United States
Department of
Agriculture

Soil
Conservation
Service

In cooperation with
United States Department
of the Interior, Bureau of
Land Management;
United States Department
of Agriculture, Forest
Service; and Oregon
Agricultural Experiment
Station

Soil Survey of Jackson County Area, Oregon

Tables

TABLE 1.--TEMPERATURE AND PRECIPITATION

(Recorded in the period 1951-79 at Medford and Prospect, Oregon, and 1964-79 at Ruch, Oregon)

Month	Temperature						Precipitation				
				2 years in 10 will have--				2 years in 10 will have--			
	Average daily maximum	Average daily minimum	Average	Maximum temperature higher than--	Minimum temperature lower than--	Average number of growing degree days*	Average	Less than--	More than--	Average number of days with 0.10 inch or more	Average snowfall
	°F	°F	°F	°F	°F	Units	In	In	In		In
MEDFORD:											
January----	45.0	30.3	37.7	63	14	70	3.45	1.81	4.87	8	3.5
February---	52.8	31.9	42.4	69	18	113	2.13	.90	3.16	6	1.4
March------	57.2	34.0	45.6	76	22	188	1.87	.81	2.77	6	1.3
April------	63.9	36.9	50.4	86	26	321	1.04	.49	1.51	4	.5
May--------	72.3	42.8	57.6	94	31	546	1.20	.36	1.88	4	.0
June-------	81.2	49.4	65.3	101	36	759	.66	.07	1.09	2	.0
July-------	90.7	54.3	72.5	106	41	1,008	.26	---	.43	1	.0
August-----	88.8	53.7	71.3	105	42	970	.48	.01	.81	2	.0
September--	82.8	47.5	65.2	102	34	756	.77	.20	1.22	2	.0
October----	68.6	39.6	54.1	92	26	437	1.68	.37	2.70	4	.1
November---	52.6	34.4	43.5	72	18	136	2.91	1.03	4.46	8	1.2
December---	44.2	31.3	37.8	63	14	72	3.52	1.56	5.19	8	2.2
Yearly:											
Average---	66.7	40.5	53.6	---	---	---	---	---	---	---	---
Extreme---	---	---	---	108	10	---	---	---	---	---	---
Total-----	---	---	---	---	---	5,376	19.97	16.32	23.42	55	10.2
PROSPECT:											
January----	45.1	26.9	36.8	62	4	40	7.02	3.62	9.99	13	21.6
February---	51.2	29.0	40.1	71	11	86	4.62	2.48	6.50	10	10.8
March------	54.4	29.6	42.0	75	15	118	4.51	2.35	6.39	11	12.1
April------	61.3	32.0	46.7	83	21	218	2.62	1.58	3.55	7	4.1
May--------	70.0	37.5	53.8	92	25	428	2.28	.91	3.43	6	.3
June-------	78.0	43.0	60.5	97	30	615	1.22	.33	1.95	4	.0
July-------	87.7	46.5	67.1	102	33	840	.29	---	.50	1	.0
August-----	86.3	45.6	66.0	102	33	806	.92	---	1.60	2	.0
September--	81.1	41.4	61.3	99	27	639	1.25	.37	1.98	3	.1
October----	68.3	35.9	52.1	92	23	375	3.72	1.49	5.63	7	.6
November---	52.9	31.7	42.3	73	15	104	6.38	2.67	9.51	11	5.4
December---	45.5	28.4	37.0	61	8	54	7.18	3.53	10.34	13	15.3
Yearly:											
Average---	65.2	35.6	50.4	---	---	---	---	---	---	---	---
Extreme---	---	---	---	104	2	---	---	---	---	---	---
Total-----	---	---	---	---	---	4,323	42.01	34.89	48.84	88	70.3

See footnote at end of table.

TABLE 1.--TEMPERATURE AND PRECIPITATION--Continued

Month	Temperature						Precipitation				
				2 years in 10 will have--				2 years in 10 will have--			
	Average daily maximum	Average daily minimum	Average	Maximum temperature higher than--	Minimum temperature lower than--	Average number of growing degree days*	Average	Less than--	More than--	Average number of days with 0.10 inch or more	Average snowfall
	°F	°F	°F	°F	°F	Units	In	In	In		In
RUCH:											
January----	47.6	29.3	38.5	63	13	45	5.35	3.03	7.41	9	5.6
February---	54.8	30.4	42.6	71	17	106	2.45	1.10	3.60	6	5.1
March------	59.1	32.4	45.8	77	21	201	2.70	.95	4.14	7	2.9
April------	63.9	34.1	49.0	86	22	277	1.53	.80	2.16	5	.3
May--------	74.4	40.1	57.3	94	27	536	.94	.33	1.44	3	.0
June-------	82.0	46.7	64.4	100	34	732	.71	.21	1.12	3	.0
July-------	89.9	50.3	70.1	105	36	933	.28	---	.48	1	.0
August-----	88.1	49.9	69.0	104	38	899	.64	---	1.08	3	.0
September--	82.5	44.6	63.6	101	31	708	1.07	.10	1.80	3	.0
October----	69.7	38.1	53.9	91	24	431	1.85	.52	2.92	5	.0
November---	54.1	34.1	44.1	71	19	136	3.87	1.44	5.88	8	1.2
December---	46.5	30.6	38.6	65	12	74	5.34	2.42	7.83	10	7.3
Yearly:											
Average---	67.7	38.4	53.1	---	---	---	---	---	---	---	---
Extreme---	---	---	---	106	9	---	---	---	---	---	---
Total-----	---	---	---	---	---	5,078	26.73	22.41	30.84	63	22.4

* 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 (40 degrees F).

TABLE 2.--FREEZE DATES IN SPRING AND FALL

(Recorded in the period 1951-79 at Medford and Prospect, Oregon, and 1964-79 at Ruch, Oregon)

Probability	Temperature		
	24 °F or lower	28 °F or lower	32 °F or lower
MEDFORD:			
Last freezing temperature in spring:			
1 year in 10 later than--	Apr. 3	May 2	May 22
2 years in 10 later than--	Mar. 22	Apr. 24	May 16
5 years in 10 later than--	Feb. 26	Apr. 7	May 3
First freezing temperature in fall:			
1 year in 10 earlier than--	Oct. 29	Oct. 16	Sept. 25
2 years in 10 earlier than--	Nov. 7	Oct. 22	Oct. 2
5 years in 10 earlier than--	Nov. 24	Nov. 3	Oct. 14
PROSPECT:			
Last freezing temperature in spring:			
1 year in 10 later than--	May 9	May 29	June 25
2 years in 10 later than--	May 3	May 23	June 18
5 years in 10 later than--	Apr. 20	May 12	June 6
First freezing temperature in fall:			
1 year in 10 earlier than--	Oct. 15	Sept. 16	July 30
2 years in 10 earlier than--	Oct. 25	Sept. 22	Aug. 12
5 years in 10 earlier than--	Nov. 14	Oct. 5	Sept. 5

TABLE 2.--FREEZE DATES IN SPRING AND FALL--Continued

Probability	Temperature		
	24 °F or lower	28 °F or lower	32 °F or lower
RUCH:			
Last freezing temperature in spring:			
1 year in 10 later than--	May 1	May 25	June 5
2 years in 10 later than--	Apr. 20	May 15	May 30
5 years in 10 later than--	Mar. 30	Apr. 27	May 20
First freezing temperature in fall:			
1 year in 10 earlier than--	Oct. 22	Sept. 28	Sept. 15
2 years in 10 earlier than--	Nov. 6	Oct. 6	Sept. 22
5 years in 10 earlier than--	Nov. 27	Oct. 20	Oct. 4

TABLE 3.--GROWING SEASON

(Recorded in the period 1951-79 at Medford and Prospect, Oregon, and 1964-79 at Ruch, Oregon)

Probability	Daily minimum temperature during growing season		
	Higher than 24 °F	Higher than 28 °F	Higher than 32 °F
	Days	Days	Days
MEDFORD:			
9 years in 10	230	177	138
8 years in 10	244	188	147
5 years in 10	271	209	163
2 years in 10	297	230	179
1 year in 10	311	241	187
PROSPECT:			
9 years in 10	173	121	46
8 years in 10	185	129	61
5 years in 10	208	145	90
2 years in 10	231	161	120
1 year in 10	243	169	135
RUCH:			
9 years in 10	194	138	118
8 years in 10	210	151	124
5 years in 10	241	175	136
2 years in 10	273	200	148
1 year in 10	289	212	155

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
1B	Abegg gravelly loam, 2 to 7 percent slopes	422	0	422	*
1C	Abegg gravelly loam, 7 to 12 percent slopes	1,764	0	1,764	0.1
2A	Abin silty clay loam, 0 to 3 percent slopes	2,258	0	2,258	0.1
3E	Acker-Dumont complex, 12 to 35 percent north slopes	1,063	0	1,063	0.1
4E	Acker-Dumont complex, 12 to 35 percent south slopes	4,056	0	4,056	0.3
5F	Acker-Norling complex, 35 to 55 percent north slopes	2,393	0	2,393	0.2
6B	Agate-Winlo complex, 0 to 5 percent slopes	21,025	0	21,025	1.3
7C	Aspenlake-Whiteface complex, 1 to 12 percent slopes	0	1,904	1,904	0.1
8A	Barhiskey gravelly loamy sand, 0 to 3 percent slopes	2,198	0	2,198	0.1
9A	Barhiskey Variant gravelly loamy sand, 0 to 3 percent slopes	680	0	680	*
10B	Barron coarse sandy loam, 0 to 7 percent slopes	2,794	0	2,794	0.2
10C	Barron coarse sandy loam, 7 to 12 percent slopes	116	0	116	*
11G	Beekman-Colestine gravelly loams, 50 to 80 percent north slopes	13,258	0	13,258	0.8
12G	Beekman-Colestine gravelly loams, 50 to 75 percent south slopes	14,697	0	14,697	0.9
13C	Bly-Royst complex, 1 to 12 percent slopes	0	10,020	10,020	0.6
13E	Bly-Royst complex, 12 to 35 percent slopes	0	658	658	*
14G	Bogus very gravelly loam, 35 to 65 percent north slopes	857	0	857	0.1
15C	Bogus-Skookum complex, 1 to 12 percent slopes	0	1,041	1,041	0.1
16A	Booth-Kanutchan Variant complex, 0 to 3 percent slopes	0	913	913	0.1
17C	Brader-Debenger loams, 1 to 15 percent slopes	6,533	0	6,533	0.4
17E	Brader-Debenger loams, 15 to 40 percent slopes	4,403	0	4,403	0.3
18C	Bybee loam, 1 to 12 percent slopes	2,686	0	2,686	0.2
19E	Bybee-Tatouche complex, 12 to 35 percent north slopes	12,313	0	12,313	0.8
20E	Bybee-Tatouche complex, 12 to 35 percent south slopes	9,574	0	9,574	0.6
21A	Camas sandy loam, 0 to 3 percent slopes	826	0	826	0.1
22A	Camas gravelly sandy loam, 0 to 3 percent slopes	1,056	0	1,056	0.1
23A	Camas-Newberg-Evans complex, 0 to 3 percent slopes	9,447	0	9,447	0.6
24C	Campfour-Paragon complex, 1 to 12 percent slopes	2,345	4,473	6,818	0.4
24E	Campfour-Paragon complex, 12 to 35 percent slopes	616	634	1,250	0.1
25G	Caris-Offenbacher gravelly loams, 50 to 80 percent north slopes	42,528	0	42,528	2.7
26G	Caris-Offenbacher gravelly loams, 50 to 75 percent south slopes	43,034	0	43,034	2.7
27B	Carney clay, 1 to 5 percent slopes	15,974	0	15,974	1.0
27D	Carney clay, 5 to 20 percent slopes	30,567	0	30,567	1.9
28D	Carney cobbly clay, 5 to 20 percent slopes	4,982	0	4,982	0.3
28E	Carney cobbly clay, 20 to 35 percent slopes	18,540	0	18,540	1.2
29D	Carney cobbly clay, high precipitation, 5 to 20 percent slopes	1,410	0	1,410	0.1
29E	Carney cobbly clay, high precipitation, 20 to 35 percent slopes	166	0	166	*
30E	Carney-Tablerock complex, 20 to 35 percent slopes	2,257	0	2,257	0.1
31A	Central Point sandy loam, 0 to 3 percent slopes	7,099	0	7,099	0.5
32B	Clawson sandy loam, 2 to 5 percent slopes	578	0	578	*
33A	Coker clay, 0 to 3 percent slopes	9,963	0	9,963	0.6
33C	Coker clay, 3 to 12 percent slopes	2,595	0	2,595	0.2
34B	Coleman loam, 0 to 7 percent slopes	4,355	0	4,355	0.3
35A	Cove clay, 0 to 3 percent slopes	2,313	0	2,313	0.1
36G	Coyata-Rock outcrop complex, 35 to 80 percent north slopes	985	0	985	0.1
37G	Coyata-Rock outcrop complex, 35 to 80 percent south slopes	885	0	885	0.1
38C	Crater Lake-Alcot complex, 1 to 12 percent slopes	5,730	0	5,730	0.4
39E	Crater Lake-Alcot complex, 12 to 35 percent north slopes	151	0	151	*
40E	Crater Lake-Alcot complex, 12 to 35 percent south slopes	163	0	163	*
41G	Crater Lake-Rock outcrop complex, 35 to 70 percent north slopes	547	0	547	*
42G	Crater Lake-Rock outcrop complex, 35 to 70 percent south slopes	651	0	651	*
43B	Darow silty clay loam, 1 to 5 percent slopes	1,358	0	1,358	0.1

See footnote at end of table.

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
43D	Darow silty clay loam, 5 to 20 percent slopes	3,858	0	3,858	0.2
43E	Darow silty clay loam, 20 to 35 percent slopes	1,270	0	1,270	0.1
44C	Debenger-Brader loams, 1 to 15 percent slopes	4,884	0	4,884	0.3
44E	Debenger-Brader loams, 15 to 40 percent slopes	3,693	0	3,693	0.2
45G	Donegan gravelly loam, 35 to 65 percent north slopes	683	0	683	*
46G	Donegan gravelly loam, 35 to 65 percent south slopes	606	0	606	*
47C	Donegan-Killet gravelly loams, 3 to 12 percent slopes	1,516	0	1,516	0.1
48E	Donegan-Killet gravelly loams, 12 to 35 percent north slopes	1,611	0	1,611	0.1
49E	Donegan-Killet gravelly loams, 12 to 35 percent south slopes	2,684	0	2,684	0.2
50E	Dubakella very stony clay loam, rocky, 12 to 35 percent slopes	667	0	667	*
50G	Dubakella very stony clay loam, rocky, 35 to 70 percent slopes	727	0	727	*
51C	Dumont gravelly clay loam, 1 to 12 percent slopes	380	0	380	*
52C	Dumont-Coyata gravelly loams, 1 to 12 percent slopes	10,789	0	10,789	0.7
53E	Dumont-Coyata gravelly loams, 12 to 35 percent north slopes	9,850	0	9,850	0.6
53G	Dumont-Coyata gravelly loams, 35 to 60 percent north slopes	4,198	0	4,198	0.3
54E	Dumont-Coyata gravelly loams, 12 to 35 percent south slopes	9,832	0	9,832	0.6
54G	Dumont-Coyata gravelly loams, 35 to 60 percent south slopes	2,514	0	2,514	0.2
55A	Evans loam, 0 to 3 percent slopes	1,168	0	1,168	0.1
56C	Farva very cobbly loam, 3 to 12 percent slopes	15,114	0	15,114	1.0
57E	Farva very cobbly loam, 12 to 35 percent north slopes	15,700	1,197	16,897	1.1
57G	Farva very cobbly loam, 35 to 65 percent north slopes	6,030	247	6,277	0.4
58E	Farva very cobbly loam, 12 to 35 percent south slopes	18,735	254	18,989	1.2
58G	Farva very cobbly loam, 35 to 65 percent south slopes	6,660	59	6,719	0.4
59G	Farva-Rock outcrop complex, 35 to 70 percent north slopes	981	0	981	0.1
60G	Farva-Rock outcrop complex, 35 to 70 percent south slopes	2,846	0	2,846	0.2
61A	Foehlin gravelly loam, 0 to 3 percent slopes	1,529	0	1,529	0.1
62C	Freezener gravelly loam, 1 to 12 percent slopes	12,308	0	12,308	0.8
63E	Freezener gravelly loam, 12 to 35 percent north slopes	16,527	0	16,527	1.0
64E	Freezener gravelly loam, 12 to 35 percent south slopes	18,828	0	18,828	1.2
65C	Freezener-Geppert complex, 1 to 12 percent slopes	10,541	0	10,541	0.7
66E	Freezener-Geppert complex, 12 to 35 percent north slopes	2,081	0	2,081	0.1
66G	Freezener-Geppert complex, 35 to 60 percent north slopes	8,892	0	8,892	0.6
67E	Freezener-Geppert complex, 12 to 35 percent south slopes	5,555	0	5,555	0.4
67G	Freezener-Geppert complex, 35 to 60 percent south slopes	11,318	0	11,318	0.7
68C	Geppert very cobbly loam, 1 to 12 percent slopes	1,627	0	1,627	0.1
69E	Geppert very cobbly loam, 12 to 35 percent north slopes	2,424	0	2,424	0.2
69G	Geppert very cobbly loam, 35 to 70 percent north slopes	1,568	0	1,568	0.1
70E	Geppert very cobbly loam, 12 to 35 percent south slopes	6,941	0	6,941	0.4
70G	Geppert very cobbly loam, 35 to 60 percent south slopes	2,718	15	2,733	0.2
71E	Goolaway silt loam, 20 to 35 percent north slopes	479	0	479	*
71F	Goolaway silt loam, 35 to 50 percent north slopes	1,744	0	1,744	0.1
72E	Goolaway silt loam, 20 to 35 percent south slopes	3,318	0	3,318	0.2
72F	Goolaway silt loam, 35 to 50 percent south slopes	3,081	0	3,081	0.2
73E	Goolaway-Pollard complex, 7 to 30 percent slopes	348	0	348	*
74F	Gravecreek gravelly loam, 35 to 55 percent north slopes	456	0	456	*
74G	Gravecreek gravelly loam, 55 to 80 percent north slopes	460	0	460	*
75E	Gravecreek cobbly loam, 12 to 35 percent south slopes	773	0	773	*
75F	Gravecreek cobbly loam, 35 to 55 percent south slopes	1,269	0	1,269	0.1
75G	Gravecreek cobbly loam, 55 to 80 percent south slopes	949	0	949	0.1
76A	Gregory silty clay loam, 0 to 3 percent slopes	4,167	0	4,167	0.3
77F	Greystoke stony loam, 35 to 55 percent north slopes	101	506	607	*
77G	Greystoke stony loam, 55 to 75 percent north slopes	0	716	716	*
78F	Greystoke stony loam, 35 to 55 percent south slopes	258	1,290	1,548	0.1
79E	Greystoke-Pinehurst complex, 12 to 35 percent north slopes	295	3,540	3,835	0.2
80E	Greystoke-Pinehurst complex, 12 to 35 percent south slopes	655	7,525	8,180	0.5
81G	Heppsie clay, 35 to 70 percent north slopes	3,506	0	3,506	0.2
82G	Heppsie-McMullin complex, 35 to 70 percent south slopes	10,970	0	10,970	0.7

See footnote at end of table.

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
83E	Hobit loam, 12 to 35 percent north slopes	631	0	631	*
83G	Hobit loam, 35 to 60 percent north slopes	987	0	987	0.1
84E	Hobit loam, 12 to 35 percent south slopes	477	0	477	*
84G	Hobit loam, 35 to 60 percent south slopes	1,123	0	1,123	0.1
85A	Hoxie silt loam, 0 to 1 percent slopes	0	2,020	2,020	0.1
86C	Hukill gravelly loam, 1 to 12 percent slopes	8,823	0	8,823	0.6
87F	Jayar very gravelly loam, 12 to 45 percent north slopes	486	0	486	*
87G	Jayar very gravelly loam, 45 to 70 percent north slopes	2,203	0	2,203	0.1
88F	Jayar very gravelly loam, 12 to 45 percent south slopes	858	0	858	0.1
89E	Jayar Variant very gravelly loam, 5 to 35 percent slopes	694	0	694	*
90E	Josephine-Pollard complex, 12 to 35 percent north slopes	1,194	0	1,194	0.1
91E	Josephine-Pollard complex, 12 to 35 percent south slopes	3,694	0	3,694	0.2
92E	Josephine-Speaker complex, 12 to 35 percent north slopes	1,237	0	1,237	0.1
92F	Josephine-Speaker complex, 35 to 55 percent north slopes	5,960	0	5,960	0.4
93E	Josephine-Speaker complex, 12 to 35 percent south slopes	4,235	0	4,235	0.3
94G	Kanid-Atring very gravelly loams, 50 to 80 percent north slopes	1,581	0	1,581	0.1
95G	Kanid-Atring very gravelly loams, 50 to 80 percent south slopes	1,491	0	1,491	0.1
96B	Kanutchan clay, 1 to 8 percent slopes	1,305	469	1,774	0.1
97A	Kerby loam, 0 to 3 percent slopes	810	0	810	0.1
98A	Kerby loam, wet, 0 to 3 percent slopes	1,025	0	1,025	0.1
99A	Klamath silt loam, 0 to 1 percent slopes	262	1,916	2,178	0.1
100A	Kubli loam, 0 to 3 percent slopes	2,878	0	2,878	0.2
100B	Kubli loam, 3 to 7 percent slopes	545	0	545	*
101E	Langellain loam, 15 to 40 percent north slopes	1,956	0	1,956	0.1
102B	Langellain-Brader loams, 1 to 7 percent slopes	5,238	0	5,238	0.3
102D	Langellain-Brader loams, 7 to 15 percent slopes	4,402	0	4,402	0.3
103E	Langellain-Brader loams, 15 to 40 percent south slopes	3,487	0	3,487	0.2
104E	Lettia sandy loam, 12 to 35 percent north slopes	1,789	0	1,789	0.1
105E	Lettia sandy loam, 12 to 35 percent south slopes	2,099	0	2,099	0.1
106C	Lobert sandy loam, 0 to 12 percent slopes	0	86	86	*
107E	Lorella-Skookum complex, 15 to 35 percent slopes	0	428	428	*
108B	Manita loam, 2 to 7 percent slopes	944	0	944	0.1
108D	Manita loam, 7 to 20 percent slopes	5,480	0	5,480	0.3
108E	Manita loam, 20 to 35 percent slopes	3,995	0	3,995	0.3
108F	Manita loam, 35 to 50 percent slopes	2,311	0	2,311	0.1
109E	Manita-Vannoy complex, 20 to 40 percent slopes	3,724	0	3,724	0.2
110E	McMullin gravelly loam, 3 to 35 percent slopes	3,169	0	3,169	0.2
111G	McMullin-McNull gravelly loams, 35 to 60 percent south slopes	5,341	0	5,341	0.3
112F	McMullin-Medco complex, 12 to 50 percent slopes	9,355	0	9,355	0.6
113E	McMullin-Rock outcrop complex, 3 to 35 percent slopes	21,985	0	21,985	1.4
113G	McMullin-Rock outcrop complex, 35 to 60 percent slopes	31,150	0	31,150	2.0
114E	McNull loam, 12 to 35 percent north slopes	17,575	0	17,575	1.1
114G	McNull loam, 35 to 60 percent north slopes	14,804	0	14,804	0.9
115E	McNull gravelly loam, 12 to 35 percent south slopes	8,123	0	8,123	0.5
115G	McNull gravelly loam, 35 to 60 percent south slopes	7,716	0	7,716	0.5
116E	McNull-McMullin gravelly loams, 12 to 35 percent south slopes	9,548	0	9,548	0.6
116G	McNull-McMullin gravelly loams, 35 to 60 percent south slopes	10,790	0	10,790	0.7
117G	McNull-McMullin complex, 35 to 60 percent north slopes	6,237	0	6,237	0.4
118E	McNull-Medco complex, 12 to 50 percent slopes	9,523	0	9,523	0.6
119F	McNull-Medco complex, high precipitation, 12 to 50 percent slopes	33,441	0	33,441	2.1
120B	Medco clay loam, 3 to 7 percent slopes	994	0	994	0.1
120C	Medco clay loam, 7 to 12 percent slopes	3,535	0	3,535	0.2
121E	Medco cobbly clay loam, 12 to 50 percent north slopes	6,728	0	6,728	0.4
122E	Medco cobbly clay loam, 12 to 50 percent south slopes	8,290	0	8,290	0.5

See footnote at end of table.

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
123F	Medco clay loam, high precipitation, 12 to 50 percent north slopes	8,916	0	8,916	0.6
124F	Medco clay loam, high precipitation, 12 to 50 percent south slopes	4,015	0	4,015	0.3
125C	Medco-McMullin complex, 1 to 12 percent slopes	6,470	0	6,470	0.4
125F	Medco-McMullin complex, 12 to 50 percent slopes	36,786	0	36,786	2.3
126F	Medco-McNull complex, 12 to 50 percent slopes	12,699	0	12,699	0.8
127A	Medford silty clay loam, 0 to 3 percent slopes	14,892	0	14,892	0.9
128B	Medford clay loam, gravelly substratum, 0 to 7 percent slopes	2,418	0	2,418	0.2
129B	Merlin extremely stony loam, 1 to 8 percent slopes	266	1,558	1,824	0.1
130E	Musty-Goolaway complex, 12 to 35 percent slopes	1,841	0	1,841	0.1
131F	Musty-Goolaway complex, 35 to 50 percent north slopes	1,123	0	1,123	0.1
132F	Musty-Goolaway complex, 35 to 50 percent south slopes	2,555	0	2,555	0.2
133A	Newberg fine sandy loam, 0 to 3 percent slopes	1,614	0	1,614	0.1
134F	Norling-Acker complex, 35 to 55 percent south slopes	4,115	0	4,115	0.3
135E	Oatman cobbly loam, 12 to 35 percent north slopes	69	5,134	5,203	0.3
135G	Oatman cobbly loam, 35 to 65 percent north slopes	0	739	739	*
136E	Oatman cobbly loam, 12 to 35 percent south slopes	1,344	5,464	6,808	0.4
137C	Oatman cobbly loam, depressional, 0 to 12 percent slopes	0	2,628	2,628	0.2
138C	Oatman-Otwin complex, 0 to 12 percent slopes	341	11,892	12,233	0.8
139A	Padigan clay, 0 to 3 percent slopes	3,439	0	3,439	0.2
140G	Pearsoll-Dubakella complex, rocky, 20 to 60 percent slopes	442	0	442	*
141A	Phoenix clay, 0 to 3 percent slopes	1,050	0	1,050	0.1
142C	Pinehurst loam, 3 to 12 percent slopes	9,751	13	9,764	0.6
143E	Pinehurst loam, 12 to 35 percent north slopes	3,260	0	3,260	0.2
144E	Pinehurst loam, 12 to 35 percent south slopes	2,373	0	2,373	0.2
145C	Pinehurst-Greystoke complex, 1 to 12 percent slopes	4,426	26,174	30,600	1.9
146	Pits, gravel	598	13	611	*
147C	Pokegema-Woodcock complex, 1 to 12 percent slopes	13,672	62,972	76,644	4.9
148C	Pokegema-Woodcock complex, warm, 1 to 12 percent slopes	0	7,774	7,774	0.5
149B	Pollard loam, 2 to 7 percent slopes	428	0	428	*
149D	Pollard loam, 7 to 20 percent slopes	369	0	369	*
150E	Provig very gravelly loam, 15 to 35 percent slopes	1,118	0	1,118	0.1
151C	Provig-Agate complex, 5 to 15 percent slopes	2,840	0	2,840	0.2
152B	Randcore-Shoat complex, 0 to 5 percent slopes	2,523	772	3,295	0.2
153B	Reinecke-Coyata complex, 0 to 5 percent slopes	3,298	0	3,298	0.2
154	Riverwash	999	0	999	0.1
155E	Rogue cobbly coarse sandy loam, 12 to 35 percent north slopes	1,405	0	1,405	0.1
155G	Rogue cobbly coarse sandy loam, 35 to 80 percent north slopes	3,416	0	3,416	0.2
156E	Rogue cobbly coarse sandy loam, 12 to 35 percent south slopes	946	0	946	0.1
156G	Rogue cobbly coarse sandy loam, 35 to 75 percent south slopes	2,605	0	2,605	0.2
157B	Ruch silt loam, 2 to 7 percent slopes	6,570	0	6,570	0.4
158B	Ruch gravelly silt loam, 2 to 7 percent slopes	4,860	0	4,860	0.3
158D	Ruch gravelly silt loam, 7 to 20 percent slopes	10,097	0	10,097	0.6
159C	Rustlerpeak gravelly loam, 3 to 12 percent slopes	2,887	0	2,887	0.2
160E	Rustlerpeak gravelly loam, 12 to 35 percent north slopes	2,867	0	2,867	0.2
160G	Rustlerpeak gravelly loam, 35 to 65 percent north slopes	1,063	0	1,063	0.1
161G	Rustlerpeak-Rock outcrop complex, 35 to 70 percent north slopes	755	0	755	*
162B	Selmac loam, 2 to 7 percent slopes	542	0	542	*
162D	Selmac loam, 7 to 20 percent slopes	861	0	861	0.1
163A	Sevenoaks loamy sand, 0 to 3 percent slopes	639	0	639	*
164B	Shefflein loam, 2 to 7 percent slopes	3,365	0	3,365	0.2
164D	Shefflein loam, 7 to 20 percent slopes	6,228	0	6,228	0.4

See footnote at end of table.

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
165E	Shefflein loam, 20 to 35 percent north slopes	2,735	0	2,735	0.2
166E	Shefflein loam, 20 to 35 percent south slopes	5,197	0	5,197	0.3
167B	Sibannac silt loam, 0 to 7 percent slopes	2,240	0	2,240	0.1
168G	Siskiyou gravelly sandy loam, 35 to 60 percent north slopes	1,830	0	1,830	0.1
169G	Siskiyou gravelly sandy loam, 35 to 60 percent south slopes	2,527	0	2,527	0.2
170C	Skookum very cobbly loam, 1 to 12 percent slopes	766	0	766	*
171E	Skookum-Bogus complex, 12 to 35 percent north slopes	0	543	543	*
172E	Skookum-Bogus complex, 12 to 35 percent south slopes	0	765	765	*
173D	Skookum-Rock outcrop-McMullin complex, 1 to 20 percent slopes	3,948	1,750	5,698	0.4
173F	Skookum-Rock outcrop-McMullin complex, 20 to 50 percent slopes	4,730	1,252	5,982	0.4
174G	Skookum-Rock outcrop-Rubble land complex, 35 to 70 percent slopes	91	5,498	5,589	0.4
175F	Snowbrier gravelly loam, 25 to 50 percent north slopes	886	0	886	0.1
176F	Snowbrier gravelly loam, 25 to 50 percent south slopes	793	0	793	0.1
177C	Snowlin gravelly loam, 3 to 12 percent slopes	336	0	336	*
178E	Snowlin gravelly loam, 12 to 35 percent north slopes	271	0	271	*
179F	Speaker-Josephine complex, 35 to 55 percent south slopes	12,609	0	12,609	0.8
180G	Steinmetz sandy loam, 35 to 75 percent north slopes	2,922	0	2,922	0.2
181G	Steinmetz sandy loam, 35 to 75 percent south slopes	4,500	0	4,500	0.3
182E	Straight extremely gravelly loam, 12 to 35 percent north slopes	1,196	0	1,196	0.1
183E	Straight extremely gravelly loam, 12 to 35 percent south slopes	2,861	0	2,861	0.2
184G	Straight-Shippa extremely gravelly loams, 35 to 70 percent north slopes	13,009	0	13,009	0.8
185G	Straight-Shippa extremely gravelly loams, 35 to 60 percent south slopes	16,542	0	16,542	1.1
186H	Tablerock-Rock outcrop complex, 35 to 110 percent slopes	1,589	0	1,589	0.1
187A	Takilma cobbly loam, 0 to 3 percent slopes	2,663	0	2,663	0.2
188E	Tallowbox gravelly sandy loam, 20 to 35 percent north slopes	1,023	0	1,023	0.1
188G	Tallowbox gravelly sandy loam, 35 to 70 percent north slopes	11,656	0	11,656	0.7
189E	Tallowbox gravelly sandy loam, 20 to 35 percent south slopes	3,564	0	3,564	0.2
189G	Tallowbox gravelly sandy loam, 35 to 60 percent south slopes	14,776	0	14,776	0.9
190E	Tatouche gravelly loam, 12 to 35 percent north slopes	4,927	0	4,927	0.3
190G	Tatouche gravelly loam, 35 to 65 percent north slopes	4,928	0	4,928	0.3
191E	Tatouche gravelly loam, 12 to 35 percent south slopes	2,302	0	2,302	0.1
191G	Tatouche gravelly loam, 35 to 60 percent south slopes	3,877	0	3,877	0.2
192A	Terrabella clay loam, 0 to 3 percent slopes	1,722	269	1,991	0.1
193G	Tethrick sandy loam, 35 to 75 percent north slopes	1,336	0	1,336	0.1
194G	Tethrick sandy loam, 35 to 75 percent south slopes	3,419	0	3,419	0.2
195E	Vannoy silt loam, 12 to 35 percent north slopes	10,997	0	10,997	0.7
195F	Vannoy silt loam, 35 to 55 percent north slopes	22,868	0	22,868	1.5
196E	Vannoy silt loam, 12 to 35 percent south slopes	33,784	0	33,784	2.1
197F	Vannoy-Voorhies complex, 35 to 55 percent south slopes	54,368	0	54,368	3.5
198A	Winlo very gravelly clay loam, 0 to 3 percent slopes	500	0	500	*
199C	Wolfpeak sandy loam, 3 to 12 percent slopes	671	0	671	*
200E	Wolfpeak sandy loam, 12 to 35 percent north slopes	524	0	524	*
201E	Wolfpeak sandy loam, 12 to 35 percent south slopes	4,150	0	4,150	0.3
202F	Woodcock stony loam, 35 to 55 percent north slopes	31	2,527	2,558	0.2
203F	Woodcock stony loam, 35 to 55 percent south slopes	0	1,276	1,276	0.1
204E	Woodcock-Pokegema complex, 12 to 35 percent north slopes	746	20,050	20,796	1.3
205E	Woodcock-Pokegema complex, 12 to 35 percent south slopes	4,042	28,658	32,700	2.1
206E	Woodcock-Pokegema complex, warm, 12 to 35 percent slopes	0	1,077	1,077	0.1
207E	Woodseye-Rock outcrop complex, 3 to 35 percent slopes	4,268	0	4,268	0.3

See footnote at end of table.

TABLE 4.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Jackson County	Klamath County	Total-- Area	Total-- Extent
		Acres	Acres	Acres	Pct
207G	Woodseye-Rock outcrop complex, 35 to 80 percent slopes	3,849	0	3,849	0.2
208C	Xerorthents-Dumps complex, 0 to 15 percent slopes	2,187	58	2,245	0.1
	Water	9,156	4,352	13,508	0.9
	Total	1,352,189	233,119	1,585,308	100.0

* Less than 0.1 percent.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE

(Yields in the N columns are for nonirrigated soils; those in the I columns are for irrigated soils. Yields are those that can be expected under a high level of management. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil)

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
1B Abegg	IVs	IIIs	---	---	---	---	---	---	---	---	2	13	2.5	5.0
1C Abegg	IVs	IVs	---	---	---	---	---	---	---	---	2	13	2.0	5.0
2A Abin	IIIw	IIw	---	18	95	120	---	35	75	105	9	18	---	---
3E, 4E Acker-Dumont	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
5F Acker-Norling	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
6B:														
Agate	IVs	IVs	---	---	---	---	---	---	---	---	2	8	---	3.5
Winlo	VIs	VIs	---	---	---	---	---	---	---	---	2	6	---	---
7C:														
Aspenlake	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Whiteface	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
8A Barhiskey	IVs	---	---	---	---	---	---	---	---	---	---	---	---	---
9A Barhiskey Variant	IVw	IVw	---	---	---	---	---	---	---	---	---	12	---	---
10B Barron	IVe	IIe	---	10	60	90	---	25	40	75	2	15	2.0	5.0
10C Barron	IVe	IIIe	---	10	60	90	---	25	40	75	2	15	2.0	5.0
11G, 12G:														
Beekman	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Colestine	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
13C, 13E:														
Bly	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Royst	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
14G Bogus	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
15C:														
Bogus	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
15C:														
Skookum	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
16A:														
Booth	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Kanutchan Variant	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
17C:														
Brader	VIe	VIe	---	---	---	---	---	---	---	---	1	6	---	2.5
Debenger	IVe	IVe	---	---	---	---	---	---	---	---	3	8	1.5	4.0
17E:														
Brader	VIe	---	---	---	---	---	---	---	---	---	1	---	---	---
Debenger	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
18C Bybee	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
19E, 20E Bybee-Tatouche	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
21A, 22A Camas	IVw	IVw	---	---	20	---	---	---	22	---	2	10	---	2.5
23A:														
Camas	IVw	---	---	---	---	---	---	---	---	---	---	---	---	---
Newberg	IIIw	---	---	---	---	---	---	---	---	---	---	---	---	---
Evans	IIIw	---	---	---	---	---	---	---	---	---	---	---	---	---
24C:														
Campfour	IIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Paragon	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
24E Campfour-Paragon	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
25G, 26G:														
Caris	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Offenbacher	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
27B Carney	IVe	IIIs	---	13	35	---	---	---	30	---	3	15	2.0	5.0
27D Carney	IVe	IVe	---	13	35	---	---	---	30	---	3	15	2.0	5.0
28D Carney	IVe	---	---	---	---	---	---	---	---	---	3	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
28E Carney	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
29D, 29E Carney	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
30E:														
Carney	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
Tablerock	IVe	---	---	---	---	---	---	---	---	---	3	---	---	---
31A Central Point	IVc	IIs	---	17	80	110	---	30	50	90	3	16	3.0	5.5
32B Clawson	IIIw	IIIw	---	---	---	---	---	---	---	---	4	15	---	---
33A Coker	IVw	IVw	---	10	20	35	---	12	30	---	5	12	2.5	5.0
33C Coker	IVe	IVe	---	10	20	35	---	---	25	---	5	12	2.5	5.0
34B Coleman	IVe	IIe	---	17	70	---	---	25	45	---	3	16	---	5.0
35A Cove	IVw	IVw	---	10	---	---	---	25	25	---	5	12	3.0	5.0
36G**, 37G**:														
Coyata	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
38C:														
Crater Lake	IIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Alcot	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
39E, 40E:														
Crater Lake	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Alcot	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
41G**, 42G**:														
Crater Lake	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
43B Darow	IVe	IIIs	---	12	---	---	---	---	---	---	3	13	2.0	5.0
43D Darow	IVe	IVe	---	12	---	---	---	---	---	---	3	13	2.0	5.0
43E Darow	IVe	IVe	---	12	---	---	---	---	---	---	3	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
44C:														
Debenger	IVe	IVe	---	---	---	---	---	---	---	---	3	8	1.5	4.0
Brader	VIe	VIe	---	---	---	---	---	---	---	---	1	6	---	2.5
44E:														
Debenger	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
Brader	VIe	---	---	---	---	---	---	---	---	---	1	---	---	---
45G, 46G Donegan	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
47C, 48E, 49E Donegan-Killet	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
50E Dubakella	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
50G Dubakella	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
51C Dumont	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
52C:														
Dumont	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Coyota	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
53E:														
Dumont	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Coyata	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
53G Dumont-Coyata	VIe	---	---	---	---	---	---	---	---	---	3	---	---	---
54E:														
Dumont	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Coyata	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
54G Dumont-Coyata	VIe	---	---	---	---	---	---	---	---	---	3	---	---	---
55A Evans	IIIw	IIw	---	17	80	105	---	30	50	85	5	16	2.5	5.5
56C, 57E Farva	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
57G Farva	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
58E Farva	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
58G Farva	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
59G**, 60G**:														
Farva	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
61A Foehlin	IVc	IIs	---	13	75	110	---	25	50	85	3	16	---	---
62C, 63E, 64E Freezener	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
65C, 66E:														
Freezener	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Geppert	VIe	---	---	---	---	---	---	---	---	---	---	---	---	
66G:														
Freezener	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Geppert	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
67E:														
Freezener	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
Geppert	VIe	---	---	---	---	---	---	---	---	---	---	---	---	
67G:														
Freezener	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Geppert	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
68C, 69E Geppert	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
69G Geppert	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
70E Geppert	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
70G Geppert	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
71E Goolaway	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
71F Goolaway	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
72E Goolaway	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
72F Goolaway	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
73E Goolaway-Pollard	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
74F---------- Gravecreek	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
74G---------- Gravecreek	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
75E, 75F-------- Gravecreek	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
75G---------- Gravecreek	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
76A---------- Gregory	IVw	IIw	---	10	45	95	---	20	40	95	4	15	2.5	5.0
77F---------- Greystoke	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
77G---------- Greystoke	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
78F---------- Greystoke	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
79E, 80E-------- Greystoke-Pinehurst	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
81G---------- Heppsie	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
82G---------- Heppsie-McMullin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
83E, 83G, 84E, 84G---------- Hobit	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
85A---------- Hoxie	Vw	Vw	---	---	---	---	---	---	---	---	---	4	---	---
86C---------- Hukill	IVe	IIIe	---	---	---	---	---	---	---	---	5	14	---	5.0
87F---------- Jayar	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
87G---------- Jayar	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
88F---------- Jayar	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
89E---------- Jayar Variant	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
90E, 91E: Josephine------	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
90E, 91E:														
Pollard	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
92E Josephine-Speaker	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
92F Josephine-Speaker	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
93E Josephine-Speaker	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
94G, 95G:														
Kanid	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Atring	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
96B Kanutchan	VIw	---	---	---	---	---	---	---	---	---	4	---	---	---
97A Kerby	IVc	I	---	17	80	115	---	30	50	85	3	16	2.0	5.5
98A Kerby	IVc	IIw	---	---	80	105	---	---	50	80	4	16	2.5	5.0
99A Klamath	IVw	IVw	---	---	---	---	---	---	---	---	---	5	---	---
100A Kubli	IVw	IIIw	---	14	80	105	---	26	50	80	4	15	2.5	5.0
100B Kubli	IVe	IIIw	---	14	80	105	---	26	50	80	4	15	2.5	5.0
101E Langellain	IVe	---	---	---	---	---	---	---	---	---	3	---	---	---
102B, 102D:														
Langellain	IVe	IIIe	---	---	---	---	---	---	---	---	3	8	1.5	4.0
Brader	VIe	VIe	---	---	---	---	---	---	---	---	1	6	---	2.5
103E:														
Langellain	IVe	---	---	---	---	---	---	---	---	---	3	---	---	---
Brader	VIe	---	---	---	---	---	---	---	---	---	1	---	---	---
104E, 105E Lettia	VIe	---	---	---	---	---	---	---	---	---	2	---	---	---
106C Lobert	IVe	IVe	---	---	---	---	---	---	---	---	---	7.5	---	---
107E:														
Lorella	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
107E:														
Skookum	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
108B Manita	IVe	IIe	---	17	70	100	---	25	45	75	5	13	2.0	5.0
108D Manita	IVe	IVe	---	17	60	90	---	---	40	70	5	13	2.0	5.0
108E Manita	IVe	---	---	---	---	---	---	---	---	---	4	---	1.5	---
108F Manita	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
109E:														
Manita	IVe	---	---	---	---	---	---	---	---	---	4	---	1.5	---
Vannoy	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
110E McMullin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
111G McMullin-McNull	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
112F McMullin-Medco	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
113E**, 113G**:														
McMullin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
114E, 114G, 115E, 115G McNull	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
116E, 116G, 117G McNull-McMullin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
118E, 119F McNull-Medco	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
120B, 120C Medco	VIe	IVe	---	---	---	---	---	---	---	---	5	12	2.0	4.5
121E, 122E Medco	VIe	---	---	---	---	---	---	---	---	---	5	---	---	---
123F, 124F Medco	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
125C, 125F Medco-McMullin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
126F---------- Medco-McNull	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
127A---------- Medford	IVc	I	---	21	95	120	---	35	75	105	9	18	3.0	5.5
128B---------- Medford	IVe	IIIe	---	19	65	105	---	30	60	100	8	17	3.0	5.5
129B---------- Merlin	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
130E---------- Musty-Goolaway	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
131F, 132F------ Musty-Goolaway	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
133A---------- Newberg	IIIw	IIIw	---	---	---	---	---	---	---	---	---	---	---	---
134F---------- Norling-Acker	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
135E, 135G, 136E, 137C----- Oatman	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
138C---------- Oatman-Otwin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
139A---------- Padigan	IVw	IVw	---	7	---	---	---	---	25	---	5	12	2.5	5.0
140G:														
Pearsoll-------	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Dubakella------	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
141A---------- Phoenix	IVw	IIIw	---	13	---	---	---	---	25	---	5	12	---	5.0
142C, 143E, 144E---------- Pinehurst	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
145C---------- Pinehurst-Greystoke	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
146**---------- Pits	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
147C, 148C------ Pokegema-Woodcock	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
149B---------- Pollard	IVe	IIe	---	14	70	---	---	25	45	---	3	16	2.0	5.0
149D---------- Pollard	IVe	IVe	---	13	65	---	---	---	40	---	3	13	1.5	5.0
150E---------- Provig	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
151C:														
Provig---------	IVe	IVe	---	---	---	---	---	---	---	---	2	8	1.0	3.5
Agate----------	IVs	IVs	---	---	---	---	---	---	---	---	2	8	---	3.5
152B:														
Randcore-------	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Shoat----------	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
153B---------- Reinecke-Coyata	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
154**---------- Riverwash	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
155E, 155G, 156E, 156G----- Rogue	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
157B, 158B------ Ruch	IVe	IIe	---	17	70	100	---	25	45	85	3	13	2.5	5.0
158D---------- Ruch	IVe	IVe	---	17	65	95	---	---	40	80	3	12	2.5	5.0
159C, 160E------ Rustlerpeak	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
160G---------- Rustlerpeak	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
161G**:														
Rustlerpeak----	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop---	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
162B---------- Selmac	IVe	IIIe	---	16	---	---	---	---	40	---	3	12	1.5	4.0
162D---------- Selmac	IVe	IVe	---	16	---	---	---	---	40	---	3	12	1.5	4.0
163A---------- Sevenoaks	IVs	IIIs	---	12	30	75	---	25	30	80	2	16	---	5.0
164B---------- Shefflein	IVe	IIe	---	14	---	45	---	---	---	35	2	13	2.0	5.0

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
164D---------- Shefflein	IVe	IVe	---	14	---	---	---	---	---	---	2	10	2.0	4.0
165E, 166E------ Shefflein	VIe	---	---	---	---	---	---	---	---	---	2	---	---	---
167B---------- Sibannac	IVw	---	---	---	---	---	---	---	---	---	4	---	---	---
168G, 169G------ Siskiyou	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
170C---------- Skookum	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
171E, 172E:														
Skookum--------	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Bogus----------	IVe	---	---	---	---	---	---	---	---	---	---	---	---	---
173D, 173F:														
Skookum--------	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop---	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
McMullin-------	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
174G**:														
Skookum--------	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop---	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
Rubble land----	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
175F, 176F------ Snowbrier	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
177C, 178E------ Snowlin	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
179F---------- Speaker-Josephine	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
180G, 181G------ Steinmetz	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
182E, 183E------ Straight	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
184G, 185G:														
Straight-------	VIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Shippa---------	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
186H**:														
Tablerock------	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
186H**:														
Rock outcrop	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
187A Takilma	IVs	IVs	---	---	---	---	---	---	---	---	2	11	---	4.5
188E Tallowbox	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
188G Tallowbox	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
189E Tallowbox	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
189G Tallowbox	VIIe	---	---	---	---	---	---	---	---	---	---	---	---	---
190E, 190G, 191E, 191G Tatouche	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
192A Terrabella	IIIw	IIIw	---	---	---	---	---	---	---	---	4	10	---	4.0
193G, 194G Tethrick	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
195E Vannoy	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
195F Vannoy	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
196E Vannoy	IVe	---	---	---	---	---	---	---	---	---	2	---	---	---
197F:														
Vannoy	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
Voorhies	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
198A Winlo	VIs	VIs	---	---	---	---	---	---	---	---	2	6	---	---
199C Wolfpeak	IVe	IIe	---	---	---	---	---	---	---	---	2	13	---	---
200E, 201E Wolfpeak	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
202F, 203F Woodcock	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---
204E, 205E, 206E Woodcock-Pokegema	VIe	---	---	---	---	---	---	---	---	---	---	---	---	---

See footnotes at end of table.

TABLE 5.--LAND CAPABILITY AND YIELDS PER ACRE OF CROPS AND PASTURE--Continued

Soil name and map symbol	Land capability		Pears		Winter wheat		Corn silage		Barley		Pasture		Grass-legume hay	
	N	I	N	I	N	I	N	I	N	I	N	I	N	I
			Tons	Tons	Bu	Bu	Tons	Tons	Bu	Bu	AUM*	AUM*	Tons	Tons
207E**, 207G**:														
Woodseye-------	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Rock outcrop---	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---
208C**:														
Xerorthents----	VIIs	---	---	---	---	---	---	---	---	---	---	---	---	---
Dumps----------	VIII	---	---	---	---	---	---	---	---	---	---	---	---	---

* Animal-unit-month: The amount of forage or feed required to feed one animal unit (one cow, one horse, one mule, five sheep, or five goats) for 30 days.

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

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
1B, 1C Abegg	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
2A Abin	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Skunkbush sumac	10
				Pacific serviceberry	5
				Pacific poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
				Wild grape	5
3E**:					
Acker	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
Dumont	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
4E**:					
Acker	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
Dumont	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
5F**:					
Acker	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
Norling	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
6B**:					
Agate	Biscuit-Scabland (mound), 18- to 26-inch precipitation zone.	Favorable	1,000	Bluebunch wheatgrass	40
		Normal	800	Pine bluegrass	10
		Unfavorable	600	Lemmon needlegrass	10
				Idaho fescue	5
				Wedgeleaf ceanothus	5
				California brome	5
Winlo	Poorly Drained Bottom	Favorable	5,000	Rush	15
		Normal	4,000	Sedge	15
		Unfavorable	3,000	Mannagrass	15
				Cattail	10
				Willow	5
				Timothy	5
7C**:					
Aspenlake	Wet Loamy Terrace	Favorable	700	Douglas spirea	30
		Normal	600	Common snowberry	10
		Unfavorable	500	Ponderosa pine	10
				Idaho fescue	10
				Western fescue	5
				Pacific serviceberry	5
Whiteface	Ponderosa Pine-Fescue	Favorable	1,200	Idaho fescue	25
		Normal	900	Ross sedge	15
		Unfavorable	700	Ponderosa pine	10
				Western fescue	5
				Wheeler bluegrass	5
				Birchleaf mountainmahogany	5
				Antelope bitterbrush	5
				Squawcarpet	5
8A Barhiskey	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Tall Oregon grape	5
				California black oak	5
				Common snowberry	5
				Strawberry	5
				White hawkweed	5
				Sugar pine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
9A---------- Barhiskey Variant	Mixed Fir-Mixed Pine Forest, Wet.	Favorable	---	Douglas fir----------	15
		Normal	---	White fir----------	10
		Unfavorable	---	Common snowberry----------	10
				Willow----------	5
				Sedge----------	5
				Horsetail----------	5
				Strawberry----------	5
				Pacific serviceberry----------	5
10B, 10C---------- Barron	Douglas Fir-Mixed Pine-Fescue Forest.	Favorable	---	Common snowberry----------	10
		Normal	---	Western fescue----------	5
		Unfavorable	---	Mountain brome----------	5
				California black oak----------	5
				Douglas fir----------	5
				Tall Oregon grape----------	5
				Sugar pine----------	5
				Baldhip rose----------	5
11G**:					
Beekman----------	Douglas Fir-Chinkapin Forest--	Favorable	---	Cascade Oregongrape----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Pacific madrone----------	5
				Pacific dogwood----------	5
				Common snowberry----------	5
				Creambush oceanspray----------	5
				Whipplevine----------	5
				Deerfoot vanillaleaf----------	5
Colestine---------	Douglas Fir-Chinkapin Forest--	Favorable	---	Cascade Oregongrape----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Pacific madrone----------	5
				Pacific dogwood----------	5
				Common snowberry----------	5
				Creambush oceanspray----------	5
				Whipplevine----------	5
				Deerfoot vanillaleaf----------	5
12G**:					
Beekman----------	Douglas Fir-Black Oak Forest--	Favorable	---	Douglas fir----------	20
		Normal	---	California black oak----------	10
		Unfavorable	---	Pacific madrone----------	5
				Common snowberry----------	5
				Tall Oregon grape----------	5
				Whipplevine----------	5
				Mountain brome----------	5
				Western fescue----------	5
				California fescue----------	5
Colestine---------	Douglas Fir-Black Oak Forest--	Favorable	---	Douglas fir----------	20
		Normal	---	California black oak----------	10
		Unfavorable	---	Pacific madrone----------	5
				Common snowberry----------	5
				Tall Oregon grape----------	5
				Whipplevine----------	5
				Mountain brome----------	5
				Western fescue----------	5
				California fescue----------	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
13C**, 13E**:					
Bly	Ponderosa Pine-Fescue	Favorable	1,200	Idaho fescue	25
		Normal	900	Ross sedge	15
		Unfavorable	700	Ponderosa pine	10
				Antelope bitterbrush	5
				Squawcarpet	5
				Western fescue	5
				Wheeler bluegrass	5
				Birchleaf mountainmahogany	5
Royst	Ponderosa Pine-Fescue	Favorable	1,200	Idaho fescue	25
		Normal	900	Ross sedge	15
		Unfavorable	700	Ponderosa pine	10
				Western fescue	5
				Curlleaf mountainmahogany	5
				Antelope bitterbrush	5
				Squawcarpet	5
				Wheeler bluegrass	5
14G Bogus	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
				Deerbrush	5
15C**:					
Bogus	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
				Deerbrush	5
Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
16A**:					
Booth	Claypan, 14- to 18-inch precipitation zone.	Favorable	1,200	Idaho fescue	40
		Normal	900	Low sagebrush	20
		Unfavorable	500	Sandberg bluegrass	15
				Bluebunch wheatgrass	5
				Shrubby buckwheat	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
16A**:					
Kanutchan Variant-	Intermittent Swale	Favorable	1,600	Nevada bluegrass	50
		Normal	1,400	Silver sagebrush	5
		Unfavorable	1,200	Slender wheatgrass	5
				Meadow barley	5
				Canby bluegrass	5
				Kentucky bluegrass	5
17C**, 17E**:					
Brader	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
Debenger	Loamy Slopes, 18- to 24-inch precipitation zone.	Favorable	1,200	Idaho fescue	20
		Normal	900	Common snowberry	10
		Unfavorable	700	Deerbrush	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Blue wildrye	5
				Ponderosa pine	5
				Kentucky bluegrass	5
				Birchleaf mountainmahogany	5
				California brome	5
18C Bybee	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Pacific serviceberry	5
				Tall Oregon grape	5
				Baldhip rose	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
19E**:					
Bybee	Mixed Fir-Oceanspray Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Creambush oceanspray	10
				Cascade Oregongrape	10
				Common snowberry	5
Tatouche	Mixed Fir-Oceanspray Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Creambush oceanspray	10
				Cascade Oregongrape	10
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
20E**:					
Bybee	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Pacific serviceberry	5
				Tall Oregon grape	5
				Baldhip rose	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
Tatouche	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Pacific serviceberry	5
				Tall Oregon grape	5
				Baldhip rose	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
21A, 22A Camas	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
23A**:					
Camas	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
Newberg	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
23A**:					
Evans	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
24C**, 24E**:					
Campfour	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
Paragon	Loamy Slopes, 18- to 24-inch precipitation zone.	Favorable	1,200	Idaho fescue	20
		Normal	900	Common snowberry	10
		Unfavorable	700	Ponderosa pine	5
				California black oak	5
				Oregon white oak	5
				Birchleaf mountainmahogany	5
				Pacific serviceberry	5
				Deerbrush	5
				California brome	5
				Blue wildrye	5
				Kentucky bluegrass	5
25G**:					
Caris	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
				Mountain brome	5
Offenbacher	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
26G**:					
Caris	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
Offenbacher	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
27B, 27D, 28D------ Carney	Droughty Fan, 18- to 26-inch precipitation zone.	Favorable	1,400	Idaho fescue----------	20
		Normal	1,000	Bluebunch wheatgrass----------	15
		Unfavorable	800	California black oak----------	5
				Oregon white oak----------	5
				Lomatium----------	5
				Lemmon needlegrass----------	5
				California brome----------	5
				Prairie junegrass----------	5
				Pine bluegrass----------	5
				Blue wildrye----------	5
				Kentucky bluegrass----------	5
28E---------- Carney	Droughty Foothill Slopes, 18- to 22-inch precipitation zone.	Favorable	1,200	Bluebunch wheatgrass----------	30
		Normal	1,000	Lemmon needlegrass----------	20
		Unfavorable	800	Lomatium----------	5
				California brome----------	5
				Pine bluegrass----------	5
				Wooly eriophyllum----------	5
29D, 29E---------- Carney	Clayey Hills, 20- to 35-inch precipitation zone.	Favorable	1,000	California danthonia----------	65
		Normal	800	Oregon white oak----------	5
		Unfavorable	700	Pacific serviceberry----------	5
				Idaho fescue----------	5
30E**:					
Carney----------	Droughty Foothill Slopes, 18- to 22-inch precipitation zone.	Favorable	1,200	Bluebunch wheatgrass----------	30
		Normal	1,000	Lemmon needlegrass----------	20
		Unfavorable	800	Lomatium----------	5
				California brome----------	5
				Pine bluegrass----------	5
				Wooly eriophyllum----------	5
Tablerock---------	Droughty Fan, 18- to 26-inch precipitation zone.	Favorable	1,400	Idaho fescue----------	20
		Normal	1,000	Bluebunch wheatgrass----------	15
		Unfavorable	800	California black oak----------	5
				Oregon white oak----------	5
				Prairie junegrass----------	5
				California brome----------	5
				Blue wildrye----------	5
				California danthonia----------	5
31A---------- Central Point	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry----------	20
		Normal	800	Pacific serviceberry----------	5
		Unfavorable	600	Poison oak----------	5
				Tall Oregon grape----------	5
				Idaho fescue----------	5
				Ponderosa pine----------	5
				Oregon white oak----------	5
				California black oak----------	5
				Pacific madrone----------	5
32B---------- Clawson	Semi-Wet Meadow----------	Favorable	1,500	California danthonia----------	25
		Normal	1,200	Sedge----------	15
		Unfavorable	1,000	Clover----------	5
				Timothy----------	5
				Redtop----------	5
				Canada bluegrass----------	5
				Kentucky bluegrass----------	5
				Slender wheatgrass----------	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
33A, 33C Coker	Semi-Wet Meadow	Favorable	1,500	California danthonia	25
		Normal	1,200	Sedge	15
		Unfavorable	1,000	Clover	5
				Timothy	5
				Redtop	5
				Canada bluegrass	5
				Kentucky bluegrass	5
				Slender wheatgrass	5
34B Coleman	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
35A Cove	Poorly Drained Bottom	Favorable	5,000	Rush	15
		Normal	4,000	Sedge	15
		Unfavorable	3,500	Mannagrass	15
				Cattail	10
				Willow	5
				Timothy	5
36G**:					
Coyata	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
Rock outcrop.					
37G**:					
Coyata	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
Rock outcrop.					
38C**, 39E**:					
Crater Lake	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
38C**, 39E**:					
Alcot	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
40E**:					
Crater Lake	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
Alcot	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
41G**:					
Crater Lake	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
Rock outcrop.					
42G**:					
Crater Lake	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
Rock outcrop.					
43B, 43D, 43E Darow	Droughty North, 18- to 35-inch precipitation zone.	Favorable	1,500	Idaho fescue	55
		Normal	1,200	Birchleaf mountainmahogany	10
		Unfavorable	1,000	Oregon white oak	10
				California brome	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
44C**, 44E**:					
Debenger	Loamy Slopes, 18- to 24-inch precipitation zone.	Favorable	1,200	Idaho fescue	20
		Normal	900	Common snowberry	10
		Unfavorable	700	Deerbrush	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Blue wildrye	5
				Ponderosa pine	5
				Kentucky bluegrass	5
				Birchleaf mountainmahogany	5
				California brome	5
Brader	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
45G Donegan	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
46G Donegan	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
47C**, 48E**:					
Donegan	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
Killet	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
49E**:					
Donegan	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
Killet	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
50E, 50G Dubakella	Douglas Fir-Pine Forest, Serpentine.	Favorable	---	Douglas fir	15
		Normal	---	Pacific madrone	10
		Unfavorable	---	Canyon live oak	10
				California fescue	10
				Incense cedar	5
				Jeffrey pine	5
				Sugar pine	5
				Hazel	5
				Common snowberry	5
				Western fescue	5
				Western swordfern	5
51C Dumont	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
52C**, 53E**, 53G**:					
Dumont	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
Coyata	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
54E**, 54G**:					
Dumont	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
Coyata	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Common snowberry	5
				Tall Oregon grape	5
55A Evans	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
56C, 57E, 57G Farva	Mixed Fir-Yew Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Cascade Oregongrape	10
				Common snowberry	5
				Pacific yew	5
				American twinflower	5
				Starflower	5
58E, 58G Farva	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Tall Oregon grape	5
				Pacific serviceberry	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
				Baldhip rose	5
59G**:					
Farva	Mixed Fir-Yew Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Cascade Oregongrape	10
				Common snowberry	5
				Pacific yew	5
				American twinflower	5
				Starflower	5
Rock outcrop.					

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
60G**:					
Farva	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Tall Oregon grape	5
				Pacific serviceberry	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
				Baldhip rose	5
Rock outcrop.					
61A Foehlin	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry	20
		Normal	800	Pacific serviceberry	5
		Unfavorable	600	Poison oak	5
				Tall Oregon grape	5
				Idaho fescue	5
				Ponderosa pine	5
				Oregon white oak	5
				California black oak	5
				Pacific madrone	5
62C Freezener	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
63E Freezener	Mixed Fir-Dogwood Forest	Favorable	---	White fir	10
		Normal	---	Douglas fir	7
		Unfavorable	---	Cascade Oregongrape	7
				Pacific dogwood	5
				American twinflower	5
				Deerfoot vanillaleaf	5
				Common snowberry	5
				Whipplevine	5
64E Freezener	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
65C**:					
Freezener	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
65C**:					
Geppert	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
66E**, 66G**:					
Freezener	Mixed Fir-Dogwood Forest	Favorable	---	White fir	10
		Normal	---	Douglas fir	7
		Unfavorable	---	Cascade Oregongrape	7
				Pacific dogwood	5
				American twinflower	5
				Deerfoot vanillaleaf	5
				Common snowberry	5
				Whipplevine	5
Geppert	Mixed Fir-Dogwood Forest	Favorable	---	White fir	10
		Normal	---	Douglas fir	7
		Unfavorable	---	Cascade Oregongrape	7
				Pacific dogwood	5
				American twinflower	5
				Deerfoot vanillaleaf	5
				Common snowberry	5
				Whipplevine	5
67E**, 67G**:					
Freezener	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
Geppert	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
68C Geppert	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
69E, 69G Geppert	Mixed Fir-Dogwood Forest	Favorable	---	White fir	10
		Normal	---	Douglas fir	7
		Unfavorable	---	Cascade Oregongrape	7
				Pacific dogwood	5
				American twinflower	5
				Deerfoot vanillaleaf	5
				Common snowberry	5
				Whipplevine	5
70E, 70G Geppert	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Common snowberry	5
				White hawkweed	5
71E, 71F Goolaway	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
72E, 72F Goolaway	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
73E**:					
Goolaway	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
Pollard	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
74F, 74G, 75E, 75F, 75G---------- Gravecreek	Douglas Fir-Beargrass Forest, Serpentine.	Favorable	---	California fescue----------	15
		Normal	---	Incense cedar----------	10
		Unfavorable	---	Common beargrass----------	10
				Douglas fir----------	5
				Pacific madrone----------	5
				Sugar pine----------	5
				Jeffrey pine----------	5
				Canyon live oak----------	5
				Whipplevine----------	5
				Western fescue----------	5
				White hawkweed----------	5
76A---------- Gregory	Poorly Drained Bottom---------	Favorable	5,000	Rush----------	15
		Normal	4,000	Sedge----------	15
		Unfavorable	3,500	Mannagrass----------	15
				Cattail----------	10
				Willow----------	5
				Timothy----------	5
77F, 77G, 78F------ Greystoke	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir----------	15
		Normal	---	Western fescue----------	15
		Unfavorable	---	Common snowberry----------	10
				Pacific serviceberry----------	5
				Tall Oregon grape----------	5
				California black oak----------	5
				Ponderosa pine----------	5
				Strawberry----------	5
				White hawkweed----------	5
				Baldhip rose----------	5
79E**, 80E**:					
Greystoke---------	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir----------	15
		Normal	---	Western fescue----------	15
		Unfavorable	---	Common snowberry----------	10
				Pacific serviceberry----------	5
				Tall Oregon grape----------	5
				California black oak----------	5
				Ponderosa pine----------	5
				Strawberry----------	5
				White hawkweed----------	5
				Baldhip rose----------	5
Pinehurst---------	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir----------	15
		Normal	---	Western fescue----------	15
		Unfavorable	---	Common snowberry----------	10
				Pacific serviceberry----------	5
				Tall Oregon grape----------	5
				California black oak----------	5
				Ponderosa pine----------	5
				Strawberry----------	5
				White hawkweed----------	5
				Baldhip rose----------	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
81G Heppsie	Droughty North, 18- to 35-inch precipitation zone.	Favorable	1,500	Idaho fescue	55
		Normal	1,200	Oregon white oak	10
		Unfavorable	1,000	Birchleaf mountainmahogany	10
				California brome	5
82G**:					
Heppsie	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Prairie junegrass	5
				Bluebunch wheatgrass	5
				Pine bluegrass	5
McMullin	Shallow Mountain Slopes, 22- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	55
		Normal	1,000	Wooly eriophyllum	5
		Unfavorable	800	Pine bluegrass	5
				Bluebunch wheatgrass	5
				California brome	5
83E, 83G Hobit	White Fir Forest	Favorable	---	White fir	5
		Normal	---	Gooseberry	5
		Unfavorable	---	Common snowberry	5
				Sandwort	5
				Mountain sweetroot	5
				Starflower	5
				Rocky Mountain maple	5
84E, 84G Hobit	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Tall Oregon grape	5
				Pacific serviceberry	5
				Baldhip rose	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
85A Hoxie	Wet Meadow	Favorable	3,500	Tufted hairgrass	65
		Normal	3,000	Meadow barley	5
		Unfavorable	2,500	Sedge	5
86C Hukill	Mixed Fir-Mixed Pine Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Tall Oregon grape	5
				California black oak	5
				Common snowberry	5
				Strawberry	5
				White hawkweed	5
				Sugar pine	5
87F, 87G Jayar	Mixed Fir-Oceanspray Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Creambush oceanspray	10
				Cascade Oregongrape	10
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
88F---------- Jayar	Mixed Fir-Serviceberry Forest	Favorable	---	White fir----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Common snowberry----------	7
				Pacific serviceberry----------	5
				Tall Oregon grape----------	5
				Baldhip rose----------	5
				Western princes pine----------	5
				Western fescue----------	5
				Mountain brome----------	5
89E---------- Jayar Variant	Noble Fir-Bush Chinkapin Forest.	Favorable	---	Bush chinkapin----------	20
		Normal	---	Noble fir----------	10
		Unfavorable	---	White fir----------	10
				Douglas fir----------	5
				Sedge----------	5
				Western princes pine----------	5
				Pinemat manzanita----------	5
90E**:					
Josephine---------	Douglas Fir-Chinkapin Forest--	Favorable	---	Cascade Oregongrape----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Pacific madrone----------	5
				Pacific dogwood----------	5
				Common snowberry----------	5
				Creambush oceanspray----------	5
				Whipplevine----------	5
				Deerfoot vanillaleaf----------	5
Pollard----------	Douglas Fir-Chinkapin Forest--	Favorable	---	Cascade Oregongrape----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Pacific madrone----------	5
				Pacific dogwood----------	5
				Common snowberry----------	5
				Creambush oceanspray----------	5
				Whipplevine----------	5
				Deerfoot vanillaleaf----------	5
91E**:					
Josephine---------	Douglas Fir-Black Oak Forest--	Favorable	---	Douglas fir----------	20
		Normal	---	California black oak----------	10
		Unfavorable	---	Pacific madrone----------	5
				Common snowberry----------	5
				Tall Oregon grape----------	5
				Whipplevine----------	5
				Mountain brome----------	5
				Western fescue----------	5
				California fescue----------	5
Pollard----------	Douglas Fir-Black Oak Forest--	Favorable	---	Douglas fir----------	20
		Normal	---	California black oak----------	10
		Unfavorable	---	Pacific madrone----------	5
				Common snowberry----------	5
				Tall Oregon grape----------	5
				Whipplevine----------	5
				Mountain brome----------	5
				Western fescue----------	5
				California fescue----------	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
92E**, 92F**:					
Josephine	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
Speaker	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
93E**:					
Josephine	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
Speaker	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
94G**:					
Kanid	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
Atring	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
95G**:					
Kanid	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
Atring	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
96B Kanutchan	Wet Meadow	Favorable	3,500	Tufted hairgrass	65
		Normal	3,000	Meadow barley	5
		Unfavorable	2,500	Sedge	5
97A Kerby	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry	20
		Normal	800	Pacific serviceberry	5
		Unfavorable	600	Poison oak	5
				Tall Oregon grape	5
				Idaho fescue	5
				Ponderosa pine	5
				Oregon white oak	5
				California black oak	5
				Pacific madrone	5
98A Kerby	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
99A Klamath	Wet Meadow	Favorable	3,500	Tufted hairgrass	65
		Normal	3,000	Meadow barley	5
		Unfavorable	2,500	Sedge	5
100A, 100B Kubli	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry	20
		Normal	800	Idaho fescue	5
		Unfavorable	600	Oregon white oak	5
				California black oak	5
				Poison oak	5
				Tall Oregon grape	5
				Ponderosa pine	5
				Pacific madrone	5
				Pacific serviceberry	5
101E Langellain	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				California black oak	5
				Tall Oregon grape	5
				Poison oak	5
				Western fescue	5
				Mountain brome	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
102B**, 102D**, 103E**:					
Langellain	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	California black oak	5
		Unfavorable	800	Oregon white oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Prairie junegrass	5
				Bluebunch wheatgrass	5
Brader	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
104E Lettia	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Cascade Oregongrape	10
		Normal	---	Salal	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				White fir	5
				Golden chinkapin	5
				Douglas fir	5
				Common snowberry	5
				Whipplevine	5
				Pacific rhododendron	5
105E Lettia	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
106C Lobert	Deep Loamy, 16- to 20-inch precipitation zone.	Favorable	1,200	Idaho fescue	45
		Normal	900	Antelope bitterbrush	10
		Unfavorable	700	Bluebunch wheatgrass	5
				Ponderosa pine	5
				Pacific serviceberry	5
				Sandberg bluegrass	5
107E**:					
Lorella	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Bluebunch wheatgrass	40
		Normal	1,000	Idaho fescue	15
		Unfavorable	800	Bluegrass	10
				Thurber needlegrass	5
				Woolyweed	5
				Antelope bitterbrush	5
				Big sagebrush	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
107E**:					
Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
108B, 108D, 108E, 108F Manita	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
109E**:					
Manita	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
Vannoy	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
110E McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
111G**:					
McMullin	Shallow Mountain Slopes, 22- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	55
		Normal	1,000	Wooly eriophyllum	5
		Unfavorable	800	Pine bluegrass	5
				Bluebunch wheatgrass	5
				California brome	5
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
112F**:					
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
Medco	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Bluebunch wheatgrass	5
				Prairie junegrass	5
113E**:					
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
Rock outcrop.					
113G**:					
McMullin	Shallow Mountain Slopes, 22- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	55
		Normal	1,000	Wooly eriophyllum	5
		Unfavorable	800	Pine bluegrass	5
				Bluebunch wheatgrass	5
				California brome	5
Rock outcrop.					
114E, 114G McNull	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
				Mountain brome	5
				Baldhip rose	5
				California black oak	5
115E, 115G McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
116E**:					
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
116E**:					
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
116G**:					
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
McMullin	Shallow Mountain Slopes, 22- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	55
		Normal	1,000	Wooly eriophyllum	5
		Unfavorable	800	Pine bluegrass	5
				Bluebunch wheatgrass	5
				California brome	5
117G**:					
McNull	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
				Mountain brome	5
				Baldhip rose	5
				California black oak	5
McMullin	Droughty North, 18- to 35-inch precipitation zone.	Favorable	1,500	Idaho fescue	55
		Normal	1,200	Oregon white oak	10
		Unfavorable	1,000	California brome	5
118E**:					
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
Medco	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Bluebunch wheatgrass	5
				Prairie junegrass	5
119F**:					
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
119F**:					
Medco	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
120B, 120C	Clayey Hills, 20- to 35-inch precipitation zone.	Favorable	1,000	California danthonia	65
Medco		Normal	800	Oregon white oak	5
		Unfavorable	700	Pacific serviceberry	5
				Idaho fescue	5
121E	Clayey Hills, 20- to 35-inch precipitation zone.	Favorable	1,000	California danthonia	65
Medco		Normal	800	Oregon white oak	5
		Unfavorable	700	Pacific serviceberry	5
				Idaho fescue	5
122E	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
Medco		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Bluebunch wheatgrass	5
				Prairie junegrass	5
123F	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
Medco		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
				Mountain brome	5
				Baldhip rose	5
				California black oak	5
124F	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
Medco		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
125C**:					
Medco	Clayey Hills, 20- to 35-inch precipitation zone.	Favorable	1,000	California danthonia	65
		Normal	800	Oregon white oak	5
		Unfavorable	700	Pacific serviceberry	5
				Idaho fescue	5
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
125F**:					
Medco	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Bluebunch wheatgrass	5
				Prairie junegrass	5
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
126F**:					
Medco	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Oregon white oak	5
		Unfavorable	800	California black oak	5
				Pacific serviceberry	5
				Pine bluegrass	5
				Bluebunch wheatgrass	5
				Prairie junegrass	5
McNull	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
127A, 128B Medford	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry	20
		Normal	800	Pacific serviceberry	5
		Unfavorable	600	Poison oak	5
				Tall Oregon grape	5
				Idaho fescue	5
				Ponderosa pine	5
				Oregon white oak	5
				California black oak	5
				Pacific madrone	5
129B Merlin	Loamy Juniper Scabland, 20- to 30-inch precipitation zone.	Favorable	600	Bluebunch wheatgrass	25
		Normal	400	Sandberg bluegrass	10
		Unfavorable	300	Pine bluegrass	10
				Idaho fescue	5
				Antelope bitterbrush	5
				Hawksbeard	5
				Lomatium	5
				Western yarrow	5
				Western juniper	5
				Wedgeleaf ceanothus	5
				Lemmon needlegrass	5
				Wooly eriophyllum	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
130E**, 131F**:					
Musty	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
Goolaway	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
132F**:					
Musty	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
Goolaway	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
133A Newberg	Loamy Flood Plain, 18- to 30-inch precipitation zone.	Favorable	1,000	Willow	10
		Normal	800	Himalaya blackberry	10
		Unfavorable	600	Common snowberry	10
				Pacific serviceberry	5
				Poison oak	5
				Klamath plum	5
				Black cottonwood	5
				Oregon ash	5
				Oregon white oak	5
				Kentucky bluegrass	5
134F**:					
Norling	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
134F**:					
Acker	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
135E, 135G	Shasta Fir-White Pine-Princes Pine Forest.	Favorable	---	Shasta red fir	10
Oatman		Normal	---	Western princes pine	10
		Unfavorable	---	Sedge	10
				Mountain brome	10
				White fir	5
				Western white pine	2
136E	White Fir-Shasta Fir Forest	Favorable	---	White fir	20
Oatman		Normal	---	Shasta red fir	15
		Unfavorable	---	Western princes pine	5
				Sedge	5
				Western white pine	1
137C	White Fir-White Pine Forest	Favorable	---	White fir	25
Oatman		Normal	---	Sedge	15
		Unfavorable	---	Western princes pine	10
				Mountain brome	5
				Western white pine	3
				Lodgepole pine	2
138C**:					
Oatman	Shasta Fir-White Pine-Princes Pine Forest.	Favorable	---	Shasta red fir	10
		Normal	---	Western princes pine	10
		Unfavorable	---	Sedge	10
				Mountain brome	10
				White fir	5
				Western white pine	2
Otwin	Shasta Fir-White Pine-Princes Pine Forest.	Favorable	---	Shasta red fir	10
		Normal	---	Western princes pine	10
		Unfavorable	---	Sedge	10
				Mountain brome	10
				White fir	5
139A	Poorly Drained Bottom	Favorable	5,000	Rush	15
Padigan		Normal	4,000	Sedge	15
		Unfavorable	3,500	Mannagrass	15
				Cattail	10
				Willow	5
				Timothy	5
140G**:					
Pearsoll	Shallow Serpentine, 30- to 40-inch precipitation zone.	Favorable	1,000	Sheep fescue	45
		Normal	800	Wooly eriophyllum	6
		Unfavorable	600	Lemmon needlegrass	5
				California fescue	5
				Pine bluegrass	5
				Jeffrey pine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
140G**:					
Dubakella	Douglas Fir-Pine Forest, Serpentine.	Favorable	---	Douglas fir	15
		Normal	---	Pacific madrone	10
		Unfavorable	---	Canyon live oak	10
				California fescue	10
				Incense cedar	5
				Jeffrey pine	5
				Sugar pine	5
				Hazel	5
				Common snowberry	5
				Western fescue	5
				Western swordfern	5
141A Phoenix	Poorly Drained Bottom	Favorable	5,000	Rush	15
		Normal	4,000	Sedge	15
		Unfavorable	3,500	Mannagrass	15
				Cattail	10
				Willow	5
				Timothy	5
142C, 143E Pinehurst	Mixed Fir-Yew Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Cascade Oregongrape	10
				Common snowberry	5
				Pacific yew	5
				American twinflower	5
				Starflower	5
144E Pinehurst	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Tall Oregon grape	5
				Pacific serviceberry	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
				Baldhip rose	5
145C**:					
Pinehurst	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
				Baldhip rose	5
Greystoke	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
				Baldhip rose	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
147C**:					
Pokegema	Mixed Conifer-Chinkapin-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western princes pine	5
				Western fescue	5
				Bush chinkapin	5
Woodcock	Mixed Conifer-Chinkapin-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western princes pine	5
				Western fescue	5
				Bush chinkapin	5
148C**:					
Pokegema	Mixed Conifer-Bitterbrush-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western fescue	5
				Squawcarpet	5
				Antelope bitterbrush	2
Woodcock	Mixed Conifer-Bitterbrush-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western fescue	5
				Squawcarpet	5
				Antelope bitterbrush	2
149B, 149D Pollard	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
150E Provig	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5
151C**:					
Provig	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Prairie junegrass	5
		Unfavorable	800	Pine bluegrass	5
				Pacific serviceberry	5
				Oregon white oak	5
				California black oak	5
				Bluebunch wheatgrass	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
151C**:					
Agate	Biscuit-Scabland (mound), 18- to 26-inch precipitation zone.	Favorable	1,000	Bluebunch wheatgrass	40
		Normal	800	Pine bluegrass	10
		Unfavorable	600	Lemmon needlegrass	10
				Idaho fescue	5
				Wedgeleaf ceanothus	5
				California brome	5
152B**:					
Randcore	Biscuit-Scabland (intermound), 18- to 26-inch precipitation zone.	Favorable	150	Annual hairgrass	10
		Normal	120	Mouse barley	5
		Unfavorable	100	Pacific foxtail	5
				Canada bluegrass	5
				Lupine	5
Shoat	Biscuit-Scabland (mound), 18- to 26-inch precipitation zone.	Favorable	1,000	Bluebunch wheatgrass	40
		Normal	800	Pine bluegrass	10
		Unfavorable	600	Lemmon needlegrass	10
				Idaho fescue	5
				Wedgeleaf ceanothus	5
				California brome	5
153B**:					
Reinecke	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Common snowberry	5
				Vine maple	5
Coyata	Mixed Fir-Western Hemlock Forest.	Favorable	---	White fir	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	10
				Douglas fir	5
				Western hemlock	5
				Pacific dogwood	5
				Vine maple	5
				Common snowberry	5
155E, 155G Rogue	Mixed Fir-Oceanspray Forest	Favorable	---	Douglas fir	10
		Normal	---	Creambush oceanspray	10
		Unfavorable	---	Cascade Oregongrape	10
				White fir	10
				Common snowberry	5
156E, 156G Rogue	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Pacific serviceberry	5
				Tall Oregon grape	5
				Baldhip rose	5
				Western fescue	5
				Western princes pine	5
				Mountain brome	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
157B, 158B, 158D--- Ruch	Douglas Fir-Mixed Pine-Fescue Forest.	Favorable	---	Common snowberry	10
		Normal	---	Western fescue	5
		Unfavorable	---	Mountain brome	5
				California black oak	5
				Douglas fir	5
				Tall Oregon grape	5
				Sugar pine	5
				Baldhip rose	5
159C, 160E, 160G--- Rustlerpeak	White Fir Forest	Favorable	---	White fir	5
		Normal	---	Gooseberry	5
		Unfavorable	---	Common snowberry	5
				Starflower	5
				Mountain sweetroot	5
				Sandwort	5
				Rocky Mountain maple	2
161G**:					
Rustlerpeak	White Fir Forest	Favorable	---	White fir	5
		Normal	---	Gooseberry	5
		Unfavorable	---	Common snowberry	5
				Starflower	5
				Mountain sweetroot	5
				Sandwort	5
				Rocky Mountain maple	2
Rock outcrop.					
162B, 162D--------- Selmac	Loamy Hills, 20- to 35-inch precipitation zone.	Favorable	1,400	Idaho fescue	30
		Normal	1,000	Bluebunch wheatgrass	5
		Unfavorable	800	Oregon white oak	5
				California black oak	5
				Prairie junegrass	5
				Pine bluegrass	5
				Pacific serviceberry	5
163A--------- Sevenoaks	Deep Loamy Terrace, 18- to 28-inch precipitation zone.	Favorable	1,000	Common snowberry	20
		Normal	800	Pacific serviceberry	5
		Unfavorable	600	Poison oak	5
				Tall Oregon grape	5
				Idaho fescue	5
				Ponderosa pine	5
				Oregon white oak	5
				California black oak	5
				Pacific madrone	5
164B, 164D, 165E--- Shefflein	Douglas Fir-Mixed Pine-Fescue Forest.	Favorable	---	Common snowberry	10
		Normal	---	Douglas fir	5
		Unfavorable	---	Sugar pine	5
				California black oak	5
				Tall Oregon grape	5
				Western fescue	5
				Mountain brome	5
				Baldhip rose	5
166E--------- Shefflein	Mixed Pine-Douglas Fir-Fescue Forest, Granitic.	Favorable	---	Idaho fescue	20
		Normal	---	Deerbrush	10
		Unfavorable	---	Douglas fir	5
				Whiteleaf manzanita	5
				California fescue	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
167B Sibannac	Wet Meadow	Favorable	3,500	Tufted hairgrass	65
		Normal	3,000	Meadow barley	5
		Unfavorable	2,500	Sedge	5
168G Siskiyou	Douglas Fir-Dogwood Forest, Granitic.	Favorable	---	Douglas fir	15
		Normal	---	California black oak	15
		Unfavorable	---	Pacific madrone	10
				Common snowberry	10
				Sugar pine	5
				Pacific dogwood	5
169G Siskiyou	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
170C Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
171E**, 172E**:					
Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
Bogus	Douglas Fir-Mixed Pine-Sedge Forest.	Favorable	---	Douglas fir	15
		Normal	---	Western fescue	15
		Unfavorable	---	Common snowberry	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				California black oak	5
				Ponderosa pine	5
				Strawberry	5
				White hawkweed	5
				Deerbrush	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
173D**, 173F**:					
Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
Rock outcrop.					
McMullin	Loamy Shrub Scabland, 18- to 35-inch precipitation zone.	Favorable	700	Wedgeleaf ceanothus	25
		Normal	500	Bluebunch wheatgrass	25
		Unfavorable	400	Pine bluegrass	10
				Oregon white oak	5
				Wooly eriophyllum	5
				Lemmon needlegrass	5
174G**:					
Skookum	Droughty Slopes, 20- to 30-inch precipitation zone.	Favorable	1,200	Idaho fescue	30
		Normal	1,000	Oregon white oak	10
		Unfavorable	800	Bluebunch wheatgrass	10
				Pine bluegrass	10
				Western juniper	5
				Pacific serviceberry	5
				Wedgeleaf ceanothus	5
				Antelope bitterbrush	5
				Lomatium	5
				Western yarrow	5
Rock outcrop.					
Rubble land.					
175F Snowbrier	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
176F Snowbrier	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
177C, 178E Snowlin	White Fir Forest	Favorable	---	White fir	5
		Normal	---	Gooseberry	5
		Unfavorable	---	Common snowberry	5
				Starflower	5
				Mountain sweetroot	5
				Sandwort	5
				Rocky Mountain maple	2
179F**:					
Speaker	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
Josephine	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5
180G Steinmetz	Mixed Fir-Salal (rhododendron) Forest.	Favorable	---	Salal	10
		Normal	---	Cascade Oregongrape	10
		Unfavorable	---	Deerfoot vanillaleaf	8
				Douglas fir	5
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Pacific rhododendron	5
				Whipplevine	5
181G Steinmetz	Douglas Fir-Madrone-Chinkapin Forest.	Favorable	---	Douglas fir	20
		Normal	---	Cascade Oregongrape	15
		Unfavorable	---	Pacific madrone	7
				White fir	5
				Golden chinkapin	5
				Common snowberry	5
				Whipplevine	5
182E Straight	Mixed Fir-Dogwood Forest	Favorable	---	White fir	10
		Normal	---	Douglas fir	7
		Unfavorable	---	Cascade Oregongrape	7
				Pacific dogwood	5
				American twinflower	5
				Deerfoot vanillaleaf	5
				Common snowberry	5
				Whipplevine	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
183E---------- Straight	Mixed Fir-Mixed Pine Forest---	Favorable	---	White fir----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Sugar pine----------	5
				California black oak----------	5
				Tall Oregon grape----------	5
				Common snowberry----------	5
				White hawkweed----------	5
184G**:					
Straight----------	Mixed Fir-Dogwood Forest------	Favorable	---	White fir----------	10
		Normal	---	Douglas fir----------	7
		Unfavorable	---	Cascade Oregongrape----------	7
				Pacific dogwood----------	5
				American twinflower----------	5
				Deerfoot vanillaleaf----------	5
				Common snowberry----------	5
				Whipplevine----------	5
Shippa----------	Mixed Fir-Dogwood Forest------	Favorable	---	White fir----------	10
		Normal	---	Douglas fir----------	7
		Unfavorable	---	Cascade Oregongrape----------	7
				Pacific dogwood----------	5
				American twinflower----------	5
				Deerfoot vanillaleaf----------	5
				Common snowberry----------	5
				Whipplevine----------	5
185G**:					
Straight----------	Mixed Fir-Mixed Pine Forest---	Favorable	---	White fir----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Sugar pine----------	5
				California black oak----------	5
				Tall Oregon grape----------	5
				Common snowberry----------	5
				White hawkweed----------	5
Shippa----------	Mixed Fir-Mixed Pine Forest---	Favorable	---	White fir----------	15
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Sugar pine----------	5
				California black oak----------	5
				Tall Oregon grape----------	5
				Common snowberry----------	5
				White hawkweed----------	5
186H**:					
Tablerock---------	Pine-Douglas Fir-Fescue-------	Favorable	---	California fescue----------	25
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Idaho fescue----------	10
				Pacific serviceberry----------	5
				Common snowberry----------	5
				Tall Oregon grape----------	5
				Blue wildrye----------	5
Rock outcrop.					
187A---------- Takilma	Pine-Douglas Fir-Fescue-------	Favorable	---	California fescue----------	25
		Normal	---	Douglas fir----------	10
		Unfavorable	---	Idaho fescue----------	10
				Tall Oregon grape----------	5
				Pacific serviceberry----------	5
				Common snowberry----------	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
188E, 188G Tallowbox	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				California black oak	5
				Tall Oregon grape	5
				Poison oak	5
				Western fescue	5
				California brome	5
				Baldhip rose	5
189E, 189G Tallowbox	Mixed Pine-Douglas Fir-Fescue Forest, Granitic.	Favorable	---	Idaho fescue	20
		Normal	---	Deerbrush	10
		Unfavorable	---	Douglas fir	5
				Whiteleaf manzanita	5
				California fescue	5
190E, 190G Tatouche	Mixed Fir-Oceanspray Forest	Favorable	---	Douglas fir	10
		Normal	---	White fir	10
		Unfavorable	---	Creambush oceanspray	10
				Cascade Oregongrape	10
				Common snowberry	5
191E, 191G Tatouche	Mixed Fir-Serviceberry Forest	Favorable	---	White fir	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Common snowberry	7
				Pacific serviceberry	5
				Tall Oregon grape	5
				Baldhip rose	5
				Western princes pine	5
				Western fescue	5
				Mountain brome	5
192A Terrabella	Wet Meadow	Favorable	3,500	Tufted hairgrass	65
		Normal	3,000	Meadow barley	5
		Unfavorable	2,500	Sedge	5
193G Tethrick	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
194G Tethrick	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
195E, 195F Vannoy	Douglas Fir Forest	Favorable	---	Creambush oceanspray	15
		Normal	---	Common snowberry	10
		Unfavorable	---	Douglas fir	5
				Tall Oregon grape	5
				Mountain brome	5
				White hawkweed	5
				California black oak	5
				Poison oak	5
196E Vannoy	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
197F**:					
Vannoy	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Tall Oregon grape	5
				Pacific serviceberry	5
				Common snowberry	5
Voorhies	Pine-Douglas Fir-Fescue	Favorable	---	California fescue	25
		Normal	---	Douglas fir	10
		Unfavorable	---	Idaho fescue	10
				Pacific serviceberry	5
				Tall Oregon grape	5
				Common snowberry	5
198A Winlo	Poorly Drained Bottom	Favorable	5,000	Rush	15
		Normal	4,000	Sedge	15
		Unfavorable	3,000	Mannagrass	15
				Cattail	10
				Willow	5
				Timothy	5
199C, 200E Wolfpeak	Douglas Fir-Chinkapin Forest	Favorable	---	Cascade Oregongrape	15
		Normal	---	Douglas fir	10
		Unfavorable	---	Pacific madrone	5
				Pacific dogwood	5
				Common snowberry	5
				Creambush oceanspray	5
				Whipplevine	5
				Deerfoot vanillaleaf	5
201E Wolfpeak	Douglas Fir-Black Oak Forest	Favorable	---	Douglas fir	20
		Normal	---	California black oak	10
		Unfavorable	---	Pacific madrone	5
				Common snowberry	5
				Tall Oregon grape	5
				Whipplevine	5
				Mountain brome	5
				Western fescue	5
				California fescue	5

See footnotes at end of table.

TABLE 6.--CHARACTERISTIC PLANT COMMUNITIES--Continued

Soil name and map symbol	Vegetative site	Total production: Kind of year	Total production: Dry weight*	Characteristic vegetation	Composition
			Lb/acre		Pct
202F, 203F Woodcock	Mixed Conifer-Chinkapin-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western princes pine	5
				Western fescue	5
				Bush chinkapin	5
204E**, 205E**:					
Woodcock	Mixed Conifer-Chinkapin-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western princes pine	5
				Western fescue	5
				Bush chinkapin	5
Pokegema	Mixed Conifer-Chinkapin-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western princes pine	5
				Western fescue	5
				Bush chinkapin	5
206E**:					
Woodcock	Mixed Conifer-Bitterbrush-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western fescue	5
				Squawcarpet	5
				Antelope bitterbrush	2
Pokegema	Mixed Conifer-Bitterbrush-Sedge Forest.	Favorable	---	White fir	20
		Normal	---	Douglas fir	15
		Unfavorable	---	Common snowberry	5
				Western fescue	5
				Squawcarpet	5
				Antelope bitterbrush	2
207E**, 207G**:					
Woodseye	Loamy Juniper Scabland, 20- to 30-inch precipitation zone.	Favorable	600	Bluebunch wheatgrass	25
		Normal	400	Pine bluegrass	10
		Unfavorable	300	Sandberg bluegrass	10
				Idaho fescue	5
				Wooly eriophyllum	5
				Antelope bitterbrush	5
				Hawksbeard	5
				Lomatium	5
				Western yarrow	5
				Western juniper	5
				Wedgeleaf ceanothus	5
				Lemmon needlegrass	5
Rock outcrop.					

* For map units having entries in this column, the percent composition entries were determined by air-dry weight of individual species. For map units having no entries in this column, the percent composition entries were determined by occurrence of individual species. Other species that occur on the site but have less than 5 percent composition typically are not shown unless they are significant for site identification.

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

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY

(Only the soils suitable for production of commercial trees are listed. Absence of an entry indicates that information was not available)

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
1B, 1C Abegg	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					California black oak	---	---	
					Pacific madrone	---	---	
					Sugar pine	---	---	
3E***:								
Acker	Moderate	Slight	Slight	Severe	Douglas fir	100	10	Douglas fir.
					Western hemlock	---	---	
Dumont	Moderate	Slight	Slight	Severe	Douglas fir	100	10	Douglas fir.
					Pacific madrone	---	---	
4E***:								
Acker	Moderate	Moderate	Slight	Severe	Douglas fir	95	9	Douglas fir, ponderosa pine.
					Incense cedar	---	---	
					Pacific madrone	---	---	
Dumont	Moderate	Slight	Slight	Severe	Douglas fir	95	9	Douglas fir.
					Pacific madrone	---	---	
5F***:								
Acker	Severe	Slight	Slight	Severe	Douglas fir	100	10	Douglas fir.
					Western hemlock	---	---	
Norling	Severe	Slight	Moderate	Moderate	Douglas fir	95	9	Douglas fir.
					White fir	---	---	
					Western hemlock	---	---	
					Pacific madrone	---	---	
7C***:								
Aspenlake	Moderate	Moderate	Moderate	Moderate	Ponderosa pine	90	6	Ponderosa pine, Douglas fir.
					White fir	---	---	
					Douglas fir	---	---	
					Incense cedar	---	---	
Whiteface	Slight	Severe	Severe	Moderate	Ponderosa pine	75	4	Ponderosa pine, Douglas fir.
					White fir	---	---	
					Douglas fir	---	---	
					Incense cedar	---	---	
8A Barhiskey	Moderate	Severe	Slight	Moderate	Douglas fir	90	8	Ponderosa pine, Douglas fir.
					Ponderosa pine	110	8	
					Sugar pine	---	---	
10B, 10C Barron	Moderate	Moderate	Slight	Moderate	Ponderosa pine	110	8	Ponderosa pine.
					Douglas fir	85	8	
					Sugar pine	---	---	
11G***:								
Beekman	Severe	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					Sugar pine	---	---	
Colestine	Severe	Slight	Moderate	Moderate	Douglas fir	90	8	Douglas fir.
					Sugar pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
12G***:								
Beekman	Severe	Severe	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
Colestine	Severe	Severe	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
13C***:								
Bly	Moderate	Moderate	Slight	Slight	Ponderosa pine	100	7	Ponderosa pine.
Royst	Slight	Moderate	Moderate	Moderate	Ponderosa pine	80	5	Ponderosa pine, white fir, Douglas fir.
					White fir	---	---	
					Douglas fir	---	---	
13E***:								
Bly	Moderate	Moderate	Slight	Slight	Ponderosa pine	100	7	Ponderosa pine.
Royst	Moderate	Moderate	Moderate	Moderate	Ponderosa pine	80	5	Ponderosa pine, white fir, Douglas fir.
					White fir	---	---	
					Douglas fir	---	---	
14G Bogus	Severe	Moderate	Slight	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	90	6	
					Sugar pine	---	---	
15C***:								
Bogus	Slight	Moderate	Slight	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	90	6	
					Sugar pine	---	---	
Skookum.								
18C Bybee	Severe	Severe	Severe	Severe	Douglas fir	75	6	Douglas fir, white fir, ponderosa pine.
					White fir	---	---	
					Ponderosa pine	95	7	
19E***:								
Bybee	Severe	Moderate	Severe	Severe	Douglas fir	85	8	Douglas fir, white fir.
					White fir	---	---	
Tatouche	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, white fir.
					White fir	---	---	
20E***:								
Bybee	Severe	Moderate	Severe	Severe	Douglas fir	80	7	Douglas fir, white fir, ponderosa pine.
					White fir	---	---	
Tatouche	Moderate	Moderate	Slight	Moderate	Douglas fir	85	8	Douglas fir, white fir.
					White fir	---	---	
24C***:								
Campfour	Slight	Moderate	Slight	Slight	Ponderosa pine	95	7	Ponderosa pine, Douglas fir.
					Douglas fir	85	8	
					Incense cedar	---	---	
					California black oak	---	---	
Paragon	Slight	Moderate	Moderate	Slight	Ponderosa pine	80	5	Ponderosa pine, Douglas fir.
					Douglas fir	60	4	
					Incense cedar	---	---	
					California black oak	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
24E***:								
Campfour	Moderate	Moderate	Slight	Slight	Ponderosa pine	95	7	Ponderosa pine, Douglas fir.
					Douglas fir	85	8	
					Incense cedar	---	---	
					California black oak	---	---	
Paragon	Moderate	Moderate	Moderate	Slight	Ponderosa pine	80	5	Ponderosa pine, Douglas fir.
					Douglas fir	60	4	
					Incense cedar	---	---	
					California black oak	---	---	
25G***:								
Caris	Severe	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Pacific madrone	---	---	
					California black oak	---	---	
Offenbacher	Severe	Moderate	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Pacific madrone	---	---	
					California black oak	---	---	
26G***:								
Caris	Severe	Severe	Moderate	Moderate	Douglas fir	65	4	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Pacific madrone	---	---	
					California black oak	---	---	
Offenbacher	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Pacific madrone	---	---	
					California black oak	---	---	
29D, 29E Carney	Severe	Severe	Slight	Moderate	Ponderosa pine	70	4	Ponderosa pine.
					California black oak	---	---	
36G***:								
Coyata	Severe	Moderate	Moderate	Moderate	Douglas fir	100	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
Rock outcrop.								
37G***:								
Coyata	Severe	Severe	Moderate	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
Rock outcrop.								
38C***:								
Crater Lake	Moderate	Moderate	Slight	Severe	Douglas fir	110	11	Douglas fir, ponderosa pine.
					White fir	---	---	
					Western hemlock	---	---	
Alcot	Moderate	Moderate	Slight	Severe	Douglas fir	110	11	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
39E***:								
Crater Lake----	Moderate	Slight	Slight	Severe	Douglas fir---------	110	11	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Western hemlock-----	---	---	
Alcot----------	Moderate	Slight	Slight	Severe	Douglas fir---------	110	11	Douglas fir, ponderosa pine.
					Western hemlock-----	---	---	
					White fir----------	---	---	
40E***:								
Crater Lake----	Moderate	Moderate	Slight	Severe	Douglas fir---------	100	10	Douglas fir, ponderosa pine.
					Sugar pine----------	---	---	
					White fir----------	---	---	
					Incense cedar-------	---	---	
Alcot----------	Moderate	Moderate	Slight	Severe	Douglas fir---------	100	10	Douglas fir, ponderosa pine.
					Sugar pine----------	---	---	
					White fir----------	---	---	
					Incense cedar-------	---	---	
41G***:								
Crater Lake----	Severe	Slight	Slight	Severe	Douglas fir---------	110	11	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Western hemlock-----	---	---	
Rock outcrop.								
42G***:								
Crater Lake----	Severe	Severe	Slight	Severe	Douglas fir---------	100	10	Douglas fir, ponderosa pine.
					Sugar pine----------	---	---	
					White fir----------	---	---	
					Incense cedar-------	---	---	
Rock outcrop.								
45G---------- Donegan	Severe	Moderate	Moderate	Severe	Douglas fir---------	105	10	Douglas fir, ponderosa pine.
					White fir----------	85	14	
					Western hemlock-----	---	---	
					Incense cedar-------	---	---	
46G---------- Donegan	Severe	Severe	Moderate	Severe	Douglas fir---------	95	9	Douglas fir, ponderosa pine.
					White fir----------	80	14	
					Incense cedar-------	---	---	
47C***:								
Donegan--------	Moderate	Moderate	Moderate	Severe	Douglas fir---------	105	10	Douglas fir, ponderosa pine.
					White fir----------	85	14	
					Western hemlock-----	---	---	
					Incense cedar-------	---	---	
Killet---------	Severe	Moderate	Slight	Severe	Douglas fir---------	115	11	Douglas fir, ponderosa pine.
					White fir----------	90	15	
					Western hemlock-----	---	---	
					Incense cedar-------	---	---	
48E***:								
Donegan--------	Moderate	Moderate	Moderate	Severe	Douglas fir---------	105	10	Douglas fir, ponderosa pine.
					White fir----------	85	14	
					Western hemlock-----	---	---	
					Incense cedar-------	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
48E***:								
Killet	Severe	Moderate	Slight	Severe	Douglas fir	115	11	Douglas fir, ponderosa pine.
					White fir	90	15	
					Western hemlock	---	---	
					Incense cedar	---	---	
49E***:								
Donegan	Moderate	Moderate	Moderate	Severe	Douglas fir	100	10	Douglas fir, ponderosa pine.
					White fir	80	14	
					Incense cedar	---	---	
Killet	Severe	Moderate	Slight	Severe	Douglas fir	105	10	Douglas fir, ponderosa pine.
					White fir	85	14	
					Incense cedar	---	---	
50E Dubakella	Slight	Severe	Moderate	Moderate	Ponderosa pine	60	3	Jeffrey pine, incense cedar.
					Jeffrey pine	---	---	
					Incense cedar	---	---	
					Douglas fir	60	4	
50G Dubakella	Severe	Severe	Moderate	Moderate	Ponderosa pine	60	3	Jeffrey pine, incense cedar.
					Jeffrey pine	---	---	
					Incense cedar	---	---	
					Douglas fir	60	4	
51C Dumont	Moderate	Slight	Slight	Severe	Douglas fir	100	10	Douglas fir.
					Pacific madrone	---	---	
52C***:								
Dumont	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
Coyata	Moderate	Moderate	Moderate	Moderate	Douglas fir	100	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
53E***:								
Dumont	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
Coyata	Moderate	Moderate	Moderate	Moderate	Douglas fir	100	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
53G***:								
Dumont	Severe	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
Coyata	Severe	Moderate	Moderate	Moderate	Douglas fir	100	10	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	
54E***:								
Dumont	Moderate	Moderate	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
54E***:								
Coyata	Moderate	Moderate	Moderate	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
54G***:								
Dumont	Severe	Severe	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
Coyata	Severe	Severe	Moderate	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
56C Farva	Moderate	Severe	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					White fir	65	10	
57E Farva	Moderate	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					White fir	65	10	
57G Farva	Severe	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					White fir	65	10	
58E Farva	Moderate	Moderate	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					White fir	65	10	
58G Farva	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					White fir	65	10	
59G***:								
Farva	Severe	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					White fir	65	10	
Rock outcrop.								
60G***:								
Farva	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					White fir	65	10	
Rock outcrop.								
62C Freezener	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
63E Freezener	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
64E Freezener	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
65C***:								
Freezener	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
65C***:								
Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	110	8	
					Sugar pine	---	---	
66E***:								
Freezener	Moderate	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
66G***:								
Freezener	Severe	Slight	Slight	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
Geppert	Severe	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
67E***:								
Freezener	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Sugar pine	---	---	
67G***:								
Freezener	Severe	Severe	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
Geppert	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Sugar pine	---	---	
68C Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	110	8	
					Sugar pine	---	---	
69E Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
69G Geppert	Severe	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					White fir	---	---	
					Sugar pine	---	---	
70E Geppert	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Sugar pine	---	---	
70G Geppert	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Sugar pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Management concerns: Seedling mortality	Management concerns: Windthrow hazard	Management concerns: Plant competition	Potential productivity: Common trees	Potential productivity: Site index*	Potential productivity: Productivity class**	Trees to plant
71E---------- Goolaway	Moderate	Slight	Moderate	Severe	Douglas fir--------- Sugar pine----------	95 ---	9 ---	Douglas fir, ponderosa pine.
71F---------- Goolaway	Severe	Slight	Moderate	Severe	Douglas fir--------- Sugar pine----------	95 ---	9 ---	Douglas fir, ponderosa pine.
72E---------- Goolaway	Moderate	Moderate	Moderate	Severe	Douglas fir--------- Ponderosa pine------ Sugar pine----------	90 --- ---	8 --- ---	Douglas fir, ponderosa pine.
72F---------- Goolaway	Severe	Severe	Moderate	Severe	Douglas fir--------- Ponderosa pine------ Sugar pine----------	90 --- ---	8 --- ---	Douglas fir, ponderosa pine.
73E***:								
Goolaway-------	Moderate	Slight	Moderate	Severe	Douglas fir--------- Sugar pine----------	95 ---	9 ---	Douglas fir, ponderosa pine.
Pollard--------	Moderate	Slight	Slight	Moderate	Douglas fir--------- Ponderosa pine------ Sugar pine----------	95 --- ---	9 --- ---	Douglas fir, ponderosa pine.
74F, 74G-------- Gravecreek	Severe	Severe	Severe	Moderate	Douglas fir--------- Incense cedar------- Sugar pine---------- Jeffrey pine--------	70 --- --- ---	6 --- --- ---	Jeffrey pine, Douglas fir.
75E---------- Gravecreek	Moderate	Severe	Severe	Moderate	Douglas fir--------- Incense cedar------- Sugar pine---------- Jeffrey pine--------	65 --- --- ---	5 --- --- ---	Jeffrey pine, Douglas fir.
75F, 75G-------- Gravecreek	Severe	Severe	Severe	Moderate	Douglas fir--------- Incense cedar------- Sugar pine---------- Jeffrey pine--------	65 --- --- ---	5 --- --- ---	Jeffrey pine, Douglas fir.
77F, 77G-------- Greystoke	Severe	Slight	Slight	Moderate	Douglas fir--------- Ponderosa pine------ White fir----------	65 90 ---	5 6 ---	Douglas fir, ponderosa pine.
78F---------- Greystoke	Severe	Severe	Slight	Moderate	Douglas fir--------- Ponderosa pine------ Incense cedar-------	60 80 ---	4 5 ---	Douglas fir, ponderosa pine.
79E***:								
Greystoke------	Moderate	Slight	Slight	Moderate	Douglas fir--------- Ponderosa pine------ White fir----------	65 90 ---	5 6 ---	Douglas fir, ponderosa pine.
Pinehurst------	Severe	Slight	Slight	Moderate	Douglas fir--------- Ponderosa pine------ White fir----------	75 95 60	6 7 9	Douglas fir, ponderosa pine.
80E***:								
Greystoke------	Moderate	Moderate	Slight	Moderate	Douglas fir--------- Ponderosa pine------ Incense cedar-------	60 85 ---	4 5 ---	Douglas fir, ponderosa pine.

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
80E***:								
Pinehurst	Severe	Moderate	Slight	Moderate	Douglas fir	65	5	Ponderosa pine, Douglas fir.
					Ponderosa pine	85	5	
					Incense cedar	---	---	
83E Hobit	Severe	Moderate	Moderate	Moderate	White fir	70	11	White fir, Shasta red fir.
83G Hobit	Severe	Moderate	Moderate	Moderate	White fir	70	11	White fir, Shasta red fir.
84E Hobit	Moderate	Moderate	Moderate	Moderate	White fir	65	10	White fir, Shasta red fir.
84G Hobit	Severe	Severe	Moderate	Moderate	White fir	65	10	White fir, Shasta red fir.
86C Hukill	Moderate	Slight	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	110	8	
					Sugar pine	---	---	
87F Jayar	Moderate	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, Shasta red fir.
					White fir	---	---	
87G Jayar	Severe	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, Shasta red fir.
					White fir	---	---	
88F Jayar	Moderate	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, Shasta red fir.
					White fir	---	---	
89E Jayar Variant	Severe	Severe	Severe	Moderate	White fir	50	6	Ponderosa pine.
					Douglas fir	---	---	
90E***:								
Josephine	Moderate	Slight	Slight	Severe	Douglas fir	95	9	Douglas fir.
					Sugar pine	---	---	
Pollard	Moderate	Slight	Slight	Severe	Douglas fir	95	9	Douglas fir, ponderosa pine.
					Sugar pine	---	---	
					Incense cedar	---	---	
91E***:								
Josephine	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	115	9	
					Incense cedar	---	---	
Pollard	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	115	9	
					Sugar pine	---	---	
92E***:								
Josephine	Moderate	Slight	Slight	Severe	Douglas fir	95	9	Douglas fir.
					Sugar pine	---	---	
Speaker	Moderate	Slight	Moderate	Moderate	Douglas fir	90	8	Douglas fir.
					Sugar pine	---	---	
					Ponderosa pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
92F***:								
Josephine	Severe	Slight	Slight	Severe	Douglas fir	95	9	Douglas fir.
					Sugar pine	---	---	
Speaker	Severe	Slight	Moderate	Moderate	Douglas fir	90	8	Douglas fir.
					Sugar pine	---	---	
					Ponderosa pine	---	---	
93E***:								
Josephine	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	115	9	
					Incense cedar	---	---	
Speaker	Moderate	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					Ponderosa pine	105	8	
					Sugar pine	---	---	
94G***:								
Kanid	Severe	Moderate	Slight	Moderate	Douglas fir	95	9	Douglas fir, grand fir.
					Grand fir	---	---	
					Incense cedar	---	---	
Atring	Severe	Moderate	Moderate	Moderate	Douglas fir	95	9	Douglas fir.
95G***:								
Kanid	Severe	Severe	Slight	Moderate	Douglas fir	90	8	Douglas fir, grand fir.
					Grand fir	---	---	
					Incense cedar	---	---	
Atring	Severe	Severe	Moderate	Moderate	Douglas fir	90	8	Douglas fir.
101E Langellain	Severe	Moderate	Moderate	Moderate	Ponderosa pine	90	6	Ponderosa pine.
					Douglas fir	65	5	
					Oregon white oak	---	---	
					Pacific madrone	---	---	
					Incense cedar	---	---	
					Sugar pine	---	---	
104E Lettia	Moderate	Moderate	Slight	Severe	Douglas fir	105	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
105E Lettia	Moderate	Severe	Slight	Severe	Douglas fir	100	10	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
106C Lobert	Slight	Moderate	Slight	Moderate	Ponderosa pine	80	5	Ponderosa pine.
108B Manita	Moderate	Moderate	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Madrone	---	---	
108D, 108E Manita	Moderate	Moderate	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Madrone	---	---	
108F Manita	Severe	Severe	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Madrone	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
109E***:								
Manita	Moderate	Moderate	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Madrone	---	---	
Vannoy	Moderate	Moderate	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	90	6	
111G***:								
McMullin.								
McNull	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
114E McNull	Moderate	Slight	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
114G McNull	Severe	Slight	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
115E McNull	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
115G McNull	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
116E***:								
McNull	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
McMullin.								
116G***:								
McNull	Severe	Severe	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
McMullin.								
117G***:								
McNull	Severe	Slight	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
McMullin.								
118E***:								
McNull	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
Medco.								
119F***:								
McNull	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
Medco	Severe	Moderate	Severe	Severe	Douglas fir	65	5	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
123F Medco	Severe	Slight	Severe	Severe	Douglas fir	65	5	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
124F---------- Medco	Severe	Moderate	Severe	Severe	Douglas fir--------- Ponderosa pine------	65 ---	5 ---	Douglas fir, ponderosa pine.
126F***:								
Medco.								
McNull---------	Moderate	Moderate	Moderate	Moderate	Douglas fir--------- Ponderosa pine------	70 ---	6 ---	Douglas fir, ponderosa pine.
130E***:								
Musty----------	Moderate	Moderate	Moderate	Moderate	Douglas fir--------- Sugar pine---------- Ponderosa pine------	80 --- ---	7 --- ---	Douglas fir, ponderosa pine.
Goolaway-------	Moderate	Slight	Moderate	Severe	Douglas fir--------- Sugar pine----------	95 ---	9 ---	Douglas fir, ponderosa pine.
131F***:								
Musty----------	Severe	Moderate	Moderate	Moderate	Douglas fir--------- Sugar pine---------- Ponderosa pine------	85 --- ---	8 --- ---	Douglas fir, ponderosa pine.
Goolaway-------	Severe	Slight	Moderate	Severe	Douglas fir--------- Sugar pine----------	95 ---	9 ---	Douglas fir, ponderosa pine.
132F***:								
Musty----------	Severe	Severe	Moderate	Moderate	Douglas fir--------- Sugar pine---------- Ponderosa pine------	80 --- ---	7 --- ---	Douglas fir, ponderosa pine.
Goolaway-------	Severe	Severe	Moderate	Severe	Douglas fir--------- Ponderosa pine------ Sugar pine----------	90 --- ---	8 --- ---	Douglas fir, ponderosa pine.
134F***:								
Norling--------	Severe	Moderate	Moderate	Moderate	Douglas fir--------- Incense cedar------- Pacific madrone-----	90 --- ---	8 --- ---	Douglas fir, ponderosa pine.
Acker----------	Severe	Moderate	Slight	Severe	Douglas fir--------- Incense cedar------- Pacific madrone-----	95 --- ---	9 --- ---	Douglas fir, ponderosa pine.
135E---------- Oatman	Moderate	Moderate	Slight	Moderate	White fir---------- Shasta red fir------ Western white pine--	75 60 ---	13 15 ---	Ponderosa pine, white fir, Shasta red fir, western white pine.
135G---------- Oatman	Severe	Moderate	Slight	Moderate	White fir---------- Shasta red fir------ Western white pine--	75 60 ---	13 15 ---	Ponderosa pine, white fir, Shasta red fir, western white pine.
136E---------- Oatman	Moderate	Severe	Slight	Moderate	White fir---------- Shasta red fir------ Western white pine--	75 55 ---	13 13 ---	Ponderosa pine, white fir, Shasta red fir, western white pine.
137C---------- Oatman	Moderate	Severe	Slight	Moderate	White fir---------- Western white pine-- Lodgepole pine------	70 --- ---	11 --- ---	Ponderosa pine, Shasta red fir, lodgepole pine.

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
138C***:								
Oatman	Moderate	Moderate	Slight	Moderate	White fir	75	13	Ponderosa pine, Shasta red fir, lodgepole pine.
					Shasta red fir	50	12	
					Western white pine	---	---	
Otwin	Moderate	Moderate	Moderate	Moderate	White fir	65	10	Lodgepole pine, Shasta red fir, ponderosa pine.
					Shasta red fir	40	9	
					Western white pine	---	---	
140G***:								
Pearsoll.								
Dubakella	Moderate	Severe	Moderate	Moderate	Ponderosa pine	60	3	Jeffrey pine, incense cedar.
					Jeffrey pine	---	---	
					Incense cedar	---	---	
					Douglas fir	60	4	
142C Pinehurst	Severe	Severe	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					White fir	75	13	
143E Pinehurst	Severe	Moderate	Slight	Moderate	Douglas fir	85	8	Douglas fir.
					White fir	75	13	
144E Pinehurst	Severe	Moderate	Slight	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					White fir	75	13	
145C***:								
Pinehurst	Moderate	Moderate	Slight	Moderate	Douglas fir	75	6	Ponderosa pine, Douglas fir.
					Ponderosa pine	95	7	
					White fir	60	9	
Greystoke	Slight	Moderate	Slight	Moderate	Douglas fir	65	5	Douglas fir, ponderosa pine.
					Ponderosa pine	90	6	
					White fir	---	---	
147C***, 148C***:								
Pokegema	Moderate	Moderate	Slight	Moderate	Ponderosa pine	105	8	Ponderosa pine, Douglas fir.
					White fir	---	---	
					Douglas fir	120	---	
					Sugar pine	---	---	
Woodcock	Moderate	Moderate	Slight	Moderate	Douglas fir	110	---	Douglas fir, ponderosa pine.
					White fir	---	---	
					Ponderosa pine	105	8	
149B, 149D Pollard	Moderate	Slight	Slight	Moderate	Douglas fir	95	9	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
153B***:								
Reinecke	Moderate	Moderate	Slight	Severe	Douglas fir	110	11	Ponderosa pine, Douglas fir.
					White fir	---	---	
					Western hemlock	---	---	
					Ponderosa pine	---	---	
					Sugar pine	---	---	
Coyata	Moderate	Moderate	Moderate	Moderate	Douglas fir	100	9	Douglas fir, ponderosa pine.
					Western hemlock	---	---	
					White fir	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
155E---------- Rogue	Moderate	Moderate	Moderate	Moderate	White fir----------	80	14	Douglas fir, white fir.
					Douglas fir---------	---	---	
155G---------- Rogue	Severe	Moderate	Moderate	Moderate	White fir----------	80	14	Douglas fir, white fir.
					Douglas fir---------	---	---	
156E---------- Rogue	Moderate	Severe	Moderate	Moderate	Douglas fir---------	70	6	Ponderosa pine, Douglas fir.
					Ponderosa pine------	---	---	
					White fir----------	70	11	
156G---------- Rogue	Severe	Severe	Moderate	Moderate	Douglas fir---------	70	6	Ponderosa pine, Douglas fir.
					Ponderosa pine------	---	---	
					White fir----------	70	11	
157B, 158B, 158D---------- Ruch	Moderate	Moderate	Slight	Moderate	Ponderosa pine------	115	9	Ponderosa pine, Douglas fir.
					Douglas fir---------	70	6	
					Incense cedar-------	---	---	
159C---------- Rustlerpeak	Moderate	Severe	Moderate	Moderate	White fir----------	75	13	Ponderosa pine, Douglas fir.
					Douglas fir---------	---	---	
					Incense cedar-------	---	---	
160E---------- Rustlerpeak	Moderate	Moderate	Moderate	Moderate	White fir----------	75	13	Ponderosa pine, Douglas fir.
					Douglas fir---------	---	---	
					Incense cedar-------	---	---	
160G---------- Rustlerpeak	Severe	Moderate	Moderate	Moderate	White fir----------	75	13	Ponderosa pine, Douglas fir.
					Douglas fir---------	---	---	
					Incense cedar-------	---	---	
161G***:								
Rustlerpeak----	Severe	Moderate	Moderate	Moderate	White fir----------	75	13	Ponderosa pine, Douglas fir.
					Douglas fir---------	---	---	
					Incense cedar-------	---	---	
Rock outcrop.								
164B, 164D------ Shefflein	Slight	Moderate	Slight	Moderate	Ponderosa pine------	115	9	Ponderosa pine, Douglas fir.
					Douglas fir---------	75	6	
					Pacific madrone-----	---	---	
					California black oak	---	---	
165E---------- Shefflein	Moderate	Moderate	Slight	Moderate	Douglas fir---------	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine------	115	9	
					Sugar pine----------	---	---	
					Pacific madrone-----	---	---	
166E---------- Shefflein	Moderate	Severe	Slight	Moderate	Ponderosa pine------	100	7	Ponderosa pine, Douglas fir.
					Douglas fir---------	70	6	
					Pacific madrone-----	---	---	
					California black oak	---	---	
168G---------- Siskiyou	Severe	Moderate	Moderate	Moderate	Douglas fir---------	85	8	Douglas fir, ponderosa pine.
					Sugar pine----------	---	---	
					Incense cedar-------	---	---	
169G---------- Siskiyou	Severe	Severe	Moderate	Moderate	Douglas fir---------	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine------	---	---	
					Sugar pine----------	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
171E***:								
Skookum.								
Bogus	Moderate	Moderate	Slight	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	90	6	
					Sugar pine	---	---	
172E***:								
Skookum.								
Bogus	Moderate	Moderate	Slight	Moderate	Douglas fir	65	5	Douglas fir, ponderosa pine.
					Ponderosa pine	85	5	
					Sugar pine	---	---	
175F Snowbrier	Severe	Moderate	Moderate	Moderate	Douglas fir	105	10	Douglas fir, ponderosa pine.
					White fir	---	---	
					Western hemlock	---	---	
176F Snowbrier	Severe	Severe	Moderate	Moderate	Douglas fir	95	9	Douglas fir, ponderosa pine.
					White fir	---	---	
					Western hemlock	---	---	
177C Snowlin	Moderate	Severe	Slight	Moderate	White fir	80	14	Ponderosa pine, Douglas fir.
					Douglas fir	---	---	
178E Snowlin	Severe	Moderate	Slight	Moderate	White fir	80	14	Ponderosa pine, Douglas fir.
					Douglas fir	---	---	
179F***:								
Speaker	Severe	Severe	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					Ponderosa pine	105	8	
					Sugar pine	---	---	
Josephine	Severe	Severe	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	115	9	
					Incense cedar	---	---	
180G Steinmetz	Severe	Moderate	Slight	Severe	Douglas fir	110	11	Douglas fir.
					White fir	---	---	
					Western hemlock	---	---	
181G Steinmetz	Severe	Severe	Slight	Moderate	Douglas fir	100	10	Douglas fir.
					White fir	---	---	
					Western hemlock	---	---	
182E Straight	Moderate	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					White fir	---	---	
					Western hemlock	---	---	
183E Straight	Moderate	Severe	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
184G***:								
Straight	Severe	Moderate	Moderate	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					White fir	---	---	
					Western hemlock	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
184G***:								
Shippa	Severe	Moderate	Severe	Moderate	Douglas fir	60	3	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
185G***:								
Straight	Severe	Severe	Moderate	Moderate	Douglas fir	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Sugar pine	---	---	
Shippa	Severe	Severe	Severe	Moderate	Douglas fir	60	3	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
					Incense cedar	---	---	
					Pacific madrone	---	---	
					California black oak	---	---	
188E Tallowbox	Moderate	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Pacific madrone	---	---	
					Sugar pine	---	---	
188G Tallowbox	Severe	Moderate	Moderate	Moderate	Douglas fir	70	6	Douglas fir, ponderosa pine.
					Ponderosa pine	100	7	
					Pacific madrone	---	---	
					Sugar pine	---	---	
189E Tallowbox	Moderate	Severe	Moderate	Moderate	Ponderosa pine	90	6	Ponderosa pine, Douglas fir.
					Douglas fir	60	3	
					Pacific madrone	---	---	
					California black oak	---	---	
189G Tallowbox	Severe	Severe	Moderate	Moderate	Ponderosa pine	90	6	Ponderosa pine, Douglas fir.
					Douglas fir	60	3	
					Pacific madrone	---	---	
					California black oak	---	---	
190E Tatouche	Moderate	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, white fir.
					White fir	---	---	
190G Tatouche	Severe	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, white fir.
					White fir	---	---	
191E Tatouche	Moderate	Moderate	Slight	Moderate	Douglas fir	85	8	Douglas fir, white fir.
					White fir	---	---	
191G Tatouche	Severe	Severe	Slight	Moderate	Douglas fir	80	7	Douglas fir, white fir.
					White fir	---	---	
193G Tethrick	Severe	Moderate	Slight	Moderate	Douglas fir	90	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
194G Tethrick	Severe	Severe	Slight	Moderate	Douglas fir	85	8	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
195E Vannoy	Moderate	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	
195F Vannoy	Severe	Moderate	Moderate	Moderate	Douglas fir	80	7	Douglas fir, ponderosa pine.
					Ponderosa pine	---	---	

See footnotes at end of table.

TABLE 7.--WOODLAND MANAGEMENT AND PRODUCTIVITY--Continued

Soil name and map symbol	Management concerns: Equipment limitation	Seedling mortality	Windthrow hazard	Plant competition	Potential productivity: Common trees	Site index*	Productivity class**	Trees to plant
196E---------- Vannoy	Moderate	Moderate	Moderate	Moderate	Douglas fir---------	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine------	90	6	
197F***:								
Vannoy---------	Severe	Severe	Moderate	Moderate	Douglas fir---------	75	6	Douglas fir, ponderosa pine.
					Ponderosa pine------	90	6	
Voorhies-------	Severe	Severe	Moderate	Moderate	Douglas fir---------	65	5	Douglas fir, ponderosa pine.
					Ponderosa pine------	75	4	
199C---------- Wolfpeak	Slight	Moderate	Slight	Severe	Douglas fir---------	95	9	Douglas fir.
					Sugar pine----------	---	---	
					Incense cedar-------	---	---	
200E---------- Wolfpeak	Moderate	Moderate	Slight	Severe	Douglas fir---------	95	9	Douglas fir.
					Sugar pine----------	---	---	
					Incense cedar-------	---	---	
201E---------- Wolfpeak	Moderate	Severe	Slight	Moderate	Douglas fir---------	85	8	Douglas fir, ponderosa pine.
					Sugar pine----------	---	---	
					Incense cedar-------	---	---	
					Ponderosa pine------	---	---	
202F---------- Woodcock	Severe	Slight	Slight	Moderate	Douglas fir---------	110	---	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Ponderosa pine------	105	8	
203F---------- Woodcock	Severe	Severe	Slight	Moderate	Douglas fir---------	105	---	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Ponderosa pine------	95	7	
204E***:								
Woodcock-------	Severe	Slight	Slight	Moderate	Douglas fir---------	110	---	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Ponderosa pine------	105	8	
Pokegema-------	Moderate	Slight	Slight	Moderate	Ponderosa pine------	105	8	Ponderosa pine, Douglas fir.
					White fir----------	---	---	
					Douglas fir---------	120	---	
					Sugar pine----------	---	---	
205E***, 206E***:								
Woodcock------	Moderate	Moderate	Slight	Moderate	Douglas fir---------	105	---	Douglas fir, ponderosa pine.
					White fir----------	---	---	
					Ponderosa pine------	95	7	
Pokegema------	Moderate	Moderate	Slight	Moderate	Ponderosa pine------	105	8	Ponderosa pine, Douglas fir.
					White fir----------	---	---	
					Douglas fir---------	120	---	
					Sugar pine----------	---	---	

* Site index for Douglas fir on Pokegema and Woodcock soils is based on a 100-year base age. Site index for Douglas fir on all other soils is based on a 50-year base age. Site index for Shasta red fir and white fir is based on a 50-year base age. Site index for ponderosa pine is based on a 100-year base age.

** Productivity class is the yield in cubic meters per hectare per year calculated at the age of culmination of mean annual increment for fully stocked natural stands.

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

TABLE 8.--RECREATIONAL 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)

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
1B Abegg	Moderate: small stones.	Moderate: small stones.	Severe: small stones.	Moderate: dusty.	Moderate: small stones, large stones.
1C Abegg	Moderate: slope, small stones.	Moderate: slope, small stones.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones.
2A Abin	Severe: flooding.	Moderate: percs slowly.	Moderate: small stones, flooding.	Slight	Moderate: flooding.
3E*, 4E*:					
Acker	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Dumont	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
5F*:					
Acker	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Norling	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope.	Severe: small stones, slope.
6B*:					
Agate	Moderate: percs slowly.	Moderate: percs slowly.	Moderate: slope, small stones, cemented pan.	Slight	Moderate: cemented pan.
Winlo	Severe: small stones, ponding, cemented pan.	Severe: ponding, small stones, cemented pan.	Severe: small stones, ponding, cemented pan.	Severe: ponding.	Severe: small stones, ponding, cemented pan.
7C*:					
Aspenlake	Moderate: small stones.	Moderate: small stones.	Severe: slope, small stones.	Moderate: large stones.	Moderate: small stones, large stones.
Whiteface	Severe: cemented pan.	Severe: cemented pan.	Severe: large stones, slope, small stones.	Moderate: large stones.	Severe: cemented pan.
8A Barhiskey	Moderate: small stones, too sandy.	Moderate: too sandy, small stones.	Severe: small stones.	Moderate: too sandy.	Severe: droughty.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
9A Barhiskey Variant	Severe: wetness.	Moderate: wetness, too sandy, small stones.	Severe: small stones, wetness.	Moderate: wetness, too sandy.	Severe: droughty.
10B Barron	Slight	Slight	Moderate: slope, small stones.	Slight	Moderate: droughty.
10C Barron	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight	Moderate: droughty, slope.
11G*, 12G*:					
Beekman	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: droughty, slope.
Colestine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
13C*:					
Bly	Moderate: dusty.	Moderate: dusty.	Severe: slope.	Moderate: dusty.	Slight.
Royst	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones.
13E*:					
Bly	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
Royst	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
14G Bogus	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope.	Severe: small stones, slope.
15C*:					
Bogus	Severe: small stones.	Severe: small stones.	Severe: slope, small stones.	Moderate: dusty.	Severe: small stones.
Skookum	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, dusty.	Severe: large stones, droughty.
16A*:					
Booth	Moderate: dusty.	Moderate: dusty.	Moderate: dusty.	Moderate: dusty.	Moderate: large stones, depth to rock.
Kanutchan Variant	Severe: ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding, too clayey.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
17C*:					
Brader	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Moderate: dusty.	Severe: depth to rock.
Debenger	Moderate: slope, dusty.	Moderate: slope, dusty.	Severe: slope.	Moderate: dusty.	Moderate: slope, depth to rock.
17E*:					
Brader	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
Debenger	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
18C Bybee	Severe: wetness.	Moderate: wetness, percs slowly.	Severe: slope, wetness.	Moderate: wetness, dusty.	Moderate: large stones, wetness.
19E*, 20E*:					
Bybee	Severe: slope, wetness.	Severe: slope.	Severe: slope, wetness.	Moderate: wetness, slope, dusty.	Severe: slope.
Tatouche	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
21A Camas	Severe: flooding.	Moderate: flooding.	Severe: flooding.	Moderate: flooding.	Severe: flooding.
22A Camas	Severe: flooding.	Moderate: flooding, small stones.	Severe: small stones, flooding.	Moderate: flooding.	Severe: droughty, flooding.
23A*:					
Camas	Severe: flooding.	Moderate: flooding, small stones.	Severe: small stones, flooding.	Moderate: flooding.	Severe: droughty, flooding.
Newberg	Severe: flooding.	Moderate: flooding.	Severe: flooding.	Moderate: flooding.	Severe: flooding.
Evans	Severe: flooding.	Moderate: dusty.	Moderate: flooding, dusty.	Moderate: dusty.	Moderate: flooding.
24C*:					
Campfour	Moderate: percs slowly.	Moderate: percs slowly.	Severe: slope.	Slight	Moderate: large stones.
Paragon	Moderate: large stones, small stones.	Moderate: large stones, small stones.	Severe: large stones, slope, small stones.	Moderate: large stones.	Moderate: small stones, large stones.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
24E*:					
Campfour	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
Paragon	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: large stones, slope.	Severe: slope.
25G*, 26G*:					
Caris	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: droughty, slope.
Offenbacher	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
27B Carney	Moderate: percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.	Severe: too clayey.
27D Carney	Moderate: slope, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.	Severe: too clayey.
28D Carney	Moderate: slope, large stones.	Moderate: slope, large stones.	Severe: large stones, slope.	Moderate: large stones, too clayey.	Severe: too clayey.
28E Carney	Severe: slope.	Severe: slope.	Severe: large stones, slope.	Severe: slope.	Severe: slope, too clayey.
29D Carney	Moderate: slope, large stones, small stones.	Moderate: slope, large stones, too clayey.	Severe: large stones, slope, small stones.	Moderate: large stones, too clayey.	Severe: too clayey.
29E Carney	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: slope, too clayey.
30E*:					
Carney	Severe: slope.	Severe: slope.	Severe: large stones, slope.	Severe: slope.	Severe: slope, too clayey.
Tablerock	Severe: slope, percs slowly.	Severe: slope, percs slowly.	Severe: slope, small stones, percs slowly.	Severe: slope.	Severe: slope.
31A Central Point	Slight	Slight	Moderate: small stones.	Slight	Moderate: droughty.
32B Clawson	Severe: wetness.	Moderate: wetness.	Severe: wetness.	Moderate: wetness.	Moderate: wetness.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
33A Coker	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness, too clayey.
33C Coker	Severe: wetness.	Severe: wetness.	Severe: slope, wetness.	Severe: wetness.	Severe: wetness, too clayey.
34B Coleman	Moderate: wetness, dusty.	Moderate: wetness, dusty.	Moderate: slope, small stones, wetness.	Moderate: wetness, dusty.	Moderate: wetness.
35A Cove	Severe: flooding, wetness, percs slowly.	Severe: wetness, too clayey, percs slowly.	Severe: too clayey, wetness, flooding.	Severe: wetness, too clayey.	Severe: wetness, flooding, too clayey.
36G*, 37G*:					
Coyata	Severe: slope, small stones.	Severe: slope, small stones.	Severe: large stones, slope, small stones.	Severe: large stones, slope.	Severe: small stones, large stones.
Rock outcrop.					
38C*:					
Crater Lake	Slight	Slight	Severe: slope.	Slight	Slight.
Alcot	Moderate: small stones.	Moderate: small stones.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
39E*, 40E*:					
Crater Lake	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
Alcot	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
41G*, 42G*:					
Crater Lake	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop.					
43B Darow	Slight	Slight	Moderate: slope, depth to rock.	Slight	Moderate: depth to rock.
43D Darow	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight	Moderate: slope, depth to rock.
43E Darow	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
44C*:					
Debenger	Moderate: slope, dusty.	Moderate: slope, dusty.	Severe: slope.	Moderate: dusty.	Moderate: slope, depth to rock.
Brader	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Moderate: dusty.	Severe: depth to rock.
44E*:					
Debenger	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Brader	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
45G, 46G Donegan	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
47C*:					
Donegan	Moderate: small stones, percs slowly.	Moderate: small stones, percs slowly.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
Killet	Moderate: small stones, percs slowly.	Moderate: small stones, percs slowly.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
48E*, 49E*:					
Donegan	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
Killet	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
50E Dubakella	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: large stones, slope.	Severe: large stones, slope.
50G Dubakella	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
51C Dumont	Moderate: small stones.	Moderate: small stones.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
52C*:					
Dumont	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
52C*:					
Coyata	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones, droughty.
53E*:					
Dumont	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Coyata	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Moderate: small stones, large stones, droughty.
53G*:					
Dumont	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Coyata	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Moderate: small stones, large stones, droughty.
54E*:					
Dumont	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Coyata	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Moderate: small stones, large stones, droughty.
54G*:					
Dumont	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Coyata	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Moderate: small stones, large stones, droughty.
55A Evans	Severe: flooding.	Moderate: dusty.	Moderate: flooding, dusty.	Moderate: dusty.	Moderate: flooding.
56C Farva	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Severe: large stones.	Severe: large stones.
57E Farva	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: large stones.	Severe: large stones, slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
57G Farva	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: large stones, slope.	Severe: large stones, slope.
58E Farva	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: large stones.	Severe: large stones, slope.
58G Farva	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: large stones, slope.	Severe: large stones, slope.
59G*, 60G*:					
Farva	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: large stones, slope.	Severe: large stones, slope.
Rock outcrop.					
61A Foehlin	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: small stones.	Moderate: dusty.	Moderate: small stones.
62C Freezener	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones.
63E, 64E Freezener	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
65C*:					
Freezener	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, large stones.
Geppert	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, dusty.	Severe: large stones.
66E*:					
Freezener	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, slope.
66G*:					
Freezener	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
66G*:					
Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
67E*:					
Freezener	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, slope.
67G*:					
Freezener	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
68C Geppert	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, dusty.	Severe: large stones.
69E Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, slope.
69G Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
70E Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, slope.
70G Geppert	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
71E, 71F, 72E, 72F Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
73E*:					
Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: erodes easily.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
73E*:					
Pollard	Moderate: slope, dusty.	Moderate: slope, dusty.	Severe: slope.	Moderate: dusty.	Moderate: large stones, slope.
74F, 74G Gravecreek	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
75E Gravecreek	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: slope.	Severe: slope.
75F, 75G Gravecreek	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: slope.
76A Gregory	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
77F, 77G, 78F Greystoke	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: large stones, slope.
79E*, 80E*:					
Greystoke	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: large stones, slope.	Severe: large stones, slope.
Pinehurst	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
81G Heppsie	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, too clayey.
82G*:					
Heppsie	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, too clayey.
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
83E Hobit	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
83G Hobit	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
84E Hobit	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
84G Hobit	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
85A Hoxie	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
86C Hukill	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones.
87F, 87G, 88F Jayar	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones, slope.
89E Jayar Variant	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones.	Severe: small stones, slope.
90E*, 91E*:					
Josephine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Pollard	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
92E*:					
Josephine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Speaker	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
92F*:					
Josephine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Speaker	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
93E*:					
Josephine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Speaker	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
94G*, 95G*:					
Kanid	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones, slope.
Atring	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones, slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
96B Kanutchan	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness, too clayey.
97A Kerby	Moderate: dusty.	Moderate: dusty.	Moderate: small stones, dusty.	Moderate: dusty.	Slight.
98A Kerby	Moderate: wetness, dusty.	Moderate: wetness, dusty.	Moderate: small stones, wetness.	Moderate: wetness, dusty.	Moderate: wetness.
99A Klamath	Severe: flooding, wetness.	Severe: wetness.	Severe: wetness, flooding.	Severe: wetness.	Severe: wetness, flooding.
100A, 100B Kubli	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
101E Langellain	Severe: slope, wetness, percs slowly.	Severe: slope, wetness, percs slowly.	Severe: slope, wetness, percs slowly.	Severe: wetness, slope.	Severe: wetness, slope.
102B*:					
Langellain	Severe: wetness, percs slowly.	Severe: wetness, percs slowly.	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness.
Brader	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Moderate: dusty.	Severe: depth to rock.
102D*:					
Langellain	Severe: wetness, percs slowly.	Severe: wetness, percs slowly.	Severe: slope, wetness, percs slowly.	Severe: wetness.	Severe: wetness.
Brader	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Moderate: dusty.	Severe: depth to rock.
103E*:					
Langellain	Severe: slope, wetness, percs slowly.	Severe: slope, wetness, percs slowly.	Severe: slope, wetness, percs slowly.	Severe: wetness, slope.	Severe: wetness, slope.
Brader	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
104E, 105E Lettia	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
106C Lobert	Slight	Slight	Severe: slope.	Slight	Slight.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
107E*:					
Lorella	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: large stones, slope.	Severe: large stones, slope.	Severe: large stones, slope.
Skookum	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, droughty, slope.
108B Manita	Moderate: dusty.	Moderate: dusty.	Moderate: slope, small stones, dusty.	Moderate: dusty.	Slight.
108D Manita	Moderate: slope, dusty.	Moderate: slope, dusty.	Severe: slope.	Moderate: dusty.	Moderate: slope.
108E, 108F Manita	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
109E*:					
Manita	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
110E McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Moderate: slope, dusty.	Severe: slope, depth to rock.
111G*:					
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
112F*:					
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
113E*:					
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Moderate: slope, dusty.	Severe: slope, depth to rock.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
113E*:					
Rock outcrop.					
113G*:					
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
Rock outcrop.					
114E McNull	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
114G McNull	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
115E McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
115G McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
116E*:					
McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Moderate: slope, dusty.	Severe: slope, depth to rock.
116G*:					
McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
117G*:					
McNull	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
118E*:					
McNull	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
118E*:					
Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
119F*:					
McNull	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
120B Medco	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
120C Medco	Severe: wetness.	Severe: wetness.	Severe: slope, wetness.	Severe: wetness.	Severe: wetness.
121E, 122E Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
123F Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
124F Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: slope, wetness.	Severe: wetness.	Severe: wetness, slope.
125C*:					
Medco	Severe: wetness.	Severe: wetness.	Severe: large stones, slope, wetness.	Severe: wetness.	Severe: wetness.
McMullin	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, small stones, depth to rock.	Moderate: dusty.	Severe: depth to rock.
125F*:					
Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
126F*:					
Medco	Severe: slope, wetness.	Severe: slope, wetness.	Severe: large stones, slope, wetness.	Severe: wetness, slope.	Severe: wetness, slope.
McNull	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
127A Medford	Slight	Slight	Moderate: small stones.	Slight	Moderate: large stones.
128B Medford	Slight	Slight	Moderate: slope, small stones.	Slight	Moderate: large stones.
129B Merlin	Severe: large stones, small stones, depth to rock.	Severe: large stones, small stones, depth to rock.	Severe: large stones, small stones.	Severe: small stones.	Severe: small stones, large stones, depth to rock.
130E*:					
Musty	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: erodes easily.	Severe: slope.
131F*, 132F*:					
Musty	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
133A Newberg	Severe: flooding.	Moderate: flooding.	Severe: flooding.	Moderate: flooding.	Severe: flooding.
134F*:					
Norling	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope.	Severe: small stones, slope.
Acker	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
135E Oatman	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: slope.	Severe: slope.
135G Oatman	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
136E Oatman	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: slope.	Severe: slope.
137C Oatman	Moderate: small stones.	Moderate: small stones.	Severe: large stones, slope, small stones.	Slight	Moderate: small stones, large stones.
138C*:					
Oatman	Moderate: small stones.	Moderate: small stones.	Severe: large stones, slope, small stones.	Slight	Moderate: small stones, large stones.
Otwin	Moderate: small stones.	Moderate: small stones.	Severe: slope, small stones.	Moderate: large stones.	Moderate: small stones, large stones.
139A Padigan	Severe: ponding, percs slowly, too clayey.	Severe: ponding, too clayey, percs slowly.	Severe: too clayey, ponding, percs slowly.	Severe: ponding, too clayey.	Severe: ponding, too clayey.
140G*:					
Pearsoll	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: large stones, slope, small stones.	Severe: large stones, slope.	Severe: small stones, large stones, slope.
Dubakella	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope.
141A Phoenix	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness, too clayey.
142C Pinehurst	Moderate: dusty.	Moderate: dusty.	Severe: slope.	Moderate: dusty.	Slight.
143E, 144E Pinehurst	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, dusty.	Severe: slope.
145C*:					
Pinehurst	Moderate: dusty.	Moderate: dusty.	Severe: slope.	Moderate: dusty.	Moderate: large stones.
Greystoke	Moderate: small stones, percs slowly.	Moderate: small stones, percs slowly.	Severe: slope, small stones.	Moderate: large stones.	Severe: large stones.
146*. Pits					
147C*, 148C*:					
Pokegema	Slight	Slight	Severe: slope.	Slight	Moderate: large stones.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
147C*, 148C*:					
Woodcock	Moderate: small stones.	Moderate: small stones.	Severe: slope, small stones.	Slight	Severe: droughty.
149B Pollard	Moderate: dusty.	Moderate: dusty.	Moderate: slope, small stones, dusty.	Moderate: dusty.	Moderate: large stones.
149D Pollard	Moderate: slope, dusty.	Moderate: slope, dusty.	Severe: slope.	Moderate: dusty.	Moderate: large stones, slope.
150E Provig	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope.	Severe: small stones, droughty, slope.
151C*:					
Provig	Severe: small stones.	Severe: small stones.	Severe: slope, small stones.	Moderate: dusty.	Severe: small stones, droughty.
Agate	Moderate: slope, percs slowly.	Moderate: slope, percs slowly.	Severe: slope.	Slight	Moderate: slope, cemented pan.
152B*:					
Randcore	Severe: large stones, ponding, depth to rock.	Severe: ponding, large stones, depth to rock.	Severe: large stones, ponding, depth to rock.	Severe: large stones, ponding.	Severe: large stones, ponding, depth to rock.
Shoat	Moderate: dusty.	Moderate: dusty.	Moderate: slope, small stones, depth to rock.	Moderate: dusty.	Moderate: depth to rock.
153B*:					
Reinecke	Slight	Slight	Moderate: slope, small stones.	Slight	Moderate: large stones.
Coyata	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: small stones.	Moderate: dusty.	Moderate: small stones, large stones, droughty.
154*. Riverwash					
155E Rogue	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: large stones, slope.	Severe: slope.
155G Rogue	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
156E Rogue	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Moderate: large stones, slope.	Severe: slope.
156G Rogue	Severe: slope.	Severe: slope.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: slope.
157B Ruch	Moderate: dusty.	Moderate: dusty.	Moderate: slope, small stones, dusty.	Moderate: dusty.	Slight.
158B Ruch	Moderate: small stones, dusty.	Moderate: small stones, dusty.	Severe: small stones.	Moderate: dusty.	Moderate: small stones.
158D Ruch	Moderate: slope, small stones, dusty.	Moderate: slope, small stones, dusty.	Severe: slope, small stones.	Moderate: dusty.	Moderate: small stones, slope.
159C Rustlerpeak	Moderate: small stones, percs slowly.	Moderate: small stones, percs slowly.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
160E Rustlerpeak	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
160G Rustlerpeak	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
161G*:					
Rustlerpeak	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
Rock outcrop.					
162B Selmac	Moderate: wetness, percs slowly.	Moderate: wetness, percs slowly.	Moderate: slope, small stones, wetness.	Moderate: wetness, dusty.	Moderate: wetness, droughty.
162D Selmac	Moderate: slope, wetness, percs slowly.	Moderate: slope, wetness, percs slowly.	Severe: slope.	Moderate: wetness, dusty.	Moderate: wetness, droughty, slope.
163A Sevenoaks	Slight	Slight	Moderate: small stones.	Slight	Severe: droughty.
164B Shefflein	Moderate: percs slowly.	Moderate: percs slowly.	Moderate: slope, small stones, percs slowly.	Slight	Slight.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
164D Shefflein	Moderate: slope, percs slowly.	Moderate: slope, percs slowly.	Severe: slope.	Slight	Moderate: slope.
165E, 166E Shefflein	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
167B Sibannac	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
168G, 169G Siskiyou	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
170C Skookum	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, dusty.	Severe: large stones, droughty.
171E*, 172E*:					
Skookum	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, droughty, slope.
Bogus	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: small stones, slope.
173D*:					
Skookum	Severe: large stones.	Severe: large stones.	Severe: large stones, slope, small stones.	Moderate: large stones, dusty.	Severe: large stones, droughty.
Rock outcrop.					
McMullin	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, small stones, depth to rock.	Moderate: dusty.	Severe: depth to rock.
173F*:					
Skookum	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, droughty, slope.
Rock outcrop.					
McMullin	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope.	Severe: slope, depth to rock.
174G*:					
Skookum	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, droughty, slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
174G*:					
Rock outcrop.					
Rubble land.					
175F, 176F Snowbrier	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
177C Snowlin	Moderate: small stones, percs slowly.	Moderate: small stones, percs slowly.	Severe: slope, small stones.	Slight	Moderate: small stones, large stones.
178E Snowlin	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: slope.
179F*:					
Speaker	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Josephine	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
180G, 181G Steinmetz	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
182E, 183E Straight	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones.	Severe: small stones, large stones, slope.
184G*, 185G*:					
Straight	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones, large stones, slope.
Shippa	Severe: slope, small stones, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope, small stones, depth to rock.	Severe: slope, small stones.	Severe: small stones, slope, depth to rock.
186H*:					
Tablerock	Severe: slope, percs slowly.	Severe: slope, percs slowly.	Severe: slope, small stones, percs slowly.	Severe: slope.	Severe: slope.
Rock outcrop.					
187A Takilma	Moderate: large stones, dusty.	Moderate: large stones, dusty.	Severe: large stones.	Moderate: large stones, dusty.	Severe: large stones, droughty.
188E, 188G, 189E, 189G Tallowbox	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
190E Tatouche	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
190G Tatouche	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
191E Tatouche	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope, dusty.	Severe: slope.
191G Tatouche	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.
192A Terrabella	Severe: flooding, ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding.	Severe: ponding.
193G, 194G Tethrick	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
195E Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: erodes easily.	Severe: slope.
195F Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
196E Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: erodes easily.	Severe: slope.
197F*:					
Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, erodes easily.	Severe: slope.
Voorhies	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: slope, small stones.	Severe: small stones, slope.
198A Winlo	Severe: small stones, ponding, cemented pan.	Severe: ponding, small stones, cemented pan.	Severe: small stones, ponding, cemented pan.	Severe: ponding.	Severe: small stones, ponding, cemented pan.
199C Wolfpeak	Moderate: percs slowly.	Moderate: percs slowly.	Severe: slope.	Slight	Slight.
200E, 201E Wolfpeak	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
202F, 203F Woodcock	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: droughty, slope.

See footnote at end of table.

TABLE 8.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails	Golf fairways
204E*, 205E*:					
Woodcock	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: droughty, slope.
Pokegema	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
206E*:					
Woodcock	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Moderate: slope.	Severe: droughty, slope.
Pokegema	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.
207E*:					
Woodseye	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: large stones, slope, small stones.	Moderate: large stones, slope, dusty.	Severe: large stones, slope, depth to rock.
Rock outcrop.					
207G*:					
Woodseye	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: large stones, slope, small stones.	Severe: slope.	Severe: large stones, slope, depth to rock.
Rock outcrop.					
208C*:					
Xerorthents	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: large stones, slope, small stones.	Severe: large stones.	Severe: small stones, large stones.
Dumps.					

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

TABLE 9.--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	Lawns and landscaping
1B---------- Abegg	Severe: cutbanks cave.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: large stones.	Moderate: small stones, large stones.
1C---------- Abegg	Severe: cutbanks cave.	Moderate: slope, large stones.	Moderate: slope, large stones.	Severe: slope.	Moderate: slope, large stones.	Moderate: small stones, large stones.
2A---------- Abin	Moderate: too clayey, wetness, flooding.	Severe: flooding, shrink-swell.	Severe: flooding, shrink-swell.	Severe: flooding, shrink-swell.	Severe: shrink-swell, low strength, flooding.	Moderate: flooding.
3E*, 4E*:						
Acker----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Dumont----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
5F*:						
Acker----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Norling----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
6B*:						
Agate----------	Severe: cutbanks cave.	Moderate: shrink-swell.	Moderate: cemented pan.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: cemented pan.
Winlo----------	Severe: cemented pan, cutbanks cave, ponding.	Severe: ponding, cemented pan.	Severe: ponding, cemented pan.	Severe: ponding, cemented pan.	Severe: cemented pan, ponding.	Severe: small stones, ponding, cemented pan.
7C*:						
Aspenlake--------	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan, frost action.	Moderate: small stones, large stones.
Whiteface--------	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.
8A---------- Barhiskey	Severe: cutbanks cave.	Slight---------	Slight---------	Slight---------	Slight---------	Severe: droughty.
9A---------- Barhiskey Variant	Severe: cutbanks cave, wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Moderate: wetness, frost action.	Severe: droughty.
10B---------- Barron	Slight---------	Slight---------	Slight---------	Slight---------	Slight---------	Moderate: droughty.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
10C---------- Barron	Moderate: slope.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.	Moderate: droughty, slope.
11G*, 12G*:						
Beekman----------	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: droughty, slope.
Colestine--------	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope.
13C*:						
Bly----------	Slight---------	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Slight.
Royst----------	Moderate: depth to roc+, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Moderate: small stones, large stones.
13E*:						
Bly----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
Royst----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: slope.
14G---------- Bogus	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.	Severe: small stones, slope.
15C*:						
Bogus----------	Moderate: too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.	Severe: small stones.
Skookum----------	Severe: depth to rock, large stones.	Severe: shrink-swell, large stones.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, large stones.	Severe: low strength, shrink-swell.	Severe: large stones, droughty.
16A*:						
Booth----------	Moderate: depth to rock, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.	Moderate: large stones, depth to rock.
Kanutchan Variant	Severe: depth to rock, cutbanks cave, ponding.	Severe: ponding, shrink-swell.	Severe: ponding, depth to rock, shrink-swell.	Severe: ponding, shrink-swell.	Severe: shrink-swell, low strength, ponding.	Severe: ponding, too clayey.
17C*:						
Brader----------	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, shrink-swell.	Severe: depth to rock.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
17C*:						
Debenger	Moderate: depth to rock, slope.	Moderate: slope.	Moderate: depth to rock, slope.	Severe: slope.	Moderate: slope.	Moderate: slope, depth to rock.
17E*:						
Brader	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.
Debenger	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
18C Bybee	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: low strength, shrink-swell.	Moderate: large stones, wetness.
19E*, 20E*:						
Bybee	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
Tatouche	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
21A Camas	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.
22A Camas	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: droughty, flooding.
23A*:						
Camas	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: droughty, flooding.
Newberg	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.
Evans	Moderate: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Moderate: flooding.
24C*:						
Campfour	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Moderate: large stones.
Paragon	Moderate: depth to rock, large stones.	Moderate: shrink-swell, large stones.	Moderate: depth to rock, shrink-swell.	Moderate: shrink-swell, slope, large stones.	Moderate: shrink-swell, low strength.	Moderate: small stones, large stones.
24E*:						
Campfour	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
24E*:						
Paragon	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
25G*, 26G*:						
Caris	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: droughty, slope.
Offenbacher	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope.
27B Carney	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: low strength, shrink-swell.	Severe: too clayey.
27D, 28D Carney	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, shrink-swell.	Severe: too clayey.
28E Carney	Severe: cutbanks cave, slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope, too clayey.
29D Carney	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, shrink-swell.	Severe: too clayey.
29E Carney	Severe: cutbanks cave, slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope, too clayey.
30E*:						
Carney	Severe: cutbanks cave, slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope, too clayey.
Tablerock	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.	Severe: slope.
31A Central Point	Severe: cutbanks cave.	Slight	Moderate: wetness.	Slight	Slight	Moderate: droughty.
32B Clawson	Severe: cutbanks cave, wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Moderate: wetness.	Moderate: wetness.
33A, 33C Coker	Severe: cutbanks cave, wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: low strength, wetness, shrink-swell.	Severe: wetness, too clayey.
34B Coleman	Severe: wetness.	Severe: shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.	Moderate: wetness.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
35A---------- Cove	Severe: wetness.	Severe: flooding, wetness, shrink-swell.	Severe: flooding, wetness, shrink-swell.	Severe: flooding, wetness, shrink-swell.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, flooding, too clayey.
36G*, 37G*:						
Coyata----------	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: small stones, large stones.
Rock outcrop.						
38C*:						
Crater Lake------	Slight---------	Slight---------	Slight---------	Moderate: slope.	Moderate: frost action.	Slight.
Alcot----------	Severe: cutbanks cave.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: frost action, large stones.	Moderate: small stones, large stones.
39E*, 40E*:						
Crater Lake------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Alcot----------	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
41G*, 42G*:						
Crater Lake------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop.						
43B---------- Darow	Moderate: depth to rock, too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.	Moderate: depth to rock.
43D---------- Darow	Moderate: depth to rock, too clayey, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength.	Moderate: slope, depth to rock.
43E---------- Darow	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.	Severe: slope.
44C*:						
Debenger---------	Moderate: depth to rock, slope.	Moderate: slope.	Moderate: depth to rock, slope.	Severe: slope.	Moderate: slope.	Moderate: slope, depth to rock.
Brader----------	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, shrink-swell.	Severe: depth to rock.
44E*:						
Debenger---------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
44E*:						
Brader	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.
45G, 46G Donegan	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
47C*:						
Donegan	Moderate: depth to rock, large stones.	Moderate: large stones.	Moderate: depth to rock, large stones.	Moderate: slope, large stones.	Moderate: frost action, large stones.	Moderate: small stones, large stones.
Killet	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, frost action.	Moderate: small stones, large stones.
48E*, 49E*:						
Donegan	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Killet	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
50E, 50G Dubakella	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: large stones, slope.
51C Dumont	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Moderate: small stones, large stones.
52C*:						
Dumont	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: small stones, large stones.
Coyata	Severe: depth to rock.	Moderate: depth to rock, large stones.	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Moderate: depth to rock, large stones.	Moderate: small stones, large stones, droughty.
53E*, 53G*, 54E*, 54G*:						
Dumont	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
Coyata	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Moderate: small stones, large stones, droughty.
55A Evans	Moderate: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Moderate: flooding.
56C Farva	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
57E, 57G, 58E, 58G: Farva	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope.
59G*, 60G*:						
Farva	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope.
Rock outcrop.						
61A: Foehlin	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: low strength, shrink-swell.	Moderate: small stones.
62C: Freezener	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: small stones, large stones.
63E, 64E: Freezener	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
65C*:						
Freezener	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: small stones, large stones.
Geppert	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.
66E*, 66G*, 67E*, 67G*:						
Freezener	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
Geppert	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope.
68C: Geppert	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.
69E, 69G, 70E, 70G: Geppert	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: large stones, slope.
71E, 71F, 72E, 72F: Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
73E*:						
Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Pollard	Moderate: too clayey, slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Severe: low strength.	Moderate: large stones, slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
74F, 74G, 75E, 75F, 75G---------Gravecreek	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope.
76A----------Gregory	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
77F, 77G, 78F-----Greystoke	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: large stones, slope.
79E*, 80E*:						
Greystoke---------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: large stones, slope.
Pinehurst---------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
81G----------Heppsie	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope, too clayey.
82G*:						
Heppsie----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope, too clayey.
McMullin---------	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.	Severe: slope, depth to rock.
83E, 83G, 84E, 84G----------Hobit	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, frost action.	Severe: slope.
85A----------Hoxie	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness, frost action.	Severe: wetness.
86C----------Hukill	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: small stones.
87F, 87G, 88F-----Jayar	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
89E----------Jayar Variant	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
90E*, 91E*:						
Josephine---------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
90E*, 91E*:						
Pollard	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
92E*, 92F*, 93E*:						
Josephine	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Speaker	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
94G*, 95G*:						
Kanid	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
Atring	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
96B Kanutchan	Severe: cutbanks cave, wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: low strength, wetness, shrink-swell.	Severe: wetness, too clayey.
97A Kerby	Severe: cutbanks cave.	Slight	Slight	Slight	Slight	Slight.
98A Kerby	Severe: wetness.	Moderate: wetness.	Severe: wetness.	Moderate: wetness.	Moderate: wetness.	Moderate: wetness.
99A Klamath	Severe: wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: flooding, wetness.	Severe: low strength, wetness, flooding.	Severe: wetness, flooding.
100A, 100B Kubli	Severe: wetness.	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness.	Severe: wetness.	Severe: wetness.
101E Langellain	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
102B*:						
Langellain	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
Brader	Severe: depth to rock.	Moderate: shrink-swell, depth to rock.	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Moderate: depth to rock, shrink-swell.	Severe: depth to rock.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
102D*:						
Langellain	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
Brader	Severe: depth to rock.	Moderate: shrink-swell, slope, depth to rock.	Severe: depth to rock.	Severe: slope.	Moderate: depth to rock, slope, shrink-swell.	Severe: depth to rock.
103E*:						
Langellain	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
Brader	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.
104E, 105E Lettia	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
106C Lobert	Severe: cutbanks cave.	Slight	Slight	Moderate: slope.	Moderate: frost action.	Slight.
107E*:						
Lorella	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, slope.	Severe: large stones, slope.
Skookum	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: low strength, slope, shrink-swell.	Severe: large stones, droughty, slope.
108B Manita	Moderate: too clayey.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: low strength, shrink-swell.	Slight.
108D Manita	Moderate: too clayey, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, shrink-swell.	Moderate: slope.
108E, 108F Manita	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
109E*:						
Manita	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
110E---------- McMullin	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.	Severe: slope, depth to rock.
111G*:						
McMullin---------	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.	Severe: slope, depth to rock.
McNull----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
112F*:						
McMullin---------	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.	Severe: slope, depth to rock.
Medco----------	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
113E*, 113G*:						
McMullin---------	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.	Severe: slope, depth to rock.
Rock outcrop.						
114E, 114G, 115E, 115G---------- McNull	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
116E*, 116G*, 117G*:						
McNull----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
McMullin--------	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.	Severe: slope, depth to rock.
118E*, 119F*:						
McNull----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
Medco----------	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
120B---------- Medco	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
120C---------- Medco	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
121E, 122E, 123F, 124F---------- Medco	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
125C*:						
Medco----------	Severe: wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell, low strength, wetness.	Severe: wetness.
McMullin---------	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
125F*:						
Medco----------	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
McMullin---------	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.	Severe: slope, depth to rock.
126F*:						
Medco----------	Severe: wetness, slope.	Severe: wetness, shrink-swell, slope.	Severe: wetness, slope, shrink-swell.	Severe: wetness, shrink-swell, slope.	Severe: shrink-swell, low strength, wetness.	Severe: wetness, slope.
McNull----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.
127A---------- Medford	Moderate: too clayey, wetness.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: low strength, shrink-swell.	Moderate: large stones.
128B---------- Medford	Moderate: too clayey, wetness.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, low strength.	Moderate: large stones.
129B---------- 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, low strength, shrink-swell.	Severe: small stones, large stones, depth to rock.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
130E*, 131F*, 132F*:						
Musty	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope.
Goolaway	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
133A Newberg	Severe: cutbanks cave.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.
134F*:						
Norling	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
Acker	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
135E, 135G, 136E Oatman	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
137C Oatman	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: frost action, large stones.	Moderate: small stones, large stones.
138C*:						
Oatman	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: frost action, large stones.	Moderate: small stones, large stones.
Otwin	Severe: depth to rock, large stones.	Severe: large stones.	Severe: depth to rock, large stones.	Severe: large stones.	Severe: large stones.	Moderate: small stones, large stones.
139A Padigan	Severe: ponding.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: ponding, shrink-swell.	Severe: low strength, ponding, shrink-swell.	Severe: ponding, too clayey.
140G*:						
Pearsoll	Severe: depth to rock, large stones, 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.	Severe: small stones, large stones, slope.
Dubakella	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: large stones, slope.
141A Phoenix	Severe: cutbanks cave, wetness.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: wetness, shrink-swell.	Severe: low strength, wetness, shrink-swell.	Severe: wetness, too clayey.
142C Pinehurst	Slight	Slight	Slight	Moderate: slope.	Moderate: frost action.	Slight.
143E, 144E Pinehurst	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
145C*:						
Pinehurst	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Moderate: large stones.
Greystoke	Moderate: large stones.	Moderate: shrink-swell, large stones.	Moderate: shrink-swell, large stones.	Moderate: shrink-swell, slope, large stones.	Moderate: shrink-swell, frost action.	Severe: large stones.
146*. Pits						
147C*, 148C*:						
Pokegema	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: large stones.
Woodcock	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: slope, large stones.	Moderate: frost action, large stones.	Severe: droughty.
149B Pollard	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Severe: low strength.	Moderate: large stones.
149D Pollard	Moderate: too clayey, slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Severe: low strength.	Moderate: large stones, slope.
150E Provig	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: small stones, droughty, slope.
151C*:						
Provig	Moderate: too clayey, large stones, slope.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell.	Severe: small stones, droughty.
Agate	Severe: cutbanks cave.	Moderate: shrink-swell, slope.	Moderate: cemented pan, slope.	Severe: slope.	Moderate: slope, shrink-swell.	Moderate: slope, cemented pan.
152B*:						
Randcore	Severe: depth to rock, ponding.	Severe: ponding, depth to rock.	Severe: ponding, depth to rock.	Severe: ponding, depth to rock.	Severe: depth to rock, ponding.	Severe: large stones, ponding, depth to rock.
Shoat	Severe: depth to rock.	Moderate: depth to rock.	Severe: depth to rock.	Moderate: depth to rock.	Moderate: depth to rock, low strength, frost action.	Moderate: depth to rock.
153B*:						
Reinecke	Slight	Slight	Slight	Slight	Severe: frost action.	Moderate: large stones.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
153B*:						
Coyata	Severe: depth to rock.	Moderate: depth to rock, large stones.	Severe: depth to rock.	Moderate: depth to rock, large stones.	Moderate: depth to rock, large stones.	Moderate: small stones, large stones, droughty.
154*. Riverwash						
155E, 155G, 156E, 156G Rogue	Severe: cutbanks cave, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
157B Ruch	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Slight.
158B Ruch	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Moderate: small stones.
158D Ruch	Moderate: slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Moderate: shrink-swell, low strength, slope.	Moderate: small stones, slope.
159C Rustlerpeak	Moderate: depth to rock, large stones.	Moderate: shrink-swell, large stones.	Moderate: depth to rock, shrink-swell.	Moderate: shrink-swell, slope, large stones.	Moderate: shrink-swell, frost action.	Moderate: small stones, large stones.
160E, 160G Rustlerpeak	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
161G*:						
Rustlerpeak	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop.						
162B Selmac	Severe: wetness.	Severe: shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell.	Severe: low strength, shrink-swell.	Moderate: wetness, droughty.
162D Selmac	Severe: wetness.	Severe: shrink-swell.	Severe: wetness, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, shrink-swell.	Moderate: wetness, droughty, slope.
163A Sevenoaks	Severe: cutbanks cave.	Slight	Slight	Slight	Slight	Severe: droughty.
164B Shefflein	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: low strength, shrink-swell.	Slight.
164D Shefflein	Moderate: slope.	Moderate: shrink-swell, slope.	Moderate: slope, shrink-swell.	Severe: slope.	Moderate: low strength, slope, shrink-swell.	Moderate: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
165E, 166E-------- Shefflein	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
167B---------- Sibannac	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: low strength, wetness.	Severe: wetness.
168G, 169G-------- Siskiyou	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
170C---------- Skookum	Severe: depth to rock, large stones.	Severe: shrink-swell, large stones.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, large stones.	Severe: low strength, shrink-swell.	Severe: large stones, droughty.
171E*, 172E*:						
Skookum-----------	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: low strength, slope, shrink-swell.	Severe: large stones, droughty, slope.
Bogus----------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.	Severe: small stones, slope.
173D*:						
Skookum-----------	Severe: depth to rock, large stones.	Severe: shrink-swell, large stones.	Severe: depth to rock, shrink-swell.	Severe: shrink-swell, slope, large stones.	Severe: low strength, shrink-swell.	Severe: large stones, droughty.
Rock outcrop.						
McMullin---------	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Severe: depth to rock.
173F*:						
Skookum-----------	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: low strength, slope, shrink-swell.	Severe: large stones, droughty, slope.
Rock outcrop.						
McMullin---------	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.	Severe: slope, depth to rock.
174G*:						
Skookum-----------	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: low strength, slope, shrink-swell.	Severe: large stones, droughty, slope.
Rock outcrop.						
Rubble land.						

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
175F, 176F-------- Snowbrier	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: slope.
177C---------- Snowlin	Slight---------	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, frost action.	Moderate: small stones, large stones.
178E---------- Snowlin	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
179F*:						
Speaker----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Josephine--------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
180G, 181G-------- Steinmetz	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
182E, 183E-------- Straight	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, large stones, slope.
184G*, 185G*:						
Straight---------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, large stones, slope.
Shippa----------	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.	Severe: small stones, slope, depth to rock.
186H*:						
Tablerock--------	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope.	Severe: shrink-swell, slope.	Severe: shrink-swell, low strength, slope.	Severe: slope.
Rock outcrop.						
187A---------- Takilma	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Severe: large stones, droughty.
188E, 188G, 189E, 189G---------- Tallowbox	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
190E, 190G, 191E, 191G---------- Tatouche	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: slope.

See footnote at end of table.

TABLE 9.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
192A Terrabella	Severe: ponding.	Severe: flooding, ponding, shrink-swell.	Severe: flooding, ponding, shrink-swell.	Severe: flooding, ponding, shrink-swell.	Severe: low strength, ponding, shrink-swell.	Severe: ponding.
193G, 194G Tethrick	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
195E, 195F, 196E Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
197F*:						
Vannoy	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
Voorhies	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: small stones, slope.
198A Winlo	Severe: cemented pan, cutbanks cave, ponding.	Severe: ponding, cemented pan.	Severe: ponding, cemented pan.	Severe: ponding, cemented pan.	Severe: cemented pan, ponding.	Severe: small stones, ponding, cemented pan.
199C Wolfpeak	Slight	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, low strength.	Slight.
200E, 201E Wolfpeak	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
202F, 203F Woodcock	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: droughty, slope.
204E*, 205E*, 206E*:						
Woodcock	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: droughty, slope.
Pokegema	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: low strength, slope.	Severe: slope.
207E*, 207G*:						
Woodseye	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.	Severe: large stones, slope, depth to rock.
Rock outcrop.						
208C*:						
Xerorthents	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: small stones, large stones.
Dumps.						

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

TABLE 10.--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
1B Abegg	Moderate: percs slowly, large stones.	Severe: seepage.	Severe: seepage.	Slight	Poor: seepage, small stones.
1C Abegg	Moderate: percs slowly, slope, large stones.	Severe: seepage, slope.	Severe: seepage.	Moderate: slope.	Poor: seepage, small stones.
2A Abin	Severe: flooding, wetness, percs slowly.	Severe: flooding, wetness.	Severe: flooding, wetness, too clayey.	Severe: flooding, wetness.	Poor: too clayey, hard to pack.
3E*, 4E*:					
Acker	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Dumont	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
5F*:					
Acker	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Norling	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.
6B*:					
Agate	Severe: cemented pan, percs slowly.	Severe: cemented pan.	Moderate: cemented pan, too sandy.	Severe: cemented pan.	Poor: cemented pan, seepage, small stones.
Winlo	Severe: cemented pan, ponding.	Severe: cemented pan, ponding.	Severe: cemented pan, ponding, large stones.	Severe: cemented pan, ponding.	Poor: cemented pan, seepage, small stones.
7C*:					
Aspenlake	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Poor: cemented pan, small stones.
Whiteface	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Severe: cemented pan.	Poor: cemented pan, small stones.

See footnote at end of table.

TABLE 10.--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
8A Barhiskey	Severe: poor filter.	Severe: seepage.	Severe: seepage, too sandy.	Severe: seepage.	Poor: seepage, too sandy, small stones.
9A Barhiskey Variant	Severe: wetness, poor filter.	Severe: seepage, wetness.	Severe: seepage, wetness, too sandy.	Severe: seepage, wetness.	Poor: seepage, too sandy, small stones.
10B Barron	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Good.
10C Barron	Moderate: slope.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage.	Fair: slope.
11G*, 12G*:					
Beekman	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.
Colestine	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.
13C*:					
Bly	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Royst	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, small stones.
13E*:					
Bly	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Royst	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.
14G Bogus	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, hard to pack, slope.
15C*:					
Bogus	Severe: percs slowly.	Moderate: seepage, slope.	Severe: too clayey.	Slight	Poor: too clayey, hard to pack.
Skookum	Severe: depth to rock, percs slowly.	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.

See footnote at end of table.

TABLE 10.--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
16A*:					
Booth	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.
Kanutchan Variant	Severe: depth to rock, ponding.	Severe: depth to rock, ponding.	Severe: depth to rock, ponding, too clayey.	Severe: depth to rock, ponding.	Poor: depth to rock, too clayey, hard to pack.
17C*:					
Brader	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
Debenger	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
17E*:					
Brader	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Debenger	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
18C Bybee	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack.
19E*, 20E*:					
Bybee	Severe: wetness, percs slowly, slope.	Severe: slope, wetness.	Severe: wetness, slope, too clayey.	Severe: wetness, slope.	Poor: too clayey, hard to pack, slope.
Tatouche	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, small stones, slope.
21A, 22A Camas	Severe: flooding, poor filter.	Severe: seepage, flooding.	Severe: flooding, seepage, too sandy.	Severe: flooding, seepage.	Poor: seepage, too sandy, small stones.
23A*:					
Camas	Severe: flooding, poor filter.	Severe: seepage, flooding.	Severe: flooding, seepage, too sandy.	Severe: flooding, seepage.	Poor: seepage, too sandy, small stones.
Newberg	Severe: flooding, poor filter.	Severe: seepage, flooding.	Severe: flooding, seepage, too sandy.	Severe: flooding, seepage.	Poor: too sandy.

See footnote at end of table.

TABLE 10.--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
23A*:					
Evans	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Good.
24C*:					
Campfour	Severe: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight	Poor: small stones.
Paragon	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, large stones.
24E*:					
Campfour	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Paragon	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, large stones, slope.
25G*, 26G*:					
Caris	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.
Offenbacher	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.
27B Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, wetness.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
27D, 28D Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
28E Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
29D Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, too clayey.	Severe: depth to rock.	Poor: depth to rock, too clayey, hard to pack.
29E Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

TABLE 10.--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
30E*:					
Carney	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, slope, too clayey.	Severe: depth to rock, slope.	Poor: depth to rock, too clayey, hard to pack.
Tablerock	Severe: wetness, percs slowly, slope.	Severe: slope, wetness, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: small stones, slope.
31A Central Point	Moderate: wetness.	Severe: seepage.	Severe: seepage, wetness.	Severe: seepage.	Good.
32B Clawson	Severe: wetness.	Severe: seepage, wetness.	Severe: seepage, wetness.	Severe: seepage, wetness.	Poor: wetness.
33A Coker	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack, wetness.
33C Coker	Severe: wetness, percs slowly.	Severe: slope, wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack, wetness.
34B Coleman	Severe: wetness, percs slowly.	Moderate: slope.	Severe: wetness, too clayey.	Moderate: wetness.	Poor: too clayey, hard to pack, small stones.
35A Cove	Severe: flooding, wetness, percs slowly.	Severe: flooding.	Severe: flooding, wetness, too clayey.	Severe: flooding, wetness.	Poor: too clayey, hard to pack, wetness.
36G*, 37G*:					
Coyata	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Rock outcrop.					
38C*:					
Crater Lake	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: small stones.
Alcot	Severe: poor filter.	Severe: seepage.	Severe: seepage, large stones.	Severe: seepage.	Poor: seepage, small stones.
39E*, 40E*:					
Crater Lake	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: small stones, slope.

See footnote at end of table.

TABLE 10.--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
39E*, 40E*:					
Alcot	Severe: poor filter, slope.	Severe: seepage, slope.	Severe: seepage, slope, large stones.	Severe: seepage, slope.	Poor: seepage, small stones, slope.
41G*, 42G*:					
Crater Lake	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: small stones, slope.
Rock outcrop.					
43B Darow	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
43D Darow	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
43E Darow	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
44C*:					
Debenger	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
Brader	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
44E*:					
Debenger	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Brader	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
45G, 46G Donegan	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.
47C*:					
Donegan	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
Killet	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Poor: small stones.

See footnote at end of table.

TABLE 10.--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
48E*, 49E*:					
Donegan	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.
Killet	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
50E, 50G Dubakella	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, small stones.
51C Dumont	Severe: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight	Fair: too clayey, hard to pack.
52C*:					
Dumont	Severe: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight	Fair: too clayey, hard to pack.
Coyata	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
53E*, 53G*, 54E*, 54G*:					
Dumont	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Coyata	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
55A Evans	Severe: flooding.	Severe: flooding.	Severe: flooding.	Severe: flooding.	Good.
56C Farva	Severe: depth to rock, large stones.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Poor: depth to rock, large stones.
57E, 57G, 58E, 58G Farva	Severe: depth to rock, slope, large stones.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, large stones, slope.
59G*, 60G*:					
Farva	Severe: depth to rock, slope, large stones.	Severe: seepage, depth to rock, slope.	Severe: depth to rock, seepage, slope.	Severe: depth to rock, seepage, slope.	Poor: depth to rock, large stones, slope.
Rock outcrop.					

See footnote at end of table.

TABLE 10.--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
61A Foehlin	Severe: percs slowly.	Moderate: seepage.	Moderate: too clayey.	Slight	Poor: small stones.
62C Freezener	Severe: percs slowly.	Moderate: seepage, slope.	Severe: too clayey.	Slight	Poor: too clayey.
63E, 64E Freezener	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, slope.
65C*:					
Freezener	Severe: percs slowly.	Moderate: seepage, slope.	Severe: too clayey.	Slight	Poor: too clayey.
Geppert	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, large stones.
66E*, 66G*, 67E*, 67G*:					
Freezener	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, slope.
Geppert	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, large stones, slope.
68C Geppert	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, large stones.
69E, 69G, 70E, 70G Geppert	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, large stones, slope.
71E, 71F, 72E, 72F Goolaway	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
73E*:					
Goolaway	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
Pollard	Severe: percs slowly.	Severe: slope.	Moderate: slope, too clayey.	Moderate: slope.	Fair: too clayey, hard to pack, slope.
74F, 74G, 75E, 75F, 75G Gravecreek	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.

See footnote at end of table.

TABLE 10.--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
76A---------- Gregory	Severe: wetness, percs slowly.	Moderate: depth to rock.	Severe: depth to rock, wetness, too clayey.	Severe: wetness.	Poor: too clayey, wetness.
77F, 77G, 78F------- Greystoke	Severe: percs slowly, slope.	Severe: slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
79E*, 80E*:					
Greystoke----------	Severe: percs slowly, slope.	Severe: slope, large stones.	Severe: depth to rock, slope, large stones.	Severe: slope.	Poor: small stones, slope.
Pinehurst----------	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
81G---------- Heppsie	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.
82G*:					
Heppsie----------	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.
McMullin----------	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.
83E, 83G, 84E, 84G-- Hobit	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
85A---------- Hoxie	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Poor: wetness.
86C---------- Hukill	Severe: percs slowly.	Moderate: depth to rock, slope.	Severe: depth to rock, too clayey.	Moderate: depth to rock.	Poor: too clayey.
87F, 87G, 88F------- Jayar	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.
89E---------- Jayar Variant	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.
90E*, 91E*:					
Josephine----------	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope.

See footnote at end of table.

TABLE 10.--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
90E*, 91E*:					
Pollard	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
92E*, 92F*, 93E*:					
Josephine	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope.
Speaker	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, slope.
94G*, 95G*:					
Kanid	Severe: slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: small stones, slope.
Atring	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.
96B Kanutchan	Severe: wetness, percs slowly.	Severe: wetness.	Severe: depth to rock, wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack, wetness.
97A Kerby	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Slight	Fair: too clayey, small stones, thin layer.
98A Kerby	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness.	Moderate: wetness.	Fair: too clayey, wetness.
99A Klamath	Severe: flooding, wetness, percs slowly.	Severe: flooding.	Severe: flooding, wetness, too clayey.	Severe: flooding, wetness.	Poor: too clayey, hard to pack, wetness.
100A, 100B Kubli	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack, wetness.
101E Langellain	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
102B*:					
Langellain	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.

See footnote at end of table.

TABLE 10.--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
102B*:					
Brader	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
102D*:					
Langellain	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
Brader	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
103E*:					
Langellain	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope, wetness.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
Brader	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
104E, 105E Lettia	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope.
106C Lobert	Moderate: percs slowly.	Moderate: seepage, slope.	Slight	Slight	Good.
107E*:					
Lorella	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, small stones.
Skookum	Severe: depth to rock, percs slowly, 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.
108B Manita	Severe: percs slowly.	Moderate: depth to rock, slope.	Severe: depth to rock, too clayey.	Moderate: depth to rock.	Poor: too clayey.
108D Manita	Severe: percs slowly.	Severe: slope.	Severe: depth to rock, too clayey.	Moderate: depth to rock, slope.	Poor: too clayey.
108E, 108F Manita	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, too clayey.	Severe: slope.	Poor: too clayey, slope.
109E*:					
Manita	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, too clayey.	Severe: slope.	Poor: too clayey, slope.

See footnote at end of table.

TABLE 10.--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
109E*:					
Vannoy	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, slope.
110E McMullin	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.
111G*:					
McMullin	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.
McNull	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.
112F*:					
McMullin	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.
Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
113E*, 113G*:					
McMullin	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.					
114E, 114G, 115E, 115G McNull	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.
116E*, 116G*, 117G*:					
McNull	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.
McMullin	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 10.--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
118E*, 119F*:					
McNull	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.
Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
120B Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
120C Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
121E, 122E, 123F, 124F Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
125C*:					
Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
McMullin	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
125F*:					
Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
McMullin	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.
126F*:					
Medco	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, wetness, slope.	Severe: depth to rock, wetness, slope.	Poor: depth to rock, too clayey, hard to pack.
McNull	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.

See footnote at end of table.

TABLE 10.--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
127A Medford	Severe: percs slowly.	Moderate: wetness.	Severe: wetness, too clayey.	Moderate: wetness.	Poor: too clayey.
128B Medford	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey.
129B Merlin	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.
130E*, 131F*, 132F*:					
Musty	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
Goolaway	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Poor: depth to rock, slope.
133A Newberg	Severe: flooding, poor filter.	Severe: seepage, flooding.	Severe: flooding, seepage, too sandy.	Severe: flooding, seepage.	Poor: too sandy.
134F*:					
Norling	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.
Acker	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
135E, 135G, 136E Oatman	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.	Poor: small stones, slope.
137C Oatman	Moderate: percs slowly, large stones.	Moderate: seepage, slope, large stones.	Severe: large stones.	Slight	Poor: small stones.
138C*:					
Oatman	Moderate: percs slowly, large stones.	Moderate: seepage, slope, large stones.	Severe: large stones.	Slight	Poor: small stones.
Otwin	Severe: depth to rock, large stones.	Severe: seepage, depth to rock.	Severe: depth to rock, seepage, large stones.	Severe: depth to rock, seepage.	Poor: depth to rock, large stones.

See footnote at end of table.

TABLE 10.--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
139A Padigan	Severe: ponding, percs slowly.	Severe: ponding.	Severe: ponding, too clayey.	Severe: ponding.	Poor: too clayey, hard to pack, ponding.
140G*:					
Pearsoll	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, hard to pack.
Dubakella	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, small stones.
141A Phoenix	Severe: depth to rock, wetness, percs slowly.	Severe: depth to rock, wetness.	Severe: depth to rock, wetness, too clayey.	Severe: depth to rock, wetness.	Poor: depth to rock, too clayey, hard to pack.
142C Pinehurst	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey, small stones.
143E, 144E Pinehurst	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
145C*:					
Pinehurst	Severe: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight	Poor: small stones.
Greystoke	Severe: percs slowly.	Severe: large stones.	Severe: depth to rock, large stones.	Moderate: depth to rock.	Poor: small stones.
146*. Pits					
147C*, 148C*:					
Pokegema	Severe: percs slowly.	Moderate: seepage, depth to rock, slope.	Severe: depth to rock, too clayey.	Moderate: depth to rock.	Poor: too clayey.
Woodcock	Moderate: percs slowly, large stones.	Moderate: seepage, slope, large stones.	Moderate: too clayey, large stones.	Slight	Poor: small stones.
149B Pollard	Severe: percs slowly.	Moderate: seepage, slope.	Moderate: too clayey.	Slight	Fair: too clayey, hard to pack.
149D Pollard	Severe: percs slowly.	Severe: slope.	Moderate: slope, too clayey.	Moderate: slope.	Fair: too clayey, hard to pack, slope.

See footnote at end of table.

TABLE 10.--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
150E---------- Provig	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: seepage, too clayey, small stones.
151C*:					
Provig----------	Severe: percs slowly.	Severe: slope.	Severe: too clayey.	Moderate: slope.	Poor: seepage, too clayey, small stones.
Agate----------	Severe: cemented pan, percs slowly.	Severe: cemented pan, slope.	Moderate: cemented pan, slope, too sandy.	Severe: cemented pan.	Poor: cemented pan, seepage, small stones.
152B*:					
Randcore----------	Severe: depth to rock, ponding.	Severe: depth to rock, ponding.	Severe: depth to rock, ponding.	Severe: depth to rock, ponding.	Poor: depth to rock, ponding.
Shoat----------	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock.
153B*:					
Reinecke----------	Moderate: percs slowly.	Severe: seepage.	Moderate: too clayey, large stones.	Severe: seepage.	Poor: small stones.
Coyata----------	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, large stones.	Severe: depth to rock.	Poor: depth to rock, small stones.
154*. Riverwash					
155E, 155G, 156E, 156G---------- Rogue	Severe: slope.	Severe: seepage, slope.	Severe: depth to rock, seepage, slope.	Severe: seepage, slope.	Poor: large stones, slope.
157B, 158B---------- Ruch	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight----------	Fair: too clayey, small stones.
158D---------- Ruch	Severe: percs slowly.	Severe: slope.	Moderate: slope, too clayey.	Moderate: slope.	Fair: too clayey, small stones, slope.
159C---------- Rustlerpeak	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
160E, 160G---------- Rustlerpeak	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 10.--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
161G*:					
Rustlerpeak	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.					
162B Selmac	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack.
162D Selmac	Severe: wetness, percs slowly.	Severe: slope, wetness.	Severe: wetness, too clayey.	Severe: wetness.	Poor: too clayey, hard to pack.
163A Sevenoaks	Severe: poor filter.	Severe: seepage.	Severe: seepage, too sandy.	Severe: seepage.	Poor: seepage, too sandy.
164B Shefflein	Severe: percs slowly.	Moderate: depth to rock, slope.	Severe: depth to rock.	Moderate: depth to rock.	Fair: depth to rock, too clayey.
164D Shefflein	Severe: percs slowly.	Severe: slope.	Severe: depth to rock.	Moderate: depth to rock, slope.	Fair: depth to rock, too clayey, slope.
165E, 166E Shefflein	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope.
167B Sibannac	Severe: wetness, percs slowly.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Poor: wetness.
168G, 169G Siskiyou	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.
170C Skookum	Severe: depth to rock, percs slowly.	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.
171E*, 172E*:					
Skookum	Severe: depth to rock, percs slowly, 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.
Bogus	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, hard to pack, slope.

See footnote at end of table.

TABLE 10.--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
173D*:					
Skookum	Severe: depth to rock, percs slowly.	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.
Rock outcrop.					
McMullin	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: depth to rock.	Poor: depth to rock, small stones.
173F*:					
Skookum	Severe: depth to rock, percs slowly, 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.
Rock outcrop.					
McMullin	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.
174G*:					
Skookum	Severe: depth to rock, percs slowly, 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.
Rock outcrop.					
Rubble land.					
175F, 176F Snowbrier	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope, large stones.	Severe: depth to rock, slope.	Poor: depth to rock, small stones, slope.
177C Snowlin	Severe: percs slowly.	Severe: slope.	Moderate: too clayey, large stones.	Slight	Poor: small stones.
178E Snowlin	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
179F*:					
Speaker	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, slope.
Josephine	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope.
180G, 181G Steinmetz	Severe: slope.	Severe: seepage, slope.	Severe: seepage, slope.	Severe: seepage, slope.	Poor: small stones, slope.

See footnote at end of table.

TABLE 10.--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
182E, 183E---------- Straight	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.
184G*, 185G*:					
Straight----------	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.
Shippa----------	Severe: depth to rock, slope, large stones.	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.
186H*:					
Tablerock----------	Severe: wetness, percs slowly, slope.	Severe: slope, wetness, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: small stones, slope.
Rock outcrop.					
187A---------- Takilma	Severe: poor filter.	Severe: seepage, large stones.	Severe: seepage, large stones.	Severe: seepage.	Poor: seepage, small stones.
188E, 188G, 189E, 189G---------- Tallowbox	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.
190E, 190G, 191E, 191G---------- Tatouche	Severe: percs slowly, slope.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: too clayey, small stones, slope.
192A---------- Terrabella	Severe: ponding, percs slowly.	Severe: ponding.	Severe: ponding, too clayey.	Severe: ponding.	Poor: too clayey, hard to pack, ponding.
193G, 194G---------- Tethrick	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
195E, 195F, 196E---- Vannoy	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, slope.
197F*:					
Vannoy----------	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, slope.

See footnote at end of table.

TABLE 10.--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
197F*:					
Voorhies	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.
198A Winlo	Severe: cemented pan, ponding.	Severe: cemented pan, ponding.	Severe: cemented pan, ponding, large stones.	Severe: cemented pan, ponding.	Poor: cemented pan, seepage, small stones.
199C Wolfpeak	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey, small stones.
200E, 201E Wolfpeak	Severe: percs slowly, slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
202F, 203F Woodcock	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
204E*, 205E*, 206E*:					
Woodcock	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: small stones, slope.
Pokegema	Severe: percs slowly, slope.	Severe: slope.	Severe: depth to rock, slope, too clayey.	Severe: slope.	Poor: too clayey, slope.
207E*, 207G*:					
Woodseye	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.
Rock outcrop.					
208C*:					
Xerorthents	Severe: large stones.	Severe: seepage, slope, large stones.	Severe: seepage, large stones.	Severe: seepage.	Poor: small stones.
Dumps.					

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

TABLE 11.--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
1B, 1C Abegg	Fair: large stones.	Probable	Probable	Poor: small stones, area reclaim.
2A Abin	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
3E*, 4E*:				
Acker	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Dumont	Fair: shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, slope.
5F*:				
Acker	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Norling	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
6B*:				
Agate	Good	Probable	Probable	Poor: small stones, area reclaim.
Winlo	Poor: cemented pan, wetness.	Probable	Probable	Poor: cemented pan, small stones, area reclaim.
7C*:				
Aspenlake	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Whiteface	Poor: cemented pan.	Improbable: excess fines.	Improbable: excess fines.	Poor: cemented pan, small stones.
8A Barhiskey	Good	Probable	Probable	Poor: too sandy, small stones, area reclaim.
9A Barhiskey Variant	Fair: wetness.	Probable	Probable	Poor: too sandy, small stones, area reclaim.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
10B Barron	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
10C Barron	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, slope.
11G*, 12G*:				
Beekman	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Colestine	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
13C*:				
Bly	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Royst	Poor: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
13E*:				
Bly	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Royst	Poor: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
14G Bogus	Poor: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
15C*:				
Bogus	Poor: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Skookum	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
16A*:				
Booth	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones.
Kanutchan Variant	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
17C*:				
Brader	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
Debenger	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Fair: depth to rock, small stones, slope.
17E*:				
Brader	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Debenger	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
18C Bybee	Poor: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
19E*, 20E*:				
Bybee	Poor: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Tatouche	Fair: slope, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
21A, 22A Camas	Good	Probable	Probable	Poor: too sandy, small stones, area reclaim.
23A*:				
Camas	Good	Probable	Probable	Poor: too sandy, small stones, area reclaim.
Newberg	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, area reclaim, thin layer.
Evans	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
24C*:				
Campfour	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Paragon	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: large stones.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
24E*:				
Campfour	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Paragon	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: large stones, slope.
25G*, 26G*:				
Caris	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Offenbacher	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
27B, 27D Carney	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
28D Carney	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones.
28E Carney	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones, slope.
29D Carney	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones.
29E Carney	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones, slope.
30E*:				
Carney	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, large stones, slope.
Tablerock	Poor: thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, area reclaim.
31A Central Point	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, area reclaim.
32B Clawson	Fair: wetness.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
33A, 33C Coker	Poor: low strength, wetness, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
34B Coleman	Fair: shrink-swell, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, area reclaim.
35A Cove	Poor: shrink-swell, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
36G*, 37G*:				
Coyata	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
38C*:				
Crater Lake	Good	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Alcot	Fair: large stones.	Probable	Probable	Poor: small stones, area reclaim.
39E*, 40E*:				
Crater Lake	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Alcot	Fair: large stones, slope.	Probable	Probable	Poor: small stones, area reclaim, slope.
41G*, 42G*:				
Crater Lake	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Rock outcrop.				
43B, 43D Darow	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
43E Darow	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
44C*:				
Debenger	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Fair: depth to rock, small stones, slope.
Brader	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
44E*:				
Debenger	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Brader	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
45G, 46G Donegan	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
47C*:				
Donegan	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
Killet	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
48E*, 49E*:				
Donegan	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Killet	Fair: shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
50E Dubakella	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
50G Dubakella	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
51C Dumont	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey.
52C*:				
Dumont	Fair: low strength.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, thin layer.
Coyata	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
53E*:				
Dumont	Fair: low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Coyata	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
53G*:				
Dumont	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Coyata	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
54E*:				
Dumont	Fair: low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Coyata	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
54G*:				
Dumont	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Coyata	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
55A Evans	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
56C Farva	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
57E Farva	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
57G Farva	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
58E Farva	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
58G Farva	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
59G*, 60G*:				
Farva	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
Rock outcrop.				
61A Foehlin	Fair: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
62C Freezener	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
63E, 64E Freezener	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
65C*:				
Freezener	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
66E*:				
Freezener	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
66G*:				
Freezener	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Geppert	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
67E*:				
Freezener	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
67G*:				
Freezener	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
Geppert	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
68C Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
69E Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
69G Geppert	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
70E Geppert	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
70G Geppert	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
71E, 71F, 72E, 72F Goolaway	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
73E*:				
Goolaway	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Pollard	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
74F, 74G Gravecreek	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
75E Gravecreek	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
75F, 75G Gravecreek	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
76A Gregory	Poor: shrink-swell, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
77F, 77G, 78F--------- Greystoke	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
79E*, 80E*:				
Greystoke----------	Fair: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Pinehurst----------	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
81G---------- Heppsie	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
82G*:				
Heppsie----------	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
McMullin----------	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
83E---------- Hobit	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
83G---------- Hobit	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
84E---------- Hobit	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
84G---------- Hobit	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
85A---------- Hoxie	Poor: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: wetness.
86C---------- Hukill	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
87F, 87G, 88F--------- Jayar	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
89E---------- Jayar Variant	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
90E*, 91E*:				
Josephine	Fair: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Pollard	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
92E*:				
Josephine	Fair: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Speaker	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
92F*:				
Josephine	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Speaker	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
93E*:				
Josephine	Fair: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Speaker	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
94G*, 95G*:				
Kanid	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Atring	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
96B Kanutchan	Poor: low strength, wetness, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
97A Kerby	Good	Probable	Probable	Poor: small stones, area reclaim.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
98A Kerby	Fair: wetness.	Improbable: excess fines.	Improbable: excess fines.	Fair: too clayey, small stones, area reclaim.
99A Klamath	Poor: low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
100A, 100B Kubli	Poor: low strength, wetness, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: wetness.
101E Langellain	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness, slope.
102B*, 102D*:				
Langellain	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
Brader	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
103E*:				
Langellain	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness, slope.
Brader	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
104E, 105E Lettia	Fair: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
106C Lobert	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.
107E*:				
Lorella	Poor: depth to rock, shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, too clayey, small stones.
Skookum	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
108B, 108D---------- Manita	Poor: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer.
108E, 108F---------- Manita	Poor: low strength, slope, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer, slope.
109E*:				
Manita----------	Poor: low strength, slope, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer, slope.
Vannoy----------	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
110E---------- McMullin	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
111G*:				
McMullin----------	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
McNull----------	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
112F*:				
McMullin----------	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Medco----------	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.
113E*:				
McMullin----------	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
Rock outcrop.				
113G*:				
McMullin----------	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 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
113G*:				
Rock outcrop.				
114E McNull	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
114G McNull	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
115E McNull	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
115G McNull	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
116E*:				
McNull	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
McMullin	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
116G*, 117G*:				
McNull	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
McMullin	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
118E*, 119F*:				
McNull	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Medco	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.
120B, 120C, 121E, 122E, 123F, 124F Medco	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
125C*:				
Medco	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.
McMullin	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
125F*:				
Medco	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.
McMullin	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
126F*:				
Medco	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, wetness.
McNull	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
127A Medford	Fair: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
128B Medford	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, area reclaim.
129B Merlin	Poor: depth to rock, low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
130E*:				
Musty	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Goolaway	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
131F*, 132F*:				
Musty	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
131F*, 132F*:				
Goolaway	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
133A Newberg	Good	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, area reclaim, thin layer.
134F*:				
Norling	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Acker	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
135E Oatman	Fair: large stones, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
135G Oatman	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
136E Oatman	Fair: large stones, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
137C Oatman	Fair: large stones.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
138C*:				
Oatman	Fair: large stones.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Otwin	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
139A Padigan	Poor: wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
140G*:				
Pearsoll	Poor: depth to rock, shrink-swell, low strength.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, too clayey, large stones.
Dubakella	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
141A Phoenix	Poor: depth to rock, low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, wetness.
142C Pinehurst	Good	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
143E, 144E Pinehurst	Fair: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
145C*:				
Pinehurst	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Greystoke	Fair: depth to rock, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
146*. Pits				
147C*, 148C*:				
Pokegema	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones.
Woodcock	Fair: large stones.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
149B, 149D Pollard	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
150E Provig	Poor: slope, shrink-swell.	Improbable: small stones.	Probable	Poor: small stones, area reclaim, slope.
151C*:				
Provig	Poor: shrink-swell.	Improbable: small stones.	Probable	Poor: small stones, area reclaim.
Agate	Good	Probable	Probable	Poor: small stones, area reclaim.
152B*:				
Randcore	Poor: depth to rock, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, wetness.
Shoat	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
153B*:				
Reinecke	Good	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
Coyata	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
154*. Riverwash				
155E Rogue	Fair: depth to rock, thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
155G Rogue	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
156E Rogue	Fair: depth to rock, thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
156G Rogue	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
157B, 158B, 158D Ruch	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
159C Rustlerpeak	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
160E Rustlerpeak	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
160G Rustlerpeak	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
161G*:				
Rustlerpeak	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Rock outcrop.				
162B, 162D Selmac	Poor: low strength, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer.
163A Sevenoaks	Good	Probable	Probable	Poor: small stones.
164B Shefflein	Fair: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
164D---------- Shefflein	Fair: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Fair: small stones, slope.
165E, 166E---------- Shefflein	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
167B---------- Sibannac	Poor: low strength, wetness.	Improbable: excess fines.	Improbable: excess fines.	Poor: wetness.
168G, 169G---------- Siskiyou	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
170C---------- Skookum	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
171E*, 172E*:				
Skookum----------	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
Bogus----------	Poor: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
173D*:				
Skookum----------	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones.
Rock outcrop.				
McMullin----------	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones.
173F*:				
Skookum----------	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.
Rock outcrop.				
McMullin----------	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: depth to rock, small stones, slope.
174G*:				
Skookum----------	Poor: depth to rock, low strength, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: large stones, slope.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
174G*:				
Rock outcrop.				
Rubble land.				
175F, 176F	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
177C Snowlin	Fair: shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim.
178E Snowlin	Fair: shrink-swell, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
179F*:				
Speaker	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Josephine	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
180G, 181G Steinmetz	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
182E, 183E Straight	Poor: depth to rock.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
184G*, 185G*:				
Straight	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
Shippa	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
186H*:				
Tablerock	Poor: thin layer, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, area reclaim.
Rock outcrop.				
187A Takilma	Fair: large stones.	Improbable: small stones.	Probable	Poor: small stones, area reclaim.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
188E, 188G, 189E, 189G---------- Tallowbox	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
190E---------- Tatouche	Fair: slope, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
190G---------- Tatouche	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
191E---------- Tatouche	Fair: slope, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
191G---------- Tatouche	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
192A---------- Terrabella	Poor: low strength, wetness, shrink-swell.	Improbable: excess fines.	Improbable: excess fines.	Poor: thin layer, wetness.
193G, 194G---------- Tethrick	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
195E---------- Vannoy	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
195F---------- Vannoy	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
196E---------- Vannoy	Poor: depth to rock, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
197F*:				
Vannoy----------	Poor: depth to rock, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: slope.
Voorhies----------	Poor: depth to rock, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
198A---------- Winlo	Poor: cemented pan, wetness.	Probable----------	Probable----------	Poor: cemented pan, small stones, area reclaim.

See footnote at end of table.

TABLE 11.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
199C---------- Wolfpeak	Fair: shrink-swell, low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones.
200E, 201E---------- Wolfpeak	Fair: shrink-swell, low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, slope.
202F, 203F---------- Woodcock	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
204E*, 205E*:				
Woodcock----------	Poor: slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Pokegema----------	Poor: low strength, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
206E*:				
Woodcock----------	Fair: large stones, slope.	Improbable: excess fines.	Improbable: excess fines.	Poor: small stones, area reclaim, slope.
Pokegema----------	Poor: low strength.	Improbable: excess fines.	Improbable: excess fines.	Poor: too clayey, small stones, slope.
207E*:				
Woodseye----------	Poor: depth to rock, large stones.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Rock outcrop.				
207G*:				
Woodseye----------	Poor: depth to rock, large stones, slope.	Improbable: excess fines, large stones.	Improbable: excess fines, large stones.	Poor: depth to rock, small stones, slope.
Rock outcrop.				
208C*:				
Xerorthents----------	Poor: large stones.	Improbable: small stones, large stones.	Improbable: large stones.	Poor: small stones, area reclaim.
Dumps.				

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

TABLE 12.--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-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
1B Abegg	Moderate: seepage, slope.	Severe: seepage.	Deep to water	Large stones, droughty, slope.	Large stones	Large stones, droughty.
1C Abegg	Severe: slope.	Severe: seepage.	Deep to water	Large stones, droughty, slope.	Slope, large stones.	Large stones, slope, droughty.
2A Abin	Slight	Moderate: hard to pack, wetness.	Deep to water	Flooding	Favorable	Favorable.
3E*, 4E*:						
Acker	Severe: slope.	Moderate: piping.	Deep to water	Slope, droughty.	Slope	Slope, droughty.
Dumont	Severe: slope.	Severe: hard to pack.	Deep to water	Slope	Slope	Slope.
5F*:						
Acker	Severe: slope.	Moderate: piping.	Deep to water	Slope, droughty.	Slope	Slope, droughty.
Norling	Severe: slope.	Severe: thin layer.	Deep to water	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
6B*:						
Agate	Moderate: seepage, cemented pan.	Severe: seepage.	Deep to water	Cemented pan	Large stones, cemented pan.	Large stones, cemented pan.
Winlo	Severe: cemented pan.	Severe: seepage, large stones, ponding.	Ponding, percs slowly, cemented pan.	Large stones, ponding, droughty.	Large stones, cemented pan, ponding.	Large stones, wetness, droughty.
7C*:						
Aspenlake	Moderate: seepage, cemented pan, slope.	Severe: piping.	Deep to water	Slope, cemented pan.	Large stones, cemented pan.	Large stones, cemented pan.
Whiteface	Severe: cemented pan.	Severe: piping.	Deep to water	Slope, cemented pan.	Large stones, cemented pan.	Large stones, cemented pan.
8A Barhiskey	Severe: seepage.	Severe: seepage.	Deep to water	Droughty, fast intake.	Too sandy	Droughty.
9A Barhiskey Variant	Severe: seepage.	Severe: seepage, wetness.	Cutbanks cave	Wetness, droughty, fast intake.	Wetness, too sandy.	Wetness, droughty.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
10B Barron	Severe: seepage.	Severe: piping.	Deep to water	Slope, droughty, soil blowing.	Soil blowing	Droughty.
10C Barron	Severe: seepage, slope.	Severe: piping.	Deep to water	Slope, droughty, soil blowing.	Slope, soil blowing.	Slope, droughty.
11G*, 12G*:						
Beekman	Severe: slope.	Severe: seepage.	Deep to water	Droughty, depth to rock, slope.	Slope, depth to rock.	Slope, droughty, depth to rock.
Colestine	Severe: slope.	Severe: thin layer.	Deep to water	Depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
13C*:						
Bly	Moderate: slope.	Slight	Deep to water	Slope	Favorable	Favorable.
Royst	Moderate: depth to rock, slope.	Severe: thin layer.	Deep to water	Large stones, droughty, percs slowly.	Large stones, depth to rock.	Large stones, droughty.
13E*:						
Bly	Severe: slope.	Slight	Deep to water	Slope	Slope	Slope.
Royst	Severe: slope.	Severe: thin layer.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
14G Bogus	Severe: slope.	Moderate: hard to pack.	Deep to water	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
15C*:						
Bogus	Moderate: slope.	Moderate: hard to pack.	Deep to water	Slope, percs slowly.	Percs slowly	Percs slowly.
Skookum	Moderate: depth to rock, slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Large stones, depth to rock.	Large stones, droughty.
16A*:						
Booth	Moderate: depth to rock.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock.	Depth to rock, percs slowly.	Depth to rock, percs slowly.
Kanutchan Variant	Moderate: depth to rock.	Severe: hard to pack, ponding.	Ponding, percs slowly, depth to rock.	Ponding, slow intake, percs slowly.	Depth to rock, ponding, percs slowly.	Wetness, depth to rock, percs slowly.
17C*, 17E*:						
Brader	Severe: depth to rock, slope.	Severe: piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
Debenger	Severe: slope.	Severe: piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
18C---------- Bybee	Moderate: slope.	Moderate: hard to pack, wetness.	Percs slowly, slope.	Wetness, percs slowly, slope.	Wetness, percs slowly.	Wetness, percs slowly.
19E*, 20E*:						
Bybee----------	Severe: slope.	Moderate: hard to pack, wetness.	Percs slowly, slope.	Wetness, percs slowly, slope.	Slope, wetness, percs slowly.	Wetness, slope, percs slowly.
Tatouche---------	Severe: slope.	Slight---------	Deep to water	Slope----------	Slope----------	Slope.
21A, 22A---------- Camas	Severe: seepage.	Severe: seepage.	Deep to water	Droughty, soil blowing.	Large stones, too sandy, soil blowing.	Large stones, droughty.
23A*:						
Camas----------	Severe: seepage.	Severe: seepage.	Deep to water	Droughty, soil blowing.	Large stones, too sandy, soil blowing.	Large stones, droughty.
Newberg----------	Severe: seepage.	Severe: seepage, piping.	Deep to water	Flooding-------	Too sandy------	Favorable.
Evans----------	Moderate: seepage.	Severe: piping.	Deep to water	Flooding-------	Erodes easily	Erodes easily.
24C*:						
Campfour---------	Moderate: seepage, slope.	Severe: piping.	Deep to water	Slope----------	Favorable------	Favorable.
Paragon----------	Moderate: depth to rock, slope.	Severe: piping.	Deep to water	Slope, large stones, droughty.	Large stones, depth to rock.	Large stones, droughty.
24E*:						
Campfour---------	Severe: slope.	Severe: piping.	Deep to water	Slope----------	Slope----------	Slope.
Paragon----------	Severe: slope.	Severe: piping.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
25G*, 26G*:						
Caris----------	Severe: slope.	Severe: seepage.	Deep to water	Slope, droughty, depth to rock.	Slope, depth to rock.	Slope, droughty, depth to rock.
Offenbacher------	Severe: slope.	Severe: thin layer.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
27B---------- Carney	Moderate: depth to rock, slope.	Severe: hard to pack.	Deep to water	Slow intake, percs slowly, depth to rock.	Depth to rock	Depth to rock.
27D---------- Carney	Severe: slope.	Severe: hard to pack.	Deep to water	Slow intake, percs slowly, depth to rock.	Slope, depth to rock.	Slope, depth to rock.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
28D, 28E, 29D, 29E: Carney	Severe: slope.	Severe: hard to pack.	Deep to water	Slow intake, percs slowly, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
30E*:						
Carney	Severe: slope.	Severe: hard to pack.	Deep to water	Slow intake, percs slowly, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Tablerock	Severe: slope.	Severe: piping, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.
31A: Central Point	Severe: seepage.	Severe: piping.	Deep to water	Droughty	Favorable	Droughty.
32B: Clawson	Severe: seepage.	Severe: piping, wetness.	Slope	Wetness, slope.	Wetness	Wetness.
33A: Coker	Slight	Severe: hard to pack, wetness.	Percs slowly	Wetness, slow intake, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
33C: Coker	Moderate: slope.	Severe: hard to pack, wetness.	Percs slowly, slope.	Wetness, slow intake, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
34B: Coleman	Moderate: slope.	Moderate: hard to pack, wetness.	Percs slowly, slope.	Slope, wetness, percs slowly.	Wetness, percs slowly.	Percs slowly.
35A: Cove	Slight	Severe: hard to pack, wetness.	Percs slowly, flooding.	Wetness, slow intake, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
36G*, 37G*:						
Coyata	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						
38C*:						
Crater Lake	Severe: seepage.	Severe: piping.	Deep to water	Slope, soil blowing.	Erodes easily, soil blowing.	Erodes easily.
Alcot	Severe: seepage.	Severe: seepage, large stones.	Deep to water	Slope, large stones.	Large stones, too sandy.	Large stones.
39E*, 40E*:						
Crater Lake	Severe: seepage, slope.	Severe: piping.	Deep to water	Slope, soil blowing.	Slope, erodes easily, soil blowing.	Slope, erodes easily.
Alcot	Severe: seepage, slope.	Severe: seepage, large stones.	Deep to water	Slope, large stones.	Slope, large stones, too sandy.	Large stones, slope.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
41G*, 42G*:						
Crater Lake	Severe: seepage, slope.	Severe: piping.	Deep to water	Slope, soil blowing.	Slope, erodes easily, soil blowing.	Slope, erodes easily.
Rock outcrop.						
43B Darow	Moderate: depth to rock, slope.	Moderate: thin layer, hard to pack, wetness.	Deep to water	Slope, percs slowly, depth to rock.	Depth to rock, percs slowly.	Depth to rock, percs slowly.
43D, 43E Darow	Severe: slope.	Moderate: thin layer, hard to pack, wetness.	Deep to water	Slope, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.	Slope, depth to rock, percs slowly.
44C*, 44E*:						
Debenger	Severe: slope.	Severe: piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
Brader	Severe: depth to rock, slope.	Severe: piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
45G, 46G Donegan	Severe: slope.	Severe: piping.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
47C*:						
Donegan	Moderate: seepage, depth to rock, slope.	Severe: piping.	Deep to water	Slope, large stones, droughty.	Large stones, depth to rock.	Large stones, droughty.
Killet	Moderate: slope.	Severe: piping.	Deep to water	Slope	Favorable	Favorable.
48E*, 49E*:						
Donegan	Severe: slope.	Severe: piping.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Killet	Severe: slope.	Severe: piping.	Deep to water	Slope	Slope	Slope.
50E, 50G Dubakella	Severe: slope.	Severe: thin layer, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
51C Dumont	Moderate: slope.	Severe: hard to pack.	Deep to water	Slope	Favorable	Favorable.
52C*:						
Dumont	Moderate: seepage, slope.	Severe: hard to pack.	Deep to water	Slope	Favorable	Favorable.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
52C*:						
Coyata	Moderate: seepage, depth to rock, slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Large stones, depth to rock.	Large stones, droughty.
53E*, 53G*, 54E*, 54G*:						
Dumont	Severe: slope.	Severe: hard to pack.	Deep to water	Slope	Slope	Slope.
Coyata	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
55A Evans	Moderate: seepage.	Severe: piping.	Deep to water	Flooding	Erodes easily	Erodes easily.
56C Farva	Severe: seepage.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Large stones, droughty.
57E, 57G, 58E, 58G Farva	Severe: seepage, slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
59G*, 60G*:						
Farva	Severe: seepage, slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						
61A Foehlin	Slight	Slight	Deep to water	Favorable	Favorable	Favorable.
62C Freezener	Moderate: slope.	Slight	Deep to water	Slope	Favorable	Favorable.
63E, 64E Freezener	Severe: slope.	Slight	Deep to water	Slope	Slope	Slope.
65C*:						
Freezener	Moderate: slope.	Slight	Deep to water	Slope	Favorable	Favorable.
Geppert	Moderate: seepage, depth to rock, slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Large stones, droughty.
66E*, 66G*, 67E*, 67G*:						
Freezener	Severe: slope.	Slight	Deep to water	Slope	Slope	Slope.
Geppert	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
68C---------- Geppert	Moderate: seepage, depth to rock, slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Large stones, depth to rock.	Large stones, droughty.
69E, 69G, 70E, 70G---------- Geppert	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
71E, 71F, 72E, 72F---------- Goolaway	Severe: slope.	Severe: piping.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
73E*:						
Goolaway---------	Severe: slope.	Severe: piping.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
Pollard----------	Severe: slope.	Severe: hard to pack.	Deep to water	Droughty, percs slowly, slope.	Slope, percs slowly.	Slope, droughty, percs slowly.
74F, 74G, 75E, 75F, 75G--------- Gravecreek	Severe: slope.	Severe: thin layer.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
76A---------- Gregory	Moderate: depth to rock.	Severe: wetness.	Percs slowly---	Wetness, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
77F, 77G, 78F----- Greystoke	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones.	Slope, large stones.	Large stones, slope.
79E*, 80E*:						
Greystoke--------	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones.	Slope, large stones.	Large stones, slope.
Pinehurst--------	Severe: slope.	Severe: piping.	Deep to water	Slope----------	Slope----------	Slope.
81G---------- Heppsie	Severe: slope.	Severe: thin layer.	Deep to water	Slow intake, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.	Slope, depth to rock, percs slowly.
82G*:						
Heppsie----------	Severe: slope.	Severe: thin layer.	Deep to water	Slow intake, percs slowly, depth to rock.	Slope, depth to rock, percs slowly.	Slope, depth to rock, percs slowly.
McMullin---------	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
83E, 83G, 84E, 84G---------- Hobit	Severe: slope.	Moderate: thin layer, piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
85A Hoxie	Moderate: seepage.	Severe: piping, wetness.	Frost action	Wetness	Erodes easily, wetness.	Wetness, erodes easily.
86C Hukill	Moderate: depth to rock, slope.	Moderate: thin layer.	Deep to water	Slope	Favorable	Favorable.
87F, 87G, 88F Jayar	Severe: slope.	Severe: seepage, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
89E Jayar Variant	Severe: slope.	Severe: seepage, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
90E*, 91E*:						
Josephine	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
Pollard	Severe: slope.	Severe: hard to pack.	Deep to water	Droughty, percs slowly, slope.	Slope, percs slowly.	Slope, droughty, percs slowly.
92E*, 92F*, 93E*:						
Josephine	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
Speaker	Severe: slope.	Severe: thin layer.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
94G*, 95G*:						
Kanid	Severe: seepage, slope.	Severe: seepage, large stones.	Deep to water	Large stones, droughty, slope.	Slope, large stones.	Large stones, slope, droughty.
Atring	Severe: seepage, slope.	Severe: thin layer.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
96B Kanutchan	Moderate: depth to rock, slope.	Severe: hard to pack, wetness.	Percs slowly, slope.	Wetness, slow intake, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
97A Kerby	Severe: seepage.	Severe: piping.	Deep to water	Favorable	Erodes easily	Erodes easily.
98A Kerby	Moderate: seepage.	Severe: piping.	Favorable	Wetness	Erodes easily, wetness.	Erodes easily.
99A Klamath	Slight	Severe: hard to pack, wetness.	Percs slowly, flooding, frost action.	Wetness, percs slowly.	Wetness, percs slowly.	Wetness, percs slowly.
100A Kubli	Moderate: seepage.	Severe: wetness.	Percs slowly	Wetness, percs slowly.	Erodes easily, wetness, percs slowly.	Wetness, erodes easily, percs slowly.
100B Kubli	Moderate: seepage, slope.	Severe: wetness.	Percs slowly, slope.	Wetness, percs slowly, slope.	Erodes easily, wetness, percs slowly.	Wetness, erodes easily, percs slowly.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
101E Langellain	Severe: slope.	Severe: thin layer, wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, depth to rock, wetness.	Wetness, slope, depth to rock.
102B*:						
Langellain	Moderate: seepage, depth to rock, slope.	Severe: thin layer, wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Depth to rock, wetness.	Wetness, depth to rock.
Brader	Severe: depth to rock.	Severe: piping.	Deep to water	Depth to rock, slope.	Depth to rock	Depth to rock.
102D*, 103E*:						
Langellain	Severe: slope.	Severe: thin layer, wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, depth to rock, wetness.	Wetness, slope, depth to rock.
Brader	Severe: depth to rock, slope.	Severe: piping.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
104E, 105E Lettia	Severe: slope.	Moderate: thin layer, piping.	Deep to water	Slope, soil blowing.	Slope, soil blowing.	Slope.
106C Lobert	Moderate: seepage, slope.	Severe: piping.	Deep to water	Slope	Erodes easily	Erodes easily.
107E*:						
Lorella	Severe: depth to rock, slope.	Severe: thin layer, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Skookum	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
108B Manita	Moderate: depth to rock, slope.	Moderate: thin layer.	Deep to water	Slope	Favorable	Favorable.
108D, 108E, 108F Manita	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
109E*:						
Manita	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
Vannoy	Severe: slope.	Severe: thin layer.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
110E McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
111G*:						
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
McNull	Severe: slope.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
112F*:						
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Medco	Severe: slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, large stones, depth to rock.	Large stones, wetness, slope.
113E*, 113G*:						
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Rock outcrop.						
114E, 114G, 115E, 115G	Severe: slope.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
McNull						
116E*, 116G*, 117G*:						
McNull	Severe: slope.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
118E*, 119F*:						
McNull	Severe: slope.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Medco	Severe: slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, large stones, depth to rock.	Large stones, wetness, slope.
120B Medco	Moderate: depth to rock, slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Large stones, depth to rock.	Large stones, wetness.
120C, 121E, 122E, 123F, 124F Medco	Severe: slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, large stones, depth to rock.	Large stones, wetness, slope.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
125C*:						
Medco	Moderate: depth to rock, slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Large stones, depth to rock.	Large stones, wetness.
McMullin	Severe: depth to rock.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Large stones, depth to rock.	Large stones, depth to rock.
125F*:						
Medco	Severe: slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, large stones, depth to rock.	Large stones, wetness, slope.
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
126F*:						
Medco	Severe: slope.	Severe: wetness.	Percs slowly, depth to rock, slope.	Slope, wetness, percs slowly.	Slope, large stones, depth to rock.	Large stones, wetness, slope.
McNull	Severe: slope.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
127A Medford	Slight	Slight	Deep to water	Favorable	Favorable	Favorable.
128B Medford	Moderate: slope.	Moderate: wetness.	Deep to water	Slope	Favorable	Favorable.
129B Merlin	Severe: depth to rock.	Severe: thin layer.	Deep to water	Percs slowly, depth to rock, slope.	Depth to rock, percs slowly.	Depth to rock, percs slowly.
130E*, 131F*, 132F*:						
Musty	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Goolaway	Severe: slope.	Severe: piping.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
133A Newberg	Severe: seepage.	Severe: seepage, piping.	Deep to water	Flooding	Too sandy	Favorable.
134F*:						
Norling	Severe: slope.	Severe: thin layer.	Deep to water	Slope, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Acker	Severe: slope.	Moderate: piping.	Deep to water	Slope, droughty.	Slope	Slope, droughty.
135E, 135G, 136E Oatman	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
137C Oatman	Moderate: seepage, slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Large stones	Large stones, droughty.
138C*:						
Oatman	Moderate: seepage, slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Large stones	Large stones, droughty.
Otwin	Severe: seepage.	Severe: seepage, large stones.	Deep to water	Slope, large stones, depth to rock.	Large stones, depth to rock.	Large stones, depth to rock.
139A Padigan	Slight	Severe: hard to pack, ponding.	Ponding, percs slowly.	Ponding, slow intake, percs slowly.	Ponding, percs slowly.	Wetness, percs slowly.
140G*:						
Pearsoll	Severe: depth to rock, slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Dubakella	Severe: slope.	Severe: thin layer, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
141A Phoenix	Moderate: depth to rock.	Severe: hard to pack, wetness.	Percs slowly, depth to rock.	Wetness, slow intake, percs slowly.	Depth to rock, wetness, percs slowly.	Wetness, depth to rock, percs slowly.
142C Pinehurst	Moderate: slope.	Moderate: piping.	Deep to water	Slope	Favorable	Favorable.
143E, 144E Pinehurst	Severe: slope.	Moderate: piping.	Deep to water	Slope	Slope	Slope.
145C*:						
Pinehurst	Moderate: slope.	Severe: piping.	Deep to water	Slope	Favorable	Favorable.
Greystoke	Moderate: seepage, depth to rock, slope.	Severe: large stones.	Deep to water	Slope, large stones.	Large stones	Large stones.
146*. Pits						
147C*, 148C*:						
Pokegema	Moderate: depth to rock, slope.	Moderate: thin layer.	Deep to water	Slope	Favorable	Favorable.
Woodcock	Moderate: seepage, slope.	Severe: seepage.	Deep to water	Slope, large stones, droughty.	Large stones	Large stones, droughty.
149B Pollard	Moderate: slope.	Severe: hard to pack.	Deep to water	Droughty, percs slowly, slope.	Percs slowly	Droughty, percs slowly.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
149D Pollard	Severe: slope.	Severe: hard to pack.	Deep to water	Droughty, percs slowly, slope.	Slope, percs slowly.	Slope, droughty, percs slowly.
150E Provig	Severe: slope.	Severe: seepage.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, percs slowly.	Large stones, slope, droughty.
151C*:						
Provig	Severe: slope.	Severe: seepage.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, percs slowly.	Large stones, slope, droughty.
Agate	Severe: slope.	Severe: seepage.	Deep to water	Cemented pan, slope.	Slope, large stones, cemented pan.	Large stones, slope, cemented pan.
152B*:						
Randcore	Severe: depth to rock.	Severe: thin layer, ponding.	Ponding, depth to rock.	Ponding, depth to rock.	Depth to rock, ponding.	Wetness, depth to rock.
Shoat	Moderate: seepage, depth to rock.	Severe: piping.	Deep to water	Depth to rock	Depth to rock, erodes easily.	Erodes easily, depth to rock.
153B*:						
Reinecke	Severe: seepage.	Moderate: piping, large stones.	Deep to water	Soil blowing	Large stones, soil blowing.	Large stones.
Coyata	Moderate: seepage, depth to rock.	Severe: large stones.	Deep to water	Large stones, droughty.	Large stones, depth to rock.	Large stones, droughty.
154*. Riverwash						
155E, 155G, 156E, 156G Rogue	Severe: seepage, slope.	Moderate: thin layer, seepage, piping.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.
157B, 158B Ruch	Moderate: slope.	Slight	Deep to water	Slope	Erodes easily	Erodes easily.
158D Ruch	Severe: slope.	Slight	Deep to water	Slope	Slope, erodes easily.	Slope, erodes easily.
159C Rustlerpeak	Moderate: seepage, depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, large stones, depth to rock.	Large stones, depth to rock.	Large stones, depth to rock.
160E, 160G Rustlerpeak	Severe: slope.	Severe: thin layer.	Deep to water	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
161G*:						
Rustlerpeak	Severe: slope.	Severe: thin layer.	Deep to water	Slope, large stones, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
Rock outcrop.						
162B Selmac	Moderate: slope.	Severe: hard to pack, wetness.	Percs slowly, slope.	Wetness, droughty, percs slowly.	Wetness, percs slowly.	Droughty, percs slowly.
162D Selmac	Severe: slope.	Severe: hard to pack, wetness.	Percs slowly, slope.	Wetness, droughty, percs slowly.	Slope, wetness, percs slowly.	Slope, droughty, percs slowly.
163A Sevenoaks	Severe: seepage.	Severe: seepage.	Deep to water	Droughty, fast intake, rooting depth.	Too sandy	Droughty, rooting depth.
164B Shefflein	Moderate: depth to rock, slope.	Moderate: thin layer.	Deep to water	Slope	Favorable	Favorable.
164D, 165E, 166E Shefflein	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
167B Sibannac	Moderate: slope.	Severe: wetness.	Slope	Slope, wetness.	Wetness	Wetness.
168G, 169G Siskiyou	Severe: seepage, slope.	Severe: seepage.	Deep to water	Droughty, depth to rock, slope.	Slope, depth to rock.	Slope, droughty, depth to rock.
170C Skookum	Moderate: depth to rock, slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Large stones, depth to rock.	Large stones, droughty.
171E*, 172E*:						
Skookum	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Bogus	Severe: slope.	Moderate: hard to pack.	Deep to water	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
173D*, 173F*:						
Skookum	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						
McMullin	Severe: depth to rock, slope.	Severe: thin layer.	Deep to water	Slope, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, depth to rock.
174G*:						
Skookum	Severe: slope.	Severe: large stones.	Deep to water	Large stones, droughty, percs slowly.	Slope, large stones, depth to rock.	Large stones, slope, droughty.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
174G*:						
Rock outcrop.						
Rubble land.						
175F, 176F	Severe: slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
177C Snowlin	Moderate: slope.	Moderate: piping, large stones.	Deep to water	Slope	Large stones	Large stones.
178E Snowlin	Severe: slope.	Moderate: piping, large stones.	Deep to water	Slope	Slope, large stones.	Large stones, slope.
179F*:						
Speaker	Severe: slope.	Severe: thin layer.	Deep to water	Depth to rock, slope.	Slope, depth to rock.	Slope, depth to rock.
Josephine	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
180G, 181G Steinmetz	Severe: seepage, slope.	Severe: seepage, piping.	Deep to water	Slope, droughty, soil blowing.	Slope, soil blowing.	Slope, droughty.
182E, 183E Straight	Severe: slope.	Moderate: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
184G*, 185G*:						
Straight	Severe: slope.	Moderate: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Shippa	Severe: depth to rock, slope.	Severe: large stones.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
186H*:						
Tablerock	Severe: slope.	Severe: piping, large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.
Rock outcrop.						
187A Takilma	Severe: seepage.	Severe: seepage, large stones.	Deep to water	Large stones, droughty.	Large stones	Large stones, droughty.
188E, 188G, 189E, 189G Tallowbox	Severe: seepage, slope.	Severe: seepage.	Deep to water	Slope, droughty.	Slope, depth to rock.	Slope, droughty, depth to rock.
190E, 190G, 191E, 191G Tatouche	Severe: slope.	Slight	Deep to water	Slope	Slope	Slope.

See footnote at end of table.

TABLE 12.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for-- Pond reservoir areas	Embankments, dikes, and levees	Features affecting-- Drainage	Irrigation	Terraces and diversions	Grassed waterways
192A Terrabella	Slight	Severe: ponding.	Ponding, percs slowly.	Ponding, percs slowly.	Ponding, percs slowly.	Wetness, percs slowly.
193G, 194G Tethrick	Severe: slope.	Severe: piping.	Deep to water	Slope, droughty, soil blowing.	Slope, erodes easily, soil blowing.	Slope, erodes easily, droughty.
195E, 195F, 196E Vannoy	Severe: slope.	Severe: thin layer.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
197F*:						
Vannoy	Severe: slope.	Severe: thin layer.	Deep to water	Slope, depth to rock, erodes easily.	Slope, depth to rock, erodes easily.	Slope, erodes easily, depth to rock.
Voorhies	Severe: slope.	Severe: thin layer.	Deep to water	Large stones, droughty, depth to rock.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
198A Winlo	Severe: cemented pan.	Severe: seepage, large stones, ponding.	Ponding, percs slowly, cemented pan.	Large stones, ponding, droughty.	Large stones, cemented pan, ponding.	Large stones, wetness, droughty.
199C Wolfpeak	Moderate: slope.	Severe: piping.	Deep to water	Slope, soil blowing.	Soil blowing	Favorable.
200E, 201E Wolfpeak	Severe: slope.	Severe: piping.	Deep to water	Slope, soil blowing.	Slope, soil blowing.	Slope.
202F, 203F Woodcock	Severe: slope.	Severe: seepage.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.
204E*, 205E*, 206E*:						
Woodcock	Severe: slope.	Severe: seepage.	Deep to water	Slope, large stones, droughty.	Slope, large stones.	Large stones, slope, droughty.
Pokegema	Severe: slope.	Moderate: thin layer.	Deep to water	Slope	Slope	Slope.
207E*, 207G*:						
Woodseye	Severe: depth to rock, slope.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Slope, large stones, depth to rock.	Large stones, slope, droughty.
Rock outcrop.						
208C*:						
Xerorthents	Severe: seepage.	Severe: large stones.	Deep to water	Slope, large stones, droughty.	Large stones	Large stones, droughty.
Dumps.						

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

TABLE 13.--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: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
1B, 1C---------- Abegg	0-5	Gravelly loam----	GM, SM	A-4, A-2	0-15	55-80	50-70	40-65	30-50	25-35	NP-10
	5-22	Very gravelly clay loam, very gravelly loam.	GC	A-2	0-30	35-55	25-45	20-45	20-35	30-40	10-20
	22-66	Extremely gravelly loam, extremely gravelly clay loam, extremely cobbly clay loam.	GC, GP-GC	A-2	0-45	20-50	15-40	10-40	10-30	30-40	10-20
2A---------- Abin	0-18	Silty clay loam	ML, CL	A-6, A-7	0	100	85-100	80-100	70-95	35-45	10-20
	18-44	Silty clay loam, silty clay, clay.	CL, CH	A-7	0	100	75-100	70-100	65-95	45-55	20-30
	44-65	Silty clay loam	ML, CL	A-6, A-7	0	100	75-100	70-100	65-95	35-50	10-25
3E*, 4E*:											
Acker----------	0-8	Gravelly loam----	CL-ML, SM-SC, GM-GC	A-4	0-10	60-90	50-80	45-70	35-55	20-30	5-10
	8-17	Gravelly clay loam, cobbly loam, clay loam.	CL-ML, ML, SM-SC, SM	A-4	0-15	70-100	60-100	55-95	40-80	25-35	5-10
	17-60	Gravelly clay loam, clay loam.	CL, SC, GC	A-6, A-7	0-10	60-100	50-100	45-95	35-80	30-45	10-20
Dumont----------	0-4	Gravelly clay loam.	ML, SM, GM	A-7	0-15	65-85	60-80	55-80	40-65	40-50	10-15
	4-15	Clay loam, silty clay loam.	ML	A-7	0	90-100	90-100	80-95	65-90	40-50	10-15
	15-51	Clay, silty clay	MH, ML	A-7	0	90-100	90-100	85-95	70-85	45-60	10-20
	51-60	Clay loam--------	ML	A-7	0	85-100	85-95	65-85	50-80	40-50	10-15
5F*:											
Acker----------	0-8	Gravelly loam----	CL-ML, SM-SC, GM-GC	A-4	0-10	60-90	50-80	45-70	35-55	20-30	5-10
	8-17	Gravelly clay loam, cobbly loam, clay loam.	CL-ML, ML, SM-SC, SM	A-4	0-15	70-100	60-100	55-95	40-80	25-35	5-10
	17-60	Gravelly clay loam, clay loam.	CL, SC, GC	A-6, A-7	0-10	60-100	50-100	45-95	35-80	30-45	10-20
Norling---------	0-5	Very gravelly loam.	GM	A-2, A-4	0-10	45-65	35-50	30-50	25-40	25-35	NP-10
	5-22	Gravelly clay loam, clay loam, gravelly loam.	CL, GC, SC	A-6	0-15	60-95	50-90	45-90	40-70	30-45	10-20
	22-29	Very cobbly clay loam, very gravelly clay loam, very gravelly loam.	GC	A-2, A-6	10-30	55-65	45-55	35-50	30-40	30-45	10-20
	29	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
6B*:											
Agate----------	0-6	Loam----------	ML	A-4	0	80-100	75-100	65-95	50-75	25-35	NP-10
	6-25	Clay loam, loam, gravelly loam.	GM-GC, GC, CL	A-4, A-6	0-15	65-90	60-85	50-85	35-65	25-40	5-15
	25-30	Indurated--------	---	---	---	---	---	---	---	---	---
	30-62	Extremely gravelly coarse sandy loam, extremely gravelly loamy sand.	GW-GM, GM	A-1	15-45	15-45	10-40	5-30	5-15	---	NP
Winlo----------	0-4	Very gravelly clay loam.	GC	A-2, A-6, A-7	10-25	40-60	35-55	30-55	25-45	35-45	15-20
	4-9	Very gravelly clay.	GC	A-2, A-7	10-25	40-60	35-55	30-55	25-50	40-55	20-30
	9-17	Indurated--------	---	---	---	---	---	---	---	---	---
	17-60	Extremely gravelly coarse sandy loam, extremely gravelly loamy coarse sand.	GM, GP-GM	A-1	15-45	15-45	10-40	5-30	5-15	---	NP
7C*:											
Aspenlake-------	0-4	Stony loam-------	ML, SM, GM	A-4	15-30	70-95	65-90	55-85	40-70	20-35	NP-10
	4-26	Gravelly loam----	ML, SM, GM	A-4	0-15	60-80	55-75	45-70	35-55	20-35	NP-10
	26-60	Cemented---------	---	---	---	---	---	---	---	---	---
Whiteface-------	0-8	Cobbly loam------	GC, SC, CL	A-4, A-6	15-30	70-95	65-90	55-85	40-70	25-40	5-15
	8-16	Gravelly loam, gravelly clay loam.	ML, SM, GM	A-4, A-6, A-7	0-15	60-80	55-75	45-75	35-60	30-50	5-20
	16-23	Indurated--------	---	---	---	---	---	---	---	---	---
8A---------- Barhiskey	0-4	Gravelly loamy sand.	SM, SP-SM	A-1, A-2, A-3	0	65-85	55-75	30-55	5-20	---	NP
	4-60	Gravelly sand----	SP-SM	A-1	0-10	65-80	55-70	30-50	5-10	---	NP
9A---------- Barhiskey Variant	0-8	Gravelly loamy sand.	SM, SP-SM	A-1, A-2, A-3	0	65-85	55-75	30-55	5-20	---	NP
	8-60	Gravelly sand----	SP-SM	A-1	0-10	65-80	55-70	30-50	5-10	---	NP
10B, 10C--------- Barron	0-6	Coarse sandy loam	SM	A-2	0	90-100	85-95	50-65	25-35	---	NP
	6-60	Coarse sandy loam, sandy loam.	SM	A-2	0	90-100	85-95	50-65	25-35	---	NP
11G*, 12G*:											
Beekman---------	0-14	Gravelly loam----	GM, SM	A-2, A-4	0	60-85	50-75	40-70	30-50	25-30	NP-5
	14-28	Very gravelly loam, very gravelly clay loam, extremely gravelly loam.	GM	A-2, A-1	0-5	25-50	20-50	20-50	15-35	30-40	5-10
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
11G*, 12G*:											
Colestine-------	0-9	Gravelly loam----	ML, GM, SM	A-4	0	60-85	55-75	50-70	35-60	25-35	NP-10
	9-34	Gravelly loam, gravelly clay loam.	GC, CL, SC	A-6	0-25	70-80	65-80	55-75	40-65	30-40	10-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
13C*, 13E*:											
Bly----------	0-17	Loam----------	ML, SM	A-4	0	80-100	75-100	65-95	45-75	30-40	NP-10
	17-60	Clay loam, gravelly clay loam.	CL, SC, GC	A-6	0-15	65-90	60-85	55-85	40-70	35-40	20-25
Royst----------	0-11	Gravelly loam----	GM, ML, SM	A-4	0-5	60-90	55-85	45-80	35-65	25-30	NP-5
	11-21	Very gravelly clay loam, very cobbly clay loam.	GC, SC, CL	A-2, A-7	0-55	40-80	35-70	30-70	25-55	40-50	20-30
	21-23	Weathered bedrock	---	---	---	---	---	---	---	---	---
	23	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
14G---------- Bogus	0-15	Very gravelly loam.	GC, GM-GC	A-2	0-10	45-55	40-50	35-45	25-35	25-35	5-15
	15-21	Gravelly clay loam.	CL, GC	A-6	0-5	65-80	60-75	55-70	45-60	30-40	10-20
	21-65	Clay loam, clay	CL, CH	A-7	0-5	80-95	75-90	65-90	55-80	40-60	20-35
15C*:											
Bogus----------	0-15	Very gravelly loam.	GC, GM-GC	A-2	0-10	45-55	40-50	35-45	25-35	25-35	5-15
	15-21	Gravelly clay loam.	CL, GC	A-6	0-5	65-80	60-75	55-70	45-60	30-40	10-20
	21-65	Clay loam, clay	CL, CH	A-7	0-5	80-95	75-90	65-90	55-80	40-60	20-35
Skookum---------	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
16A*:											
Booth----------	0-15	Loam----------	ML	A-4	0-15	95-100	90-100	75-95	60-75	25-35	NP-10
	15-35	Clay, silty clay	CH	A-7	0-15	90-100	85-100	75-100	65-95	60-65	30-35
	35-37	Weathered bedrock	---	---	---	---	---	---	---	---	---
	37	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Kanutchan Variant--------	0-3	Clay----------	CH	A-7	0	95-100	95-100	85-100	70-95	50-70	30-45
	3-21	Clay----------	CH	A-7	0	95-100	95-100	85-100	70-95	50-70	30-45
	21	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
17C*, 17E*:											
Brader----------	0-6	Loam----------	ML	A-4	0-10	90-100	85-95	70-90	50-70	25-35	NP-10
	6-13	Loam, clay loam, gravelly loam.	ML	A-4, A-6	0-10	70-100	65-95	55-85	50-70	30-40	5-15
	13	Weathered bedrock	---	---	---	---	---	---	---	---	---
Debenger--------	0-9	Loam----------	ML	A-4	0	80-100	75-100	65-95	50-70	20-30	NP-5
	9-27	Clay loam, loam	CL, CL-ML	A-4, A-6	0	80-100	75-100	65-100	50-80	25-40	5-15
	27	Weathered bedrock	---	---	---	---	---	---	---	---	---
18C---------- Bybee	0-4	Loam----------	CL	A-6	0-10	90-100	85-100	80-95	65-75	30-35	10-15
	4-10	Clay loam--------	CL	A-6, A-7	0-10	90-100	85-100	75-100	60-80	35-45	15-25
	10-60	Clay, gravelly clay.	CL, CH	A-7	0-10	75-100	65-90	60-80	50-75	45-55	25-35
19E*, 20E*:											
Bybee----------	0-4	Loam----------	CL	A-6	0-10	90-100	85-100	80-95	65-75	30-35	10-15
	4-10	Clay loam--------	CL	A-6, A-7	0-10	90-100	85-100	75-100	60-80	35-45	15-25
	10-60	Clay, gravelly clay.	CL, CH	A-7	0-10	75-100	65-90	60-80	50-75	45-55	25-35
Tatouche--------	0-11	Gravelly loam----	SC, GC, GM-GC, SM-SC	A-4, A-6	0-15	65-80	60-75	55-70	40-50	25-35	5-15
	11-60	Clay, clay loam, gravelly clay loam.	CL	A-6, A-7	0-15	65-95	60-90	55-85	50-80	35-45	15-25
	60-73	Gravelly clay loam, clay loam.	CL, SC, GC	A-6	0-10	70-95	65-90	60-90	45-70	30-40	10-15
21A---------- Camas	0-10	Sandy loam-------	SM	A-2	0-5	95-100	90-100	55-70	25-35	---	NP
	10-60	Extremely gravelly coarse sand, very gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	5-25	25-50	15-40	10-25	0-10	---	NP
22A---------- Camas	0-10	Gravelly sandy loam.	GM, SM	A-1	0-15	60-70	50-70	25-50	15-25	---	NP
	10-60	Extremely gravelly coarse sand, very gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	5-25	25-50	15-40	10-25	0-10	---	NP
23A*:											
Camas----------	0-10	Gravelly sandy loam.	GM, SM	A-1	0-15	60-70	50-70	25-50	15-25	---	NP
	10-60	Extremely gravelly coarse sand, very gravelly sand, very gravelly loamy sand.	GP, GP-GM	A-1	5-25	25-50	15-40	10-25	0-10	---	NP

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
23A*:											
Newberg---------	0-17	Fine sandy loam	SM	A-4, A-2	0	100	100	60-85	30-50	20-25	NP-5
	17-30	Sandy loam, fine sandy loam, coarse sandy loam.	SM	A-2, A-4	0	75-100	75-100	40-85	25-50	20-25	NP-5
	30-60	Loamy sand, loamy fine sand, fine sand.	SM	A-1, A-2, A-4	0-10	80-100	80-100	45-85	15-40	---	NP
Evans----------	0-38	Loam----------	ML	A-4	0	95-100	90-100	75-95	55-75	20-25	NP-5
	38-60	Loam, silt loam, very fine sandy loam.	ML	A-4	0	95-100	90-100	75-95	50-75	20-25	NP-5
24C*, 24E*:											
Campfour--------	0-21	Loam----------	CL, CL-ML	A-4, A-6	0-10	90-100	80-100	70-95	50-75	20-40	5-15
	21-60	Clay loam, gravelly clay loam, cobbly clay loam.	ML, SM, GM	A-6, A-7	0-15	70-100	50-95	45-95	35-75	35-50	10-20
Paragon---------	0-13	Cobbly loam------	ML, SM	A-4	15-30	75-95	70-90	60-85	40-65	30-40	5-10
	13-25	Clay loam, cobbly clay loam, gravelly clay loam.	ML, SM	A-6, A-7	10-30	75-100	70-95	60-95	40-75	35-50	10-20
	25	Weathered bedrock	---	---	---	---	---	---	---	---	---
25G*, 26G*:											
Caris----------	0-7	Gravelly loam----	GM-GC, SM-SC	A-2, A-4	0	60-85	50-75	40-70	30-50	25-30	5-10
	7-31	Very gravelly loam, very gravelly clay loam, extremely gravelly loam.	GM, GC	A-2, A-1	0-5	25-50	20-50	20-50	15-35	30-40	5-15
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Offenbacher-----	0-9	Gravelly loam----	ML, GM, CL-ML, GM-GC	A-4	0	60-85	55-75	50-70	35-60	25-35	5-10
	9-34	Loam, gravelly loam, gravelly clay loam.	CL, SC, GC	A-6	0-15	70-90	60-90	45-70	40-65	30-40	10-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
27B, 27D--------- Carney	0-6	Clay----------	CH	A-7	0-15	95-100	90-100	80-100	70-95	55-65	40-50
	6-35	Clay----------	CH	A-7	0-15	95-100	90-100	80-100	70-95	55-65	40-50
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
28D, 28E, 29D, 29E---------- Carney	0-6	Cobbly clay------	CH	A-7	15-30	75-95	70-90	65-90	55-85	55-65	40-50
	6-35	Clay----------	CH	A-7	0-15	95-100	90-100	80-100	70-95	55-65	40-50
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
30E*:											
Carney----------	0-6	Cobbly clay------	CH	A-7	15-30	75-95	70-90	65-90	55-85	55-65	40-50
	6-35	Clay----------	CH	A-7	0-15	95-100	90-100	80-100	70-95	55-65	40-50
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
Tablerock-------	0-3	Gravelly loam----	SM-SC, SC	A-4, A-6	0-10	75-85	65-75	55-65	40-50	25-35	5-15
	3-20	Very cobbly clay loam, very cobbly clay.	SC, GC	A-2, A-6, A-7	25-45	55-75	45-65	40-60	30-50	35-50	15-25
	20-38	Very cobbly clay	CL, CH, GC	A-7	25-55	60-85	50-75	45-70	40-60	45-65	25-45
	38-65	Gravelly clay loam, gravelly loam, very cobbly clay loam.	SM, GM, ML	A-4, A-6	10-30	65-85	55-75	50-70	35-55	30-40	5-15
	65	Weathered bedrock	---	---	---	---	---	---	---	---	---
31A---------- Central Point	0-30	Sandy loam-------	SM	A-4, A-2	0	85-100	75-100	55-75	30-50	20-25	NP-5
	30-49	Sandy loam-------	SM	A-4, A-2, A-1	0	85-100	75-100	40-70	20-40	20-25	NP-5
	49-67	Gravelly sandy loam, gravelly loamy sand.	SM	A-2, A-1	0	95-100	55-75	30-55	10-25	---	NP
32B---------- Clawson	0-10	Sandy loam-------	SM	A-2, A-4	0	100	100	60-70	30-40	---	NP
	10-60	Sandy loam, coarse sandy loam.	SM	A-2, A-4	0	100	90-100	55-70	25-40	---	NP
33A, 33C--------- Coker	0-33	Clay----------	CH	A-7	0-10	95-100	85-100	85-95	80-90	65-75	45-55
	33-70	Clay----------	CH	A-7	0-10	95-100	85-100	85-95	80-90	65-75	45-55
34B---------- Coleman	0-8	Loam----------	CL	A-6	0	90-100	85-100	70-95	50-75	30-40	10-15
	8-20	Clay loam--------	CL	A-6, A-7	0	80-100	75-100	70-100	50-80	35-45	15-20
	20-40	Clay, gravelly clay.	CH, GC	A-7	0-10	60-100	55-100	50-100	40-95	50-60	30-35
	40-65	Clay loam, gravelly clay loam, very gravelly clay loam.	SC, CL, GC	A-6, A-7	0-15	40-95	35-90	30-90	25-70	35-45	15-20
35A---------- Cove	0-7	Clay----------	CH	A-7	0	100	100	90-100	75-95	60-80	40-50
	7-60	Clay, silty clay	CH	A-7	0	100	100	90-100	75-95	60-80	40-50
36G*, 37G*:											
Coyata----------	0-11	Very stony loam	SM-SC, SM, GM, GM-GC	A-4, A-2	40-55	60-90	45-80	40-70	30-50	25-35	5-10
	11-31	Very cobbly clay loam, extremely cobbly clay loam, very cobbly loam.	GC	A-6, A-2	45-55	40-60	35-55	30-50	25-40	30-40	10-15
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
38C*, 39E*, 40E*:											
Crater Lake-----	0-5	Sandy loam-------	SM	A-5	0-5	90-100	85-100	55-70	35-45	40-50	NP-5
	5-22	Fine sandy loam, very fine sandy loam, sandy loam.	SM, ML, MH	A-5	0-5	90-100	85-100	55-90	35-60	45-55	NP-5
	22-60	Fine sandy loam, sandy loam, gravelly sandy loam.	SM	A-2, A-5	0-15	80-100	60-100	40-80	25-50	40-50	NP-5
Alcot----------	0-11	Gravelly sandy loam.	SM	A-2, A-4	5-10	70-95	60-85	40-60	25-40	30-40	NP-5
	11-60	Very cobbly sandy loam, very cobbly loamy sand, extremely cobbly loamy sand.	SM, GM, GP-GM, SP-SM	A-1	30-50	45-80	35-70	20-45	5-25	30-40	NP-5
41G*, 42G*:											
Crater Lake-----	0-5	Sandy loam-------	SM	A-5	0-5	90-100	85-100	55-70	35-45	40-50	NP-5
	5-22	Fine sandy loam, very fine sandy loam, sandy loam.	SM, ML, MH	A-5	0-5	90-100	85-100	55-90	35-60	45-55	NP-5
	22-60	Fine sandy loam, sandy loam, gravelly sandy loam.	SM	A-2, A-5	0-15	80-100	60-100	40-80	25-50	40-50	NP-5
Rock outcrop.											
43B, 43D, 43E----	0-12	Silty clay loam	CL	A-6, A-7	0	95-100	90-100	85-100	80-95	30-45	10-20
Darow	12-32	Silty clay, clay	CL, CH	A-7	0	95-100	90-100	85-100	75-95	45-60	25-40
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
44C*, 44E*:											
Debenger--------	0-9	Loam----------	ML	A-4	0	80-100	75-100	65-95	50-70	20-30	NP-5
	9-27	Clay loam, loam	CL, CL-ML	A-4, A-6	0	80-100	75-100	65-100	50-80	25-40	5-15
	27	Weathered bedrock	---	---	---	---	---	---	---	---	---
Brader----------	0-6	Loam----------	ML	A-4	0-10	90-100	85-95	70-90	50-70	25-35	NP-10
	6-13	Loam, clay loam, gravelly loam.	ML	A-4, A-6	0-10	70-100	65-95	55-85	50-70	30-40	5-15
	13	Weathered bedrock	---	---	---	---	---	---	---	---	---
45G, 46G--------- Donegan	0-22	Gravelly loam----	ML, SM, GM, CL-ML	A-4	10-15	60-90	55-85	45-80	35-65	25-35	5-10
	22-32	Extremely gravelly loam, very cobbly loam, extremely gravelly clay loam.	GM, SM	A-2, A-6, A-7	25-55	30-70	25-65	20-60	15-50	35-45	10-15
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
47C*, 48E*, 49E*:											
Donegan---------	0-22	Gravelly loam----	ML, SM, GM, CL-ML	A-4	10-15	60-90	55-85	45-80	35-65	25-35	5-10
	22-32	Extremely gravelly loam, very cobbly loam, extremely gravelly clay loam.	GM, SM	A-2, A-6, A-7	25-55	30-70	25-65	20-60	15-50	35-45	10-15
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
Killet----------	0-18	Gravelly loam----	ML, SM, GM, CL-ML	A-4	0-15	65-80	60-75	50-70	35-55	25-35	5-10
	18-60	Gravelly clay loam, cobbly clay loam, clay loam.	GM, SM, ML	A-6, A-7	5-15	60-95	55-90	50-90	35-70	35-45	10-15
50E, 50G--------- Dubakella	0-11	Very stony clay loam.	SC, SM-SC, CL, CL-ML	A-4, A-6	25-40	85-95	70-85	60-70	40-60	25-40	5-15
	11-31	Very gravelly clay loam, very gravelly clay, very cobbly clay.	GC, SC	A-7, A-2	10-30	50-75	35-60	35-60	30-50	40-55	20-30
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
51C---------- Dumont	0-4	Gravelly clay loam.	ML, SM, GM	A-7	0-15	65-85	60-80	55-80	40-65	40-50	10-15
	4-15	Clay loam, silty clay loam.	ML	A-7	0	90-100	90-100	80-95	65-90	40-50	10-15
	15-51	Clay, silty clay	MH, ML	A-7	0	90-100	90-100	85-95	70-85	45-60	10-20
	51-60	Clay loam--------	ML	A-7	0	85-100	85-95	65-85	50-80	40-50	10-15
52C*, 53E*, 53G*, 54E*, 54G*:											
Dumont---------	0-9	Gravelly loam----	ML, SM, GM	A-4	0-15	65-85	60-80	55-70	35-60	35-40	5-10
	9-18	Clay loam, silty clay loam.	ML	A-7	0	90-100	90-100	80-95	65-90	40-50	10-15
	18-68	Clay, silty clay	MH, ML	A-7	0	90-100	90-100	85-95	70-85	45-60	10-20
Coyata---------	0-11	Gravelly loam----	SM-SC, SM, GM, GM-GC	A-4	0-15	70-80	60-75	50-65	40-50	25-35	5-10
	11-31	Very cobbly clay loam, extremely cobbly clay loam, very cobbly loam.	GC	A-6, A-2	45-55	40-60	35-55	30-50	25-40	30-40	10-15
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
55A---------- Evans	0-38	Loam----------	ML	A-4	0	95-100	90-100	75-95	55-75	20-25	NP-5
	38-60	Loam, silt loam, very fine sandy loam.	ML	A-4	0	95-100	90-100	75-95	50-75	20-25	NP-5

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
56C, 57E, 57G, 58E, 58G-------- Farva	0-12	Very cobbly loam	GM, SM	A-4	40-55	60-90	50-80	40-65	35-50	15-25	NP-5
	12-35	Extremely cobbly loam, very cobbly loam.	GM, SM	A-2, A-4	45-70	40-75	30-65	25-60	20-50	20-25	NP-5
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
59G*, 60G*:											
Farva----------	0-12	Very cobbly loam	GM, SM	A-4	40-55	60-90	50-80	40-65	35-50	15-25	NP-5
	12-35	Extremely cobbly loam, very cobbly loam.	GM, SM	A-2, A-4	45-70	40-75	30-65	25-60	20-50	20-25	NP-5
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rock outcrop.											
61A---------- Foehlin	0-4	Gravelly loam----	ML, GM, SM	A-4	0	60-90	55-75	50-70	40-55	30-35	5-10
	4-60	Gravelly clay loam, clay loam.	CL, GC, SC	A-6	0-10	60-90	55-85	50-85	40-70	35-40	15-20
62C, 63E, 64E---- Freezener	0-9	Gravelly loam----	CL-ML, ML, SM-SC, SM	A-4	0-10	75-85	65-75	55-70	45-55	25-35	5-10
	9-18	Clay loam--------	CL	A-6	0-10	90-100	85-100	75-95	60-80	30-40	10-15
	18-60	Clay, clay loam, silty clay.	CL	A-6, A-7	0-10	90-100	85-100	75-95	65-90	35-50	15-30
65C*, 66E*, 66G*, 67E*, 67G*:											
Freezener------	0-9	Gravelly loam----	CL-ML, ML, SM-SC, SM	A-4	0-10	75-85	65-75	55-70	45-55	25-35	5-10
	9-18	Clay loam--------	CL	A-6	0-10	90-100	85-100	75-95	60-80	30-40	10-15
	18-60	Clay, clay loam, silty clay.	CL	A-6, A-7	0-10	90-100	85-100	75-95	65-90	35-50	15-30
Geppert--------	0-13	Very cobbly loam	GM, SM, SM-SC, GM-GC	A-4	40-50	60-80	55-70	50-65	35-45	25-35	5-10
	13-30	Extremely cobbly clay loam, extremely cobbly loam, very cobbly clay loam.	GC, SC	A-6	55-75	65-80	55-70	50-65	40-50	30-40	10-15
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
68C, 69E, 69G, 70E, 70G-------- Geppert	0-13	Very cobbly loam	GM, SM, SM-SC, GM-GC	A-4	40-50	60-80	55-70	50-65	35-45	25-35	5-10
	13-30	Extremely cobbly clay loam, extremely cobbly loam, very cobbly clay loam.	GC, SC	A-6	55-75	65-80	55-70	50-65	40-50	30-40	10-15
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
71E, 71F, 72E, 72F---------- Goolaway	0-11	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	11-29	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	29	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
73E*:											
Goolaway--------	0-11	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	11-29	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	29	Weathered bedrock	---	---	---	---	---	---	---	---	---
Pollard---------	0-11	Loam----------	ML, CL	A-6	0-15	85-95	85-95	70-80	60-70	35-40	10-15
	11-61	Clay, silty clay, clay loam.	MH, ML	A-7	0	90-100	75-100	70-95	65-90	45-55	15-20
74F, 74G--------- Gravecreek	0-7	Gravelly loam----	GM, SM	A-4	10-15	65-85	55-75	45-70	35-50	25-35	NP-10
	7-29	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	15-30	45-65	35-55	30-50	25-40	35-45	10-20
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
75E, 75F, 75G---- Gravecreek	0-7	Cobbly loam------	SM	A-4	15-25	80-90	70-80	60-70	40-55	25-35	NP-10
	7-29	Very gravelly clay loam, very cobbly clay loam.	GM, GC	A-2, A-6, A-7	15-30	45-65	35-55	30-50	25-40	35-45	10-20
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
76A---------- Gregory	0-7	Silty clay loam	CL	A-6	0	95-100	90-100	85-100	75-95	30-40	10-15
	7-44	Clay loam, clay	CL	A-7	0	80-100	75-100	70-95	60-90	40-50	15-25
	44-50	Sandy clay loam, clay loam.	SC, SM-SC	A-4, A-6	0	80-100	75-100	65-85	35-50	25-35	5-15
	50	Weathered bedrock	---	---	---	---	---	---	---	---	---
77F, 77G, 78F---- Greystoke	0-3	Stony loam-------	ML, GM, SM	A-4	15-45	60-90	55-85	45-80	35-65	25-40	NP-10
	3-23	Cobbly clay loam, very cobbly loam, very gravelly loam.	ML, SM, GM	A-2, A-4	15-45	45-90	40-85	35-85	25-65	25-40	NP-10
	23-42	Very cobbly clay loam, very gravelly clay loam, extremely gravelly clay loam.	GM	A-2, A-6, A-7	15-45	35-60	30-55	25-55	20-45	35-50	10-20
	42	Weathered bedrock	---	---	---	---	---	---	---	---	---
79E*, 80E*:											
Greystoke-------	0-3	Stony loam-------	ML, GM, SM	A-4	15-45	60-90	55-85	45-80	35-65	25-40	NP-10
	3-23	Cobbly clay loam, very cobbly loam, very gravelly loam.	ML, SM, GM	A-2, A-4	15-45	45-90	40-85	35-85	25-65	25-40	NP-10
	23-42	Very cobbly clay loam, very gravelly clay loam, extremely gravelly clay loam.	GM	A-2, A-6, A-7	15-45	35-60	30-55	25-55	20-45	35-50	10-20
	42	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
79E*, 80E*:											
Pinehurst-------	0-15	Loam----------	ML	A-4	0-10	85-100	80-100	70-95	50-75	25-35	NP-5
	15-60	Clay loam, gravelly clay loam, cobbly clay loam.	ML, GM, SM	A-6, A-7	0-15	65-100	60-95	55-95	40-75	35-50	10-20
81G----------	0-15	Clay----------	CH	A-7	0-10	90-100	85-100	75-100	65-95	50-60	25-35
Heppsie	15-24	Gravelly clay----	CH	A-7	0-15	70-85	60-75	55-75	50-70	50-60	25-35
	24	Weathered bedrock	---	---	---	---	---	---	---	---	---
82G*:											
Heppsie---------	0-15	Clay----------	CH	A-7	0-10	90-100	85-100	75-100	65-95	50-60	25-35
	15-24	Gravelly clay----	CH	A-7	0-15	70-85	60-75	55-75	50-70	50-60	25-35
	24	Weathered bedrock	---	---	---	---	---	---	---	---	---
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
83E, 83G, 84E, 84G----------	0-18	Loam----------	MH	A-5	0	80-100	75-100	70-90	50-70	50-65	NP-10
Hobit	18-35	Loam, clay loam, gravelly clay loam.	MH	A-5	0-15	75-100	65-90	55-85	50-70	50-65	NP-10
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
85A----------	0-14	Silt loam--------	ML	A-4, A-5	0	100	90-100	85-100	75-90	35-50	NP-10
Hoxie	14-65	Silt loam, very fine sandy loam, silty clay loam.	ML	A-4, A-5	0	100	85-100	80-100	75-95	35-50	NP-10
86C----------	0-2	Gravelly loam----	SM, SM-SC	A-4	0	70-85	60-75	50-65	40-50	25-35	5-10
Hukill	2-6	Gravelly clay loam.	SM, ML	A-6	0	70-85	60-75	55-70	45-55	35-40	10-15
	6-42	Gravelly clay, clay, gravelly clay loam.	CL	A-7	0	70-100	60-100	60-90	50-80	40-50	15-25
	42	Weathered bedrock	---	---	---	---	---	---	---	---	---
87F, 87G, 88F----	0-5	Very gravelly loam.	GM	A-1, A-2	0-30	30-55	25-50	20-45	15-35	---	NP
Jayar	5-24	Very gravelly loam, very gravelly clay loam, very cobbly loam.	GM	A-1, A-2	0-45	30-55	25-50	20-45	15-35	30-40	NP-10
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
89E---------- Jayar Variant	0-8	Very gravelly loam.	GM, GM-GC, GC	A-1, A-2	0-30	30-55	25-50	20-45	15-35	20-30	NP-10
	8-24	Very gravelly loam, very gravelly clay loam, very cobbly loam.	GC	A-2	0-45	30-55	25-50	20-45	15-35	30-40	10-15
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
90E*, 91E*:											
Josephine-------	0-15	Gravelly loam----	SM, GM	A-6	0	60-80	50-75	35-60	35-50	35-40	10-15
	15-55	Clay loam, gravelly clay loam.	CL, GC, SC	A-7	0	65-100	50-100	45-85	40-75	40-45	15-20
	55	Weathered bedrock	---	---	---	---	---	---	---	---	---
Pollard---------	0-11	Loam----------	ML, CL	A-6	0-15	85-95	85-95	70-80	60-70	35-40	10-15
	11-61	Clay, silty clay, clay loam.	MH, ML	A-7	0	90-100	75-100	70-95	65-90	45-55	15-20
92E*, 92F*, 93E*:											
Josephine-------	0-15	Gravelly loam----	SM, GM	A-6	0	60-80	50-75	35-60	35-50	35-40	10-15
	15-55	Clay loam, gravelly clay loam.	CL, GC, SC	A-7	0	65-100	50-100	45-85	40-75	40-45	15-20
	55	Weathered bedrock	---	---	---	---	---	---	---	---	---
Speaker---------	0-13	Loam----------	ML	A-4	0	95-100	90-100	80-95	60-70	25-30	NP-5
	13-35	Gravelly clay loam, loam, clay loam.	CL, SC, GC	A-6	0-5	60-100	55-100	45-90	35-70	30-40	10-20
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
94G*, 95G*:											
Kanid----------	0-18	Very gravelly loam.	GM	A-1, A-2	0-20	40-60	25-45	20-40	15-30	20-30	NP-5
	18-47	Very gravelly clay loam, very gravelly loam, extremely gravelly loam.	GM	A-1, A-2	10-40	30-60	25-40	20-35	15-30	25-35	NP-10
	47	Weathered bedrock	---	---	---	---	---	---	---	---	---
Atring----------	0-7	Very gravelly loam.	GM, SM	A-2, A-4	0-15	35-65	25-55	20-50	15-40	25-30	NP-5
	7-40	Very gravelly loam, very gravelly silt loam, very gravelly clay loam.	GM	A-2, A-4	15-30	40-60	35-55	30-55	20-50	25-40	NP-10
	40	Weathered bedrock	---	---	---	---	---	---	---	---	---
96B---------- Kanutchan	0-20	Clay----------	CH	A-7	0-10	90-100	85-100	75-100	65-95	50-65	35-50
	20-46	Clay----------	CH	A-7	0-10	90-100	85-100	75-100	65-95	50-65	35-50
	46	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
97A---------- Kerby	0-7	Loam----------	ML, SM	A-4	0-5	85-100	75-100	65-95	45-75	20-30	NP-5
	7-54	Loam, gravelly loam, clay loam.	ML, SM	A-4	0-10	75-100	65-95	55-90	40-70	25-40	NP-10
	54-60	Very gravelly sand, very gravelly sandy loam, extremely gravelly sandy loam.	GM, GW-GM, GP, GP-GM	A-1	0-10	20-60	15-50	10-35	0-20	---	NP
98A---------- Kerby	0-15	Loam----------	ML, SM	A-4	0	85-100	75-100	65-95	45-75	25-30	NP-5
	15-55	Clay loam, loam	ML	A-4	0	90-100	85-100	75-100	60-80	30-40	NP-10
	55-60	Loam, gravelly loam, very gravelly loam.	ML, SM, GM	A-4, A-2	0-10	45-100	40-100	35-95	25-75	25-30	NP-5
99A---------- Klamath	0-3	Silt loam--------	MH, ML	A-5	0	100	100	90-100	70-90	40-60	NP-10
	3-37	Silty clay, clay	MH, CH	A-7	0	100	100	95-100	85-95	50-70	20-40
	37-62	Silty clay loam, silty clay, clay loam.	ML, MH, CH	A-7	0	100	100	95-100	80-90	40-60	10-30
100A, 100B------- Kubli	0-15	Loam----------	CL, CL-ML	A-4, A-6	0	80-100	75-100	70-90	50-75	20-30	5-15
	15-31	Loam----------	CL, CL-ML	A-4, A-6	0	80-100	75-100	70-90	50-75	20-30	5-15
	31-60	Clay, clay loam	CL, CH	A-7	0	80-100	75-100	70-95	60-95	40-55	20-30
101E---------- Langellain	0-10	Loam----------	CL-ML, CL	A-4, A-6	0	100	90-100	75-85	55-70	20-35	5-15
	10-21	Loam, clay loam	CL	A-6	0	100	90-100	75-90	55-75	25-40	10-20
	21-38	Clay----------	CH	A-7	0	100	100	95-100	90-95	50-65	25-40
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
102B*, 102D*, 103E*:											
Langellain-----	0-10	Loam----------	CL-ML, CL	A-4, A-6	0	100	90-100	75-85	55-70	20-35	5-15
	10-21	Loam, clay loam	CL	A-6	0	100	90-100	75-90	55-75	25-40	10-20
	21-38	Clay----------	CH	A-7	0	100	100	95-100	90-95	50-65	25-40
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
Brader---------	0-6	Loam----------	ML	A-4	0-10	90-100	85-95	70-90	50-70	25-35	NP-10
	6-13	Loam, clay loam, gravelly loam.	ML	A-4, A-6	0-10	70-100	65-95	55-85	50-70	30-40	5-15
	13	Weathered bedrock	---	---	---	---	---	---	---	---	---
104E, 105E------- Lettia	0-3	Sandy loam-------	SM, SM-SC	A-2, A-4	0	100	95-100	60-70	30-40	15-25	NP-5
	3-55	Loam, sandy clay loam, clay loam.	CL, SC	A-6	0	80-100	75-100	60-85	45-75	30-35	10-15
	55	Weathered bedrock	---	---	---	---	---	---	---	---	---
106C---------- Lobert	0-20	Sandy loam-------	SM	A-4, A-2	0	85-100	75-85	60-70	30-40	---	NP
	20-60	Loam, fine sandy loam, sandy loam.	ML, SM	A-4	0	85-100	75-100	65-95	35-60	---	NP

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
107E*:											
Lorella---------	0-5	Extremely stony loam.	GM, ML, SM	A-2, A-4	50-70	55-95	50-90	40-85	30-70	20-30	NP-5
	5-9	Gravelly clay loam, very cobbly clay loam.	GC, CL	A-6	5-30	55-80	55-75	45-75	35-60	35-40	15-20
	9-17	Very gravelly clay, very cobbly clay, very cobbly clay loam.	GC	A-2, A-6, A-7	15-50	35-55	35-50	25-45	20-40	35-50	15-25
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Skookum---------	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
108B, 108D, 108E, 108F---------- Manita	0-8	Loam----------	ML	A-4	0	85-100	75-100	65-95	50-75	25-35	NP-10
	8-58	Clay loam, silty clay, clay.	CL	A-7	0	85-100	75-100	65-100	55-95	40-50	20-25
	58	Weathered bedrock	---	---	---	---	---	---	---	---	---
109E*:											
Manita----------	0-8	Loam----------	ML	A-4	0	85-100	75-100	65-95	50-75	25-35	NP-10
	8-58	Clay loam, silty clay, clay.	CL	A-7	0	85-100	75-100	65-100	55-95	40-50	20-25
	58	Weathered bedrock	---	---	---	---	---	---	---	---	---
Vannoy----------	0-11	Silt loam--------	ML, CL-ML, CL	A-4	0-5	85-100	75-100	70-100	55-90	25-35	5-10
	11-38	Clay loam--------	CL	A-7	0-10	90-100	90-100	75-85	60-75	40-45	20-25
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
110E---------- McMullin	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
111G*:											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
111G*:											
McNull----------	0-6	Gravelly loam----	SC, SM-SC	A-4, A-6	0-10	60-80	55-75	50-70	35-50	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
112F*:											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Medco----------	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
113E*, 113G*:											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
114E, 114G------- McNull	0-6	Loam----------	CL, CL-ML	A-4, A-6	0-10	90-100	85-100	75-95	55-75	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
115E, 115G------- McNull	0-6	Gravelly loam----	SC, SM-SC	A-4, A-6	0-10	60-80	55-75	50-70	35-50	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
116E*, 116G*:											
McNull----------	0-6	Gravelly loam----	SC, SM-SC	A-4, A-6	0-10	60-80	55-75	50-70	35-50	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
117G*:											
McNull----------	0-6	Loam----------	CL, CL-ML	A-4, A-6	0-10	90-100	85-100	75-95	55-75	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
117G*:											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
118E*:											
McNull----------	0-6	Gravelly loam----	SC, SM-SC	A-4, A-6	0-10	60-80	55-75	50-70	35-50	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
Medco----------	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
119F*:											
McNull----------	0-6	Loam----------	CL, CL-ML	A-4, A-6	0-10	90-100	85-100	75-95	55-75	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
Medco----------	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-13	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	13-35	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
120B, 120C------- Medco	0-7	Clay loam--------	CL, ML	A-6, A-7	0-10	90-100	85-100	75-95	60-80	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
121E, 122E------- Medco	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
123F, 124F------- Medco	0-7	Clay loam--------	CL, ML	A-6, A-7	0-10	90-100	85-100	75-95	60-80	35-45	10-20
	7-13	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	13-35	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
125C*, 125F*:											
Medco----------	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
125C*, 125F*:											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
126F*:											
Medco----------	0-7	Cobbly clay loam	CL, ML	A-6, A-7	15-30	80-95	75-90	60-85	50-65	35-45	10-20
	7-12	Cobbly clay loam, clay loam.	CL	A-7	5-30	85-95	80-95	70-85	55-70	40-50	15-25
	12-30	Clay, cobbly clay	CH	A-7	0-20	80-95	75-95	65-85	55-80	55-65	30-40
	30	Weathered bedrock	---	---	---	---	---	---	---	---	---
McNull----------	0-6	Loam----------	CL, CL-ML	A-4, A-6	0-10	90-100	85-100	75-95	55-75	20-35	5-15
	6-32	Clay loam, clay, cobbly clay.	CL, CH	A-7	15-30	75-95	70-90	65-85	55-80	40-55	20-30
	32	Weathered bedrock	---	---	---	---	---	---	---	---	---
127A---------- Medford	0-12	Silty clay loam	CL	A-6	0-10	90-100	80-100	75-100	55-85	35-40	15-20
	12-22	Silty clay loam, clay loam, silty clay.	CL	A-7	0-10	90-100	80-100	75-100	70-95	40-50	20-25
	22-53	Silty clay loam, clay loam, clay.	CL	A-7	0-10	90-100	80-100	75-100	70-95	40-50	20-25
	53-71	Stratified sandy clay loam to silty clay loam.	SC, CL	A-6	0-10	90-100	80-100	60-100	40-80	30-40	10-20
128B---------- Medford	0-9	Clay loam--------	CL	A-6	0-10	90-100	80-100	75-100	55-85	35-40	15-20
	9-40	Clay loam, clay	CL	A-7	0-10	90-100	80-100	75-100	70-95	40-50	20-25
	40-62	Very gravelly clay loam.	GC	A-6, A-2	15-30	45-65	35-60	30-60	25-50	35-40	15-20
129B---------- Merlin	0-11	Extremely stony loam.	GM-GC	A-2	30-55	50-60	30-40	25-35	20-30	20-30	5-10
	11-13	Clay----------	CH	A-7	0-5	80-100	75-100	70-100	65-95	55-80	30-55
	13	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
130E*, 131F*, 132F*:											
Musty----------	0-12	Gravelly loam----	GM, SM, ML	A-4, A-2	5-15	55-80	50-75	40-70	30-55	20-30	NP-5
	12-29	Very cobbly loam, extremely cobbly loam.	GM	A-4, A-2, A-1	30-50	40-60	35-55	30-50	20-40	25-35	NP-10
	29	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Goolaway-------	0-11	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	11-29	Silt loam--------	ML, CL-ML	A-4	0	100	90-100	90-95	75-90	25-35	5-10
	29	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
133A---------- Newberg	0-17	Fine sandy loam	SM	A-4, A-2	0	100	100	60-85	30-50	20-25	NP-5
	17-30	Sandy loam, fine sandy loam, coarse sandy loam.	SM	A-2, A-4	0	75-100	75-100	40-85	25-50	20-25	NP-5
	30-60	Loamy sand, loamy fine sand, fine sand.	SM	A-1, A-2, A-4	0-10	80-100	80-100	45-85	15-40	---	NP
134F*:											
Norling---------	0-5	Very gravelly loam.	GM	A-2, A-4	0-10	45-65	35-50	30-50	25-40	25-35	NP-10
	5-22	Gravelly clay loam, clay loam, gravelly loam.	CL, GC, SC	A-6	0-15	60-95	50-90	45-90	40-70	30-45	10-20
	22-29	Very cobbly clay loam, very gravelly clay loam, very gravelly loam.	GC	A-2, A-6	10-30	55-65	45-55	35-50	30-40	30-45	10-20
	29	Weathered bedrock	---	---	---	---	---	---	---	---	---
Acker----------	0-8	Gravelly loam----	CL-ML, SM-SC, GM-GC	A-4	0-10	60-90	50-80	45-70	35-55	20-30	5-10
	8-17	Gravelly clay loam, cobbly loam, clay loam.	CL-ML, ML, SM-SC, SM	A-4	0-15	70-100	60-100	55-95	40-80	25-35	5-10
	17-60	Gravelly clay loam, clay loam.	CL, SC, GC	A-6, A-7	0-10	60-100	50-100	45-95	35-80	30-45	10-20
135E, 135G, 136E, 137C---------- Oatman	0-16	Cobbly loam------	SM, ML	A-4	15-25	75-95	65-90	55-80	40-65	20-30	NP-5
	16-60	Very cobbly sandy loam, very gravelly loam, extremely cobbly loam.	SM, GM	A-4, A-2	30-45	55-80	45-70	30-55	20-45	20-30	NP-5
138C*:											
Oatman----------	0-16	Cobbly loam------	SM, ML	A-4	15-25	75-95	65-90	55-80	40-65	20-30	NP-5
	16-60	Very cobbly sandy loam, very gravelly loam, extremely cobbly loam.	SM, GM	A-4, A-2	30-45	55-80	45-70	30-55	20-45	20-30	NP-5
Otwin----------	0-3	Stony sandy loam	SM	A-1, A-2	10-30	75-95	70-90	40-60	20-35	---	NP
	3-28	Very cobbly sandy loam, very cobbly loam.	SM, GM	A-1, A-2	30-55	55-65	50-60	30-50	15-35	---	NP
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
139A---------- Padigan	0-12	Clay----------	CH	A-7	0	100	100	95-100	90-95	65-75	40-50
	12-42	Clay----------	CH	A-7	0-10	90-100	85-100	75-100	65-95	65-75	40-50
	42-60	Gravelly sandy clay loam.	SM	A-2	0-10	65-80	60-75	50-70	20-35	30-40	5-15

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct					Pct	
140G*:											
Pearsoll--------	0-7	Extremely stony clay loam.	GC, CL	A-7	40-70	50-80	45-75	40-75	35-65	40-50	20-25
	7-19	Very cobbly clay, extremely cobbly clay.	GC, CH	A-7	40-75	45-75	40-70	40-70	35-65	50-65	25-35
	19	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dubakella-------	0-11	Very stony clay loam.	SC, SM-SC, CL, CL-ML	A-4, A-6	25-40	85-95	70-85	60-70	40-60	25-40	5-15
	11-31	Very gravelly clay loam, very gravelly clay, very cobbly clay.	GC, SC	A-7, A-2	10-30	50-75	35-60	35-60	30-50	40-55	20-30
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
141A---------- Phoenix	0-20	Clay----------	CH	A-7	0	95-100	85-100	85-95	80-90	65-75	45-55
	20-40	Clay----------	CH	A-7	0	95-100	85-100	85-95	80-90	65-75	45-55
	40	Weathered bedrock	---	---	---	---	---	---	---	---	---
142C, 143E, 144E- Pinehurst	0-15	Loam----------	CL, CL-ML	A-4	0	85-100	75-100	65-95	55-75	20-30	5-10
	15-60	Clay loam, loam, gravelly clay loam.	CL, SC, CL-ML, SM-SC	A-4, A-6	0-10	75-100	65-90	60-85	45-65	20-35	5-15
145C*:											
Pinehurst-------	0-15	Loam----------	ML	A-4	0-10	85-100	80-100	70-95	50-75	25-35	NP-5
	15-60	Clay loam, gravelly clay loam, cobbly clay loam.	ML, GM, SM	A-6, A-7	0-15	65-100	60-95	55-95	40-75	35-50	10-20
Greystoke-------	0-3	Stony loam-------	ML, GM, SM	A-4	15-45	60-90	55-85	45-80	35-65	25-40	NP-10
	3-23	Cobbly clay loam, very cobbly loam, very gravelly loam.	ML, SM, GM	A-2, A-4	15-45	45-90	40-85	35-85	25-65	25-40	NP-10
	23-42	Very cobbly clay loam, very gravelly clay loam, extremely gravelly clay loam.	GM	A-2, A-6, A-7	15-45	35-60	30-55	25-55	20-45	35-50	10-20
	42	Weathered bedrock	---	---	---	---	---	---	---	---	---
146*. Pits											
147C*, 148C*:											
Pokegema--------	0-8	Loam----------	ML	A-4	0-10	90-100	85-100	75-90	60-70	10-20	NP-5
	8-16	Clay loam--------	CL	A-4	0-10	90-100	85-100	80-95	65-90	20-30	5-10
	16-52	Gravelly clay, gravelly clay loam, clay.	CL	A-7	0-15	70-95	65-90	60-85	55-75	40-50	15-25
	52	Weathered bedrock	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
147C*, 148C*:											
Woodcock--------	0-4	Stony loam-------	ML	A-4	10-25	70-90	65-85	60-80	50-65	20-30	NP-5
	4-39	Extremely gravelly loam, very gravelly clay loam, very gravelly loam.	GM	A-4, A-2	10-30	25-50	20-50	15-40	10-30	30-40	NP-10
	39-62	Gravelly clay loam, very gravelly loam.	GM, SM	A-1, A-2	5-15	50-75	40-70	35-65	30-50	20-30	NP-5
149B, 149D------- Pollard	0-11	Loam----------	ML, CL	A-6	0-15	85-95	75-95	70-80	60-70	35-40	10-15
	11-61	Clay, silty clay, clay loam.	MH, ML	A-7	0	90-100	75-100	70-95	65-90	45-55	15-20
150E---------- Provig	0-9	Very gravelly loam.	GM	A-2	0-25	50-65	40-55	35-50	25-35	25-35	NP-10
	9-15	Very gravelly clay loam, very gravelly clay.	GC	A-2, A-6	0-25	45-65	35-55	35-50	25-45	30-40	10-15
	15-60	Stratified extremely gravelly clay to extremely gravelly clay loam.	GC, GP-GC	A-2	0-30	10-35	5-30	5-30	5-25	40-50	20-30
151C*:											
Provig----------	0-9	Very gravelly loam.	GM	A-2	0-25	50-65	40-55	35-50	25-35	25-35	NP-10
	9-15	Very gravelly clay loam, very gravelly clay.	GC	A-2, A-6	0-25	45-65	35-55	35-50	25-45	30-40	10-15
	15-60	Stratified extremely gravelly clay to extremely gravelly clay loam.	GC, GP-GC	A-2	0-30	10-35	5-30	5-30	5-25	40-50	20-30
Agate----------	0-6	Loam----------	ML	A-4	0	80-100	75-100	65-95	50-75	25-35	NP-10
	6-25	Clay loam, loam, gravelly loam.	GM-GC, GC, CL	A-4, A-6	0-15	65-90	60-85	50-85	35-65	25-40	5-15
	25-30	Indurated--------	---	---	---	---	---	---	---	---	---
	30-62	Extremely gravelly coarse sandy loam, extremely gravelly loamy sand.	GW-GM, GM	A-1	15-45	15-45	10-40	5-30	5-15	---	NP
152B*:											
Randcore--------	0-1	Extremely stony loam.	ML, CL-ML, CL	A-4	60-80	80-95	75-90	65-80	50-65	20-30	NP-10
	1-6	Loam, silt loam	ML	A-4	0	80-95	75-90	65-85	50-70	20-35	NP-10
	6	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
152B*:											
Shoat----------	0-4	Loam----------	ML	A-4	0	90-100	75-100	70-95	50-75	25-35	NP-10
	4-24	Clay loam, loam, silt loam.	ML, CL	A-4, A-6, A-7	0-10	90-100	80-100	70-100	50-90	30-45	5-20
	24	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
153B*:											
Reinecke--------	0-9	Sandy loam-------	SM	A-2, A-5	0-15	80-95	75-90	50-70	30-50	45-55	NP-5
	9-25	Sandy loam, gravelly sandy loam.	SM, GM	A-2, A-5	0-15	65-95	60-90	45-65	25-45	45-55	NP-5
	25-33	Loam----------	ML, SM	A-4	0-5	75-95	70-90	60-85	40-70	25-35	NP-5
	33-60	Clay loam, cobbly loam, gravelly clay loam.	CL, SC, GC	A-6	0-30	60-95	55-90	45-90	35-70	30-40	10-15
Coyata----------	0-11	Gravelly loam----	SM-SC, SM, GM, GM-GC	A-4	0-15	70-80	60-75	50-65	40-50	25-35	5-10
	11-31	Very cobbly clay loam, extremely cobbly clay loam, very cobbly loam.	GC	A-6, A-2	45-55	40-60	35-55	30-50	25-40	30-40	10-15
	31	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
154*. Riverwash											
155E, 155G, 156E, 156G---------- Rogue	0-6	Cobbly coarse sandy loam.	SM	A-1, A-2	15-30	80-90	70-80	40-55	20-30	---	NP
	6-34	Cobbly coarse sandy loam, gravelly coarse sandy loam.	SM	A-1, A-2	0-30	80-90	70-80	40-55	20-30	---	NP
	34-54	Coarse sandy loam, gravelly coarse sandy loam, gravelly loamy coarse sand.	SM	A-1, A-2	0	75-100	60-100	35-75	15-35	---	NP
	54	Weathered bedrock	---	---	---	---	---	---	---	---	---
157B---------- Ruch	0-7	Silt loam--------	ML, CL-ML, CL	A-4	0	85-100	75-100	65-100	55-90	25-35	5-10
	7-70	Loam, clay loam, gravelly loam.	CL	A-6	0-10	75-100	65-95	60-85	50-70	30-40	15-20
158B, 158D------- Ruch	0-7	Gravelly silt loam.	ML, CL-ML, SM, GM	A-4	0	70-90	60-75	50-75	40-65	25-35	5-10
	7-70	Loam, clay loam, gravelly loam.	CL	A-6	0-10	75-100	65-95	60-85	50-70	30-40	15-20

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
159C, 160E, 160G-Rustlerpeak	0-12	Gravelly loam----	ML, SM, GM	A-5	10-15	60-90	55-85	45-80	35-65	40-50	NP-10
	12-23	Very gravelly loam, very cobbly clay loam, extremely gravelly clay loam.	GC, SC	A-6, A-2	25-55	35-70	30-65	25-60	20-50	30-40	10-20
	23	Weathered bedrock	---	---	---	---	---	---	---	---	---
161G*:											
Rustlerpeak-----	0-12	Gravelly loam----	ML, SM, GM	A-5	10-15	60-90	55-85	45-80	35-65	40-50	NP-10
	12-23	Very gravelly loam, very cobbly clay loam, extremely gravelly clay loam.	GC, SC	A-6, A-2	25-55	35-70	30-65	25-60	20-50	30-40	10-20
	23	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rock outcrop.											
162B, 162D------- Selmac	0-17	Loam----------	ML	A-4	0	80-100	75-95	65-90	50-70	30-35	5-10
	17-29	Clay loam, gravelly clay loam.	CL	A-6	0-15	70-90	65-85	60-85	50-70	35-40	15-20
	29-60	Clay----------	CH	A-7	0	95-100	95-100	85-100	70-95	60-75	40-50
163A---------- Sevenoaks	0-14	Loamy sand-------	SM	A-1, A-2	0	80-100	75-100	40-75	15-30	---	NP
	14-60	Gravelly sand, gravelly coarse sand, gravelly loamy sand.	SM, SW-SM, SP-SM	A-1	0	60-80	55-75	30-50	5-15	---	NP
164B, 164D, 165E, 166E---------- Shefflein	0-10	Loam----------	ML, CL-ML, CL	A-4	0	90-100	80-100	65-80	50-65	15-25	NP-10
	10-56	Loam, clay loam, sandy clay loam.	CL, SC	A-6	0	90-100	80-100	75-95	40-70	30-35	15-20
	56	Weathered bedrock	---	---	---	---	---	---	---	---	---
167B---------- Sibannac	0-6	Silt loam--------	CL	A-6	0	100	100	90-100	70-85	30-35	10-15
	6-60	Silty clay loam, clay loam.	CL	A-6	0	100	100	90-100	70-85	35-40	15-20
168G, 169G------- Siskiyou	0-9	Gravelly sandy loam.	SM	A-2, A-1	0	85-100	60-75	35-55	15-30	---	NP
	9-35	Gravelly coarse sandy loam, sandy loam, gravelly sandy loam.	SM	A-2, A-1	0-15	75-100	60-85	35-65	15-35	---	NP
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
170C---------- Skookum	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
171E*, 172E*:											
Skookum---------	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bogus----------	0-15	Very gravelly loam.	GC, GM-GC	A-2	0-10	45-55	40-50	35-45	25-35	25-35	5-15
	15-21	Gravelly clay loam.	CL, GC	A-6	0-5	65-80	60-75	55-70	45-60	30-40	10-20
	21-65	Clay loam, clay	CL, CH	A-7	0-5	80-95	75-90	65-90	55-80	40-60	20-35
173D*, 173F*:											
Skookum---------	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
McMullin--------	0-7	Gravelly loam----	SM	A-4, A-2	0-15	80-85	70-80	50-65	25-50	20-30	NP-5
	7-17	Gravelly clay loam, gravelly loam, cobbly clay loam.	CL	A-6	0-25	75-95	65-75	60-75	50-60	30-40	10-15
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
174G*:											
Skookum---------	0-8	Very cobbly loam	CL, SC, GC	A-6	40-50	70-85	65-80	55-75	40-60	30-35	10-15
	8-28	Very cobbly clay loam, very cobbly clay, extremely cobbly clay.	GC, CL, SC, CH	A-7	50-80	50-90	45-85	40-85	35-80	40-55	15-30
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
Rubble land.											
175F, 176F-------	0-12	Gravelly loam----	ML, SM, GM	A-4	0-15	60-80	55-75	45-70	35-55	25-35	NP-10
Snowbrier	12-39	Very gravelly loam, very cobbly loam, extremely cobbly loam.	GM	A-2, A-4, A-1	15-50	40-60	35-55	30-50	20-40	25-35	NP-10
	39	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
177C, 178E------- Snowlin	0-20	Gravelly loam----	ML, SM, GM	A-5	0-15	65-80	60-75	50-70	35-55	40-50	NP-10
	20-34	Gravelly clay loam, cobbly clay loam, clay loam.	CL, SC, GC	A-6	0-25	60-95	55-90	50-90	35-70	30-40	10-20
	34-60	Gravelly clay loam, cobbly clay loam, very gravelly clay loam.	CL, SC, GC	A-6, A-2	10-30	40-80	35-75	30-75	25-60	30-40	10-20
179F*:											
Speaker---------	0-13	Loam----------	ML	A-4	0	95-100	90-100	80-95	60-70	25-30	NP-5
	13-35	Gravelly clay loam, loam, clay loam.	CL, SC, GC	A-6	0-5	60-100	55-100	45-90	35-70	30-40	10-20
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
Josephine-------	0-15	Gravelly loam----	SM, GM	A-6	0	60-80	50-75	35-60	35-50	35-40	10-15
	15-55	Clay loam, gravelly clay loam.	CL, GC, SC	A-7	0	65-100	50-100	45-85	40-75	40-45	15-20
	55	Weathered bedrock	---	---	---	---	---	---	---	---	---
180G, 181G------- Steinmetz	0-13	Sandy loam-------	SM	A-2, A-4	0-5	90-100	80-100	50-70	25-40	---	NP
	13-60	Sandy loam, gravelly sandy loam.	SM	A-1, A-2, A-4	0-10	65-100	55-100	35-70	15-40	---	NP
182E, 183E------- Straight	0-9	Extremely gravelly loam.	GM-GC, GP-GM, GM, GC	A-2, A-1	15-35	20-45	10-35	10-30	5-25	25-35	5-10
	9-35	Very gravelly loam, very gravelly clay loam, very cobbly clay loam.	GM-GC, GC	A-2, A-4, A-6	15-35	45-65	35-55	30-50	25-40	25-40	5-15
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
184G*, 185G*:											
Straight--------	0-9	Extremely gravelly loam.	GM-GC, GP-GM, GM, GC	A-2, A-1	15-35	20-45	10-35	10-30	5-25	25-35	5-10
	9-35	Very gravelly loam, very gravelly clay loam, very cobbly clay loam.	GM-GC, GC	A-2, A-4, A-6	15-35	45-65	35-55	30-50	25-40	25-40	5-15
	35	Weathered bedrock	---	---	---	---	---	---	---	---	---
Shippa----------	0-4	Extremely gravelly loam.	GP-GM, GM, GM-GC	A-2, A-1	15-30	15-35	15-30	10-25	10-20	25-35	5-10
	4-16	Extremely cobbly loam, very cobbly loam.	GM, SM, GM-GC, SM-SC	A-2, A-4, A-1	40-65	35-75	30-70	25-60	20-40	25-35	5-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
186H*:											
Tablerock-------	0-3	Gravelly loam----	SM-SC, SC	A-4, A-6	0-10	75-85	65-75	55-65	40-50	25-35	5-15
	3-20	Very cobbly clay loam, very cobbly clay.	SC, GC	A-2, A-6, A-7	25-45	55-75	45-65	40-60	30-50	35-50	15-25
	20-38	Very cobbly clay	CL, CH, GC	A-7	25-55	60-85	50-75	45-70	40-60	45-65	25-45
	38-65	Gravelly clay loam, gravelly loam, very cobbly clay loam.	SM, GM, ML	A-4, A-6	10-30	65-85	55-75	50-70	35-55	30-40	5-15
	65	Weathered bedrock	---	---	---	---	---	---	---	---	---
Rock outcrop.											
187A---------- Takilma	0-6	Cobbly loam------	ML, SM	A-4	25-40	75-90	75-85	60-80	45-65	25-35	NP-5
	6-15	Very gravelly clay loam, very cobbly loam.	GM	A-4, A-2	25-45	50-65	45-65	40-65	25-50	25-35	NP-10
	15-60	Very gravelly sandy loam, extremely cobbly sandy loam, extremely gravelly sandy loam.	GM, GW-GM, GP-GM	A-1, A-2	15-65	25-50	20-50	15-35	5-30	---	NP
188E, 188G, 189E, 189G---------- Tallowbox	0-6	Gravelly sandy loam.	SM	A-2, A-1	0	85-100	60-75	35-55	15-30	---	NP
	6-23	Gravelly sandy loam, sandy loam, gravelly coarse sandy loam.	SM	A-2, A-1	0-15	75-100	60-85	35-65	15-35	---	NP
	23	Weathered bedrock	---	---	---	---	---	---	---	---	---
190E, 190G, 191E, 191G---------- Tatouche	0-11	Gravelly loam----	SC, GC, GM-GC, SM-SC	A-4, A-6	0-15	65-80	60-75	55-70	40-50	25-35	5-15
	11-60	Clay, clay loam, gravelly clay loam.	CL	A-6, A-7	0-15	65-95	60-90	55-85	50-80	35-45	15-25
	60-73	Gravelly clay loam, clay loam.	CL, SC, GC	A-6	0-10	70-95	65-90	60-90	45-70	30-40	10-15
192A---------- Terrabella	0-10	Clay loam--------	ML, CL	A-6, A-7	0	95-100	90-100	80-100	65-80	35-45	10-20
	10-50	Clay----------	CH	A-7	0	95-100	90-100	80-100	65-95	50-60	25-35
	50-60	Clay, clay loam, gravelly clay loam.	CH, CL	A-7	0	95-100	70-100	60-100	50-95	40-60	15-35
193G, 194G------- Tethrick	0-10	Sandy loam-------	SM	A-2, A-4	0-10	85-100	75-100	45-70	25-40	---	NP
	10-60	Sandy loam, coarse sandy loam.	SM	A-1, A-2	0-10	85-100	75-100	40-65	20-35	---	NP

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct					Pct	
195E, 195F, 196E-Vannoy	0-11	Silt loam--------	ML, CL-ML, CL	A-4	0-5	85-100	75-100	70-100	55-90	25-35	5-10
	11-38	Clay loam--------	CL	A-7	0-10	90-100	90-100	75-85	60-75	40-45	20-25
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
197F*:											
Vannoy----------	0-11	Silt loam--------	ML, CL-ML, CL	A-4	0-5	85-100	75-100	70-100	55-90	25-35	5-10
	11-38	Clay loam--------	CL	A-7	0-10	90-100	90-100	75-85	60-75	40-45	20-25
	38	Weathered bedrock	---	---	---	---	---	---	---	---	---
Voorhies--------	0-8	Very gravelly loam.	GM, GM-GC, GC	A-2, A-1	0	30-55	25-50	20-50	15-35	25-35	5-10
	8-36	Very gravelly clay loam, very cobbly clay loam, very cobbly loam.	GC	A-2, A-6	15-40	40-65	35-60	30-60	25-45	30-40	10-20
	36	Weathered bedrock	---	---	---	---	---	---	---	---	---
198A---------- Winlo	0-4	Very gravelly clay loam.	GC	A-2, A-6, A-7	10-25	40-60	35-55	30-55	25-45	35-45	15-20
	4-9	Very gravelly clay.	GC	A-2, A-7	10-25	40-60	35-55	30-55	25-50	40-55	20-30
	9-17	Indurated--------	---	---	---	---	---	---	---	---	---
	17-60	Extremely gravelly coarse sandy loam, extremely gravelly loamy coarse sand.	GM, GP-GM	A-1	15-45	15-45	10-40	5-30	5-15	---	NP
199C, 200E, 201E-Wolfpeak	0-11	Sandy loam--------	SM	A-2, A-4	0-5	90-100	80-95	50-65	25-40	15-25	NP-5
	11-60	Loam, clay loam, gravelly clay loam.	CL, ML, SM, SC	A-6, A-7	0-10	75-100	65-95	55-95	40-75	35-45	10-20
202F, 203F-------- Woodcock	0-4	Stony loam--------	ML	A-4	10-25	70-90	65-85	60-80	50-65	20-30	NP-5
	4-39	Extremely gravelly loam, very gravelly clay loam, very gravelly loam.	GM	A-4, A-2	10-30	25-50	20-50	15-40	10-30	30-40	NP-10
	39-62	Gravelly clay loam, very gravelly loam.	GM, SM	A-1, A-2	5-15	50-75	40-70	35-65	30-50	20-30	NP-5
204E*, 205E*, 206E*:											
Woodcock--------	0-4	Stony loam--------	ML	A-4	10-25	70-90	65-85	60-80	50-65	20-30	NP-5
	4-39	Extremely gravelly loam, very gravelly clay loam, very gravelly loam.	GM	A-4, A-2	10-30	25-50	20-50	15-40	10-30	30-40	NP-10
	39-62	Gravelly clay loam, very gravelly loam.	GM, SM	A-1, A-2	5-15	50-75	40-70	35-65	30-50	20-30	NP-5

See footnote at end of table.

TABLE 13.--ENGINEERING INDEX PROPERTIES--Continued

Soil name and map symbol	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Frag- ments > 3 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plas- ticity index
	In				Pct					Pct	
204E*, 205E*, 206E*:											
Pokegema-------	0-8	Loam----------	ML	A-4	0-10	90-100	85-100	75-90	60-70	10-20	NP-5
	8-16	Clay loam--------	CL	A-4	0-10	90-100	85-100	80-95	65-90	20-30	5-10
	16-52	Gravelly clay, gravelly clay loam, clay.	CL	A-7	0-15	70-95	65-90	60-85	55-75	40-50	15-25
	52	Weathered bedrock	---	---	---	---	---	---	---	---	---
207E*, 207G*:											
Woodseye--------	0-2	Very stony loam	ML, SM	A-4	25-45	70-95	65-90	60-80	40-60	20-30	NP-5
	2-18	Very cobbly loam, extremely cobbly loam.	GM	A-1, A-2	40-60	25-55	20-50	20-45	15-35	20-35	NP-10
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop.											
208C*:											
Xerorthents-----	0-60	Very cobbly clay loam.	GM, GM-GC	A-2, A-4	55-85	40-90	35-80	25-70	20-55	10-20	NP-10
Dumps.											

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

TABLE 14.--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 "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	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
1B, 1C---------- Abegg	0-5	15-22	1.35-1.55	0.6-2.0	0.13-0.16	5.1-7.3	Low----------	0.15	5	1-3
	5-22	25-35	1.30-1.45	0.6-2.0	0.05-0.07	5.1-7.3	Low----------	0.15		
	22-66	25-35	1.40-1.60	0.6-2.0	0.05-0.07	5.1-7.3	Low----------	0.10		
2A---------- Abin	0-18	27-40	1.25-1.35	0.2-0.6	0.19-0.21	5.6-7.3	Moderate-----	0.24	5	3-6
	18-44	35-45	1.25-1.35	0.2-0.6	0.15-0.21	5.6-7.3	High---------	0.32		
	44-65	27-40	1.25-1.35	0.2-0.6	0.19-0.21	5.6-7.3	Moderate-----	0.37		
3E*, 4E*:										
Acker----------	0-8	15-25	1.10-1.25	0.6-2.0	0.08-0.12	5.1-6.5	Low----------	0.20	5	3-6
	8-17	20-30	1.20-1.30	0.6-2.0	0.08-0.15	5.1-6.5	Low----------	0.28		
	17-60	27-40	1.25-1.45	0.2-0.6	0.08-0.17	5.1-6.0	Moderate-----	0.24		
Dumont----------	0-4	27-35	1.10-1.20	0.6-2.0	0.14-0.18	5.1-6.5	Low----------	0.28	5	4-8
	4-15	27-40	1.30-1.40	0.6-2.0	0.16-0.21	5.1-6.0	Low----------	0.24		
	15-51	40-50	1.30-1.40	0.2-0.6	0.12-0.17	4.5-5.5	Moderate-----	0.32		
	51-60	27-35	1.30-1.40	0.2-0.6	0.12-0.17	4.5-5.5	Moderate-----	0.28		
5F*:										
Acker----------	0-8	15-25	1.10-1.25	0.6-2.0	0.08-0.12	5.1-6.5	Low----------	0.20	5	3-6
	8-17	20-30	1.20-1.30	0.6-2.0	0.08-0.15	5.1-6.5	Low----------	0.28		
	17-60	27-40	1.25-1.45	0.2-0.6	0.08-0.17	5.1-6.0	Moderate-----	0.24		
Norling---------	0-5	15-27	1.20-1.30	0.6-2.0	0.08-0.16	5.1-6.0	Low----------	0.17	2	2-5
	5-22	18-35	1.30-1.45	0.6-2.0	0.12-0.20	4.5-6.0	Moderate-----	0.28		
	22-29	18-35	1.30-1.45	0.6-2.0	0.09-0.15	4.5-6.0	Moderate-----	0.20		
	29	---	---	---	---	---	----------	----		
6B*:										
Agate----------	0-6	18-27	1.35-1.50	0.6-2.0	0.14-0.18	5.6-6.5	Low----------	0.24	2	1-3
	6-25	18-35	1.30-1.50	0.2-0.6	0.12-0.19	5.6-6.5	Moderate-----	0.20		
	25-30	---	---	---	---	---	----------	----		
	30-62	5-20	1.40-1.60	0.6-2.0	---	6.6-7.3	Low----------	0.05		
Winlo----------	0-4	35-40	1.30-1.40	0.06-0.2	0.10-0.15	6.1-6.5	Moderate-----	0.10	1	1-3
	4-9	40-50	1.20-1.30	0.06-0.2	0.08-0.12	6.1-6.5	High---------	0.05		
	9-17	---	---	---	---	---	----------	----		
	17-60	5-20	1.40-1.60	0.6-2.0	---	6.6-7.3	Low----------	0.05		
7C*:										
Aspenlake-------	0-4	10-18	1.00-1.20	0.6-2.0	0.12-0.17	5.6-6.5	Low----------	0.15	2	3-6
	4-26	12-18	1.10-1.30	0.6-2.0	0.11-0.16	5.6-6.5	Low----------	0.20		
	26-60	---	---	---	---	---	----------	----		
Whiteface-------	0-8	15-27	1.00-1.20	0.6-2.0	0.12-0.16	5.6-6.5	Low----------	0.15	1	3-6
	8-16	25-35	1.10-1.30	0.6-2.0	0.12-0.20	5.6-6.5	Moderate-----	0.20		
	16-23	---	---	---	---	---	----------	----		
8A---------- Barhiskey	0-4	3-7	1.45-1.60	6.0-20.0	0.05-0.10	5.6-6.5	Low----------	0.02	5	2-4
	4-60	2-5	1.50-1.70	>20.0	0.04-0.07	5.6-6.5	Low----------	0.02		
9A---------- Barhiskey Variant	0-8	3-7	1.45-1.60	6.0-20.0	0.05-0.10	5.6-6.5	Low----------	0.05	5	3-5
	8-60	0-5	1.50-1.70	>20.0	0.04-0.07	5.6-6.5	Low----------	0.02		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
10B, 10C--------- Barron	0-6	8-18	1.40-1.60	2.0-6.0	0.07-0.12	5.6-6.0	Low----------	0.24	5	1-3
	6-60	8-18	1.40-1.60	2.0-6.0	0.07-0.12	5.6-6.0	Low----------	0.28		
11G*, 12G*:										
Beekman---------	0-14	15-25	1.35-1.55	0.6-2.0	0.10-0.16	5.6-6.5	Low----------	0.20	2	2-4
	14-28	18-30	1.30-1.50	0.6-2.0	0.05-0.10	5.6-6.5	Low----------	0.10		
	28	---	---	---	---	---	----------	----		
Colestine-------	0-9	18-25	1.10-1.40	0.6-2.0	0.11-0.15	5.6-7.3	Low----------	0.28	2	2-4
	9-34	22-30	1.45-1.65	0.6-2.0	0.10-0.16	5.6-7.3	Low----------	0.24		
	34	---	---	---	---	---	----------	----		
13C*, 13E*:										
Bly----------	0-17	20-27	1.10-1.20	0.6-2.0	0.16-0.20	6.1-7.3	Low----------	0.24	5	2-4
	17-60	27-35	1.20-1.30	0.2-0.6	0.10-0.17	6.1-7.3	Moderate-----	0.20		
Royst----------	0-11	15-25	1.20-1.40	0.6-2.0	0.14-0.17	5.1-7.3	Low----------	0.15	2	2-5
	11-21	27-35	1.30-1.50	0.06-0.2	0.05-0.08	5.6-7.3	High---------	0.10		
	21-23	---	---	---	---	---	----------	----		
	23	---	---	---	---	---	----------	----		
14G---------- Bogus	0-15	22-27	1.35-1.50	0.6-2.0	0.11-0.13	5.6-6.5	Low----------	0.10	5	2-4
	15-21	27-35	1.25-1.40	0.2-0.6	0.13-0.17	5.6-6.5	Moderate-----	0.24		
	21-65	35-45	1.25-1.40	0.06-0.2	0.12-0.15	5.6-6.5	High---------	0.28		
15C*:										
Bogus----------	0-15	22-27	1.35-1.50	0.6-2.0	0.11-0.13	5.6-6.5	Low----------	0.10	5	2-4
	15-21	27-35	1.25-1.40	0.2-0.6	0.13-0.17	5.6-6.5	Moderate-----	0.24		
	21-65	35-45	1.25-1.40	0.06-0.2	0.12-0.15	5.6-6.5	High---------	0.28		
Skookum---------	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
16A*:										
Booth----------	0-15	10-20	1.25-1.35	0.6-2.0	0.11-0.14	6.1-7.3	Low----------	0.24	2	1-3
	15-35	45-60	1.35-1.45	0.06-0.2	0.13-0.16	6.1-7.3	High---------	0.20		
	35-37	---	---	---	---	---	----------	----		
	37	---	---	---	---	---	----------	----		
Kanutchan Variant--------	0-3	40-60	1.10-1.30	0.06-0.2	0.12-0.16	5.6-6.5	High---------	0.15	2	2-4
	3-21	40-60	1.10-1.30	<0.06	0.12-0.16	5.6-6.5	High---------	0.24		
	21	---	---	---	---	---	----------	----		
17C*, 17E*:										
Brader----------	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.18	6.1-7.3	Low----------	0.20	1	1-3
	6-13	20-35	1.30-1.45	0.6-2.0	0.13-0.20	6.1-7.3	Moderate-----	0.24		
	13	---	---	---	---	---	----------	----		
Debenger--------	0-9	18-25	1.40-1.50	0.6-2.0	0.15-0.18	5.6-6.5	Low----------	0.28	2	1-3
	9-27	20-35	1.35-1.45	0.6-2.0	0.15-0.21	5.1-6.0	Low----------	0.32		
	27	---	---	---	---	---	----------	----		
18C---------- Bybee	0-4	22-27	1.35-1.45	0.6-2.0	0.16-0.18	6.1-6.5	Low----------	0.28	2	4-8
	4-10	30-40	1.30-1.40	0.2-0.6	0.19-0.21	6.1-6.5	Moderate-----	0.28		
	10-60	40-55	1.20-1.30	<0.06	0.12-0.16	5.6-6.0	High---------	0.32		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
19E*, 20E*:										
Bybee----------	0-4	22-27	1.35-1.45	0.6-2.0	0.16-0.18	6.1-6.5	Low----------	0.28	2	4-8
	4-10	30-40	1.30-1.40	0.2-0.6	0.19-0.21	6.1-6.5	Moderate-----	0.28		
	10-60	40-55	1.20-1.30	<0.06	0.12-0.16	5.6-6.0	High---------	0.32		
Tatouche--------	0-11	22-27	1.35-1.45	0.6-2.0	0.12-0.16	6.1-7.3	Low----------	0.15	5	4-8
	11-60	35-50	1.25-1.35	0.2-0.6	0.11-0.19	5.6-6.5	High---------	0.24		
	60-73	30-40	1.30-1.40	0.2-0.6	0.15-0.20	5.6-6.5	Moderate-----	0.24		
21A---------- Camas	0-10	5-10	1.20-1.40	2.0-6.0	0.10-0.13	5.6-7.3	Low----------	0.20	2	1-3
	10-60	0-5	1.40-1.60	>20	0.03-0.05	5.6-7.3	Low----------	0.10		
22A---------- Camas	0-10	5-10	1.30-1.50	2.0-6.0	0.07-0.09	5.6-7.3	Low----------	0.10	2	1-3
	10-60	0-5	1.40-1.60	>20	0.03-0.05	5.6-7.3	Low----------	0.10		
23A*:										
Camas----------	0-10	5-10	1.30-1.50	2.0-6.0	0.07-0.09	5.6-7.3	Low----------	0.10	2	1-3
	10-60	0-5	1.40-1.60	>20	0.03-0.05	5.6-7.3	Low----------	0.10		
Newberg---------	0-17	7-15	1.20-1.40	2.0-6.0	0.12-0.15	5.6-6.5	Low----------	0.28	5	2-4
	17-30	5-15	1.20-1.40	2.0-6.0	0.12-0.15	5.6-6.5	Low----------	0.24		
	30-60	2-10	1.20-1.40	6.0-20	0.09-0.13	5.6-7.3	Low----------	0.17		
Evans----------	0-38	12-18	1.35-1.50	0.6-2.0	0.16-0.20	5.6-7.3	Low----------	0.32	5	2-5
	38-60	10-18	1.40-1.55	0.6-2.0	0.13-0.23	6.1-6.5	Low----------	0.43		
24C*, 24E*:										
Campfour--------	0-21	15-27	1.00-1.20	0.6-2.0	0.12-0.15	5.6-6.5	Low----------	0.24	5	2-4
	21-60	27-35	1.20-1.40	0.2-0.6	0.09-0.16	5.1-6.5	Moderate-----	0.20		
Paragon---------	0-13	20-27	1.00-1.20	0.6-2.0	0.09-0.12	5.1-6.5	Low----------	0.15	2	2-4
	13-25	27-35	1.20-1.40	0.2-0.6	0.09-0.15	5.6-6.5	Moderate-----	0.20		
	25	---	---	---	---	---	----------	----		
25G*, 26G*:										
Caris----------	0-7	15-25	1.35-1.55	0.6-2.0	0.08-0.16	5.6-7.3	Low----------	0.20	2	1-3
	7-31	18-30	1.30-1.50	0.6-2.0	0.03-0.08	5.6-7.3	Low----------	0.10		
	31	---	---	---	---	---	----------	----		
Offenbacher-----	0-9	18-25	1.10-1.40	0.6-2.0	0.11-0.19	5.6-7.3	Low----------	0.28	2	1-3
	9-34	18-30	1.45-1.65	0.6-2.0	0.10-0.18	5.6-7.3	Low----------	0.24		
	34	---	---	---	---	---	----------	----		
27B, 27D--------- Carney	0-6	50-60	1.20-1.25	<0.06	0.12-0.16	6.6-7.3	High---------	0.17	2	2-3
	6-35	50-60	1.20-1.25	<0.06	0.12-0.16	6.6-7.8	High---------	0.17		
	35	---	---	---	---	---	----------	----		
28D, 28E, 29D, 29E---------- Carney	0-6	50-60	1.20-1.25	<0.06	0.10-0.14	6.6-7.3	High---------	0.10	2	2-3
	6-35	50-60	1.20-1.25	<0.06	0.12-0.16	6.6-7.8	High---------	0.17		
	35	---	---	---	---	---	----------	----		
30E*:										
Carney----------	0-6	50-60	1.20-1.25	<0.06	0.10-0.14	6.6-7.3	High---------	0.10	2	2-3
	6-35	50-60	1.20-1.25	<0.06	0.12-0.16	6.6-7.8	High---------	0.17		
	35	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
30E*:										
Tablerock--------	0-3	15-27	1.20-1.30	0.6-2.0	0.12-0.16	6.1-7.3	Low----------	0.15	5	2-4
	3-20	30-45	1.20-1.30	0.2-0.6	0.09-0.12	5.6-6.5	Moderate-----	0.10		
	20-38	40-60	1.30-1.40	<0.06	0.08-0.12	5.6-6.0	High----------	0.10		
	38-65	20-35	1.20-1.30	0.2-2.0	0.10-0.16	5.1-6.0	Moderate-----	0.15		
	65	---	---	---	---	---	----------	----		
31A---------- Central Point	0-30	12-18	1.35-1.50	2.0-6.0	0.08-0.11	5.6-6.5	Low----------	0.10	5	2-8
	30-49	12-18	1.40-1.60	2.0-6.0	0.08-0.12	5.6-7.3	Low----------	0.20		
	49-67	8-13	1.45-1.65	2.0-6.0	0.06-0.11	5.6-7.3	Low----------	0.17		
32B---------- Clawson	0-10	8-18	1.40-1.60	2.0-6.0	0.11-0.13	5.6-7.3	Low----------	0.28	5	1-2
	10-60	8-18	1.40-1.60	2.0-6.0	0.10-0.13	6.1-7.3	Low----------	0.32		
33A, 33C--------- Coker	0-33	60-70	1.20-1.30	<0.06	0.14-0.16	6.6-7.8	High----------	0.15	5	2-3
	33-70	60-70	1.20-1.30	<0.06	0.14-0.16	7.4-8.4	High----------	0.15		
34B---------- Coleman	0-8	20-27	1.35-1.50	0.6-2.0	0.16-0.18	5.6-6.0	Low----------	0.28	5	2-4
	8-20	27-35	1.30-1.40	0.2-0.6	0.19-0.21	6.1-6.5	Moderate-----	0.28		
	20-40	45-55	1.30-1.40	0.06-0.2	0.12-0.16	6.1-7.3	High----------	0.24		
	40-65	27-40	1.30-1.50	0.2-0.6	0.10-0.18	6.6-7.3	Moderate-----	0.20		
35A---------- Cove	0-7	40-50	1.20-1.30	<0.06	0.14-0.16	6.1-7.3	High----------	0.17	5	4-8
	7-60	50-60	1.20-1.30	<0.06	0.14-0.17	6.1-7.3	High----------	0.17		
36G*, 37G*:										
Coyata----------	0-11	18-27	1.35-1.50	0.6-2.0	0.04-0.07	5.6-6.5	Low----------	0.05	2	4-8
	11-31	25-35	1.20-1.45	0.6-2.0	0.04-0.09	5.1-6.5	Low----------	0.05		
	31	---	---	---	---	---	----------	----		
Rock outcrop.										
38C*, 39E*, 40E*:										
Crater Lake-----	0-5	5-10	0.70-0.85	2.0-6.0	0.20-0.24	5.6-6.5	Low----------	0.32	5	5-8
	5-22	5-10	0.75-0.85	2.0-6.0	0.20-0.24	5.6-6.5	Low----------	0.49		
	22-60	5-10	0.75-0.90	2.0-6.0	0.15-0.20	5.6-6.5	Low----------	0.49		
Alcot----------	0-11	0-5	0.75-0.85	2.0-6.0	0.20-0.25	5.6-6.5	Low----------	0.10	5	2-4
	11-60	0-5	0.75-0.90	6.0-20	0.12-0.15	5.6-6.5	Low----------	0.05		
41G*, 42G*:										
Crater Lake-----	0-5	5-10	0.70-0.85	2.0-6.0	0.20-0.24	5.6-6.5	Low----------	0.32	5	5-8
	5-22	5-10	0.75-0.85	2.0-6.0	0.20-0.24	5.6-6.5	Low----------	0.49		
	22-60	5-10	0.75-0.90	2.0-6.0	0.15-0.20	5.6-6.5	Low----------	0.49		
Rock outcrop.										
43B, 43D, 43E---- Darow	0-12	30-40	1.30-1.40	0.2-0.6	0.19-0.21	6.6-7.3	Moderate-----	0.24	2	2-4
	12-32	45-60	1.20-1.35	0.06-0.2	0.15-0.17	6.1-6.5	High----------	0.28		
	32	---	---	---	---	---	----------	----		
44C*, 44E*:										
Debenger--------	0-9	18-25	1.40-1.50	0.6-2.0	0.15-0.18	5.6-6.5	Low----------	0.28	2	1-3
	9-27	20-35	1.35-1.45	0.6-2.0	0.15-0.21	5.1-6.0	Low----------	0.32		
	27	---	---	---	---	---	----------	----		
Brader----------	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.18	6.1-7.3	Low----------	0.20	1	1-3
	6-13	20-35	1.30-1.45	0.6-2.0	0.13-0.20	6.1-7.3	Moderate-----	0.24		
	13	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
45G, 46G--------- Donegan	0-22	15-27	0.95-1.10	0.6-2.0	0.11-0.15	5.6-6.5	Low----------	0.15	2	2-4
	22-32	20-35	1.20-1.40	0.2-0.6	0.03-0.08	5.6-6.5	Moderate-----	0.05		
	32	---	---	---	---	---	----------	----		
47C*, 48E*, 49E*:										
Donegan---------	0-22	15-27	0.95-1.10	0.6-2.0	0.11-0.15	5.6-6.5	Low----------	0.15	2	2-4
	22-32	20-35	1.20-1.40	0.2-0.6	0.03-0.08	5.6-6.5	Moderate-----	0.05		
	32	---	---	---	---	---	----------	----		
Killet----------	0-18	15-27	0.95-1.10	0.6-2.0	0.11-0.15	5.6-6.5	Low----------	0.15	5	2-4
	18-60	27-35	1.20-1.40	0.2-0.6	0.11-0.17	5.6-6.5	Moderate-----	0.15		
50E, 50G--------- Dubakella	0-11	20-35	1.25-1.40	0.2-0.6	0.08-0.12	5.6-7.3	Moderate-----	0.15	2	4-8
	11-31	35-50	1.25-1.40	0.06-0.2	0.08-0.10	6.1-7.8	Moderate-----	0.10		
	31	---	---	---	---	---	----------	----		
51C---------- Dumont	0-4	27-35	1.10-1.20	0.6-2.0	0.14-0.18	5.1-6.5	Low----------	0.28	5	4-8
	4-15	27-40	1.30-1.40	0.6-2.0	0.16-0.21	5.1-6.0	Low----------	0.24		
	15-51	40-50	1.30-1.40	0.2-0.6	0.12-0.17	4.5-5.5	Moderate-----	0.32		
	51-60	27-35	1.30-1.40	0.2-0.6	0.12-0.17	4.5-5.5	Moderate-----	0.28		
52C*, 53E*, 53G*, 54E*, 54G*:										
Dumont---------	0-9	20-27	1.10-1.40	0.6-2.0	0.11-0.14	5.6-6.5	Low----------	0.20	5	4-8
	9-18	27-35	1.10-1.40	0.6-2.0	0.17-0.21	5.1-6.0	Low----------	0.24		
	18-68	40-50	1.30-1.50	0.2-0.6	0.13-0.16	4.5-5.5	Moderate-----	0.32		
Coyata---------	0-11	18-27	1.35-1.50	0.6-2.0	0.12-0.15	5.6-6.5	Low----------	0.20	2	4-8
	11-31	25-35	1.20-1.45	0.6-2.0	0.04-0.09	5.1-6.5	Low----------	0.05		
	31	---	---	---	---	---	----------	----		
55A---------- Evans	0-38	12-18	1.35-1.50	0.6-2.0	0.16-0.20	5.6-7.3	Low----------	0.32	5	2-5
	38-60	10-18	1.40-1.55	0.6-2.0	0.13-0.23	6.1-6.5	Low----------	0.43		
56C, 57E, 57G, 58E, 58G-------- Farva	0-12	12-25	1.30-1.45	2.0-6.0	0.09-0.13	6.1-6.5	Low----------	0.10	2	2-4
	12-35	15-25	1.30-1.45	2.0-6.0	0.07-0.10	5.6-6.5	Low----------	0.05		
	35	---	---	---	---	---	----------	----		
59G*, 60G*:										
Farva----------	0-12	12-25	1.30-1.45	2.0-6.0	0.09-0.13	6.1-6.5	Low----------	0.10	2	2-4
	12-35	15-25	1.30-1.45	2.0-6.0	0.07-0.10	5.6-6.5	Low----------	0.05		
	35	---	---	---	---	---	----------	----		
Rock outcrop.										
61A---------- Foehlin	0-4	20-27	1.35-1.55	0.6-2.0	0.12-0.17	5.6-6.5	Low----------	0.20	5	1-3
	4-60	27-35	1.30-1.45	0.2-0.6	0.13-0.19	5.6-6.5	Moderate-----	0.28		
62C, 63E, 64E---- Freezener	0-9	20-27	1.20-1.30	0.6-2.0	0.13-0.16	5.1-6.0	Low----------	0.20	5	2-4
	9-18	27-35	1.20-1.30	0.6-2.0	0.18-0.21	5.1-6.0	Low----------	0.24		
	18-60	35-50	1.20-1.40	0.2-0.6	0.13-0.16	4.5-6.0	Moderate-----	0.28		
65C*, 66E*, 66G*, 67E*, 67G*:										
Freezener------	0-9	20-27	1.20-1.30	0.6-2.0	0.13-0.16	5.1-6.0	Low----------	0.20	5	2-4
	9-18	27-35	1.20-1.30	0.6-2.0	0.18-0.21	5.1-6.0	Low----------	0.24		
	18-60	35-50	1.20-1.40	0.2-0.6	0.13-0.16	4.5-6.0	Moderate-----	0.28		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
65C*, 66E*, 66G*, 67E*, 67G*:										
Geppert	0-13	18-27	1.35-1.50	0.6-2.0	0.09-0.12	6.1-7.3	Low	0.10	2	2-4
	13-30	20-35	1.30-1.40	0.6-2.0	0.04-0.07	5.6-6.5	Low	0.05		
	30	---	---	---	---	---	---	---		
68C, 69E, 69G, 70E, 70G Geppert	0-13	18-27	1.35-1.50	0.6-2.0	0.09-0.12	6.1-7.3	Low	0.10	2	2-4
	13-30	20-35	1.30-1.40	0.6-2.0	0.04-0.07	5.6-6.5	Low	0.05		
	30	---	---	---	---	---	---	---		
71E, 71F, 72E, 72F Goolaway	0-11	15-27	1.20-1.30	0.6-2.0	0.18-0.20	5.6-6.0	Low	0.43	2	2-4
	11-29	18-27	1.25-1.35	0.6-2.0	0.19-0.21	5.6-6.0	Low	0.55		
	29	---	---	---	---	---	---	---		
73E*:										
Goolaway	0-11	15-27	1.20-1.30	0.6-2.0	0.18-0.20	5.6-6.0	Low	0.43	2	2-4
	11-29	18-27	1.25-1.35	0.6-2.0	0.19-0.21	5.6-6.0	Low	0.55		
	29	---	---	---	---	---	---	---		
Pollard	0-11	20-27	1.15-1.40	0.6-2.0	0.11-0.15	5.6-7.3	Low	0.24	5	1-3
	11-61	35-50	1.25-1.50	0.06-0.2	0.09-0.12	5.1-6.5	Moderate	0.32		
74F, 74G Gravecreek	0-7	15-27	1.10-1.20	0.6-2.0	0.10-0.14	5.1-6.0	Low	0.15	2	2-4
	7-29	27-35	1.20-1.40	0.2-0.6	0.06-0.10	5.1-6.0	Moderate	0.05		
	29	---	---	---	---	---	---	---		
75E, 75F, 75G Gravecreek	0-7	15-27	1.10-1.20	0.6-2.0	0.10-0.14	5.1-6.0	Low	0.15	2	2-4
	7-29	27-35	1.20-1.40	0.2-0.6	0.06-0.10	5.1-6.0	Moderate	0.05		
	29	---	---	---	---	---	---	---		
76A Gregory	0-7	27-35	1.35-1.45	0.2-0.6	0.19-0.21	6.1-6.5	Moderate	0.24	3	3-6
	7-44	35-45	1.20-1.40	0.06-0.2	0.16-0.20	5.6-6.5	High	0.28		
	44-50	25-30	1.30-1.40	0.2-0.6	0.14-0.16	5.6-6.0	Moderate	0.24		
	50	---	---	---	---	---	---	---		
77F, 77G, 78F Greystoke	0-3	15-27	0.95-1.10	0.6-2.0	0.10-0.14	5.6-6.5	Low	0.20	3	3-8
	3-23	20-30	0.10-1.20	0.6-2.0	0.07-0.11	5.6-6.5	Low	0.17		
	23-42	27-35	1.20-1.40	0.2-0.6	0.05-0.09	5.1-6.5	Moderate	0.05		
	42	---	---	---	---	---	---	---		
79E*, 80E*:										
Greystoke	0-3	15-27	0.95-1.10	0.6-2.0	0.10-0.14	5.6-6.5	Low	0.20	3	3-8
	3-23	20-30	0.10-1.20	0.6-2.0	0.07-0.11	5.6-6.5	Low	0.17		
	23-42	27-35	1.20-1.40	0.2-0.6	0.05-0.09	5.1-6.5	Moderate	0.05		
	42	---	---	---	---	---	---	---		
Pinehurst	0-15	15-27	1.00-1.20	0.6-2.0	0.15-0.20	5.6-6.5	Low	0.24	5	2-4
	15-60	27-35	1.20-1.40	0.2-0.6	0.13-0.20	5.1-6.5	Moderate	0.20		
81G Heppsie	0-15	40-55	1.20-1.30	0.06-0.2	0.12-0.16	6.6-7.3	High	0.15	2	2-4
	15-24	40-55	1.20-1.30	0.06-0.2	0.10-0.12	6.1-7.3	High	0.10		
	24	---	---	---	---	---	---	---		
82G*:										
Heppsie	0-15	40-55	1.20-1.30	0.06-0.2	0.12-0.16	6.6-7.3	High	0.15	2	2-4
	15-24	40-55	1.20-1.30	0.06-0.2	0.10-0.12	6.1-7.3	High	0.10		
	24	---	---	---	---	---	---	---		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
82G*:										
McMullin	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low	0.20		
	17	---	---	---	---	---	---	---		
83E, 83G, 84E, 84G Hobit	0-18	12-20	0.50-0.80	0.6-2.0	0.20-0.30	6.1-6.5	Low	0.28	2	7-10
	18-35	20-30	0.50-0.85	0.6-2.0	0.20-0.30	5.6-6.5	Low	0.24		
	35	---	---	---	---	---	---	---		
85A Hoxie	0-14	15-27	0.85-0.95	0.6-2.0	0.19-0.25	5.6-6.5	Low	0.32	5	4-12
	14-65	18-30	0.85-1.00	0.6-2.0	0.15-0.25	5.1-6.5	Low	0.43		
86C Hukill	0-2	20-27	1.20-1.50	0.6-2.0	0.11-0.15	5.6-6.5	Low	0.15	3	4-8
	2-6	27-35	1.20-1.50	0.6-2.0	0.13-0.18	5.6-6.5	Low	0.17		
	6-42	35-45	1.30-1.50	0.2-0.6	0.12-0.18	5.1-6.0	Moderate	0.24		
	42	---	---	---	---	---	---	---		
87F, 87G, 88F Jayar	0-5	13-22	1.35-1.50	0.6-2.0	0.06-0.13	5.6-6.5	Low	0.17	2	5-8
	5-24	18-30	1.35-1.50	0.6-2.0	0.06-0.14	5.6-6.5	Low	0.24		
	24	---	---	---	---	---	---	---		
89E Jayar Variant	0-8	10-20	1.10-1.30	0.6-2.0	0.06-0.10	5.6-6.5	Low	0.10	2	5-8
	8-24	18-30	1.30-1.50	0.6-2.0	0.06-0.10	5.6-6.5	Low	0.10		
	24	---	---	---	---	---	---	---		
90E*, 91E*:										
Josephine	0-15	18-27	1.35-1.50	0.6-2.0	0.10-0.16	5.1-6.5	Low	0.20	3	3-6
	15-55	27-35	1.30-1.40	0.2-0.6	0.09-0.18	4.5-6.5	Moderate	0.28		
	55	---	---	---	---	---	---	---		
Pollard	0-11	20-27	1.15-1.40	0.6-2.0	0.11-0.15	5.6-7.3	Low	0.24	5	1-3
	11-61	35-50	1.25-1.50	0.06-0.2	0.09-0.12	5.1-6.5	Moderate	0.32		
92E*, 92F*, 93E*:										
Josephine	0-15	18-27	1.35-1.50	0.6-2.0	0.10-0.16	5.1-6.5	Low	0.20	3	3-6
	15-55	27-35	1.30-1.40	0.2-0.6	0.09-0.18	4.5-6.5	Moderate	0.28		
	55	---	---	---	---	---	---	---		
Speaker	0-13	18-25	1.35-1.50	0.6-2.0	0.14-0.16	5.1-6.5	Low	0.24	2	2-4
	13-35	25-35	1.30-1.45	0.2-0.6	0.12-0.20	4.5-6.0	Moderate	0.32		
	35	---	---	---	---	---	---	---		
94G*, 95G*:										
Kanid	0-18	18-27	1.30-1.40	2.0-6.0	0.07-0.10	5.6-6.5	Low	0.20	3	2-4
	18-47	22-30	1.30-1.40	2.0-6.0	0.05-0.09	5.1-6.5	Low	0.10		
	47	---	---	---	---	---	---	---		
Atring	0-7	15-25	1.30-1.40	2.0-6.0	0.09-0.12	5.6-6.5	Low	0.10	2	2-4
	7-40	15-30	1.30-1.40	2.0-6.0	0.08-0.13	5.1-6.5	Low	0.10		
	40	---	---	---	---	---	---	---		
96B Kanutchan	0-20	45-60	1.25-1.35	<0.06	0.12-0.16	5.6-6.5	High	0.17	3	4-8
	20-46	45-60	1.25-1.35	<0.06	0.12-0.16	6.1-7.3	High	0.24		
	46	---	---	---	---	---	---	---		
97A Kerby	0-7	15-27	1.35-1.50	0.6-2.0	0.18-0.22	5.6-6.5	Low	0.32	5	1-3
	7-54	18-35	1.35-1.50	0.2-2.0	0.15-0.19	5.6-6.5	Low	0.37		
	54-60	5-15	1.40-1.80	6.0-20	0.04-0.07	5.6-6.5	Low	0.10		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
98A---------- Kerby	0-15	18-27	1.35-1.50	0.6-2.0	0.16-0.18	5.6-6.5	Low----------	0.32	5	2-5
	15-55	20-35	1.35-1.50	0.2-0.6	0.16-0.21	5.6-6.5	Low----------	0.37		
	55-60	18-25	1.35-1.50	0.6-2.0	0.08-0.18	5.6-6.5	Low----------	0.20		
99A---------- Klamath	0-3	20-27	0.60-0.90	0.2-0.6	0.20-0.24	5.1-6.5	Low----------	0.32	5	4-8
	3-37	40-45	1.30-1.40	0.06-0.2	0.20-0.23	5.6-6.5	Moderate-----	0.24		
	37-62	27-45	1.20-1.40	0.06-0.2	0.20-0.22	5.6-6.5	Moderate-----	0.24		
100A, 100B------- Kubli	0-15	18-25	1.35-1.50	0.6-2.0	0.16-0.18	6.6-7.3	Low----------	0.28	2	2-6
	15-31	18-25	1.35-1.50	0.6-2.0	0.16-0.18	6.6-7.3	Moderate-----	0.43		
	31-60	35-50	1.20-1.30	<0.06	0.14-0.16	6.6-7.3	High---------	0.32		
101E---------- Langellain	0-10	15-27	1.20-1.30	0.6-2.0	0.14-0.18	5.6-6.5	Low----------	0.24	2	1-3
	10-21	20-35	1.20-1.30	0.6-2.0	0.16-0.20	5.6-6.0	Moderate-----	0.28		
	21-38	45-60	1.30-1.50	<0.06	0.06-0.09	5.1-5.5	High---------	0.28		
	38	---	---	---	---	---	----------	----		
102B*, 102D*, 103E*:										
Langellain-----	0-10	15-27	1.20-1.30	0.6-2.0	0.14-0.18	5.6-6.5	Low----------	0.24	2	1-3
	10-21	20-35	1.20-1.30	0.6-2.0	0.16-0.20	5.6-6.0	Moderate-----	0.28		
	21-38	45-60	1.30-1.50	<0.06	0.06-0.09	5.1-5.5	High---------	0.28		
	38	---	---	---	---	---	----------	----		
Brader---------	0-6	15-25	1.35-1.50	0.6-2.0	0.14-0.18	6.1-7.3	Low----------	0.20	1	1-3
	6-13	20-35	1.30-1.45	0.6-2.0	0.13-0.20	6.1-7.3	Moderate-----	0.24		
	13	---	---	---	---	---	----------	----		
104E, 105E------- Lettia	0-3	8-15	1.20-1.30	2.0-6.0	0.10-0.13	5.6-6.5	Low----------	0.15	3	3-8
	3-55	20-35	1.30-1.50	0.2-0.6	0.14-0.17	5.1-6.5	Moderate-----	0.24		
	55	---	---	---	---	---	----------	----		
106C---------- Lobert	0-20	10-15	1.10-1.20	0.6-2.0	0.11-0.13	5.6-7.3	Low----------	0.24	5	2-4
	20-60	10-18	1.10-1.20	0.6-2.0	0.14-0.22	5.6-7.3	Low----------	0.37		
107E*:										
Lorella---------	0-5	12-25	1.20-1.40	0.6-2.0	0.06-0.10	5.6-7.3	Low----------	0.15	1	2-4
	5-9	27-40	1.20-1.30	0.2-0.6	0.06-0.13	5.6-7.3	Moderate-----	0.17		
	9-17	35-50	1.20-1.30	0.06-0.2	0.05-0.07	6.1-7.3	High---------	0.15		
	17	---	---	---	---	---	----------	----		
Skookum---------	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
108B, 108D, 108E, 108F---------- Manita	0-8	18-27	1.35-1.50	0.6-2.0	0.13-0.18	5.6-6.5	Low----------	0.32	3	2-4
	8-58	35-45	1.20-1.40	0.2-0.6	0.12-0.21	5.6-6.5	High---------	0.24		
	58	---	---	---	---	---	----------	----		
109E*:										
Manita----------	0-8	18-27	1.35-1.50	0.6-2.0	0.13-0.18	5.6-6.5	Low----------	0.32	3	2-4
	8-58	35-45	1.20-1.40	0.2-0.6	0.12-0.21	5.6-6.5	High---------	0.24		
	58	---	---	---	---	---	----------	----		
Vannoy----------	0-11	15-22	1.35-1.55	0.6-2.0	0.17-0.20	5.1-6.5	Low----------	0.37	2	2-4
	11-38	27-35	1.55-1.70	0.2-0.6	0.12-0.18	5.6-6.5	Moderate-----	0.32		
	38	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
110E---------- McMullin	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
111G*:										
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
McNull----------	0-6	20-27	1.35-1.50	0.6-2.0	0.12-0.16	6.1-6.5	Low----------	0.15	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		
112F*:										
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
Medco----------	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate-----	0.10	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate-----	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High---------	0.15		
	30	---	---	---	---	---	----------	----		
113E*, 113G*:										
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
Rock outcrop.										
114E, 114G------- McNull	0-6	20-27	1.35-1.50	0.6-2.0	0.14-0.18	6.1-6.5	Low----------	0.24	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		
115E, 115G------- McNull	0-6	20-27	1.35-1.50	0.6-2.0	0.12-0.16	6.1-6.5	Low----------	0.15	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		
116E*, 116G*:										
McNull----------	0-6	20-27	1.35-1.50	0.6-2.0	0.12-0.16	6.1-6.5	Low----------	0.15	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
117G*:										
McNull----------	0-6	20-27	1.35-1.50	0.6-2.0	0.14-0.18	6.1-6.5	Low----------	0.24	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
118E*:										
McNull----------	0-6	20-27	1.35-1.50	0.6-2.0	0.12-0.16	6.1-6.5	Low----------	0.15	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High---------	0.17		
	32	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
118E*:										
Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate	0.10	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High	0.15		
	30	---	---	---	---	---	---	---		
119F*:										
McNull	0-6	20-27	1.35-1.50	0.6-2.0	0.14-0.18	6.1-6.5	Low	0.24	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High	0.17		
	32	---	---	---	---	---	---	---		
Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate	0.10	2	2-7
	7-13	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-7.3	Moderate	0.10		
	13-35	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.5	High	0.15		
	35	---	---	---	---	---	---	---		
120B, 120C Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.17-0.20	6.6-7.3	Moderate	0.15	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High	0.15		
	30	---	---	---	---	---	---	---		
121E, 122E Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate	0.10	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High	0.15		
	30	---	---	---	---	---	---	---		
123F, 124F Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.17-0.20	6.6-7.3	Moderate	0.15	2	2-7
	7-13	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-7.3	Moderate	0.10		
	13-35	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.5	High	0.15		
	35	---	---	---	---	---	---	---		
125C*, 125F*:										
Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate	0.10	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High	0.15		
	30	---	---	---	---	---	---	---		
McMullin	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low	0.20		
	17	---	---	---	---	---	---	---		
126F*:										
Medco	0-7	27-35	1.30-1.40	0.2-0.6	0.14-0.18	6.6-7.3	Moderate	0.10	2	2-7
	7-12	30-40	1.30-1.40	0.06-0.2	0.15-0.19	6.1-6.5	Moderate	0.10		
	12-30	50-60	1.20-1.30	<0.06	0.11-0.15	5.1-6.0	High	0.15		
	30	---	---	---	---	---	---	---		
McNull	0-6	20-27	1.35-1.50	0.6-2.0	0.14-0.18	6.1-6.5	Low	0.24	2	2-7
	6-32	35-50	1.25-1.40	0.06-0.2	0.10-0.18	5.1-6.0	High	0.17		
	32	---	---	---	---	---	---	---		
127A Medford	0-12	27-35	1.25-1.40	0.2-0.6	0.16-0.18	5.6-7.3	Moderate	0.32	5	2-4
	12-22	35-45	1.25-1.40	0.2-0.6	0.14-0.17	5.6-7.3	High	0.28		
	22-53	35-45	1.25-1.40	0.2-0.6	0.14-0.17	5.6-7.3	High	0.28		
	53-71	20-35	1.25-1.40	0.2-0.6	0.15-0.17	5.6-7.3	Moderate	0.28		
128B Medford	0-9	27-35	1.25-1.40	0.2-0.6	0.16-0.18	5.6-7.3	Moderate	0.32	5	2-4
	9-40	35-45	1.25-1.40	0.2-0.6	0.14-0.17	5.6-7.3	High	0.28		
	40-62	27-35	1.25-1.40	0.2-0.6	0.07-0.10	5.6-7.3	Moderate	0.10		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
129B---------- Merlin	0-11	20-27	1.10-1.20	0.6-2.0	0.10-0.14	6.1-7.3	Low----------	0.10	1	2-4
	11-13	60-70	1.20-1.40	<0.06	0.12-0.14	6.1-7.3	High----------	0.24		
	13	---	---	---	---	---	----------	----		
130E*, 131F*, 132F*:										
Musty----------	0-12	10-20	1.20-1.40	0.6-2.0	0.12-0.16	5.1-6.0	Low----------	0.15	2	2-4
	12-29	15-25	1.30-1.50	0.6-2.0	0.07-0.10	5.1-6.0	Low----------	0.10		
	29	---	---	---	---	---	----------	----		
Goolaway-------	0-11	15-27	1.20-1.30	0.6-2.0	0.18-0.20	5.6-6.0	Low----------	0.43	2	2-4
	11-29	18-27	1.25-1.35	0.6-2.0	0.19-0.21	5.6-6.0	Low----------	0.55		
	29	---	---	---	---	---	----------	----		
133A---------- Newberg	0-17	7-15	1.20-1.40	2.0-6.0	0.12-0.15	5.6-6.5	Low----------	0.28	5	2-4
	17-30	5-15	1.20-1.40	2.0-6.0	0.12-0.15	5.6-6.5	Low----------	0.24		
	30-60	2-10	1.20-1.40	6.0-20	0.09-0.13	5.6-7.3	Low----------	0.17		
134F*:										
Norling---------	0-5	15-27	1.20-1.30	0.6-2.0	0.08-0.16	5.1-6.0	Low----------	0.17	2	2-5
	5-22	18-35	1.30-1.45	0.6-2.0	0.12-0.20	4.5-6.0	Moderate-----	0.28		
	22-29	18-35	1.30-1.45	0.6-2.0	0.09-0.15	4.5-6.0	Moderate-----	0.20		
	29	---	---	---	---	---	----------	----		
Acker----------	0-8	15-25	1.10-1.25	0.6-2.0	0.08-0.12	5.1-6.5	Low----------	0.20	5	3-6
	8-17	20-30	1.20-1.30	0.6-2.0	0.08-0.15	5.1-6.5	Low----------	0.28		
	17-60	27-40	1.25-1.45	0.2-0.6	0.08-0.17	5.1-6.0	Moderate-----	0.24		
135E, 135G, 136E, 137C---------- Oatman	0-16	15-25	1.10-1.30	0.6-2.0	0.11-0.16	6.1-6.5	Low----------	0.15	5	2-5
	16-60	15-27	1.10-1.30	0.6-2.0	0.06-0.12	5.6-6.5	Low----------	0.10		
138C*:										
Oatman----------	0-16	15-25	1.10-1.30	0.6-2.0	0.11-0.16	6.1-6.5	Low----------	0.15	5	2-5
	16-60	15-27	1.10-1.30	0.6-2.0	0.06-0.12	5.6-6.5	Low----------	0.10		
Otwin----------	0-3	10-18	0.85-0.95	2.0-6.0	0.13-0.25	6.1-6.5	Low----------	0.10	2	2-4
	3-28	10-18	0.85-0.95	2.0-6.0	0.10-0.15	5.6-6.5	Low----------	0.05		
	28	---	---	---	---	---	----------	----		
139A---------- Padigan	0-12	60-70	1.20-1.30	<0.06	0.12-0.14	7.4-7.8	High----------	0.17	5	2-4
	12-42	60-70	1.20-1.30	<0.06	0.12-0.14	7.9-9.0	High----------	0.17		
	42-60	25-35	1.35-1.55	0.2-0.6	0.14-0.16	7.9-8.4	Moderate-----	0.10		
140G*:										
Pearsoll--------	0-7	30-40	1.30-1.40	0.2-0.6	0.05-0.07	6.1-7.3	High----------	0.20	1	4-7
	7-19	40-60	1.20-1.30	0.06-0.2	0.04-0.07	6.1-7.3	High----------	0.17		
	19	---	---	---	---	---	----------	----		
Dubakella-------	0-11	20-35	1.25-1.40	0.2-0.6	0.08-0.12	5.6-7.3	Moderate-----	0.15	2	4-8
	11-31	35-50	1.25-1.40	0.06-0.2	0.08-0.10	6.1-7.8	Moderate-----	0.10		
	31	---	---	---	---	---	----------	----		
141A---------- Phoenix	0-20	60-70	1.20-1.30	<0.06	0.14-0.16	6.1-7.3	High----------	0.17	2	2-4
	20-40	60-70	1.20-1.30	<0.06	0.14-0.16	6.6-7.8	High----------	0.17		
	40	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
142C, 143E, 144E-	0-15	15-25	1.30-1.40	0.6-2.0	0.15-0.20	6.1-6.5	Low----------	0.20	5	2-4
Pinehurst	15-60	20-35	1.25-1.35	0.2-0.6	0.13-0.20	5.1-6.0	Low----------	0.20		
145C*:										
Pinehurst-------	0-15	15-27	1.00-1.20	0.6-2.0	0.15-0.20	5.6-6.5	Low----------	0.24	5	2-4
	15-60	27-35	1.20-1.40	0.2-0.6	0.13-0.20	5.1-6.5	Moderate-----	0.20		
Greystoke-------	0-3	15-27	0.95-1.10	0.6-2.0	0.10-0.14	5.6-6.5	Low----------	0.20	3	3-8
	3-23	20-30	0.10-1.20	0.6-2.0	0.07-0.11	5.6-6.5	Low----------	0.17		
	23-42	27-35	1.20-1.40	0.2-0.6	0.05-0.09	5.1-6.5	Moderate-----	0.05		
	42	---	---	---	---	---	----------	----		
146*.										
Pits										
147C*, 148C*:										
Pokegema--------	0-8	15-24	0.85-0.95	2.0-6.0	0.11-0.13	6.1-6.5	Low----------	0.17	3	4-8
	8-16	27-35	0.90-1.10	0.6-2.0	0.11-0.13	6.1-6.5	Low----------	0.24		
	16-52	35-55	1.20-1.40	0.2-0.6	0.11-0.14	5.6-6.5	Moderate-----	0.28		
	52	---	---	---	---	---	----------	----		
Woodcock--------	0-4	15-25	1.10-1.20	0.6-2.0	0.07-0.09	6.1-7.3	Low----------	0.20	5	5-10
	4-39	25-35	1.10-1.25	0.6-2.0	0.04-0.08	6.1-7.3	Low----------	0.17		
	39-62	15-30	1.10-1.20	0.6-2.0	0.04-0.08	5.6-6.5	Low----------	0.17		
149B, 149D-------	0-11	20-27	1.15-1.40	0.6-2.0	0.11-0.15	5.6-7.3	Low----------	0.24	5	1-3
Pollard	11-61	35-50	1.25-1.50	0.06-0.2	0.09-0.12	5.1-6.5	Moderate-----	0.32		
150E----------	0-9	20-27	1.35-1.45	0.6-2.0	0.08-0.12	6.1-7.3	Low----------	0.10	5	2-4
Provig	9-15	35-45	1.30-1.40	0.2-0.6	0.07-0.13	6.1-7.3	Moderate-----	0.10		
	15-60	35-50	1.20-1.40	0.06-0.2	0.03-0.06	6.1-7.3	High---------	0.02		
151C*:										
Provig----------	0-9	20-27	1.35-1.45	0.6-2.0	0.08-0.12	6.1-7.3	Low----------	0.10	5	2-4
	9-15	35-45	1.30-1.40	0.2-0.6	0.07-0.13	6.1-7.3	Moderate-----	0.10		
	15-60	35-50	1.20-1.40	0.06-0.2	0.03-0.06	6.1-7.3	High---------	0.02		
Agate----------	0-6	18-27	1.35-1.50	0.6-2.0	0.14-0.18	5.6-6.5	Low----------	0.24	2	1-3
	6-25	18-35	1.30-1.50	0.2-0.6	0.12-0.19	5.6-6.5	Moderate-----	0.20		
	25-30	---	---	---	---	---	----------	----		
	30-62	5-20	1.40-1.60	0.6-2.0	---	6.6-7.3	Low----------	0.05		
152B*:										
Randcore--------	0-1	12-20	1.35-1.50	0.6-2.0	0.05-0.08	6.1-6.5	Low----------	0.10	1	1-2
	1-6	12-25	1.35-1.50	0.6-2.0	0.13-0.16	6.1-6.5	Low----------	0.28		
	6	---	---	---	---	---	----------	----		
Shoat----------	0-4	12-20	1.10-1.25	0.6-2.0	0.14-0.18	6.1-7.3	Low----------	0.32	2	1-3
	4-24	18-30	1.30-1.50	0.6-2.0	0.14-0.21	6.1-7.3	Low----------	0.37		
	24	---	---	---	---	---	----------	----		
153B*:										
Reinecke--------	0-9	3-5	0.75-0.90	2.0-6.0	0.20-0.25	5.6-6.5	Low----------	0.32	5	2-4
	9-25	3-5	0.75-0.90	2.0-6.0	0.20-0.25	5.6-6.5	Low----------	0.32		
	25-33	10-20	1.20-1.30	0.6-2.0	0.15-0.17	5.1-6.0	Low----------	0.24		
	33-60	25-35	1.30-1.45	0.6-2.0	0.10-0.20	5.1-6.0	Low----------	0.17		
Coyata----------	0-11	18-27	1.35-1.50	0.6-2.0	0.12-0.15	5.6-6.5	Low----------	0.20	2	6-10
	11-31	25-35	1.20-1.45	0.6-2.0	0.04-0.09	5.1-6.5	Low----------	0.05		
	31	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
154*. Riverwash										
155E, 155G, 156E, 156G---------- Rogue	0-6	5-15	1.40-1.60	2.0-6.0	0.07-0.11	5.6-7.3	Low----------	0.17	3	3-8
	6-34	5-15	1.40-1.60	2.0-6.0	0.07-0.11	5.6-7.3	Low----------	0.28		
	34-54	3-10	1.45-1.65	2.0-6.0	0.05-0.10	5.1-6.0	Low----------	0.32		
	54	---	---	---	---	---	----------	----		
157B---------- Ruch	0-7	12-20	1.15-1.45	0.6-2.0	0.15-0.18	6.1-7.3	Low----------	0.32	5	1-3
	7-70	25-35	1.45-1.70	0.2-0.6	0.12-0.16	5.6-6.5	Moderate-----	0.37		
158B, 158D------- Ruch	0-7	12-20	1.15-1.45	0.6-2.0	0.13-0.17	6.1-7.3	Low----------	0.24	5	1-3
	7-70	25-35	1.45-1.70	0.2-0.6	0.12-0.16	5.6-6.5	Moderate-----	0.37		
159C, 160E, 160G- Rustlerpeak	0-12	18-27	0.85-0.95	0.6-2.0	0.20-0.25	5.6-6.5	Low----------	0.15	2	4-8
	12-23	20-35	1.00-1.20	0.2-2.0	0.05-0.09	5.6-6.5	Moderate-----	0.05		
	23	---	---	---	---	---	----------	----		
161G*:										
Rustlerpeak-----	0-12	18-27	0.85-0.95	0.6-2.0	0.20-0.25	5.6-6.5	Low----------	0.15	2	4-8
	12-23	20-35	1.00-1.20	0.2-2.0	0.05-0.09	5.6-6.5	Moderate-----	0.05		
	23	---	---	---	---	---	----------	----		
Rock outcrop.										
162B, 162D------- Selmac	0-17	22-27	1.35-1.50	0.6-2.0	0.14-0.18	5.1-6.0	Low----------	0.24	2	1-3
	17-29	27-35	1.30-1.40	0.2-0.6	0.10-0.20	5.1-6.0	Moderate-----	0.28		
	29-60	55-70	1.20-1.30	<0.06	0.10-0.14	5.6-6.5	High---------	0.28		
163A---------- Sevenoaks	0-14	0-5	1.45-1.75	2.0-6.0	0.12-0.16	5.6-6.5	Low----------	0.05	5	1-3
	14-60	0-5	1.50-1.80	6.0-20	0.06-0.12	5.6-6.5	Low----------	0.05		
164B, 164D, 165E, 166E---------- Shefflein	0-10	8-15	1.20-1.30	2.0-6.0	0.14-0.17	5.6-6.5	Low----------	0.15	3	2-4
	10-56	20-35	1.30-1.50	0.2-0.6	0.14-0.17	5.6-6.5	Moderate-----	0.24		
	56	---	---	---	---	---	----------	----		
167B---------- Sibannac	0-6	20-27	1.25-1.40	0.6-2.0	0.19-0.21	5.6-6.0	Moderate-----	0.28	5	4-8
	6-60	27-35	1.25-1.40	0.2-0.6	0.19-0.21	5.6-6.5	Moderate-----	0.24		
168G, 169G------- Siskiyou	0-9	8-12	1.40-1.60	2.0-6.0	0.07-0.12	5.6-6.5	Low----------	0.15	2	2-4
	9-35	8-12	1.40-1.60	2.0-6.0	0.07-0.09	5.1-6.5	Low----------	0.28		
	35	---	---	---	---	---	----------	----		
170C---------- Skookum	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
171E*, 172E*:										
Skookum---------	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
Bogus----------	0-15	22-27	1.35-1.50	0.6-2.0	0.11-0.13	5.6-6.5	Low----------	0.10	5	2-4
	15-21	27-35	1.25-1.40	0.2-0.6	0.13-0.17	5.6-6.5	Moderate-----	0.24		
	21-65	35-45	1.25-1.40	0.06-0.2	0.12-0.15	5.6-6.0	High---------	0.28		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
173D*, 173F*:										
Skookum---------	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
Rock outcrop.										
McMullin--------	0-7	15-25	1.35-1.55	0.6-2.0	0.10-0.15	5.6-6.5	Low----------	0.17	1	1-3
	7-17	20-35	1.30-1.50	0.6-2.0	0.10-0.17	5.6-6.0	Low----------	0.20		
	17	---	---	---	---	---	----------	----		
174G*:										
Skookum---------	0-8	20-27	1.35-1.50	0.2-0.6	0.04-0.09	6.6-7.3	Moderate-----	0.10	2	2-7
	8-28	35-50	1.20-1.40	0.06-0.2	0.04-0.07	6.6-7.3	High---------	0.05		
	28	---	---	---	---	---	----------	----		
Rock outcrop.										
Rubble land.										
175F, 176F------- Snowbrier	0-12	15-25	1.20-1.40	0.6-2.0	0.12-0.16	5.1-6.5	Low----------	0.15	2	3-8
	12-39	15-25	1.30-1.50	0.6-2.0	0.08-0.12	5.1-6.5	Low----------	0.10		
	39	---	---	---	---	---	----------	----		
177C, 178E------- Snowlin	0-20	18-27	0.85-0.95	0.6-2.0	0.20-0.25	5.6-6.5	Low----------	0.20	5	3-8
	20-34	27-35	1.00-1.20	0.2-0.6	0.10-0.17	5.1-6.5	Moderate-----	0.15		
	34-60	27-35	1.00-1.20	0.2-0.6	0.07-0.10	5.1-6.5	Moderate-----	0.10		
179F*:										
Speaker---------	0-13	18-25	1.35-1.50	0.6-2.0	0.14-0.16	5.1-6.5	Low----------	0.24	2	2-4
	13-35	25-35	1.30-1.45	0.2-0.6	0.12-0.20	4.5-6.0	Moderate-----	0.32		
	35	---	---	---	---	---	----------	----		
Josephine-------	0-15	18-27	1.35-1.50	0.6-2.0	0.10-0.16	5.1-6.5	Low----------	0.20	3	3-6
	15-55	27-35	1.30-1.40	0.2-0.6	0.09-0.18	4.5-6.5	Moderate-----	0.28		
	55	---	---	---	---	---	----------	----		
180G, 181G------- Steinmetz	0-13	10-15	1.30-1.50	2.0-6.0	0.09-0.13	5.1-6.5	Low----------	0.15	5	2-4
	13-60	10-18	1.40-1.60	2.0-6.0	0.07-0.13	4.5-6.0	Low----------	0.20		
182E, 183E------- Straight	0-9	18-27	1.10-1.40	0.6-2.0	0.03-0.06	5.6-6.0	Low----------	0.05	2	2-4
	9-35	18-30	1.10-1.40	0.6-2.0	0.06-0.10	5.6-6.0	Low----------	0.10		
	35	---	---	---	---	---	----------	----		
184G*, 185G*:										
Straight--------	0-9	18-27	1.10-1.40	0.6-2.0	0.03-0.06	5.6-6.0	Low----------	0.05	2	2-4
	9-35	18-30	1.10-1.40	0.6-2.0	0.06-0.10	5.6-6.0	Low----------	0.10		
	35	---	---	---	---	---	----------	----		
Shippa----------	0-4	18-27	1.25-1.40	2.0-6.0	0.05-0.07	6.1-6.5	Low----------	0.02	1	2-4
	4-16	18-27	1.25-1.40	2.0-6.0	0.05-0.09	5.6-6.5	Low----------	0.02		
	16	---	---	---	---	---	----------	----		
186H*:										
Tablerock-------	0-3	15-27	1.20-1.30	0.6-2.0	0.12-0.16	6.1-7.3	Low----------	0.15	5	2-4
	3-20	30-45	1.20-1.30	0.2-0.6	0.09-0.12	5.6-6.5	Moderate-----	0.10		
	20-38	40-60	1.30-1.40	<0.06	0.08-0.12	5.6-6.0	High---------	0.10		
	38-65	20-35	1.20-1.30	0.2-2.0	0.10-0.16	5.1-6.0	Moderate-----	0.15		
	65	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
186H*:										
Rock outcrop.										
187A----------	0-6	15-23	1.35-1.50	2.0-6.0	0.09-0.14	6.1-6.5	Low----------	0.17	5	2-4
Takilma	6-15	18-30	1.30-1.50	2.0-6.0	0.06-0.11	6.1-6.5	Low----------	0.17		
	15-60	10-18	1.35-1.60	6.0-20.0	0.03-0.05	6.6-7.3	Low----------	0.20		
188E, 188G, 189E, 189G----------	0-6	8-12	1.40-1.60	2.0-6.0	0.07-0.12	5.6-6.5	Low----------	0.15	2	1-3
Tallowbox	6-23	8-12	1.40-1.60	2.0-6.0	0.07-0.09	5.1-6.5	Low----------	0.28		
	23	---	---	---	---	---	----------	----		
190E, 190G, 191E, 191G----------	0-11	22-27	1.35-1.45	0.6-2.0	0.12-0.16	6.1-7.3	Low----------	0.15	5	4-8
Tatouche	11-60	35-50	1.25-1.35	0.2-0.6	0.11-0.19	5.6-6.5	High----------	0.24		
	60-73	30-40	1.30-1.40	0.2-0.6	0.15-0.20	5.6-6.5	Moderate-----	0.24		
192A----------	0-10	30-40	1.30-1.40	0.2-0.6	0.19-0.21	5.6-6.0	Moderate-----	0.24	5	2-7
Terrabella	10-50	40-55	1.20-1.40	0.06-0.2	0.15-0.20	6.1-6.5	High----------	0.28		
	50-60	35-55	1.20-1.40	0.06-0.2	0.17-0.21	6.1-6.5	High----------	0.28		
193G, 194G-------	0-10	5-18	1.25-1.50	2.0-6.0	0.09-0.11	5.6-6.5	Low----------	0.15	5	2-4
Tethrick	10-60	5-18	1.40-1.70	0.6-2.0	0.07-0.10	5.1-6.5	Low----------	0.28		
195E, 195F, 196E-	0-11	15-22	1.35-1.55	0.6-2.0	0.17-0.20	5.1-6.5	Low----------	0.37	2	2-4
Vannoy	11-38	27-35	1.55-1.70	0.2-0.6	0.12-0.18	5.6-6.5	Moderate-----	0.32		
	38	---	---	---	---	---	----------	----		
197F*:										
Vannoy----------	0-11	15-22	1.35-1.55	0.6-2.0	0.17-0.20	5.1-6.5	Low----------	0.37	2	2-4
	11-38	27-35	1.55-1.70	0.2-0.6	0.12-0.18	5.6-6.5	Moderate-----	0.32		
	38	---	---	---	---	---	----------	----		
Voorhies--------	0-8	15-22	1.35-1.50	0.6-2.0	0.08-0.11	6.6-7.3	Low----------	0.20	2	2-4
	8-36	25-35	1.30-1.50	0.6-2.0	0.07-0.12	6.1-7.3	Moderate-----	0.24		
	36	---	---	---	---	---	----------	----		
198A----------	0-4	35-40	1.30-1.40	0.06-0.2	0.10-0.15	6.1-6.5	Moderate-----	0.10	1	1-3
Winlo	4-9	40-50	1.20-1.30	0.06-0.2	0.08-0.12	6.1-6.5	High----------	0.05		
	9-17	---	---	---	---	---	----------	----		
	17-60	5-20	1.40-1.60	0.6-2.0	---	6.6-7.3	Low----------	0.05		
199C, 200E, 201E-	0-11	5-15	1.20-1.30	2.0-6.0	0.10-0.13	5.1-6.5	Low----------	0.15	5	2-6
Wolfpeak	11-60	25-35	1.30-1.50	0.2-0.6	0.11-0.17	5.1-6.5	Moderate-----	0.20		
202F, 203F-------	0-4	15-25	1.10-1.20	0.6-2.0	0.07-0.09	6.1-7.3	Low----------	0.20	5	5-10
Woodcock	4-39	25-35	1.10-1.25	0.6-2.0	0.04-0.08	6.1-7.3	Low----------	0.17		
	39-62	15-30	1.10-1.20	0.6-2.0	0.04-0.08	5.6-6.5	Low----------	0.17		
204E*, 205E*, 206E*:										
Woodcock-------	0-4	15-25	1.10-1.20	0.6-2.0	0.07-0.09	6.1-7.3	Low----------	0.20	5	5-10
	4-39	25-35	1.10-1.25	0.6-2.0	0.04-0.08	6.1-7.3	Low----------	0.17		
	39-62	15-30	1.10-1.20	0.6-2.0	0.04-0.08	5.6-6.5	Low----------	0.17		
Pokegema-------	0-8	15-24	0.85-0.95	2.0-6.0	0.11-0.13	6.1-6.5	Low----------	0.17	3	4-8
	8-16	27-35	0.90-1.10	0.6-2.0	0.11-0.13	6.1-6.5	Low----------	0.24		
	16-52	35-55	1.20-1.40	0.2-0.6	0.11-0.14	5.6-6.5	Moderate-----	0.28		
	52	---	---	---	---	---	----------	----		

See footnote at end of table.

TABLE 14.--PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS--Continued

Soil name and map symbol	Depth	Clay	Moist bulk density	Permeability	Available water capacity	Soil reaction	Shrink-swell potential	Erosion factors K	Erosion factors T	Organic matter
	In	Pct	g/cc	In/hr	In/in	pH				Pct
207E*, 207G*:										
Woodseye--------	0-2	10-20	1.35-1.45	0.6-2.0	0.10-0.15	6.1-6.5	Low----------	0.15	1	1-4
	2-18	18-27	1.35-1.50	0.6-2.0	0.06-0.11	5.6-6.5	Low----------	0.05		
	18	---	---	---	---	---	----------	----		
Rock outcrop.										
208C*:										
Xerorthents-----	0-60	---	---	---	---	---	Low----------	0.05	1	---
Dumps.										

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

TABLE 15.--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	Kind	Months
					Ft		
1B, 1C Abegg	B	None	---	---	>6.0	---	---
2A Abin	B	Occasional	Brief	Dec-Mar	3.0-5.0	Apparent	Dec-Apr
3E*, 4E*:							
Acker	B	None	---	---	>6.0	---	---
Dumont	B	None	---	---	>6.0	---	---
5F*:							
Acker	B	None	---	---	>6.0	---	---
Norling	C	None	---	---	>6.0	---	---
6B*:							
Agate	D	None	---	---	>6.0	---	---
Winlo	D	None	---	---	+.5-0.5	Perched	Dec-Feb
7C*:							
Aspenlake	C	None	---	---	>6.0	---	---
Whiteface	D	None	---	---	>6.0	---	---
8A Barhiskey	A	None	---	---	>6.0	---	---
9A Barhiskey Variant	D	None	---	---	1.0-3.0	Apparent	Jan-Aug
10B, 10C Barron	B	None	---	---	>6.0	---	---
11G*, 12G*:							
Beekman	C	None	---	---	>6.0	---	---
Colestine	C	None	---	---	>6.0	---	---
13C*, 13E*:							
Bly	B	None	---	---	>6.0	---	---
Royst	C	None	---	---	>6.0	---	---
14G Bogus	C	None	---	---	>6.0	---	---
15C*:							
Bogus	C	None	---	---	>6.0	---	---
Skookum	C	None	---	---	>6.0	---	---
16A*:							
Booth	C	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
16A*:							
Kanutchan Variant	D	None	---	---	+.5-0	Perched	Feb-Apr
17C*, 17E*:							
Brader	D	None	---	---	>6.0	---	---
Debenger	C	None	---	---	>6.0	---	---
18C Bybee	D	None	---	---	1.0-3.0	Perched	Dec-May
19E*, 20E*:							
Bybee	D	None	---	---	1.0-3.0	Perched	Dec-May
Tatouche	B	None	---	---	>6.0	---	---
21A, 22A Camas	A	Occasional	Brief	Nov-May	>6.0	---	---
23A*:							
Camas	A	Occasional	Brief	Nov-May	>6.0	---	---
Newberg	B	Occasional	Brief	Dec-Mar	>6.0	---	---
Evans	B	Occasional	Brief	Dec-Mar	>6.0	---	---
24C*, 24E*:							
Campfour	B	None	---	---	>6.0	---	---
Paragon	C	None	---	---	>6.0	---	---
25G*, 26G*:							
Caris	C	None	---	---	>6.0	---	---
Offenbacher	C	None	---	---	>6.0	---	---
27B, 27D, 28D, 28E, 29D, 29E Carney	D	None	---	---	3.0-3.5	Perched	Dec-Apr
30E*:							
Carney	D	None	---	---	3.0-3.5	Perched	Dec-Apr
Tablerock	D	None	---	---	4.0-6.0	Perched	Dec-Apr
31A Central Point	B	None	---	---	4.0-6.0	Apparent	Dec-Mar
32B Clawson	C	None	---	---	1.0-3.0	Apparent	Nov-Jun
33A, 33C Coker	D	None	---	---	0.5-1.5	Apparent	Dec-Apr
34B Coleman	C	None	---	---	1.5-2.0	Apparent	Dec-Apr
35A Cove	D	Frequent	Brief	Dec-Apr	0-1.0	Apparent	Dec-Jun

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
36G*, 37G*:							
Coyata	C	None	---	---	>6.0	---	---
Rock outcrop.							
38C*, 39E*, 40E*:							
Crater Lake	B	None	---	---	>6.0	---	---
Alcot	A	None	---	---	>6.0	---	---
41G*, 42G*:							
Crater Lake	B	None	---	---	>6.0	---	---
Rock outcrop.							
43B, 43D, 43E Darow	C	None	---	---	3.0-3.5	Perched	Dec-Apr
44C*, 44E*:							
Debenger	C	None	---	---	>6.0	---	---
Brader	D	None	---	---	>6.0	---	---
45G, 46G Donegan	C	None	---	---	>6.0	---	---
47C*, 48E*, 49E*:							
Donegan	C	None	---	---	>6.0	---	---
Killet	B	None	---	---	>6.0	---	---
50E, 50G Dubakella	C	None	---	---	>6.0	---	---
51C Dumont	B	None	---	---	>6.0	---	---
52C*, 53E*, 53G*, 54E*, 54G*:							
Dumont	B	None	---	---	>6.0	---	---
Coyata	C	None	---	---	>6.0	---	---
55A Evans	B	Occasional	Brief	Dec-Mar	>6.0	---	---
56C, 57E, 57G, 58E, 58G Farva	C	None	---	---	>6.0	---	---
59G*, 60G*:							
Farva	C	None	---	---	>6.0	---	---
Rock outcrop.							
61A Foehlin	B	None	---	---	>6.0	---	---
62C, 63E, 64E Freezener	B	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
65C*, 66E*, 66G*, 67E*, 67G*:							
Freezener	B	None	---	---	>6.0	---	---
Geppert	C	None	---	---	>6.0	---	---
68C, 69E, 69G, 70E, 70G-Geppert	C	None	---	---	>6.0	---	---
71E, 71F, 72E, 72F-Goolaway	C	None	---	---	>6.0	---	---
73E*:							
Goolaway	C	None	---	---	>6.0	---	---
Pollard	C	None	---	---	>6.0	---	---
74F, 74G, 75E, 75F, 75G-Gravecreek	C	None	---	---	>6.0	---	---
76A-Gregory	D	None	---	---	0-1.0	Apparent	Dec-May
77F, 77G, 78F-Greystoke	B	None	---	---	>6.0	---	---
79E*, 80E*:							
Greystoke	B	None	---	---	>6.0	---	---
Pinehurst	B	None	---	---	>6.0	---	---
81G-Heppsie	D	None	---	---	>6.0	---	---
82G*:							
Heppsie	D	None	---	---	>6.0	---	---
McMullin	D	None	---	---	>6.0	---	---
83E, 83G, 84E, 84G-Hobit	C	None	---	---	>6.0	---	---
85A-Hoxie	D	None	---	---	0-3.0	Apparent	Mar-Jun
86C-Hukill	B	None	---	---	>6.0	---	---
87F, 87G, 88F-Jayar	C	None	---	---	>6.0	---	---
89E-Jayar Variant	C	None	---	---	>6.0	---	---
90E*, 91E*:							
Josephine	B	None	---	---	>6.0	---	---
Pollard	C	None	---	---	>6.0	---	---
92E*, 92F*, 93E*:							
Josephine	B	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
92E*, 92F*, 93E*:							
Speaker	C	None	---	---	>6.0	---	---
94G*, 95G*:							
Kanid	B	None	---	---	>6.0	---	---
Atring	B	None	---	---	>6.0	---	---
96B Kanutchan	D	None	---	---	0-1.5	Apparent	Dec-May
97A Kerby	B	None	---	---	>6.0	---	---
98A Kerby	C	None	---	---	1.5-2.5	Perched	Dec-May
99A Klamath	D	Frequent	Long	Mar-May	0-3.0	Apparent	Mar-Jun
100A, 100B Kubli	D	None	---	---	0.5-3.0	Perched	Nov-Apr
101E Langellain	D	None	---	---	0.5-2.0	Perched	Dec-May
102B*, 102D*, 103E*:							
Langellain	D	None	---	---	0.5-2.0	Perched	Dec-May
Brader	D	None	---	---	>6.0	---	---
104E, 105E Lettia	B	None	---	---	>6.0	---	---
106C Lobert	B	None	---	---	>6.0	---	---
107E*:							
Lorella	D	None	---	---	>6.0	---	---
Skookum	C	None	---	---	>6.0	---	---
108B, 108D, 108E, 108F Manita	C	None	---	---	>6.0	---	---
109E*:							
Manita	C	None	---	---	>6.0	---	---
Vannoy	C	None	---	---	>6.0	---	---
110E McMullin	D	None	---	---	>6.0	---	---
111G*:							
McMullin	D	None	---	---	>6.0	---	---
McNull	C	None	---	---	>6.0	---	---
112F*:							
McMullin	D	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
112F*:							
Medco	D	None	---	---	0.5-1.5	Perched	Dec-Mar
113E*, 113G*:							
McMullin	D	None	---	---	>6.0	---	---
Rock outcrop.							
114E, 114G, 115E, 115G-- McNull	C	None	---	---	>6.0	---	---
116E*, 116G*, 117G*:							
McNull	C	None	---	---	>6.0	---	---
McMullin	D	None	---	---	>6.0	---	---
118E*, 119F*:							
McNull	C	None	---	---	>6.0	---	---
Medco	D	None	---	---	0.5-1.5	Perched	Dec-Mar
120B, 120C, 121E, 122E, 123F, 124F Medco	D	None	---	---	0.5-1.5	Perched	Dec-Mar
125C*, 125F*:							
Medco	D	None	---	---	0.5-1.5	Perched	Dec-Mar
McMullin	D	None	---	---	>6.0	---	---
126F*:							
Medco	D	None	---	---	0.5-1.5	Perched	Dec-Mar
McNull	C	None	---	---	>6.0	---	---
127A Medford	B	None	---	---	4.0-6.0	Apparent	Dec-Apr
128B Medford	B	None	---	---	3.0-5.0	Apparent	Dec-Apr
129B Merlin	D	None	---	---	>6.0	---	---
130E*, 131F*, 132F*:							
Musty	C	None	---	---	>6.0	---	---
Goolaway	C	None	---	---	>6.0	---	---
133A Newberg	B	Occasional	Brief	Dec-Mar	>6.0	---	---
134F*:							
Norling	C	None	---	---	>6.0	---	---
Acker	B	None	---	---	>6.0	---	---
135E, 135G, 136E, 137C-- Oatman	B	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
138C*:							
Oatman	B	None	---	---	>6.0	---	---
Otwin	C	None	---	---	>6.0	---	---
139A Padigan	D	None	---	---	+1-0.5	Perched	Nov-May
140G*:							
Pearsoll	D	None	---	---	>6.0	---	---
Dubakella	C	None	---	---	>6.0	---	---
141A Phoenix	D	None	---	---	0-0.5	Perched	Dec-May
142C, 143E, 144E Pinehurst	B	None	---	---	>6.0	---	---
145C*:							
Pinehurst	B	None	---	---	>6.0	---	---
Greystoke	B	None	---	---	>6.0	---	---
146*. Pits							
147C*, 148C*:							
Pokegema	B	None	---	---	>6.0	---	---
Woodcock	B	None	---	---	>6.0	---	---
149B, 149D Pollard	C	None	---	---	>6.0	---	---
150E Provig	C	None	---	---	>6.0	---	---
151C*:							
Provig	C	None	---	---	>6.0	---	---
Agate	D	None	---	---	>6.0	---	---
152B*:							
Randcore	D	None	---	---	+1-0.5	Perched	Jan-Feb
Shoat	C	None	---	---	>6.0	---	---
153B*:							
Reinecke	B	None	---	---	>6.0	---	---
Coyata	C	None	---	---	>6.0	---	---
154*. Riverwash							
155E, 155G, 156E, 156G Rogue	B	None	---	---	>6.0	---	---
157B, 158B, 158D Ruch	B	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
159C, 160E, 160G Rustlerpeak	C	None	---	---	>6.0	---	---
161G*:							
Rustlerpeak	C	None	---	---	>6.0	---	---
Rock outcrop.							
162B, 162D Selmac	D	None	---	---	1.5-3.0	Perched	Dec-May
163A Sevenoaks	A	None	---	---	>6.0	---	---
164B, 164D, 165E, 166E Shefflein	B	None	---	---	>6.0	---	---
167B Sibannac	D	None	---	---	0-1.0	Apparent	Jan-Jun
168G, 169G Siskiyou	B	None	---	---	>6.0	---	---
170C Skookum	C	None	---	---	>6.0	---	---
171E*, 172E*:							
Skookum	C	None	---	---	>6.0	---	---
Bogus	C	None	---	---	>6.0	---	---
173D*, 173F*:							
Skookum	C	None	---	---	>6.0	---	---
Rock outcrop.							
McMullin	D	None	---	---	>6.0	---	---
174G*:							
Skookum	C	None	---	---	>6.0	---	---
Rock outcrop.							
Rubble land.							
175F, 176F Snowbrier	C	None	---	---	>6.0	---	---
177C, 178E Snowlin	B	None	---	---	>6.0	---	---
179F*:							
Speaker	C	None	---	---	>6.0	---	---
Josephine	B	None	---	---	>6.0	---	---
180G, 181G Steinmetz	B	None	---	---	>6.0	---	---
182E, 183E Straight	C	None	---	---	>6.0	---	---

See footnote at end of table.

TABLE 15.--WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table		
		Frequency	Duration	Months	Depth	Kind	Months
					Ft		
184G*, 185G*:							
Straight	C	None	---	---	>6.0	---	---
Shippa	D	None	---	---	>6.0	---	---
186H*:							
Tablerock	D	None	---	---	4.0-6.0	Perched	Dec-Apr
Rock outcrop.							
187A Takilma	B	None	---	---	>6.0	---	---
188E, 188G, 189E, 189G Tallowbox	C	None	---	---	>6.0	---	---
190E, 190G, 191E, 191G Tatouche	B	None	---	---	>6.0	---	---
192A Terrabella	D	Rare	---	---	+.5-1.0	Apparent	Dec-May
193G, 194G Tethrick	B	None	---	---	>6.0	---	---
195E, 195F, 196E Vannoy	C	None	---	---	>6.0	---	---
197F*:							
Vannoy	C	None	---	---	>6.0	---	---
Voorhies	C	None	---	---	>6.0	---	---
198A Winlo	D	None	---	---	+.5-0.5	Perched	Dec-Feb
199C, 200E, 201E Wolfpeak	B	None	---	---	>6.0	---	---
202F, 203F Woodcock	B	None	---	---	>6.0	---	---
204E*, 205E*, 206E*:							
Woodcock	B	None	---	---	>6.0	---	---
Pokegema	B	None	---	---	>6.0	---	---
207E*, 207G*:							
Woodseye	D	None	---	---	>6.0	---	---
Rock outcrop.							
208C*:							
Xerorthents	A	None	---	---	>6.0	---	---
Dumps.							

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

TABLE 16.--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	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
1B, 1C Abegg	>60	---	---	---	---	Moderate	Moderate.
2A Abin	>60	---	---	---	---	High	Moderate.
3E*, 4E*:							
Acker	>60	---	---	---	---	Moderate	Moderate.
Dumont	>60	---	---	---	---	High	High.
5F*:							
Acker	>60	---	---	---	---	Moderate	Moderate.
Norling	20-40	Soft	---	---	---	High	High.
6B*:							
Agate	>60	---	20-30	Thin	---	Moderate	Moderate.
Winlo	>60	---	7-15	Thick	---	Moderate	Low.
7C*:							
Aspenlake	>60	---	20-40	Thick	Moderate	Moderate	Moderate.
Whiteface	>60	---	10-20	Thick	Moderate	Moderate	Moderate.
8A Barhiskey	>60	---	---	---	---	Moderate	Moderate.
9A Barhiskey Variant	>60	---	---	---	---	High	Moderate.
10B, 10C Barron	>60	---	---	---	---	Moderate	Moderate.
11G*, 12G*:							
Beekman	20-40	Hard	---	---	---	Moderate	Moderate.
Colestine	20-40	Hard	---	---	---	Moderate	Moderate.
13C*, 13E*:							
Bly	>60	---	---	---	Moderate	Moderate	Low.
Royst	20-40	Hard	---	---	Moderate	Moderate	Low.
14G Bogus	>60	---	---	---	---	Moderate	Moderate.
15C*:							
Bogus	>60	---	---	---	---	Moderate	Moderate.
Skookum	20-40	Hard	---	---	---	Moderate	Low.
16A*:							
Booth	20-40	Hard	---	---	Moderate	Moderate	Low.
Kanutchan Variant	20-40	Hard	---	---	Moderate	High	Moderate.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
17C*, 17E*:							
Brader	12-20	Soft	---	---	---	Moderate	Low.
Debenger	20-40	Soft	---	---	---	Moderate	Moderate.
18C Bybee	>60	---	---	---	Moderate	Moderate	Moderate.
19E*, 20E*:							
Bybee	>60	---	---	---	Moderate	Moderate	Moderate.
Tatouche	>60	---	---	---	Moderate	Moderate	Moderate.
21A, 22A Camas	>60	---	---	---	---	Moderate	Moderate.
23A*:							
Camas	>60	---	---	---	---	Moderate	Moderate.
Newberg	>60	---	---	---	---	Moderate	Moderate.
Evans	>60	---	---	---	---	Moderate	Moderate.
24C*, 24E*:							
Campfour	>60	---	---	---	---	Moderate	Moderate.
Paragon	20-40	Soft	---	---	---	Moderate	Moderate.
25G*, 26G*:							
Caris	20-40	Hard	---	---	---	Moderate	Moderate.
Offenbacher	20-40	Hard	---	---	---	Moderate	Moderate.
27B, 27D, 28D, 28E, 29D, 29E Carney	20-40	Soft	---	---	---	Moderate	Low.
30E*:							
Carney	20-40	Soft	---	---	---	Moderate	Low.
Tablerock	>60	---	---	---	---	High	Moderate.
31A Central Point	>60	---	---	---	---	Moderate	Moderate.
32B Clawson	>60	---	---	---	---	Moderate	Moderate.
33A, 33C Coker	>60	---	---	---	---	High	Low.
34B Coleman	>60	---	---	---	---	High	Moderate.
35A Cove	>60	---	---	---	---	Moderate	Moderate.
36G*, 37G*:							
Coyata	20-40	Hard	---	---	---	Moderate	Moderate.
Rock outcrop.							

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
38C*, 39E*, 40E*:							
Crater Lake	>60	---	---	---	Moderate	Moderate	Moderate.
Alcot	>60	---	---	---	Moderate	Moderate	Moderate.
41G*, 42G*:							
Crater Lake	>60	---	---	---	Moderate	Moderate	Moderate.
Rock outcrop.							
43B, 43D, 43E Darow	20-40	Soft	---	---	---	Moderate	Low.
44C*, 44E*:							
Debenger	20-40	Soft	---	---	---	Moderate	Moderate.
Brader	12-20	Soft	---	---	---	Moderate	Low.
45G, 46G Donegan	20-40	Soft	---	---	Moderate	Moderate	Moderate.
47C*, 48E*, 49E*:							
Donegan	20-40	Soft	---	---	Moderate	Moderate	Moderate.
Killet	>60	---	---	---	Moderate	Moderate	Moderate.
50E, 50G Dubakella	20-40	Hard	---	---	---	High	Moderate.
51C Dumont	>60	---	---	---	---	High	High.
52C*, 53E*, 53G*, 54E*, 54G*:							
Dumont	>60	---	---	---	---	High	High.
Coyata	20-40	Hard	---	---	---	Moderate	Moderate.
55A Evans	>60	---	---	---	---	Moderate	Moderate.
56C, 57E, 57G, 58E, 58G- Farva	20-40	Soft	---	---	Moderate	Moderate	Moderate.
59G*, 60G*:							
Farva	20-40	Soft	---	---	Moderate	Moderate	Moderate.
Rock outcrop.							
61A Foehlin	>60	---	---	---	---	Moderate	Low.
62C, 63E, 64E Freezener	>60	---	---	---	---	Moderate	Moderate.
65C*, 66E*, 66G*, 67E*, 67G*:							
Freezener	>60	---	---	---	---	Moderate	Moderate.
Geppert	20-40	Soft	---	---	---	Moderate	Moderate.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
68C, 69E, 69G, 70E, 70G-Geppert	20-40	Soft	---	---	---	Moderate	Moderate.
71E, 71F, 72E, 72F-Goolaway	20-40	Soft	---	---	---	Moderate	Moderate.
73E*:							
Goolaway	20-40	Soft	---	---	---	Moderate	Moderate.
Pollard	>60	---	---	---	---	Moderate	Moderate.
74F, 74G, 75E, 75F, 75G-Gravecreek	20-40	Hard	---	---	---	Moderate	Moderate.
76A-Gregory	40-60	Soft	---	---	---	Moderate	Moderate.
77F, 77G, 78F-Greystoke	40-60	Soft	---	---	Moderate	Moderate	Moderate.
79E*, 80E*:							
Greystoke	40-60	Soft	---	---	Moderate	Moderate	Moderate.
Pinehurst	>60	---	---	---	Moderate	Moderate	Moderate.
81G-Heppsie	20-40	Soft	---	---	---	Moderate	Low.
82G*:							
Heppsie	20-40	Soft	---	---	---	Moderate	Low.
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
83E, 83G, 84E, 84G-Hobit	20-40	Soft	---	---	Moderate	Moderate	Moderate.
85A-Hoxie	>60	---	---	---	High	High	Moderate.
86C-Hukill	40-60	Soft	---	---	---	Moderate	Moderate.
87F, 87G, 88F-Jayar	20-40	Hard	---	---	Moderate	Moderate	Moderate.
89E-Jayar Variant	20-40	Hard	---	---	Moderate	Moderate	Moderate.
90E*, 91E*:							
Josephine	40-60	Soft	---	---	---	High	High.
Pollard	>60	---	---	---	---	Moderate	Moderate.
92E*, 92F*, 93E*:							
Josephine	40-60	Soft	---	---	---	High	High.
Speaker	20-40	Soft	---	---	---	High	High.
94G*, 95G*:							
Kanid	40-60	Soft	---	---	---	Moderate	Moderate.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
94G*, 95G*:							
Atring	20-40	Soft	---	---	---	Moderate	Moderate.
96B Kanutchan	40-60	Hard	---	---	Moderate	Moderate	Moderate.
97A Kerby	>60	---	---	---	---	Moderate	Moderate.
98A Kerby	>60	---	---	---	---	High	Moderate.
99A Klamath	>60	---	---	---	High	High	Low.
100A, 100B Kubli	>60	---	---	---	---	Moderate	Low.
101E Langellain	20-40	Soft	---	---	---	Moderate	Moderate.
102B*, 102D*, 103E*:							
Langellain	20-40	Soft	---	---	---	Moderate	Moderate.
Brader	12-20	Soft	---	---	---	Moderate	Low.
104E, 105E Lettia	40-60	Soft	---	---	---	Moderate	Moderate.
106C Lobert	>60	---	---	---	Moderate	Moderate	Low.
107E*:							
Lorella	10-20	Hard	---	---	---	Moderate	Low.
Skookum	20-40	Hard	---	---	---	Moderate	Low.
108B, 108D, 108E, 108F Manita	40-60	Soft	---	---	---	Moderate	Moderate.
109E*:							
Manita	40-60	Soft	---	---	---	Moderate	Moderate.
Vannoy	20-40	Soft	---	---	---	Moderate	Moderate.
110E McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
111G*:							
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
McNull	20-40	Soft	---	---	---	Moderate	Moderate.
112F*:							
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
Medco	20-40	Soft	---	---	---	Moderate	Moderate.
113E*, 113G*:							
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
113E*, 113G*:							
Rock outcrop.							
114E, 114G, 115E, 115G-- McNull	20-40	Soft	---	---	---	Moderate	Moderate.
116E*, 116G*, 117G*:							
McNull	20-40	Soft	---	---	---	Moderate	Moderate.
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
118E*, 119F*:							
McNull	20-40	Soft	---	---	---	Moderate	Moderate.
Medco	20-40	Soft	---	---	---	Moderate	Moderate.
120B, 120C, 121E, 122E, 123F, 124F Medco	20-40	Soft	---	---	---	Moderate	Moderate.
125C*, 125F*:							
Medco	20-40	Soft	---	---	---	Moderate	Moderate.
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
126F*:							
Medco	20-40	Soft	---	---	---	Moderate	Moderate.
McNull	20-40	Soft	---	---	---	Moderate	Moderate.
127A, 128B Medford	>60	---	---	---	---	Moderate	Moderate.
129B Merlin	10-20	Hard	---	---	Moderate	Moderate	Low.
130E*, 131F*, 132F*:							
Musty	20-40	Hard	---	---	---	Moderate	Moderate.
Goolaway	20-40	Soft	---	---	---	Moderate	Moderate.
133A Newberg	>60	---	---	---	---	Moderate	Moderate.
134F*:							
Norling	20-40	Soft	---	---	---	High	High.
Acker	>60	---	---	---	---	Moderate	Moderate.
135E, 135G, 136E, 137C-- Oatman	>60	---	---	---	Moderate	Moderate	Low.
138C*:							
Oatman	>60	---	---	---	Moderate	Moderate	Low.
Otwin	20-40	Hard	---	---	Moderate	Moderate	Moderate.
139A Padigan	>60	---	---	---	---	High	Low.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
140G*:							
Pearsoll	10-20	Hard	---	---	---	Moderate	Low.
Dubakella	20-40	Hard	---	---	---	High	Moderate.
141A Phoenix	20-40	Soft	---	---	---	Moderate	Low.
142C, 143E, 144E Pinehurst	>60	---	---	---	Moderate	Moderate	Moderate.
145C*:							
Pinehurst	>60	---	---	---	Moderate	Moderate	Moderate.
Greystoke	40-60	Soft	---	---	Moderate	Moderate	Moderate.
146*. Pits							
147C*, 148C*:							
Pokegema	40-60	Soft	---	---	Moderate	Moderate	Moderate.
Woodcock	>60	---	---	---	Moderate	Moderate	Moderate.
149B, 149D Pollard	>60	---	---	---	---	Moderate	Moderate.
150E Provig	>60	---	---	---	---	Moderate	Low.
151C*:							
Provig	>60	---	---	---	---	Moderate	Low.
Agate	>60	---	20-30	Thin	---	Moderate	Moderate.
152B*:							
Randcore	4-10	Hard	---	---	---	Moderate	Low.
Shoat	20-40	Hard	---	---	---	Moderate	Low.
153B*:							
Reinecke	>60	---	---	---	---	Moderate	Moderate.
Coyata	20-40	Hard	---	---	---	Moderate	Moderate.
154*. Riverwash							
155E, 155G, 156E, 156G Rogue	40-60	Soft	---	---	Moderate	Moderate	Moderate.
157B, 158B, 158D Ruch	>60	---	---	---	---	Moderate	Moderate.
159C, 160E, 160G Rustlerpeak	20-40	Soft	---	---	Moderate	Moderate	Moderate.
161G*:							
Rustlerpeak	20-40	Soft	---	---	Moderate	Moderate	Moderate.
Rock outcrop.							

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
162B, 162D Selmac	>60	---	---	---	---	Moderate	Moderate.
163A Sevenoaks	>60	---	---	---	---	Moderate	Moderate.
164B, 164D, 165E, 166E Shefflein	40-60	Soft	---	---	---	Moderate	Moderate.
167B Sibannac	>60	---	---	---	Moderate	Moderate	Moderate.
168G, 169G Siskiyou	20-40	Soft	---	---	---	Moderate	Moderate.
170C Skookum	20-40	Hard	---	---	---	Moderate	Low.
171E*, 172E*:							
Skookum	20-40	Hard	---	---	---	Moderate	Low.
Bogus	>60	---	---	---	---	Moderate	Moderate.
173D*, 173F*:							
Skookum	20-40	Hard	---	---	---	Moderate	Low.
Rock outcrop.							
McMullin	12-20	Hard	---	---	---	Moderate	Moderate.
174G*:							
Skookum	20-40	Hard	---	---	---	Moderate	Low.
Rock outcrop.							
Rubble land.							
175F, 176F Snowbrier	20-40	Hard	---	---	Moderate	Moderate	Moderate.
177C, 178E Snowlin	>60	---	---	---	Moderate	Moderate	Moderate.
179F*:							
Speaker	20-40	Soft	---	---	---	High	High.
Josephine	40-60	Soft	---	---	---	High	High.
180G, 181G Steinmetz	>60	---	---	---	---	Moderate	High.
182E, 183E Straight	20-40	Soft	---	---	---	Moderate	Moderate.
184G*, 185G*:							
Straight	20-40	Soft	---	---	---	Moderate	Moderate.
Shippa	10-20	Hard	---	---	---	Moderate	Moderate.
186H*:							
Tablerock	>60	---	---	---	---	High	Moderate.

See footnote at end of table.

TABLE 16.--SOIL FEATURES--Continued

Soil name and map symbol	Bedrock		Cemented pan		Potential frost action	Risk of corrosion	
	Depth	Hardness	Depth	Hardness		Uncoated steel	Concrete
	In		In				
186H*:							
Rock outcrop.							
187A Takilma	>60	---	---	---	---	Moderate	Low.
188E, 188G, 189E, 189G Tallowbox	20-40	Soft	---	---	---	Moderate	Moderate.
190E, 190G, 191E, 191G Tatouche	>60	---	---	---	Moderate	Moderate	Moderate.
192A Terrabella	>60	---	---	---	---	Moderate	Moderate.
193G, 194G Tethrick	>60	---	---	---	---	Moderate	Moderate.
195E, 195F, 196E Vannoy	20-40	Soft	---	---	---	Moderate	Moderate.
197F*:							
Vannoy	20-40	Soft	---	---	---	Moderate	Moderate.
Voorhies	20-40	Soft	---	---	---	Moderate	Low.
198A Winlo	>60	---	7-15	Thick	---	Moderate	Low.
199C, 200E, 201E Wolfpeak	>60	---	---	---	---	Moderate	Moderate.
202F, 203F Woodcock	>60	---	---	---	Moderate	Moderate	Moderate.
204E*, 205E*, 206E*:							
Woodcock	>60	---	---	---	Moderate	Moderate	Moderate.
Pokegema	40-60	Soft	---	---	Moderate	Moderate	Moderate.
207E*, 207G*:							
Woodseye	10-20	Hard	---	---	Moderate	Moderate	Moderate.
Rock outcrop.							
208C*:							
Xerorthents	>60	---	---	---	---	---	---
Dumps.							

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

TABLE 17.--CLASSIFICATION OF THE SOILS

(An asterisk in the first column indicates that the soil is a taxadjunct to the series. See text for a description of those characteristics of the soil that are outside the range of the series)

Soil name	Family or higher taxonomic class
Abegg	Loamy-skeletal, mixed, mesic Ultic Haploxeralfs
Abin	Fine, mixed, mesic Cumulic Haploxerolls
Acker	Fine-loamy, mixed, mesic Typic Haploxerults
Agate	Fine-loamy, mixed, mesic Typic Durochrepts
Alcot	Cindery, mesic Typic Vitrandepts
Aspenlake	Coarse-loamy, mixed Duric Cryoborolls
Atring	Loamy-skeletal, mixed, mesic Dystric Xerochrepts
Barhiskey	Sandy, mixed, mesic Entic Xerumbrepts
Barhiskey Variant	Sandy, mixed, mesic Typic Humaquepts
Barron	Coarse-loamy, mixed, mesic Typic Xerochrepts
Beekman	Loamy-skeletal, mixed, mesic Dystric Xerochrepts
Bly	Fine-loamy, mixed, frigid Pachic Argixerolls
Bogus	Fine, montmorillonitic, mesic Pachic Ultic Argixerolls
Booth	Fine, montmorillonitic, frigid Typic Palexerolls
Brader	Loamy, mixed, mesic, shallow Typic Xerochrepts
Bybee	Fine, montmorillonitic, frigid Typic Haploxerolls
Camas	Sandy-skeletal, mixed, mesic Fluventic Haploxerolls
Campfour	Fine-loamy, mixed, mesic Pachic Ultic Argixerolls
Caris	Loamy-skeletal, mixed, mesic Typic Xerochrepts
Carney	Fine, montmorillonitic, mesic Typic Chromoxererts
Central Point	Coarse-loamy, mixed, mesic Pachic Haploxerolls
Clawson	Coarse-loamy, mixed, nonacid, mesic Typic Haplaquepts
Coker	Very fine, montmorillonitic, mesic Chromic Pelloxererts
Coleman	Fine, montmorillonitic, mesic Typic Palexerolls
Colestine	Fine-loamy, mixed, mesic Dystric Xerochrepts
Cove	Fine, montmorillonitic, mesic Vertic Haplaquolls
Coyata	Loamy-skeletal, mixed, mesic Typic Xerumbrepts
Crater Lake	Ashy, mesic Typic Vitrandepts
Darow	Fine, montmorillonitic, mesic Vertic Argixerolls
Debenger	Fine-loamy, mixed, mesic Typic Xerochrepts
Donegan	Loamy-skeletal, mixed, frigid Pachic Xerumbrepts
Dubakella	Clayey-skeletal, serpentinitic, mesic Mollic Haploxeralfs
Dumont	Clayey, kaolinitic, mesic Typic Haploxerults
Evans	Coarse-loamy, mixed, mesic Cumulic Haploxerolls
Farva	Loamy-skeletal, mixed, frigid Typic Xerochrepts
Foehlin	Fine-loamy, mixed, mesic Typic Argixerolls
Freezener	Fine, mixed, mesic Ultic Haploxeralfs
Geppert	Loamy-skeletal, mixed, mesic Dystric Xerochrepts
Goolaway	Fine-silty, mixed, mesic Dystric Xerochrepts
Gravecreek	Loamy-skeletal, serpentinitic, mesic Dystric Xerochrepts
Gregory	Fine, montmorillonitic, mesic Typic Argiaquolls
Greystoke	Loamy-skeletal, mixed, frigid Pachic Ultic Argixerolls
Heppsie	Fine, montmorillonitic, mesic Vertic Haploxerolls
Hobit	Medial Typic Cryandepts
Hoxie	Fine-silty, mixed, nonacid Typic Cryaquepts
Hukill	Fine, halloysitic, mesic Typic Rhodoxeralfs
Jayar	Loamy-skeletal, mixed, frigid Dystric Xerochrepts
Jayar Variant	Loamy-skeletal, mixed Dystric Cryochrepts
Josephine	Fine-loamy, mixed, mesic Typic Haploxerults
Kanid	Loamy-skeletal, mixed, mesic Dystric Xerochrepts
Kanutchan	Fine, montmorillonitic, frigid Typic Pelloxererts
Kanutchan Variant	Fine, montmorillonitic, frigid Typic Chromoxererts
Kerby	Fine-loamy, mixed, mesic Typic Xerochrepts
Killet	Fine-loamy, mixed, frigid Pachic Xerumbrepts
Klamath	Fine, montmorillonitic Cumulic Cryaquolls
Kubli	Fine-loamy over clayey, mixed, mesic Aquic Haploxerolls
Langellain	Fine-loamy over clayey, mixed, mesic Ultic Haploxeralfs
Lettia	Fine-loamy, mixed, mesic Ultic Haploxeralfs
Lobert	Coarse-loamy, mixed, frigid Pachic Haploxerolls
Lorella	Clayey-skeletal, montmorillonitic, mesic Lithic Argixerolls
Manita	Fine, mixed, mesic Mollic Haploxeralfs

TABLE 17.--CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
McMullin	Loamy, mixed, mesic Lithic Ultic Haploxerolls
McNull	Fine, montmorillonitic, mesic Ultic Argixerolls
Medco	Fine, montmorillonitic, mesic Ultic Haploxerolls
Medford	Fine, montmorillonitic, mesic Pachic Argixerolls
Merlin	Clayey, montmorillonitic, frigid Lithic Argixerolls
Musty	Loamy-skeletal, mixed, mesic Typic Xerumbrepts
Newberg	Coarse-loamy, mixed, mesic Fluventic Haploxerolls
Norling	Fine-loamy, mixed, mesic Ultic Haploxeralfs
Oatman	Loamy-skeletal, mixed Dystric Cryochrepts
Offenbacher	Fine-loamy, mixed, mesic Typic Xerochrepts
Otwin	Loamy-skeletal, mixed Andic Cryochrepts
Padigan	Very fine, montmorillonitic, mesic Typic Pelloxererts
Paragon	Fine-loamy, mixed, mesic Pachic Ultic Argixerolls
Pearsoll	Clayey-skeletal, serpentinitic, mesic Lithic Xerochrepts
Phoenix	Very fine, montmorillonitic, mesic Entic Pelloxererts
Pinehurst	Fine-loamy, mixed, frigid Pachic Ultic Argixerolls
Pokegema	Fine, halloysitic Pachic Cryoborolls
Pollard	Clayey, kaolinitic, mesic Typic Haploxerults
Provig	Clayey-skeletal, montmorillonitic, mesic Typic Argixerolls
Randcore	Loamy-skeletal, mixed, nonacid, mesic Lithic Xerorthents
Reinecke	Ashy over loamy, mixed, mesic Typic Vitrandepts
Rogue	Coarse-loamy, mixed, frigid Dystric Xerochrepts
*Royst	Clayey-skeletal, montmorillonitic, frigid Pachic Argixerolls
Ruch	Fine-loamy, mixed, mesic Mollic Palexeralfs
Rustlerpeak	Loamy-skeletal, mixed Andic Cryumbrepts
Selmac	Fine-loamy over clayey, mixed, mesic Ultic Haploxeralfs
Sevenoaks	Sandy, mixed, mesic Entic Haploxerolls
Shefflein	Fine-loamy, mixed, mesic Mollic Haploxeralfs
Shippa	Loamy-skeletal, mixed, mesic Dystric Lithic Xerochrepts
Shoat	Fine-loamy, mixed, mesic Typic Xerochrepts
Sibannac	Fine-loamy, mixed, frigid Cumulic Haplaquolls
Siskiyou	Coarse-loamy, mixed, mesic Dystric Xerochrepts
Skookum	Clayey-skeletal, montmorillonitic, mesic Pachic Ultic Argixerolls
Snowbrier	Loamy-skeletal, mixed, frigid Typic Xerumbrepts
Snowlin	Fine-loamy, mixed Andic Cryumbrepts
Speaker	Fine-loamy, mixed, mesic Ultic Haploxeralfs
Steinmetz	Coarse-loamy, mixed, mesic Dystric Xerochrepts
Straight	Loamy-skeletal, mixed, mesic Dystric Xerochrepts
Tablerock	Clayey-skeletal, montmorillonitic, mesic Pachic Argixerolls
Takilma	Loamy-skeletal, mixed, mesic Entic Ultic Haploxerolls
Tallowbox	Coarse-loamy, mixed, mesic Typic Xerochrepts
Tatouche	Fine, montmorillonitic, frigid Typic Argixerolls
Terrabella	Fine, montmorillonitic, mesic Vertic Argiaquolls
Tethrick	Coarse-loamy, mixed, mesic Dystric Xerochrepts
Vannoy	Fine-loamy, mixed, mesic Mollic Haploxeralfs
Voorhies	Loamy-skeletal, mixed, mesic Mollic Haploxeralfs
Whiteface	Loamy, mixed, shallow Duric Cryoborolls
Winlo	Clayey-skeletal, montmorillonitic, mesic, shallow Typic Duraquolls
Wolfpeak	Fine-loamy, mixed, mesic Ultic Palexeralfs
Woodcock	Loamy-skeletal, mixed Argic Pachic Cryoborolls
Woodseye	Loamy-skeletal, mixed, frigid Lithic Xerumbrepts
Xerorthents	Xerorthents

*U.S. G.P.O.:1994-300-438:80021

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