torripsamments----	>20	Soft	---	---	Low.
Typic Torriorthents----	20-60	Soft	---	---	Low.
187*: Upcreek----- Riverwash.	>60	---	---	---	Moderate.
188*: Vickery----- Snowmore-----	>60 21-40	--- Hard	20-40 20-34	Thick Thick	Low. Moderate.
189*: Vipont----- Bauscher-----	20-40 40-60	Hard Soft	--- ---	--- ---	Moderate. Moderate.
190----- Vitale	20-40	Hard	---	---	Moderate.
191*: Vitale----- Cleavage----- Bauscher-----	20-40 14-20 40-60	Hard Hard Soft	--- --- ---	--- --- ---	Moderate. Moderate. Moderate.
192*: Vitale----- Itca----- Rubbleland.	20-40 10-20	Hard Hard	--- ---	--- ---	Moderate. Moderate.
193*: Vitale----- Mulshoe----- Itca-----	20-40 20-40 10-20	Hard Hard Hard	--- --- ---	--- --- ---	Moderate. Moderate. Moderate.
194*: Vitale----- Rock outcrop.	20-40	Hard	---	---	Moderate.
195*: Wagonbox----- Deunah----- Hatpeak-----	12-23 22-40 >60	Hard Hard ---	11-20 20-34 20-30	Thick Thick Thick	Moderate. Moderate. Moderate.

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
196*: Wareagle-----	>60	---	---	---	Moderate.
Povey-----	>60	---	---	---	Moderate.
197*: Weash-----	10-20	Soft	---	---	Low.
Ruclick-----	20-40	Hard	---	---	Low.
198*: Weash-----	10-20	Soft	---	---	Low.
Schnipper-----	>60	---	20-40	Thin	Low.
199----- Welch	>60	---	---	---	High.
200*: Welch-----	>60	---	---	---	High.
Upcreek-----	>60	---	---	---	Moderate.
201*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Blackleg-----	>60	---	20-40	Thick	Moderate.
Thacker-----	>60	---	20-40	Thin	Moderate.
202*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Budlewis-----	21-40	Hard	20-39	Thick	Moderate.
203*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Doodlelink-----	>60	---	---	---	Moderate.
204*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Monasterio-----	20-40	Hard	---	---	Moderate.
Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.
205*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Parkay-----	40-60	Soft	---	---	Moderate.
Bregar-----	5-12	Hard	---	---	Low.
206*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Wagonbox-----	12-23	Hard	11-20	Thick	Moderate.
Rubbleland.					

See footnote at end of table.

Table 13.--Soil Features--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action
	Depth	Hardness	Depth	Thickness	
	In		In		
207*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Zecanyon-----	20-40	Hard	---	---	Moderate.
208*: Wickahoney-----	10-20	Hard	---	---	Moderate.
Zecanyon-----	20-40	Hard	---	---	Moderate.
Hat-----	20-40	Hard	---	---	Moderate.
209*: Willhill-----	21-40	Hard	---	---	Low.
Bedstead-----	22-40	Hard	21-36	Thin	Low.
210*: Willhill-----	21-40	Hard	---	---	Low.
Cottle-----	10-20	Hard	---	---	Low.
211*: Willhill-----	21-40	Hard	---	---	Low.
Cottle-----	10-20	Hard	---	---	Low.
Longcreek-----	14-20	Hard	---	---	Low.
212*: Xeric Torriorthents---	>20	Hard	---	---	Low.
Typic Torriorthents---	20-60	Soft	---	---	Low.
Badlands.					
213*: Xerollic Haplargids---	>60	---	---	---	Low.
Xerollic Paleargids---	>20	Hard	---	---	Low.
Rubbleland.					
214*: Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.
Nicholflat-----	>60	---	14-20	Thick	Moderate.
215*: Yatahoney-----	24-40	Hard	20-38	Thick	Moderate.
Zecanyon-----	20-40	Hard	---	---	Moderate.
Deunah-----	22-40	Hard	20-34	Thick	Moderate.
216*: Zola-----	>60	---	---	---	Moderate.
Welch-----	>60	---	---	---	High.

* See description of the map unit for composition and behavior characteristics of the map unit.

Table 14.--Classification of the Soils

Soil name	Family or higher taxonomic class
Acrelane-----	Loamy-skeletal, mixed, mesic, shallow Aridic Argixerolls
Alibi-----	Fine, montmorillonitic, mesic Typic Paleixerolls
Alzola-----	Loamy-skeletal, mixed, frigid Durixerollic Haplargids
Arbidge-----	Fine-loamy, mixed, mesic Xerollic Durargids
Arness-----	Loamy, mixed, frigid, shallow Aridic Durixerolls
Avtable-----	Loamy-skeletal, mixed, frigid Lithic Mollic Haploxerafals
Babington-----	Fine-loamy, mixed, mesic Aridic Calcic Argixerolls
Barkley-----	Fine-loamy, mixed, frigid Duric Argixerolls
Barnard-----	Fine, montmorillonitic, mesic Aridic Durixerolls
Bauscher-----	Fine-loamy, mixed, frigid Pachic Ultic Argixerolls
Bedstead-----	Clayey-skeletal, montmorillonitic, mesic Abruptic Xerollic Durargids
Beetville-----	Coarse-loamy, mixed, mesic Fluventic Haploxerolls
Bieber-----	Clayey, montmorillonitic, mesic, shallow Aridic Durixerolls
Bigflat-----	Fine, montmorillonitic, frigid Aridic Paleixerolls
Blackleg-----	Clayey-skeletal, montmorillonitic, frigid Typic Durixerolls
Blackwell-----	Fine-loamy, mixed Typic Cryaquolls
Bluecreek-----	Fine, montmorillonitic, frigid Haplic Durixeralfs
Booford-----	Fine, montmorillonitic, frigid Typic Argixerolls
Booneville-----	Loamy-skeletal, mixed Argic Pachic Cryoborolls
Boulder Lake-----	Fine, montmorillonitic, frigid Aquic Chromoxererts
Brace-----	Fine-loamy, mixed, frigid Xerollic Durargids
Bregar-----	Loamy-skeletal, mixed, frigid Lithic Xerollic Haplargids
Briabbit-----	Coarse-loamy, mixed, mesic Xerollic Camborthids
Bruncan-----	Loamy, mixed, mesic, shallow Xerollic Durargids
Brunzell-----	Loamy-skeletal, mixed, frigid Typic Haploxerolls
Budlewis-----	Fine, montmorillonitic, frigid Typic Durixerolls
Buncelvoir-----	Fine, montmorillonitic, mesic Xerollic Haplargids
Catchell-----	Fine, montmorillonitic, mesic Abruptic Xerollic Durargids
Chayson-----	Fine-loamy, mixed, frigid Typic Durixerolls
Chilcott-----	Fine, montmorillonitic, mesic Abruptic Xerollic Durargids
Chinabutte-----	Loamy-skeletal, mixed, mesic Lithic Argixerolls
Cleavage-----	Loamy-skeletal, mixed, frigid Lithic Argixerolls
Coonskin-----	Loamy-skeletal, mixed, mesic Xerollic Durorthids
Coser-----	Fine, montmorillonitic, frigid Typic Paleixerolls
Cottle-----	Loamy-skeletal, mixed, mesic Lithic Xerollic Haplargids
Dehana-----	Fine-loamy, mixed Argic Pachic Cryoborolls
Deshler-----	Fine, montmorillonitic, mesic Pachic Argixerolls
Deunah-----	Very-fine, montmorillonitic, frigid Abruptic Durixeralfs
Diawell-----	Loamy, mixed, mesic, shallow Haploxerollic Durargids
Dishpan-----	Fine-loamy, mixed, frigid Aridic Calcic Argixerolls
Dollarhide-----	Loamy-skeletal, mixed Lithic Cryoborolls
Doodlelink-----	Loamy-skeletal, mixed, frigid Pachic Ultic Haploxerolls
Dougal-----	Loamy, mixed, mesic Lithic Xerollic Haplargids
Dranyon-----	Fine-loamy, mixed Argic Pachic Cryoborolls
Duco-----	Loamy-skeletal, mixed, mesic Lithic Argixerolls
Duric Natrargids-----	Duric Natrargids
Earcree-----	Coarse-loamy, mixed Pachic Cryoborolls
Enko-----	Coarse-loamy, mixed, mesic Durixerollic Camborthids
Escalante-----	Coarse-loamy, mixed, mesic Xerollic Calciorthids
Fairylawn-----	Fine, montmorillonitic, mesic Abruptic Durixeralfs
Fosmount-----	Loamy-skeletal, mixed Typic Cryoborolls
Frenchjohn-----	Clayey-skeletal, montmorillonitic, mesic Typic Paleixerolls
Freshwater-----	Loamy, mixed, frigid, shallow Xerollic Durargids
Fryingpan-----	Loamy, mixed, frigid Lithic Haploxerafals
Fulcrum-----	Ashy-skeletal, frigid Vitrandic Haploxerolls
Gacey-----	Clayey-skeletal, montmorillonitic, mesic, shallow Aridic Durixerolls
Gaib-----	Loamy-skeletal, mixed, frigid Lithic Ultic Argixerolls
Gariper-----	Fine, montmorillonitic, mesic Xerollic Paleargids
Gooding-----	Fine, montmorillonitic, mesic Xerollic Paleargids
Goose Creek-----	Fine-loamy, mixed, mesic Cumulic Haploxerolls
Graveya-----	Loamy-skeletal, mixed, mesic Xerollic Camborthids
Graylock-----	Sandy-skeletal, mixed Typic Cryorthents
Hades-----	Fine-loamy, mixed, frigid Pachic Argixerolls
Hardtrigger-----	Fine-loamy, mixed, mesic Xerollic Haplargids
Hat-----	Loamy-skeletal, mixed, frigid Mollic Haploxerafals

Table 14.--Classification of the Soils--Continued

Soil name	Family or higher taxonomic class
Hatpeak-----	Fine, montmorillonitic, frigid Typic Durixerolls
Haw-----	Fine-loamy, mixed, mesic Aridic Calcic Argixerolls
Heckison-----	Fine-loamy, mixed, frigid Aridic Durixerolls
Hotcreek-----	Loamy-skeletal, mixed, mesic, shallow Xerollic Durargids
Humdun-----	Coarse-loamy, mixed, frigid Durixerollic Camborthids
Hunnton-----	Fine, montmorillonitic, mesic Xerollic Durargids
Hurryback-----	Fine-loamy, mixed, frigid Pachic Argixerolls
Igert-----	Fine-loamy, mixed, mesic Durixerollic Haplargids
Insidert-----	Fine, montmorillonitic, frigid Abruptic Aridic Durixerolls
Itca-----	Clayey-skeletal, montmorillonitic, frigid Lithic Argixerolls
Je nor-----	Coarse-loamy, mixed, mesic Typic Durorthids
Jumpcreek-----	Clayey-skeletal, montmorillonitic, mesic Durargidic Argixerolls
Kanlee-----	Fine-loamy, mixed, frigid Typic Argixerolls
Kiyi-----	Fine, montmorillonitic, frigid Pachic Ultic Argixerolls
Lamonta-----	Fine, montmorillonitic, mesic Abruptic Aridic Durixerolls
Laped-----	Loamy, mixed, mesic, shallow Typic Durargids
Larioscamp-----	Fine, montmorillonitic, frigid Xerollic Durargids
Longcreek-----	Clayey-skeletal, montmorillonitic, mesic Lithic Argixerolls
Loomis-----	Clayey-skeletal, montmorillonitic, mesic Lithic Xerollic Haplargids
Lostvalley-----	Fine, montmorillonitic, frigid Typic Palexeralfs
Mackey-----	Loamy-skeletal, mixed, mesic Xerollic Camborthids
McKeeth-----	Fine-loamy, mixed, mesic Duric Haplargids
Merlin-----	Clayey, montmorillonitic, frigid Lithic Argixerolls
Midraw-----	Clayey, montmorillonitic, mesic, shallow Xerollic Durargids
Minveno-----	Loamy, mixed, mesic, shallow Xerollic Durorthids
Mollic Haploxeralfs-----	Mollic Haploxeralfs
Monasterio-----	Ashy-skeletal, frigid Vitrandic Argixerolls
Mulshoe-----	Loamy-skeletal, mixed, frigid Ultic Argixerolls
Murphill-----	Loamy-skeletal, mixed, mesic Lithic Calcicorthids
Nagitsy-----	Loamy-skeletal, mixed Pachic Cryoborolls
Naz-----	Coarse-loamy, mixed Pachic Cryoborolls
Nazaton-----	Loamy-skeletal, mixed Pachic Cryoborolls
Nicholflat-----	Clayey, montmorillonitic, frigid, shallow Abruptic Durixeralfs
Nipintuck-----	Loamy-skeletal, mixed, nonacid, frigid Lithic Xeric Torriorthents
Northcastle-----	Fine-loamy, mixed, frigid Typic Durixerolls
Ola-----	Coarse-loamy, mixed, frigid Pachic Haploxerolls
Ornea-----	Fine-loamy over sandy or sandy-skeletal, mixed, mesic Typic Haplargids
Orovada-----	Coarse-loamy, mixed, mesic Durixerollic Camborthids
Owsel-----	Fine-silty, mixed, mesic Durixerollic Haplargids
Pachic Argixerolls-----	Pachic Argixerolls
Parkay-----	Loamy-skeletal, mixed Argic Pachic Cryoborolls
Paynecreek-----	Fine-loamy, mixed, frigid Typic Argixerolls
Perla-----	Fine, montmorillonitic, mesic Aridic Argixerolls
Piline-----	Fine, montmorillonitic, mesic Aquic Chromoxererts
Pixley-----	Loamy, mixed, frigid, shallow Argic Durixerolls
Plush-----	Loamy-skeletal, mixed, mesic Xerollic Haplargids
Poisoncreek-----	Loamy-skeletal, mixed, frigid Lithic Argixerolls
Povey-----	Loamy-skeletal, mixed Pachic Cryoborolls
Quicksilver-----	Loamy, mixed, frigid Lithic Haploxerolls
Ratsnest-----	Fine, montmorillonitic, mesic Typic Haplargids
Renslow-----	Coarse-silty, mixed, mesic Aridic Calcic Argixerolls
Roca-----	Clayey-skeletal, montmorillonitic, frigid Xerollic Haplargids
Roseworth-----	Loamy, mixed, mesic, shallow Xerollic Durargids
Royal-----	Coarse-loamy, mixed, mesic Xerollic Camborthids
Ruclick-----	Clayey-skeletal, montmorillonitic, mesic Aridic Argixerolls
Salisbury-----	Fine, montmorillonitic, mesic Abruptic Durixerolls
Saturday-----	Loamy-skeletal, mixed, frigid Vitrandic Argixerolls
Schnipper-----	Fine-loamy, mixed, mesic Aridic Durixerolls
Scism-----	Coarse-silty, mixed, mesic Haploxerollic Durorthids
Sharesnout-----	Clayey-skeletal, montmorillonitic, frigid Typic Argixerolls
Shoofly-----	Loamy, mixed, mesic, shallow Typic Durargids
Snell-----	Clayey-skeletal, montmorillonitic, frigid Pachic Argixerolls
Snowmore-----	Fine-loamy, mixed, mesic Xerollic Durargids
Southmount-----	Fine-loamy, mixed Argic Pachic Cryoborolls
Squawcreek-----	Clayey, montmorillonitic, frigid Lithic Mollic Haploxeralfs

Table 14.--Classification of the Soils--Continued

Soil name	Family or higher taxonomic class
Strickland-----	Fine-loamy, mixed Pachic Cryoborolls
Succor-----	Fine, montmorillonitic, mesic Typic Palexerolls
Sugarcreek-----	Loamy-skeletal, mixed, mesic Durixerollic Camborthids
Takeuchi-----	Coarse-loamy, mixed, frigid Typic Haploxerolls
Tanner-----	Fine, montmorillonitic, frigid Aridic Durixerolls
Thacker-----	Fine, montmorillonitic, frigid Abruptic Durixeralfs
Threek-----	Clayey-skeletal, montmorillonitic, frigid Typic Argixerolls
Tindahay-----	Sandy, mixed, mesic Xeric Torriorthents
Troughs-----	Loamy-skeletal, mixed, mesic, shallow Xerollic Durargids
Tucker-----	Fine, montmorillonitic, frigid Cumulic Haploxerolls
Typic Haploxerolls-----	Typic Haploxerolls
Typic Torrifluvents-----	Typic Torrifluvents
Typic Torriorthents-----	Typic Torriorthents
Typic Torripsamments-----	Typic Torripsamments
Upcreek-----	Fine-loamy over sandy or sandy-skeletal, mixed, frigid Cumulic Haploxerolls
Veta-----	Loamy-skeletal, mixed, mesic Xerollic Camborthids
Vickery-----	Fine-loamy, mixed, mesic Xerollic Durorthids
Vipont-----	Loamy-skeletal, mixed, frigid Pachic Argixerolls
Vitale-----	Loamy-skeletal, mixed, frigid Typic Argixerolls
Wagonbox-----	Clayey-skeletal, montmorillonitic, frigid, shallow Typic Durixeralfs
Wareagle-----	Loamy-skeletal, mixed Typic Cryoborolls
Weash-----	Ashy, mesic, shallow Vitrixerandic Camborthids
Welch-----	Fine-loamy, mixed, frigid Cumulic Haplaquolls
Wholan-----	Coarse-silty, mixed, mesic Typic Camborthids
Wickahoney-----	Clayey-skeletal, montmorillonitic, frigid Lithic Mollic Haploxeralfs
Willhill-----	Loamy-skeletal, mixed, mesic Durixerollic Haplargids
Xeric Torriorthents-----	Xeric Torriorthents
Xerollic Haplargids-----	Xerollic Haplargids
Xerollic Paleargids-----	Xerollic Paleargids
Yatahoney-----	Fine, montmorillonitic, frigid Typic Durixeralfs
Zecanyon-----	Fine, montmorillonitic, frigid Mollic Haploxeralfs
Zola-----	Fine-loamy, mixed, frigid Cumulic Haploxerolls

