TABLES

TABLE 1.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS

Map symbol	Soil name	Acres	Percent
1	Abor silty clay, 0 to 4 percent slopes	9,449	0.6
2	Abor-Yawdim clay loams, 4 to 8 percent slopes	5,441	0.4
3	Abor-Yawdim clays, 8 to 20 percent slopes	29,821	2.0
4	Absarokee clay loam, 0 to 4 percent slopes	14,734	1.0
5	Absarokee clay loam, 4 to 8 percent slopes	21,901	1.4
6	Absarokee clay loam, 8 to 15 percent slopes	7,744	0.5
7	Absarokee, Borky and Blythe soils, 15 to 45 percent slopes	20,706	1.4
8	Absarokee-Sinnigam complex, 2 to 8 percent slopes	7,647	0.5
9	Absher complex, 0 to 2 percent slopes	1,677	0.1
10	Absher-Nobe complex, 0 to 5 percent slopes	21,938	1.4
11	Acel silty clay loam, 0 to 2 percent slopes	2,531	0.2
12	Acel silty clay loam, 2 to 8 percent slopes	1,475	0.1
13	Adel loam, 4 to 15 percent	2,888	0.2
14	Aquepts and Aquolls, saline	5,864	0.4
15	Assinniboine fine sandy loam, 0 to 4 percent slopes	1,319	0.1
16	Assinniboine fine sandy loam, 4 to 8 percent slopes	513	*
17	Assinniboine-Absher complex, 0 to 2 percent slopes	4,682	0.3
18	Azaar fine sandy loam	5,272	0.3
19	Benz clay loam, 0 to 2 percent slopes	14,075	0.9
20	Benz clay loam, 2 to 10 percent slopes	9,506	0.6
21	Big Timber-Castner complex, 8 to 30 percent slopes	7,028	0.5
22	Big Timber-Castner complex, 30 to 70 percent slopes	14,272	0.9
23	Binna fine sandy loam, 0 to 4 percent slopes	1,472	0.1
24	Binna loam, 0 to 2 percent slopes	4,096	0.3
25	Binna loam, 2 to 5 percent slopes	781	0.1
26	Binna cobbly loam, 0 to 2 percent slopes	1,927	0.1
27	Binna-Evanston complex, 5 to 10 percent slopes	2,563	0.2
28	Bitton and Roy soils, 10 to 65 percent slopes	50,694	3.3
29	Blythe silt loam, 0 to 5 percent slopes	635	*
30	Blythe silt loam, 5 to 10 percent slopes	1,338	0.1
31	Blythe silt loam, 10 to 20 percent slopes	1,591	0.1
32	Borky-Sinnigam very stony loams, 2 to 15 percent slopes	17,777	1.2
33	Bridger loam, 2 to 10 percent slopes	1,756	0.1
34	Bridger loam, 10 to 20 percent slopes	1,046	0.1
35	Cargill silty clay loam, 0 to 4 percent slopes	4,603	0.3
36	Cargill-Cabbart complex, 4 to 10 percent slopes	2,272	0.1
37	Castner loamy fine sand, 0 to 3 percent slopes	872	0.1
38	Castner complex, 2 to 15 percent slopes	17,495	1.1
39	Castner-Perma-Rock outcrop complex, 10 to 60 percent slopes	65,102	4.3
40	Castner-Reeder complex, 4 to 35 percent slopes	8,163	0.5
41	Cheadle stony loam, 2 to 15 percent slopes	3,780	0.2
42	Cheadle-Hilger complex, 10 to 60 percent slopes	57,142	3.7
43	Cheadle-Loggert complex, 15 to 70 percent slopes	17,284	1.1
44	Crago gravelly loam, 0 to 2 percent slopes	4,668	0.3
45	Crago very cobbly loam, 0 to 15 percent slopes	4,198	0.3
46	Crago-Yawdim complex, 15 to 45 percent slopes	15,376	1.0
47	Danvers silty clay loam, 0 to 2 percent slopes	1,930	0.1
48	Darret silty clay loam, 8 to 20 percent slopes	2,474	0.2
49	Darret-Castner complex, 2 to 8 percent slopes	10,541	0.7
50	Darret-Castner complex, 8 to 20 percent slopes	7,190	0.5
51	Dast-Rentsac complex, 2 to 20 percent slopes	2,419	0.2
52	Delpoint loam, 4 to 20 percent slopes	930	0.1
53	Dooley sandy loam, 0 to 4 percent slopes	6,437	0.4
54	Dooley sandy loam, 4 to 8 percent slopes	1,262	0.1
55	Dooley sandy loam, 8 to 15 percent slopes	322	*
56	Dutton silty clay loam, 0 to 2 percent slopes	7,833	0.5
57	Dutton silty clay loam, 2 to 8 percent slopes	2,002	0.1
58	Eltsac clay, 4 to 8 percent slopes	1,070	0.1
59	Eltsac clay, 8 to 15 percent slopes	1,580	0.1
60	Eltsac-Lisam clays, 10 to 70 percent slopes	14,255	0.9
61	Ernem loam, 0 to 4 percent slopes	3,740	0.2
62	Ernem very stony loam, 0 to 15 percent slopes	4,668	0.3
63	Ervide loamy fine sand, 0 to 8 percent slopes	6,241	0.4
64	Ervide fine sandy loam, 0 to 4 percent slopes	1,018	0.1
65	Ethridge silty clay loam, 0 to 2 percent slopes	2,450	0.2
66	Ethridge silty clay loam, 2 to 4 percent slopes	1,444	0.1
67	Ethridge-Kobar silty clay loams, 0 to 2 percent slopes	2,038	0.1
68	Ethridge-Kobar silty clay loams, 2 to 8 percent slopes	8,367	0.5
69	Evanston loam, 2 to 4 percent slopes	4,484	0.3
70	Evanston loam, 4 to 8 percent slopes	408	*

See footnote at end of table.

TABLE 1.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Acres	Percent
71	Evanston clay loam, 0 to 2 percent slopes	3,919	0.3
72	Evanston cobbly clay loam, 4 to 10 percent slopes	2,918	0.2
73	Fairfield loam, 4 to 8 percent slopes	11,239	0.7
74	Fairfield clay loam, 0 to 4 percent slopes	2,153	0.1
75	Farnuf loam, 0 to 2 percent slopes	1,551	0.1
76	Farnuf loam, 2 to 4 percent slopes	1,507	0.1
77	Farnuf loam, 4 to 8 percent slopes	1,662	0.1
78	Fergus clay loam, 2 to 4 percent slopes	2,180	0.1
79	Fergus clay loam, 4 to 8 percent slopes	1,556	0.1
80	Fergus silty clay loam, 0 to 2 percent slopes	3,023	0.2
81	Fergus-Absher silty clay loams, 0 to 2 percent slopes	1,174	0.1
82	Floweree complex, 0 to 4 percent slopes	1,659	0.1
83	Fluventic Haplaquolls, nearly level	4,430	0.3
84	Fluventic Haploborolls, nearly level	2,944	0.2
85	Gerber silty clay loam, 0 to 4 percent slopes	28,253	1.8
86	Gerber-Acel silty clay loams, 2 to 8 percent slopes	1,180	0.1
87	Gerber-Lawther silty clays, 0 to 4 percent slopes	2,609	0.2
88	Gerber-Lawther silty clays, 4 to 8 percent slopes	11,206	0.7
89	Glendive loam	2,208	0.1
90	Hanson loam, 4 to 15 percent slopes	1,665	0.1
91	Hanson-Sheege complex, 4 to 15 percent slopes	7,995	0.5
92	Hanson-Sheege complex, 15 to 40 percent slopes	16,935	1.1
93	Hanson-Skaggs association, steep	4,552	0.3
94	Harlem silty clay loam	8,822	0.6
95	Harlem silty clay	956	0.1
96	Havre loam	5,045	0.3
97	Havre loam, channeled	413	*
98	Havre loam, saline	804	0.1
99	Hilger very stony loam, 2 to 15 percent slopes	9,647	0.6
100	Hilger very stony loam, 15 to 50 percent slopes	30,618	2.0
101	Hilger-Castner complex, 15 to 60 percent slopes	25,521	1.7
102	Hillon clay loam, 15 to 45 percent slopes	8,446	0.6
103	Ipano loam, 0 to 4 percent slopes	3,926	0.3
104	Ipano-Castner complex, 8 to 15 percent slopes	2,558	0.2
105	Ipano-Hillon complex, 0 to 4 percent slopes	2,084	0.1
106	Ipano-Hillon complex, 4 to 10 percent slopes	2,499	0.2
107	Ipano-Ticell loams, 0 to 4 percent slopes	14,943	1.0
108	Ipano-Ticell loams, 4 to 10 percent slopes	16,243	1.1
109	Judith loam, 0 to 4 percent slopes	4,402	0.3
110	Judith loam, 4 to 8 percent slopes	1,245	0.1
111	Judith loam, sandstone substratum, 0 to 4 percent slopes	855	0.1
112	Kevin-Hillon clay loams, 8 to 15 percent slopes	742	*
113	Kevin-Scobey complex, 4 to 10 percent slopes	2,256	0.1
114	Kobar silty clay loam, 0 to 2 percent slopes	4,195	0.3
115	Kobar silty clay loam, 2 to 4 percent slopes	3,618	0.2
116	Kobar silty clay loam, 4 to 8 percent slopes	1,627	0.1
117	Kobar-Marias complex, 0 to 4 percent slopes	3,782	0.2
118	Korent loam	8,217	0.5
119	Lallie silty clay loam	4,210	0.3
120	Lambeth-Floweree silt loams, 2 to 8 percent slopes	1,768	0.1
121	Lambeth and Lothair soils, 25 to 60 percent slopes	9,363	0.6
122	Lawther silty clay, 0 to 4 percent slopes	9,176	0.6
123	Lawther clay	2,645	0.2
124	Lawther-Gerber complex, 8 to 15 percent slopes	2,305	0.1
125	Lennep-Nobe complex, 2 to 10 percent slopes	3,107	0.2
126	Libeg stony loam, 2 to 15 percent slopes	21,740	1.4
127	Lihen loamy sand, 2 to 8 percent slopes	4,815	0.3
128	Lihen loamy sand, 8 to 20 percent slopes	2,356	0.2
129	Linnet-Acel silty clay loams, 0 to 2 percent slopes	7,734	0.5
130	Linnet-Acel silty clay loams, 2 to 8 percent slopes	6,381	0.4
131	Linnet-Marias complex, 0 to 2 percent slopes	1,912	0.1
132	Linnet-Marias complex, 2 to 8 percent slopes	3,348	0.2
133	Lisam-Rock outcrop complex, 4 to 50 percent slopes	12,805	0.8
134	Loberg stony loam, warm, 20 to 60 percent slopes	1,792	0.1
135	Loberg-Cheadle complex, 20 to 60 percent slopes	10,187	0.7
136	Loggert extremely stony loam, 2 to 15 percent slopes	11,545	0.8
137	Loggert extremely stony loam, 15 to 50 percent slopes	12,379	0.8
138	Lothair silty clay loam, 8 to 25 percent slopes	10,756	0.7
139	Marias silty clay, 0 to 2 percent slopes	12,682	0.8
140	Marias silty clay, 2 to 4 percent slopes	7,428	0.5

See footnote at end of table.

TABLE 1.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Acres	Percent
141	Marias silty clay, 4 to 8 percent slopes	3,433	0.2
142	Marmarth clay loam, 0 to 4 percent slopes	9,910	0.6
143	Marvan clay, 0 to 2 percent slopes	12,301	0.8
144	Marvan clay, 2 to 8 percent slopes	6,153	0.4
145	Marvan clay, wet, 0 to 2 percent slopes	2,991	0.2
146	McKenzie silty clay loam	676	*
147	McKenzie clay	12,912	0.8
148	Monad loam, 2 to 10 percent slopes	7,333	0.5
149	Monad loam, 10 to 20 percent slopes	5,711	0.4
150	Monad and Libeg soils, steep	46,105	3.0
151	Pendroy clay, 0 to 2 percent slopes	14,749	1.0
152	Pendroy clay, 2 to 8 percent slopes	10,045	0.7
153	Pendroy clay, 8 to 15 percent slopes	1,082	0.1
154	Perma very stony loam, 2 to 8 percent slopes	1,718	0.1
155	Pylon silty clay loam, 0 to 4 percent slopes	3,490	0.2
156	Raynesford loam, 8 to 20 percent slopes	889	0.1
157	Raynesford loam, 20 to 40 percent slopes	1,985	0.1
158	Raynesford-Skaggs loams, 4 to 8 percent slopes	3,599	0.2
159	Raynesford-Skaggs loams, 8 to 20 percent slopes	2,999	0.2
160	Raynesford-Sheege complex, 4 to 15 percent slopes	3,195	0.2
161	Reeder loam, 2 to 8 percent slopes	6,748	0.4
162	Reeder loam, 8 to 25 percent slopes	9,486	0.6
163	Reeder variant silt loam, 0 to 4 percent slopes	1,832	0.1
164	Rentsac-Ethridge complex, 2 to 25 percent slopes	1,382	0.1
165	Rivra gravelly sandy loam	7,835	0.5
166	Rothiemay loam, 0 to 2 percent slopes	10,604	0.7
167	Rothiemay loam, wet, 2 to 8 percent slopes	1,661	0.1
168	Rothiemay clay loam, 0 to 2 percent slopes	1,457	0.1
169	Rothiemay-Binna loams, 2 to 4 percent slopes	3,219	0.2
170	Rothiemay-Binna loams, 4 to 10 percent slopes	775	0.1
171	Ryell loam	4,246	0.3
172	Ryell-Rivra complex	3,888	0.3
173	Scobey clay loam, 0 to 2 percent slopes	1,460	0.1
174	Scobey-Kevin clay loams, 0 to 5 percent slopes	7,537	0.5
175	Shane silty clay loam, 2 to 10 percent slopes	2,312	0.2
176	Shane-Nobe complex, 4 to 15 percent slopes	3,236	0.2
177	Shawa loam, 2 to 10 percent slopes	6,999	0.5
178	Shawa loam, 10 to 20 percent slopes	1,076	0.1
179	Sheege stony loam, 4 to 15 percent slopes	2,407	0.2
180	Sheege-Rock outcrop complex, 35 to 70 percent slopes	10,115	0.7
181	Sheege-Whitore complex, 15 to 40 percent slopes	8,422	0.6
182	Sinnigam loam, 0 to 4 percent slopes	5,250	0.3
183	Straw loam	4,050	0.3
184	Straw silty clay loam	1,859	0.1
185	Straw-Rivra complex	2,592	0.2
186	Tally fine sandy loam, 0 to 2 percent slopes	2,679	0.2
187	Tally fine sandy loam, 2 to 8 percent slopes	7,203	0.5
188	Tally fine sandy loam, 8 to 15 percent slopes	2,570	0.2
189	Tally loam, 2 to 8 percent slopes	1,443	0.1
190	Tally-Castner complex, 15 to 35 percent slopes	5,007	0.3
191	Tanna clay loam, 0 to 2 percent slopes	4,034	0.3
192	Tanna clay loam, 2 to 8 percent slopes	21,396	1.4
193	Tanna clay loam, 8 to 15 percent slopes	1,089	0.1
194	Tanna-Wabek complex, 2 to 10 percent slopes	1,161	0.1
195	Terrad silty clay, 2 to 8 percent slopes	5,298	0.3
196	Terrad silty clay, 8 to 15 percent slopes	2,436	0.2
197	Thebo clay, 0 to 4 percent slopes	1,815	0.1
198	Thebo clay, 4 to 10 percent slopes	1,273	0.1
199	Ticell-Castner complex, 0 to 4 percent slopes	5,147	0.3
200	Tigeron-Loggert complex, 4 to 25 percent slopes	8,067	0.5
201	Timberg silty clay loam, 8 to 15 percent slopes	320	*
202	Timberg silty clay, 2 to 10 percent slopes	310	*
203	Timberg-Big Timber complex, 15 to 40 percent slopes	4,402	0.3
204	Timberg-Castner complex, 2 to 10 percent slopes	4,058	0.3
205	Torex loamy sand, 0 to 6 percent slopes	3,910	0.3
206	Turner loam, 0 to 4 percent slopes	2,189	0.1
207	Twin Creek loam, 2 to 8 percent slopes	2,584	0.2
208	Twin Creek silty clay loam, 0 to 2 percent slopes	2,855	0.2
209	Vanda clay	5,358	0.3
210	Vanda clay, wet	2,657	0.2

See footnote at end of table.

TABLE 1.--ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS--Continued

Map symbol	Soil name	Acres	Percent
211	Virgelle loamy fine sand, 0 to 2 percent slopes	2,127	0.1
212	Virgelle-Absher complex, 0 to 3 percent slopes	1,488	0.1
213	Wabek gravelly loam, 2 to 15 percent slopes	2,337	0.2
214	Waybe-Bynum clay loams, 20 to 50 percent slopes	8,078	0.5
215	Waybe-Rock outcrop complex, 20 to 65 percent slopes	2,330	0.2
216	Whitore silty clay loam, 15 to 65 percent slopes	7,803	0.5
217	Winifred clay loam, 2 to 8 percent slopes	4,231	0.3
218	Winifred clay loam, 8 to 15 percent slopes	2,492	0.2
219	Winifred-Yawdim clay loams, 15 to 50 percent slopes	5,705	0.4
220	Woosley silt loam, 2 to 10 percent slopes	4,311	0.3
221	Woosley silt loam, 10 to 20 percent slopes	1,659	0.1
222	Work clay loam, 0 to 2 percent slopes	635	*
223	Work clay loam, 2 to 4 percent slopes	4,726	0.3
224	Work clay loam, 4 to 8 percent slopes	9,900	0.6
225	Work clay loam, 8 to 15 percent slopes	4,923	0.3
226	Work complex, 8 to 35 percent slopes	6,421	0.4
227	Yamac loam, 4 to 8 percent slopes	3,005	0.2
228	Yamac loam, 8 to 15 percent slopes	949	0.1
229	Yamac clay loam, 0 to 2 percent slopes	2,284	0.1
230	Yamac clay loam, 2 to 4 percent slopes	1,643	0.1
231	Yawdim-Rentsac-Cabbart complex, 15 to 50 percent slopes	27,490	1.8
232	Yawdim-Rock outcrop complex, 25 to 70 percent slopes	8,874	0.6
233	Yetull loamy sand, 4 to 20 percent slopes	3,347	0.2
	Gravel pits	1,082	0.1
	Water areas	13,613	0.9
	Total	1,527,071	100.0

* Less than 0.1 percent.

TABLE 2.--YIELDS PER ACRE OF CROPS

[Yields in columns N are for nonirrigated soils; those in columns I are for irrigated soils. All yields were estimated for a high level of management. Absence of a yield figure indicates the crop is seldom grown or is not suited]

Soil name and map symbol	Wheat, winter		Wheat, spring		Barley		Alfalfa hay	
	N	I	N	I	N	I	N	I
	Bu	Bu	Bu	Bu	Bu	Bu	Ton	Ton
Abor:								
1	33	---	27	---	40	---	1.0	---
Absarokee:								
4, 5	36	---	30	---	40	---	2.0	---
6	30	---	25	---	35	---	1.5	---
Absher:								
19	21	---	15	20	25	30	0.5	2.0
Acel:								
11	33	---	27	---	40	---	1.5	---
12	30	---	25	---	35	---	1.5	---
Adel:								
13	37	---	27	---	62	---	2.3	---
Assinniboine:								
15, 16	30	---	25	45	35	60	1.5	5.0
17	26	---	21	35	31	49	1.1	3.9
Azaar:								
18	33	---	27	---	40	---	1.5	---
Binna:								
23, 24, 25	33	---	27	45	40	60	1.5	4.5
26	25	---	20	35	30	50	1.0	3.0
27	37	---	30	46	42	63	1.5	4.7
Blythe:								
29, 30	45	---	40	---	46	---	2.5	---
Bridger:								
33	40	---	30	50	45	70	2.0	4.0
Cargill:								
35	33	---	27	---	40	---	1.0	---
Crago:								
44	---	---	---	30	---	35	0.5	2.0
Danvers:								
47	45	---	40	---	46	---	2.5	---
Darret:								
48	28	---	23	---	32	---	1.3	---
Delpoint:								
52	25	---	20	---	25	---	---	---
Dooley:								
53, 54	30	---	30	---	50	---	1.8	---
55	28	---	26	---	45	---	1.5	---

See footnote at end of table.

TABLE 2.--YIELDS PER ACRE OF CROPS--Continued

Soil name and map symbol	Wheat, winter		Wheat, spring		Barley		Alfalfa hay	
	N	I	N	I	N	I	N	I
	Bu	Bu	Bu	Bu	Bu	Bu	Ton	Ton
Dutton:								
56	33	---	27	---	40	---	1.0	---
57	31	---	25	---	38	---	1.0	---
Eltsac:								
58	30	---	25	---	35	---	1.2	---
Ernem:								
61	20	---	18	---	28	---	---	---
Ervide:								
63, 64	22	---	18	---	30	---	---	---
Ethridge:								
65	45	---	40	50	46	70	2.0	5.5
66	45	---	40	50	46	65	2.0	5.3
167	42	---	37	50	44	68	1.8	5.4
168	41	---	36	47	44	65	1.6	5.3
Evanston:								
69, 71	45	---	40	50	46	70	1.5	5.5
70	42	---	38	47	43	68	1.3	5.3
72	30	---	25	40	35	45	1.0	5.0
Fairfield:								
73, 74	41	---	38	---	42	---	2.3	---
Farnuf:								
75	36	---	30	---	50	95	2.5	5.5
76	35	---	28	---	50	90	2.5	5
77	32	---	26	---	40	85	1.5	4.5
Fergus:								
78, 79, 80	43	---	39	---	44	---	2.0	---
181	39	---	33	---	40	---	1.7	---
Floweree:								
182	36	---	30	---	40	---	1.5	---
Gerber:								
85	45	---	40	---	46	---	2.0	---
186	41	---	36	---	44	---	1.8	---
187	---	---	36	---	47	---	---	---
188	---	---	35	---	46	---	---	---
Glendive:								
89	30	---	25	45	35	60	1.5	5.0
Hanson:								
90	30	---	25	---	35	---	1.5	---
Harlem:								
94, 95	---	---	27	60	40	70	1.5	6.0
Havre:								
96, 97	---	55	---	---	---	80	---	7.0
98	---	---	---	30	---	60	---	4.0

See footnote at end of table.

TABLE 2.--YIELDS PER ACRE OF CROPS--Continued

Soil name and map symbol	Wheat, winter		Wheat, spring		Barley		Alfalfa hay	
	N	I	N	I	N	I	N	I
	Bu	Bu	Bu	Bu	Bu	Bu	Ton	Ton
Ipano:								
103	30	---	27	---	38	---	---	---
[1]105, [1]106	32	---	27	---	39	---	---	---
[1]107, [1]108	27	---	25	---	36	---	---	---
Judith:								
109, 111	33	---	27	---	40	---	1.5	---
110	30	---	25	---	35	---	1.5	---
Kevin:								
[1]113	34	---	28	---	37	---	1.2	---
Kobar:								
114	35	---	30	50	40	65	1.5	5.0
115	33	---	27	40	40	65	1.0	5.0
116	30	---	25	---	35	---	---	---
[1]117	35	---	25	---	38	63	1.0	---
Korent:								
118	33	---	27	45	40	65	1.5	5.0
Lambeth:								
[1]120	24	---	19	---	31	---	1.0	---
Lawther:								
122, 123	---	---	28	---	47	---	---	---
Lihen:								
127	25	---	20	35	30	45	1.5	4.0
Linnet:								
[1]129	41	---	37	---	44	---	1.5	---
[1]130	34	---	29	---	39	---	1.1	---
[1]131	44	---	35	---	43	---	1.5	---
[1]132	37	---	28	---	39	---	1.0	---
Marias:								
139	40	---	24	---	38	60	1.7	5.0
140, 141	39	---	24	---	37	58	1.0	---
Marvan:								
143	25	---	18	35	28	45	---	2.5
144	18	---	14	---	25	35	---	1.5
145	---	---	---	35	---	45	---	2.5
Monad:								
148	33	---	27	---	40	---	2.0	---
Pendroy:								
151	30	---	25	40	35	50	0.7	2.0
152	28	---	22	37	32	47	0.7	2.0
153	24	---	18	---	28	---	---	---
Pylon:								
155	25	---	18	---	30	---	0.7	---

See footnote at end of table.

TABLE 2.--YIELDS PER ACRE OF CROPS--Continued

Soil name and map symbol	Wheat, winter		Wheat, spring		Barley		Alfalfa hay	
	N	I	N	I	N	I	N	I
	Bu	Bu	Bu	Bu	Bu	Bu	Ton	Ton
Raynesford:								
156, [1]158	30	---	25	---	35	---	2.0	---
[1]159	30	---	26	---	35	---	2.1	---
Reeder:								
161	---	---	24	---	41	---	---	---
Reeder variant:								
163	45	---	40	---	46	---	1.5	---
Rothiemay:								
166, 168	33	---	27	45	40	65	1.0	5.0
167	---	---	---	35	---	50	---	2.5
[1]169	33	---	27	45	40	63	1.2	4.8
[1]170	29	---	25	---	37	---	1.1	---
Ryell:								
171	25	---	20	45	30	60	1.0	5.0
Scobey:								
173	45	---	40	---	46	---	1.5	---
[1]174	37	---	31	---	39	---	1.3	---
Shane:								
175	36	---	30	---	40	---	2.0	---
Shawa:								
177	30	---	---	---	40	---	---	---
178	25	---	---	---	30	---	---	---
Sinnigam:								
182	25	---	18	---	30	---	---	---
Straw:								
183	---	---	---	---	45	70	---	---
184	---	---	---	---	45	70	2.5	5.5
Tally:								
186	30	---	28	---	40	80	1.8	5
187, 188, 189	25	---	---	---	35	---	1.2	---
Tanna:								
191, 192	33	---	27	---	40	---	1.0	---
193	25	---	20	---	30	---	0.7	---
Terrad:								
195	30	---	25	---	35	---	1.0	---
196	25	---	20	---	30	---	1.0	---
Thebo:								
197	25	---	18	---	25	---	0.5	---
198	15	---	12	---	20	---	0.5	---
Timberg:								
201	25	---	20	---	30	---	1.0	---
202	30	---	25	---	40	---	1.5	---

See footnote at end of table.

TABLE 2.--YIELDS PER ACRE OF CROPS--Continued

Soil name and map symbol	Wheat, winter		Wheat, spring		Barley		Alfalfa hay	
	N	I	N	I	N	I	N	I
	Bu	Bu	Bu	Bu	Bu	Bu	Ton	Ton
Torex:								
205	35	---	20	---	32	---	---	---
Turner:								
206	26	---	20	---	32	75	1.8	4.0
Twin Creek:								
207	42	---	38	---	45	---	2.4	---
208	45	---	40	---	46	---	2.5	---
Virgelle:								
211	25	---	20	35	30	45	1.5	4.0
[1]212	23	---	18	30	29	40	1.2	3.3
Winifred:								
217	36	---	30	---	40	---	1.5	---
218	30	---	25	---	35	---	1.0	---
Woosley:								
220	33	---	27	---	40	---	2.0	---
Work:								
222	45	---	40	50	46	70	2.0	5.5
223, 224	42	---	37	---	42	---	1.9	---
225, [1]226	38	---	33	---	38	---	1.6	---
Yamac:								
227, 230	32	---	27	42	40	62	1.5	4.8
228	29	---	25	---	38	---	1.0	---
229	35	---	30	45	40	65	1.5	5.0

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 3.--WILDLIFE HABITAT POTENTIALS

[See text for definitions of "good," "fair," "poor," and "very poor." Absence of an entry indicates that the soil was not rated]

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Abor:												
1	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
[1]2:												
Abor part	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Yawdim part	Poor	Poor	Poor	---	---	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
[1]3:												
Abor part	Fair	Good	Poor	---	---	Poor	Very poor.	Very poor.	Fair	---	Very poor.	Poor.
Yawdim part	Poor	Poor	Poor	---	---	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
Absarokee:												
4, 5, 6	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]7:												
Absarokee part	Poor	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Borky part	Very poor.	Very poor.	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Blythe part	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
[1]8:												
Absarokee part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Sinnigam part	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Absher:												
9	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Poor	Very poor.	Poor	Very poor.	Very poor.	Very poor.
[1]10:												
Absher part	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Poor	Very poor.	Poor	Very poor.	Very poor.	Very poor.
Nobe part	Poor	Poor	Poor	---	---	Poor	Good	Fair	Very poor.	---	Poor	Poor.
Acel:												
11	Fair	Good	Fair	---	Good	Fair	Poor	Poor	Fair	---	Very poor.	Fair.
12	Fair	Good	Fair	---	Good	Poor	Poor	Very poor.	Fair	---	Very poor.	Fair.
Adel:												
13	Fair	Good	Good	Good	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Aquepts:												
[1]14:												
Aquepts part	Poor	Poor	Fair	---	---	Fair	Good	Fair	Poor	---	Fair	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Aquepts:												
Aquolls part----	Poor	Poor	Fair	---	---	Fair	Good	Fair	Poor	---	Fair	Fair.
Assinniboine:												
15, 16----------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]17:												
Assinniboine part----------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Absher part-----	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Poor	Very poor.	Poor	Very poor.	Very poor.	Very poor.
Azaar:												
18----------	Fair	Good	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
Benz:												
19, 20----------	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Very poor.	Very poor.
Big Timber:												
[1]21:												
Big Timber part-	Poor	Poor	Fair	---	Fair	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Castner part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]22:												
Big Timber part-	Very poor.	Very poor.	Fair	---	Fair	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Castner part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Binna:												
23, 24, 25--------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
26----------	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]27:												
Binna part------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Evanston part---	Fair	Fair	Fair	---	---	Fair	Fair	Very poor.	Fair	---	Poor	Fair.
Bitton:												
[1]28:												
Bitton part-----	Very poor.	Very poor.	Good	---	---	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Roy part--------	Poor	Fair	Fair	---	Good	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Blythe:												
29, 30----------	Fair	Good	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
31----------	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Borky:												
[1]32:												
Borky part	Very poor.	Very poor.	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Sinnigam part	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Bridger:												
33	Fair	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
34	Poor	Fair	Good	---	Good	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Cargill:												
35	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]36:												
Cargill part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Cabbart part.												
Castner:												
37, [1]38	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]39:												
Castner part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Perma part	Poor	Fair	Fair	---	Poor	Fair	Very poor.	Very poor.	---	Poor	Very poor.	Fair.
Rock outcrop part.												
[1]40:												
Castner part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Reeder part	Good	Good	Good	---	---	Fair	Poor	Very poor.	Good	---	Very poor.	Fair.
Cheadle:												
41	Poor	Poor	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
[1]42:												
Cheadle part	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Hilger part	Poor	Poor	Good	---	Good	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
[1]43:												
Cheadle part	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Loggert part	Very poor.	Very poor.	Good	---	Fair	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Crago:												
44, 45	Poor	Poor	Fair	---	Fair	Fair	Poor	Very poor.	Poor	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Crago:												
[1]46:												
Crago part------	Very poor.	Very poor.	Fair	---	Fair	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Yawdim part-----	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Danvers:												
47----------	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Darret:												
48----------	Fair	Good	Fair	---	Good	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]49:												
Darret part-----	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Castner part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]50:												
Darret part-----	Fair	Good	Fair	---	Good	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Castner part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Dast:												
[1]51:												
Dast part-------	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Rentsac part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Delpoint:												
52----------	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Dooley:												
53----------	Fair	Good	Good	---	---	Good	Poor	Very poor.	Good	---	Very poor.	Good.
54, 55-------	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Dutton:												
56----------	Fair	Good	Fair	---	---	Fair	Fair	Poor	Fair	---	Poor	Fair.
57----------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Eltsac:												
58----------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
59----------	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]60:												
Eltsac part-----	Poor	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Lisam part------	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Ernem:												
61	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Good.
62	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Ervide:												
63, 64	Poor	Fair	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
Ethridge:												
65	Fair	Good	Fair	---	---	Fair	Good	Fair	Fair	---	Fair	Fair.
66	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]67:												
Ethridge part	Fair	Good	Fair	---	---	Fair	Good	Fair	Fair	---	Fair	Fair.
Kobar part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]68:												
Ethridge part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Kobar part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Evanston:												
69, 71	Good	Good	Fair	---	---	Fair	Very poor.	Very poor.	Good	---	Fair	---
70	Fair	Fair	Fair	---	---	Fair	Fair	Very poor.	Fair	---	Poor	Fair.
72	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Fairfield:												
73, 74	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Good	---	Very poor.	Fair.
Farnuf:												
75	Fair	Fair	Good	---	---	Good	---	---	Fair	---	---	Good.
76, 77	Fair	Good	Good	---	---	Good	---	---	Good	---	---	Good.
Fergus:												
78, 79	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
80	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]81:												
Fergus part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Absher part	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Poor	Very poor.	Poor	Very poor.	Very poor.	Very poor.
Floweree:												
[1]82	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Fluventic Haplaquolls:												
[1]83	Poor	Poor	Fair	---	---	Fair	Good	Good	Poor	---	Good	Fair.
Fluventic Haploborolls:												
[1]84	Poor	Poor	Good	---	---	Good	Fair	Poor	Fair	---	Poor	Good.
Gerber:												
85	Fair	Good	Poor	---	---	Poor	Fair	Very poor.	Fair	---	Poor	Poor.
[1]86:												
Gerber part	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Acel part	Fair	Good	Fair	---	Good	Poor	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]87:												
Gerber part	Fair	Good	Poor	---	---	Poor	Fair	Very poor.	Fair	---	Poor	Poor.
Lawther part	Good	Good	Poor	---	---	Poor	Poor	Poor	Fair	---	Poor	Poor.
[1]88:												
Gerber part	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Lawther part	Fair	Fair	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Glendive:												
89	Fair	Good	Good	---	Good	Fair	Good	Poor	Fair	Good	Poor	Fair.
Hanson:												
90	Fair	Good	Good	---	---	Good	Poor	Very poor.	Good	---	Very poor.	Good.
[1]91:												
Hanson part	Fair	Good	Good	---	---	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Sheege part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
[1]92:												
Hanson part	Very poor.	Very poor.	Good	---	---	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Sheege part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
[1]93:												
Hanson part	Poor	Poor	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Skaggs part	Very poor.	Very poor.	Good	---	---	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Harlem:												
94, 95	Good	Good	Good	---	---	Good	Good	Good	Good	---	Good	Good.
Havre:												
96, 97	Fair	Good	Fair	Good	---	Fair	Very poor.	Very poor.	Fair	Good	Very poor.	Fair.
98	Fair	Fair	Poor	---	---	Poor	Good	Fair	Fair	---	Fair	Poor.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Hilger:												
99, 100	Very poor.	Very poor.	Good	---	Good	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
[1]101:												
Hilger part	Poor	Poor	Good	---	Good	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Castner part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Hillon:												
102	Poor	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Ipano:												
103	Good	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
[1]104:												
Ipano part	Good	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Castner part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]105:												
Ipano part	Good	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Hillon part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]106:												
Ipano part	Good	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Hillon part	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]107, [1]108:												
Ipano part	Good	Good	Good	---	Good	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Ticell part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Judith:												
109, 110, 111	Fair	Good	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
Kevin:												
[1]112:												
Kevin part	Fair	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Hillon part	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]113:												
Kevin part	Fair	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Scobey part	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Kobar:												
114, 115, 116	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Kobar:												
[1]117:												
Kobar part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Marias part	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Korent:												
118	Good	Good	Good	---	---	Good	Good	Fair	Good	---	Fair	Good.
Lallie:												
119	Poor	Fair	Good	---	---	Good	Good	Good	Fair	---	Good	Good.
Lambeth:												
[1]120:												
Lambeth part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Floweree part	Fair	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]121:												
Lambeth part	Very poor.	Very poor.	Fair	---	Good	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Lothair part	Very poor.	Very poor.	Poor	---	Fair	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
Lawther:												
122, 123	Good	Good	Poor	---	---	Poor	Poor	Poor	Fair	---	Poor	Poor.
[1]124:												
Lawther part.												
Gerber part	Fair	Good	Poor	---	---	Poor	Very poor.	Very poor.	Fair	---	Very poor.	Poor.
Lennep:												
[1]125:												
Lennep part	Fair	Fair	Poor	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Poor.
Nobe part	Poor	Poor	Poor	---	---	Poor	Good	Fair	Very poor.	---	Poor	Poor.
Libeg:												
126	Poor	Fair	Good	---	Good	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Lihen:												
127	Fair	Fair	Good	---	---	Good	---	---	Fair	---	---	Good.
128	Poor	Fair	Good	---	---	Good	---	---	Fair	---	---	Good.
Linnet:												
[1]129:												
Linnet part	Fair	Fair	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Acel part	Fair	Good	Fair	---	Good	Fair	Poor	Poor	Fair	---	Very poor.	Fair.
[1]130:												
Linnet part	Fair	Fair	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Acel part	Fair	Good	Fair	---	Good	Poor	Poor	Very poor.	Fair	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Linnet:												
[1]131:												
Linnet part-----	Fair	Fair	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Marias part-----	Fair	Good	Poor	---	---	Poor	Fair	Very poor.	Fair	---	Poor	Poor.
[1]132:												
Linnet part-----	Fair	Fair	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Marias part-----	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Lisam:												
[1]133:												
Lisam part------	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Rock outcrop part.												
Loberg:												
134----------	Very poor.	Very poor.	Good	---	Good	Good	Very poor.	Very poor.	Fair	Fair	Very poor.	---
[1]135:												
Loberg part-----	Very poor.	Very poor.	Good	---	Good	Good	Very poor.	Very poor.	Fair	Fair	Very poor.	---
Cheadle part----	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Loggert:												
136, 137----------	Very poor.	Very poor.	Good	---	Fair	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Lothair:												
138----------	Poor	Fair	Poor	---	Fair	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
Marias:												
139----------	Fair	Good	Poor	---	---	Poor	Fair	Very poor.	Fair	---	Poor	Poor.
140, 141----------	Fair	Good	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Marmarth:												
142----------	Fair	Good	Fair	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Marvan:												
143, 144----------	Poor	Poor	Poor	---	Poor	Poor	Poor	Very poor.	Poor	---	Very poor.	Poor.
145----------	Poor	Poor	Poor	---	---	Poor	Fair	Good	Poor	---	Poor	Poor.
McKenzie:												
146----------	Poor	Poor	Poor	---	---	Poor	Good	Good	Poor	---	Good	Poor.
147----------	Poor	Poor	Poor	---	---	Poor	Poor	Good	Poor	---	Fair	Poor.
Monad:												
148----------	Poor	Fair	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Monad:												
149	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
[1]150:												
Monad part	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Libeg part	Poor	Fair	Good	---	Good	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Pendroy:												
151	Fair	Fair	Poor	---	---	Poor	Good	Good	Fair	---	Good	Poor.
152	Fair	Fair	Poor	---	---	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
153	Fair	Fair	Poor	---	---	Poor	Very poor.	Very poor.	Fair	---	Very poor.	Poor.
Perma:												
154	Poor	Poor	Good	---	Good	Good	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Pylon:												
155	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Raynesford:												
156	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
157	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
[1]158, [1]159:												
Raynesford part	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Skaggs part	Poor	Fair	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
[1]160:												
Raynesford part	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Sheege part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
Reeder:												
161, 162	Good	Good	Good	---	---	Fair	Poor	Very poor.	Good	---	Very poor.	Fair.
Reeder variant:												
163	Fair	Good	Good	---	---	Good	Poor	Very poor.	Good	---	Very poor.	Good.
Rentsac:												
[1]164:												
Rentsac part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Ethridge part	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Rivra:												
165	Poor	Poor	Fair	---	Poor	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Rothiemay:												
166, 168	Fair	Good	Fair	---	---	Fair	Good	Fair	Fair	---	Fair	Fair.
167	Poor	Fair	Poor	---	---	Poor	Poor	Very poor.	Poor	---	Very poor.	Poor.
[1]169:												
Rothiemay part	Fair	Good	Fair	---	---	Fair	Poor	Poor	Fair	---	Poor	Fair.
Binna part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]170:												
Rothiemay part	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Binna part	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Ryell:												
171	Good	Good	Good	---	---	Good	Good	Very poor.	Good	---	Poor	Good.
[1]172:												
Ryell part	Good	Good	Good	---	---	Good	Good	Very poor.	Good	---	Poor	Good.
Rivra part	Poor	Poor	Fair	---	Poor	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Scobey:												
173	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]174:												
Scobey part	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Kevin part	Fair	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Shane:												
175	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
[1]176:												
Shane part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Nobe part	Poor	Poor	Poor	---	---	Poor	Good	Fair	Very poor.	---	Poor	Poor.
Shawa:												
177	Fair	Fair	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
178	Poor	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Sheege:												
179	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
180:												
Sheege part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
Rock outcrop part.												

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Sheege:												
[1]181:												
Sheege part	Very poor.	Very poor.	Poor	---	Very poor.	Poor	Very poor.	Very poor.	Very poor.	Poor	Very poor.	Poor.
Whitore part	Poor	Fair	Fair	---	Good	Good	Very poor.	Very poor.	Fair	Good	Very poor.	---
Sinnigam:												
182	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Straw:												
183	Good	Good	Good	---	---	Good	---	---	Good	---	---	Good.
184	Good	Good	Good	---	---	Good	Good	Good	Good	---	Good	Good.
[1]185:												
Straw part	Good	Good	Good	---	---	Good	Good	Good	Good	---	Good	Good.
Rivra part	Poor	Poor	Fair	---	Poor	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Tally:												
186, 187	Good	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
188, 189	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
[1]190:												
Tally part	Poor	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Castner part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Tanna:												
191, 192	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
193	Fair	Fair	Fair	---	Good	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]194:												
Tanna part	Fair	Good	Fair	---	Good	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
Wabek part	Poor	Poor	Poor	---	---	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
Terrad:												
195	Fair	Good	Poor	---	Fair	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
196	Fair	Good	Poor	---	Fair	Poor	Very poor.	Very poor.	Fair	---	Very poor.	Poor.
Thebo:												
197, 198	Poor	Poor	Poor	---	Poor	Poor	Poor	Very poor.	Poor	---	Very poor.	Poor.
Ticell:												
[1]199:												
Ticell part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Castner part	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Tigeron:												
[1]200:												
Tigeron part----	Poor	Fair	Good	---	Good	Good	Very poor.	Very poor.	Fair	Good	Very poor.	---
Loggert part----	Very poor.	Very poor.	Good	---	Fair	Good	Very poor.	Very poor.	Poor	---	Very poor.	Good.
Timberg:												
201----------	Fair	Good	Fair	---	Good	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
202----------	Fair	Good	Poor	---	Poor	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
[1]203:												
Timberg part----	Poor	Fair	Fair	---	Fair	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Big Timber part-	Poor	Poor	Fair	---	Fair	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]204:												
Timberg part----	Fair	Good	Poor	---	Poor	Poor	Poor	Very poor.	Fair	---	Very poor.	Poor.
Castner part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Torex:												
205----------	Fair	Good	Good	---	---	Good	Very poor.	Very poor.	Good	---	Very poor.	Good.
Turner:												
206----------	Fair	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Twin Creek:												
207, 208----------	Fair	Fair	Good	---	---	Good	Poor	Very poor.	Fair	---	Very poor.	Good.
Vanda:												
209----------	Poor	Fair	Very poor.	---	---	Very poor.	Poor	Very poor.	Poor	---	Very poor.	Very poor.
210----------	Very poor.	Very poor.	Very poor.	---	---	Very poor.	Good	Good	Very poor.	---	Good	Very poor.
Virgelle:												
211----------	Fair	Good	Good	---	---	Good	Fair	Fair	Good	---	Fair	Good.
[1]212:												
Virgelle part---	Fair	Good	Good	---	---	Good	Fair	Fair	Good	---	Fair	Good.
Absher part-----	Poor	Poor	Very poor.	---	Very poor.	Very poor.	Poor	Very poor.	Poor	Very poor.	Very poor.	Very poor.
Wabek:												
213----------	Poor	Poor	Poor	---	---	Poor	Very poor.	Very poor.	Poor	---	Very poor.	Poor.
Waybe:												
[1]214:												
Waybe part------	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Bynum part------	Very poor.	Very poor.	Fair	---	Good	Fair	Poor	Very poor.	Poor	---	Very poor.	Fair.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Waybe:												
[1]215:												
Waybe part------	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Rock outcrop part.												
Whitore:												
216----------	Poor	Fair	Fair	---	Good	Good	Very poor.	Very poor.	Fair	Good	Very poor.	---
Winifred:												
217----------	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
218----------	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]219:												
Winifred part---	Very poor.	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Yawdim part-----	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Woosley:												
220----------	Fair	Fair	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
221----------	Poor	Poor	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.
Work:												
222----------	Good	Good	Fair	---	---	Fair	Fair	Fair	Fair	---	Fair	Fair.
223, 224-----	Fair	Good	Fair	---	---	Fair	Poor	Very poor.	Fair	---	Very poor.	Fair.
225----------	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
[1]226:												
Work part-------	Fair	Good	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Work part-------	Poor	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Yamac:												
227, 228, 229, 230	Fair	Fair	Fair	---	---	Fair	Very poor.	Very poor.	Fair	---	Very poor.	Fair.
Yawdim:												
[1]231:												
Yawdim part-----	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.
Rentsac part----	Poor	Poor	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
Cabbart part----	Very poor.	Very poor.	Fair	---	---	Fair	Very poor.	Very poor.	Poor	---	Very poor.	Fair.
[1]232:												
Yawdim part-----	Very poor.	Very poor.	Poor	---	---	Poor	Very poor.	Very poor.	Very poor.	---	Very poor.	Poor.

See footnote at end of table.

TABLE 3.--WILDLIFE HABITAT POTENTIALS--Continued

Soil name and map symbol	Potential for habitat elements								Potential as habitat for--			
	Grain and seed crops	Grasses and legumes	Wild herbaceous plants	Hardwood trees	Coniferous plants	Shrubs	Wetland plants	Shallow water areas	Openland wildlife	Woodland wildlife	Wetland wildlife	Rangeland wildlife
Yawdim: Rock outcrop part.												
Yetull: 233	Poor	Poor	Good	---	---	Good	Very poor.	Very poor.	Fair	---	Very poor.	Good.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS

[The symbol < means less than; > means greater than. Absence of an entry means data were not estimated]

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments > 3 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Abor:											
1	0-6	Silty clay	CL, CH	A-6, A-7	0	100	100	95-100	85-95	35-55	15-30
	6-30	Silty clay	CL, CH	A-6, A-7	0	100	100	95-100	90-95	35-55	15-30
	30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
2:											
Abor part	0-6	Clay loam	CL	A-6	0	100	100	90-100	70-85	30-40	10-25
	6-30	Silty clay	CL, CH	A-6, A-7	0	100	100	95-100	90-95	35-55	15-30
	30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Yawdim part	0-16	Clay loam	CL, CH	A-7	0	100	100	90-100	70-90	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---
3:											
Abor part	0-6	Clay	CL, CH	A-6, A-7	0	100	100	95-100	85-95	35-55	15-30
	6-30	Silty clay	CL, CH	A-6, A-7	0	100	100	95-100	90-95	35-55	15-30
	30	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Yawdim part	0-16	Clay	CL, CH	A-7	0	100	100	90-100	70-95	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Absarokee:											
4, 5, 6	0-8	Clay loam	CL	A-6	0-5	95-100	95-100	90-100	70-80	25-35	10-15
	8-36	Silty clay, clay loam, channery clay loam.	CL, CH, SC	A-7	0-5	75-95	50-95	45-95	35-70	45-60	20-35
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
7:											
Absarokee part	0-8	Loam	CL, CL-ML	A-4, A-6	0-5	95-100	95-100	85-95	65-75	25-35	5-15
	8-36	Silty clay, clay loam, channery clay loam.	CL, CH, SC	A-7	0-5	75-95	50-95	45-95	35-70	45-60	20-35
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Borky part	0-4	Stony loam	SM, GM	A-2, A-4	15-25	50-75	50-70	45-60	30-45	20-30	NP-5
	4-14	Very stony clay, very stony clay loam.	GC, CL	A-6, A-7	30-45	50-75	50-70	45-65	40-60	35-45	15-25
	14-32	Very stony silty clay, very stony silty clay loam.	GC, CL	A-6	30-45	50-75	50-70	50-70	45-65	30-40	10-15
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Blythe part	0-11	Loam	ML	A-4	0	100	100	90-100	70-90	20-40	NP-10
	11-36	Clay, silty clay	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	36	Weathered bedrock.	---	---	---	---	---	---	---	---	---
8:											
Absarokee part	0-8	Clay loam	CL	A-6	0-5	95-100	95-100	90-100	70-80	25-35	10-15
	8-36	Silty clay, clay loam, channery clay loam.	CL, CH, SC	A-7	0-5	75-95	50-95	45-95	35-70	45-60	20-35
	36-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments > 3 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Absarokee:											
Sinnigam part---	0-6	Channery loam---	GC	A-2, A-6	0-10	55-65	50-55	45-55	30-40	25-35	10-15
	6-17	Very stony clay loam, very stony clay.	GC, CL	A-6	25-40	65-75	55-65	50-60	40-60	30-40	15-25
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Absher:											
[1]9:											
Absher part-----	0-5	Clay loam-------	CL	A-6, A-7	0	100	100	90-100	75-95	35-45	15-25
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
Absher part-----	0-5	Silty clay------	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
[1]10:											
Absher part-----	0-5	Clay loam-------	CL	A-6, A-7	0	100	100	90-100	75-95	35-45	15-25
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
Nobe part-------	0-4	Silty clay------	CL	A-7	0	100	100	95-100	90-95	40-50	20-35
	4-25	Silty clay------	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
	25-60	Stratified silty clay loam to silty clay.	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
Acel:											
11, 12----------	0-6	Silty clay loam	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25
	6-20	Silty clay, clay	CL, CH	A-7	0	95-100	95-100	90-100	85-95	40-60	20-40
	20-66	Silty clay loam, silty clay.	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25
Adel:											
13----------	0-7	Loam----------	CL-ML	A-4	0-10	85-100	85-100	80-95	65-80	25-30	5-10
	7-60	Loam, clay loam	CL, CL-ML	A-4, A-6	0-10	85-100	85-100	80-95	65-80	25-40	5-15
Aquepts:											
[1]14:											
Aquepts part----	0-60	Variable--------	---	---	---	---	---	---	---	---	---
Aquolls part----	0-60	Variable--------	---	---	---	---	---	---	---	---	---
Assinniboine:											
15, 16----------	0-7	Fine sandy loam	SM, ML	A-4	0	100	100	70-85	40-55	20-30	NP-5
	7-15	Sandy clay loam	SC, CL	A-6	0	100	100	80-90	35-55	25-35	10-15
	15-60	Fine sandy loam	SM, ML	A-4	0	100	100	70-85	40-55	20-30	NP-5
[1]17:											
Assinniboine part----------	0-7	Fine sandy loam	SM, ML	A-4	0	100	100	70-85	40-55	20-30	NP-5
	7-15	Sandy clay loam	SC, CL	A-6	0	100	100	80-90	35-55	25-35	10-15
	15-60	Fine sandy loam	SM, ML	A-4	0	100	100	70-85	40-55	20-30	NP-5
Absher part-----	0-5	Clay loam-------	CL	A-6, A-7	0	100	100	90-100	75-95	35-45	15-25
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
Azaar:											
18----------	0-13	Fine sandy loam	SM, ML	A-4	0	100	95-100	70-85	40-55	20-35	NP-5
	13-22	Silt loam, loam	ML	A-4	0	100	95-100	85-95	65-85	20-40	NP-10
	22-32	Silty clay loam, clay loam.	CL	A-6	0	100	95-100	95-100	75-95	25-40	10-15
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Benz:											
19, 20----------	0-2	Clay loam-------	CL	A-6, A-7	0	100	100	90-100	70-95	25-45	10-25
	2-60	Stratified fine sandy loam to clay loam.	CL-ML, CL	A-4, A-6	0	100	100	80-95	65-80	25-40	5-20

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Big Timber:											
[1]21, [1]22:											
Big Timber part-	0-15	Clay loam-------	CL	A-4, A-6	0-5	85-100	85-95	85-95	70-80	25-40	10-20
	15	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Castner part----	0-6	Channery loam---	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Binna:											
23----------	0-9	Fine sandy loam	CL-ML, SM-SC	A-4	0-5	95-100	90-100	70-85	40-55	20-30	5-10
	9-28	Loam, gravelly loam, gravelly sandy loam.	CL-ML	A-4	0-10	85-100	70-100	70-90	60-75	20-30	5-10
	28-60	Very gravelly loamy sand.	GP-GM	A-1	0-10	35-55	20-35	10-25	5-10	---	NP
24, 25----------	0-9	Loam----------	CL-ML	A-4	0-5	95-100	90-100	85-95	60-75	20-30	5-10
	9-28	Loam, gravelly loam, gravelly sandy loam.	CL-ML	A-4	0-10	85-100	70-100	70-90	60-75	20-30	5-10
	28-60	Very gravelly loamy sand.	GP-GM	A-1	0-10	35-55	20-35	10-25	5-10	---	NP
26----------	0-9	Cobbly loam-----	SM-SC, CL-ML	A-4	10-30	70-90	70-90	55-65	40-55	20-30	5-10
	9-28	Loam, gravelly loam, gravelly sandy loam.	CL-ML	A-4	0-10	85-100	70-100	70-90	60-75	20-30	5-10
	28-60	Very gravelly loamy sand.	GP-GM	A-1	0-10	35-55	20-35	10-25	5-10	---	NP
[1]27:											
Binna part------	0-9	Loam----------	CL-ML	A-4	0-5	95-100	90-100	85-95	60-75	20-30	5-10
	9-28	Loam, gravelly loam, gravelly sandy loam.	CL-ML	A-4	0-10	85-100	70-100	70-90	60-75	20-30	5-10
	28-60	Very gravelly loamy sand.	GP-GM	A-1	0-10	35-55	20-35	10-25	5-10	---	NP
Evanston part---	0-8	Clay loam-------	CL	A-6	0-5	95-100	95-100	85-100	65-80	30-40	10-15
	8-27	Clay loam-------	CL	A-6	0-5	95-100	95-100	85-100	65-80	25-35	10-15
	27-60	Loam, clay loam, gravelly sandy loam.	CL	A-6	0-5	95-100	95-100	70-90	50-75	25-35	10-15
Bitton:											
[1]28:											
Bitton part-----	0-7	Stony loam------	GM, GM-GC	A-2, A-4	15-25	40-70	35-60	25-55	20-45	25-35	5-10
	7-40	Very stony loam	GM, GM-GC	A-1, A-2	50-65	30-60	20-50	15-45	15-35	25-35	5-10
	40-60	Very stony clay loam.	GC	A-2, A-6	25-80	40-70	40-60	35-55	30-50	30-40	10-15
Roy part--------	0-6	Stony loam------	GM-GC, SM-SC, CL-ML	A-2, A-4	15-30	55-80	45-70	40-65	25-55	20-30	5-10
	6-32	Very stony clay loam.	GC, CL	A-2, A-6	25-55	55-80	55-70	40-70	30-55	20-40	10-25
	32-60	Very stony sandy clay loam.	GM, SM	A-1, A-2, A-4	25-55	60-80	50-70	35-65	20-40	20-35	NP-10
Blythe:											
29, 30, 31--------	0-11	Silt loam-------	ML	A-4	0	100	100	90-100	70-90	20-40	NP-10
	11-36	Clay, silty clay	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	36	Weathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Borky:											
[1]32:											
Borky part------	0-4	Very stony loam	SM, GM	A-2, A-4	30-45	50-75	50-70	45-60	30-45	20-30	NP-5
	4-14	Very stony clay, very stony clay loam.	GC, CL	A-6, A-7	30-45	50-75	50-70	45-65	40-60	35-45	15-25
	14-32	Very stony silty clay, very stony silty clay loam.	GC, CL	A-6	30-45	50-75	50-70	50-70	45-65	30-40	10-15
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Sinnigam part---	0-6	Very stony loam	GM, GM-GC	A-2, A-4	50-85	50-70	40-60	35-50	25-45	20-30	NP-10
	6-17	Very stony clay loam, very stony clay.	GC, CL	A-6	25-40	65-75	55-65	50-60	40-60	25-40	10-20
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bridger:											
33, 34----------	0-8	Loam----------	CL, CL-ML	A-4, A-6	0	95-100	90-100	80-95	60-75	20-30	5-15
	8-28	Clay, clay loam	CL	A-6, A-7	0	95-100	95-100	90-95	75-90	30-45	15-25
	28-60	Gravelly clay loam.	GM-GC, GC, CL-ML, CL	A-4, A-6	0-5	60-85	50-75	45-70	35-55	25-35	5-15
Cargill:											
35----------	0-6	Silty clay loam	CL	A-6	0-5	95-100	95-100	95-100	85-95	25-40	10-20
	6-17	Silty clay loam	CL	A-6	0-5	95-100	95-100	95-100	85-95	25-40	10-20
	17-30	Silty clay loam	CL	A-6, A-7	0-5	95-100	95-100	95-100	85-95	25-45	10-20
	30	Weathered bedrock.	---	---	---	---	---	---	---	---	---
[1]36:											
Cargill part----	0-6	Silty clay loam	CL	A-6	0-5	95-100	95-100	95-100	85-95	25-40	10-20
	6-17	Silty clay loam	CL	A-6	0-5	95-100	95-100	95-100	85-95	25-40	10-20
	17-30	Silty clay loam	CL	A-6, A-7	0-5	95-100	95-100	95-100	85-95	25-45	10-20
	30	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Cabbart part----	0-3	Loam----------	CL, CL-ML	A-4	0	100	100	85-95	60-80	20-30	5-10
	3-18	Loam, clay loam, silty clay loam.	CL, CL-ML	A-4, A-5, A-6	0	100	100	85-95	60-85	20-40	5-20
	18	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Castner:											
37----------	0-6	Loamy fine sand	SM	A-2	0-5	90-100	85-100	55-80	25-35	15-25	NP-5
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]38----------	0-6	Channery loam---	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Castner:											
139:											
Castner part----	0-6	Cobbly loam-----	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-85	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Perma part------	0-11	Very cobbly loam	GM, GM-GC	A-2	30-55	50-60	40-50	30-40	25-35	20-30	NP-10
	11-60	Very gravelly sandy loam, very cobbly loam, very cobbly sandy loam.	GM, GM-GC, SM, SM-SC	A-2, A-1	15-65	50-75	40-75	25-45	15-35	20-30	NP-10
Rock outcrop part.											
140:											
Castner part----	0-6	Stony loam------	SM, ML	A-4	15-25	75-90	65-90	55-85	40-70	25-35	NP-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Reeder part-----	0-3	Loam----------	CL, CL-ML	A-4, A-6	0	100	100	90-100	65-85	20-40	5-20
	3-27	Clay loam, loam	CL, CL-ML	A-4, A-6, A-7	0	100	100	90-100	60-80	25-50	5-30
	27-60	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Cheadle:											
41----------	0-10	Very stony loam, stony loam.	CL-ML	A-4	15-40	85-95	85-95	80-90	60-70	20-30	5-10
	10	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
142:											
Cheadle part----	0-10	Very stony loam, stony loam.	CL-ML	A-4	15-40	85-95	85-95	80-90	60-70	20-30	5-10
	10	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hilger part-----	0-5	Very stony loam	ML, SM, CL-ML, SM-SC	A-4	25-40	75-85	65-75	55-70	40-60	20-30	NP-10
	5-15	Very cobbly clay loam, very cobbly sandy clay loam.	GM-GC, GC	A-2, A-4, A-6	30-60	35-65	30-60	25-55	20-45	25-35	5-15
	15-60	Very cobbly loam	GM	A-1, A-2, A-4	30-60	35-65	25-55	20-55	15-40	20-35	NP-10
143:											
Cheadle part----	0-10	Very stony loam, stony loam.	CL-ML	A-4	15-40	85-95	85-95	80-90	60-70	20-30	5-10
	10	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Loggert part----	0-19	Extremely stony loam.	SM, SM-SC, ML, CL-ML	A-2, A-4	65-85	70-95	55-85	45-80	30-65	25-35	5-10
	19-60	Extremely stony sandy clay loam.	SM	A-1, A-2	65-85	70-95	55-85	45-75	20-35	20-30	NP-5

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Crago:											
44	0-3	Gravelly loam	GM-GC, GM, CL-ML, ML	A-2, A-4	0-10	55-80	50-70	30-65	30-55	20-30	NP-10
	3-9	Very gravelly clay loam, very gravelly loam.	GM-GC, GC	A-2	0-15	35-45	20-35	15-35	10-30	20-45	5-25
	9-60	Very gravelly sandy loam.	GP-GM	A-1	0-15	35-45	20-35	10-25	5-10	---	NP
45	0-3	Very cobbly loam	GM	A-1, A-2	65-70	40-55	30-40	25-40	20-30	20-30	NP-5
	3-9	Very gravelly clay loam, very gravelly loam.	GM-GC, GC	A-2	0-15	35-45	20-35	15-35	10-30	20-45	5-25
	9-60	Very gravelly sandy loam.	GP-GM	A-1	0-15	35-45	20-35	10-25	5-10	---	NP
[1]46:											
Crago part	0-3	Very cobbly loam	GM	A-1, A-2	65-70	40-55	30-40	25-40	20-30	20-30	NP-5
	3-9	Very gravelly clay loam, very gravelly loam.	GM-GC, GC	A-2	0-15	35-45	20-35	15-35	10-30	20-45	5-25
	9-60	Very gravelly sandy loam.	GP-GM	A-1	0-15	35-45	20-35	10-25	5-10	---	NP
Yawdim part	0-16	Clay loam	CL, CH	A-7	0	100	100	90-100	70-95	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Danvers:											
47	0-5	Silty clay loam	CL	A-6, A-7	0-5	100	100	95-100	85-95	25-45	10-25
	5-60	Silty clay, clay, silty clay loam.	CL, CH	A-7	0-5	100	100	95-100	90-95	45-60	20-35
Darret:											
48	0-7	Silty clay loam	CL	A-6, A-7	0-5	95-100	95-100	95-100	85-95	25-45	10-25
	7-28	Silty clay, silty clay loam, clay loam.	CL	A-6, A-7	0-10	95-100	95-100	95-100	90-95	30-45	10-20
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]49, [1]50:											
Darret part	0-7	Silty clay loam	CL	A-6, A-7	0-5	95-100	95-100	95-100	85-95	25-45	10-25
	7-28	Silty clay, silty clay loam, clay loam.	CL	A-6, A-7	0-10	95-100	95-100	95-100	90-95	30-45	10-20
	28	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Castner part	0-6	Channery loam	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Dast:											
[1]51:											
Dast part	0-30	Fine sandy loam	SM	A-4	0	100	100	65-80	35-50	20-30	NP-5
	30	Weathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Dast:											
Rentsac part----	0-7	Very channery sandy loam.	GM	A-1	5-10	35-45	35-45	15-25	10-15	---	NP
	7-18	Very channery loam, very flaggy loam, very channery sandy loam.	GM	A-1	20-60	30-55	20-30	15-30	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Delpoint:											
52----------	0-3	Loam----------	CL-ML	A-4	0	100	100	85-95	60-75	20-30	5-10
	3-28	Loam, clay loam, silty clay loam.	CL-ML, CL	A-4, A-6	0	100	100	85-95	65-85	25-35	5-15
	28-42	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Dooley:											
53, 54, 55--------	0-4	Sandy loam------	SM, ML	A-4	0-5	100	95-100	65-85	35-55	20-30	NP-5
	4-20	Sandy clay loam, sandy loam.	SC, CL	A-6	0-5	100	85-100	80-90	35-55	25-35	10-20
	20-44	Clay loam-------	CL	A-6	0-5	95-100	85-95	80-90	70-80	25-40	10-25
	44-60	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-60	25-35
Dutton:											
56, 57----------	0-6	Silty clay loam	CL	A-6, A-7	0	90-100	90-100	90-100	85-95	25-45	10-20
	6-27	Silty clay, clay	CL, CH	A-7	0	90-100	90-100	90-100	90-95	40-60	25-40
	27-30	Very channery loam.	GM	A-2, A-1	0-5	40-60	25-35	20-30	15-25	20-30	NP-5
	30-36	Clay----------	CH	A-7	0	90-100	90-100	90-100	75-95	50-60	25-35
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Eltsac:											
58, 59----------	0-6	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	6-26	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	26	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]60:											
Eltsac part-----	0-6	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	6-26	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	26	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Lisam part------	0-12	Clay----------	CH	A-7	0	100	100	90-100	80-95	50-75	25-50
	12	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Ernem:											
61----------	0-6	Loam----------	CL-ML	A-4	0-5	90-100	90-100	85-95	60-75	20-30	5-10
	6-15	Stony clay loam, very stony clay	CL, SC	A-6, A-7	25-40	75-95	65-90	60-85	45-70	35-45	15-20
	15	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
62----------	0-3	Very stony loam	ML, CL-ML	A-4	50-65	65-95	55-85	45-80	35-65	25-35	5-10
	3-15	Stony clay loam, very stony clay	CL, SC	A-6, A-7	25-40	75-95	65-90	60-85	45-70	35-45	15-20
	15	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ervide:											
63----------	0-9	Loamy fine sand	SM	A-2	0	95-100	90-100	55-80	25-35	---	NP
	9-23	Loamy fine sand	SM	A-2	0	95-100	90-100	55-80	25-35	---	NP
	23-32	Gravelly loam, silt loam.	SM, ML, SM-SC, CL-ML	A-4	0-10	90-100	60-90	50-90	35-70	20-30	NP-10
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Ervide:											
64	0-9	Fine sandy loam	SM, ML	A-4	0	95-100	90-100	70-85	40-55	25-35	NP-5
	9-23	Loamy fine sand	SM	A-2	0	95-100	90-100	55-80	25-35	---	NP
	23-32	Gravelly loam, silt loam.	SM, ML, SM-SC, CL-ML	A-4	0-10	90-100	60-90	50-90	35-70	20-30	NP-10
	32	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ethridge:											
65, 66	0-7	Silty clay loam	CL	A-6, A-7	0	100	100	95-100	85-95	25-45	10-20
	7-16	Silty clay, silty clay loam.	CL, CH	A-7	0	100	100	95-100	90-95	40-55	20-30
	16-60	Stratified loam to silty clay.	CL	A-6, A-7	0	100	100	95-100	85-95	25-45	10-20
[1]67, [1]68:											
Ethridge part	0-7	Silty clay loam	CL	A-6, A-7	0	100	100	95-100	85-95	25-45	10-20
	7-16	Silty clay, silty clay loam.	CL, CH	A-7	0	100	100	95-100	90-95	40-55	20-30
	16-60	Stratified loam to silty clay.	CL	A-6, A-7	0	100	100	95-100	85-95	25-45	10-20
Kobar part	0-6	Silty clay loam	ML	A-7	0	100	100	95-100	85-95	40-50	15-20
	6-26	Silty clay loam, silty clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
	26-60	Silty clay loam, silty clay, clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
Evanston:											
69, 70	0-8	Loam	CL, CL-ML	A-4, A-6	0-5	95-100	95-100	85-90	65-70	25-35	5-15
	8-27	Clay loam	CL	A-6	0-5	95-100	95-100	85-100	65-80	25-35	10-15
	27-60	Loam, clay loam, gravelly sandy loam.	CL	A-6	0-5	95-100	95-100	70-90	50-75	25-35	10-15
71	0-8	Clay loam	CL	A-6	0-5	95-100	95-100	85-100	65-80	30-40	10-15
	8-27	Clay loam	CL	A-6	0-5	95-100	95-100	85-100	65-80	25-35	10-15
	27-60	Loam, clay loam, gravelly sandy loam.	CL	A-6	0-5	95-100	95-100	70-90	50-75	25-35	10-15
72	0-8	Cobbly clay loam	CL, GC, SC	A-6	15-25	65-95	60-80	50-75	40-65	30-40	10-15
	8-27	Clay loam	CL	A-6	0-5	95-100	95-100	85-100	65-80	25-35	10-15
	27-60	Loam, clay loam, gravelly sandy loam.	CL	A-6	0-5	95-100	95-100	70-90	50-75	25-35	10-15
Fairfield:											
73	0-7	Loam	ML	A-4	0	95-100	85-95	85-95	60-75	20-35	NP-10
	7-14	Silty clay loam, clay loam.	CL	A-6	0	95-100	85-95	80-90	70-80	25-40	10-20
	14-60	Silty clay loam	CL	A-6	0	95-100	85-95	80-90	70-85	25-35	10-15
74	0-7	Clay loam	CL	A-6	0	95-100	85-95	80-90	70-80	25-35	10-15
	7-14	Silty clay loam, clay loam.	CL	A-6	0	95-100	85-95	80-90	70-80	25-40	10-20
	14-60	Silty clay loam	CL	A-6	0	95-100	85-95	80-90	70-85	25-35	10-15
Farnuf:											
75, 76, 77	0-7	Loam	ML, CL-ML	A-4	0	90-100	90-100	75-100	55-90	10-30	NP-10
	7-36	Clay loam, loam	ML, CL, CL-ML	A-4, A-6	0	90-100	80-100	70-100	50-80	10-40	NP-25
	36-60	Stratified fine sandy loam to loam.	ML, SM	A-4	0	90-100	80-100	75-95	45-65	10-20	NP-5

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Fergus:											
78, 79	0-6	Clay loam	CL	A-6	0	90-100	85-100	85-95	70-80	25-35	10-15
	6-42	Clay loam, silty clay loam, silty clay.	CL	A-6, A-7	0	95-100	95-100	90-100	75-90	30-50	15-25
	42-60	Silty clay loam, clay loam.	CL	A-6, A-7	0	90-100	85-100	85-95	85-95	25-45	10-20
80	0-6	Silty clay loam	CL	A-6, A-7	0	90-100	85-100	85-95	85-95	25-45	10-20
	6-42	Clay loam, silty clay loam, silty clay.	CL	A-6, A-7	0	95-100	95-100	90-100	75-90	30-50	15-25
	42-60	Silty clay loam, clay loam.	CL	A-6, A-7	0	90-100	85-100	85-95	85-95	25-45	10-20
[1]81:											
Fergus part	0-6	Silty clay loam	CL	A-6, A-7	0	90-100	85-100	85-95	85-95	25-45	10-20
	6-42	Clay loam, silty clay loam, silty clay.	CL	A-6, A-7	0	95-100	95-100	90-100	75-90	30-50	15-25
	42-60	Silty clay loam, clay loam.	CL	A-6, A-7	0	90-100	85-100	85-95	85-95	25-45	10-20
Absher part	0-5	Silty clay loam	CL	A-6, A-7	0	100	100	90-100	75-95	35-45	15-25
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
Floweree:											
[1]82	0-8	Silt loam	ML	A-4	0	100	100	90-100	70-90	20-40	NP-10
	8-20	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
	20-36	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
	36-60	Stratified silty clay loam to silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
Fluventic Haplaquolls:											
[1]83	0-60	Variable	---	---	---	---	---	---	---	---	---
Fluventic Haploborolls:											
[1]84	0-60	Variable	---	---	---	---	---	---	---	---	---
Gerber:											
85	0-7	Silty clay loam	CL	A-7	0	100	95-100	90-100	85-95	40-50	20-30
	7-32	Silty clay, clay, silty clay loam.	CL, CH	A-7	0	100	100	90-100	85-95	40-60	20-40
	32-60	Clay loam, clay	CL	A-7	0	95-100	90-100	90-100	75-90	40-50	20-30
[1]86:											
Gerber part	0-7	Silty clay loam	CL	A-7	0	100	95-100	90-100	85-95	40-50	20-30
	7-32	Silty clay, clay, silty clay loam.	CL, CH	A-7	0	100	100	90-100	85-95	40-60	20-40
	32-60	Clay loam, clay	CL	A-7	0	95-100	90-100	90-100	75-90	40-50	20-30
Acel part	0-6	Silty clay loam	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25
	6-20	Silty clay, clay	CL, CH	A-7	0	95-100	95-100	90-100	85-95	40-60	20-40
	20-66	Silty clay loam, silty clay.	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
[1]87, [1]88:											
Gerber part-----	0-7	Silty clay------	CL, CH	A-7	0	100	95-100	90-100	85-95	40-60	20-40
	7-32	Silty clay, clay, silty clay loam.	CL, CH	A-7	0	100	100	90-100	85-95	40-60	20-40
	32-60	Clay loam, clay	CL	A-7	0	95-100	90-100	90-100	75-90	40-50	20-30
Lawther part----	0-30	Silty clay------	CL, CH	A-7	0	100	100	90-100	80-95	40-70	25-40
	30-60	Clay, clay loam	CL, CH	A-7	0	100	100	90-100	80-95	40-70	20-40
Glendive:											
89----------	0-16	Loam----------	ML, CL-ML	A-4	0	100	100	80-90	55-70	20-35	5-10
	16-60	Stratified fine sandy loam to loamy fine sand.	SM	A-4, A-2	0	95-100	75-100	60-80	25-45	15-30	NP-5
Hanson:											
90----------	0-8	Loam----------	ML, CL, CL-ML	A-4, A-6	0-5	95-100	95-100	80-95	60-75	20-35	NP-15
	8-14	Loam----------	ML, CL, CL-ML	A-4, A-6	0-10	90-100	85-100	80-95	60-75	20-35	NP-15
	14-60	Very cobbly loam	GM, GM-GC	A-2, A-4, A-1	65-75	40-70	35-60	25-55	20-45	20-30	NP-10
[1]91, [1]92:											
Hanson part-----	0-8	Loam----------	ML, CL, CL-ML	A-4, A-6	0-5	95-100	95-100	80-95	60-75	20-35	NP-15
	8-14	Loam----------	ML, CL, CL-ML	A-4, A-6	0-10	90-100	85-100	80-95	60-75	20-35	NP-15
	14-60	Very cobbly loam	GM, GM-GC	A-2, A-4, A-1	65-75	40-70	35-60	25-55	20-45	20-30	NP-10
Sheege part-----	0-16	Stony loam, very stony loam.	GM	A-1, A-2, A-4	15-40	30-65	25-60	20-50	15-40	20-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]93:											
Hanson part-----	0-8	Stony loam------	SM, ML	A-4	15-25	75-90	65-90	55-85	40-70	20-35	NP-10
	8-14	Stony loam------	SM, ML	A-4	15-25	75-90	65-90	55-85	40-70	20-35	NP-10
	14-60	Very cobbly loam	GM, GM-GC	A-2, A-4, A-1	65-75	40-70	35-60	25-55	20-45	20-30	NP-10
Skaggs part-----	0-10	Stony loam------	CL, SC	A-6	15-25	75-95	70-85	60-80	40-65	25-35	10-15
	10-21	Very gravelly clay loam.	GC	A-6, A-2	0-10	50-65	35-55	30-50	25-45	25-40	10-20
	21-32	Very stony clay loam.	CL	A-6	15-25	80-95	70-85	65-80	50-70	25-40	10-20
	32-38	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Harlem:											
94----------	0-8	Silty clay loam	CL, ML	A-6, A-7	0	100	100	95-100	80-95	35-45	10-20
	8-40	Stratified clay to silty clay loam.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-40
	40-60	Stratified silt loam to fine sandy loam.	CL, CL-ML	A-6, A-4	0	100	100	85-95	60-75	20-40	5-15
95----------	0-8	Silty clay------	CL, CH	A-7	0	100	100	90-100	75-90	40-65	20-40
	8-40	Stratified clay to silty clay loam.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-40
	40-60	Stratified silt loam to fine sandy loam.	CL, CL-ML	A-6, A-4	0	100	100	85-95	60-75	20-40	5-15

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Havre:											
96, 97	0-8	Loam	ML, CL-ML	A-4	0	100	100	80-95	60-75	20-30	NP-10
	8-60	Stratified fine sandy loam to clay loam.	ML, CL-ML	A-4	0	100	100	80-95	50-80	15-25	NP-10
98	0-8	Loam	ML, CL-ML	A-4	0	100	100	85-95	60-75	20-30	NP-10
	8-60	Loam, fine sandy loam.	ML	A-4	0	100	100	75-90	70-80	15-25	NP-5
Hilger:											
99, 100	0-5	Very stony loam	ML, SM, CL-ML, SM-SC	A-4, A-6	50-65	80-95	70-85	60-80	40-65	20-30	NP-10
	5-15	Very cobbly clay loam, very cobbly sandy clay loam.	GM-GC, GC	A-2, A-4, A-6	30-60	35-65	30-60	25-55	20-45	25-35	5-15
	15-60	Very cobbly loam	GM	A-1, A-2, A-4	30-60	35-65	25-55	20-55	15-40	20-35	NP-10
[1]101:											
Hilger part	0-5	Very stony loam	ML, SM, CL-ML, SM-SC	A-4	25-40	75-85	65-75	55-70	40-60	20-30	NP-10
	5-15	Very cobbly clay loam, very cobbly sandy clay loam.	GM-GC, GC	A-2, A-4, A-6	30-60	35-65	30-60	25-55	20-45	25-35	5-15
	15-60	Very cobbly loam	GM	A-1, A-2, A-4	30-60	35-65	25-55	20-55	15-40	20-35	NP-10
Castner part	0-6	Channery loam	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hillon:											
102	0-5	Clay loam	CL	A-6	0-5	85-100	85-100	85-95	70-80	25-35	10-20
	5-60	Loam, clay loam	CL	A-6	0-5	85-100	80-100	80-90	65-80	25-35	10-20
Ipano:											
103	0-8	Loam	ML, CL-ML	A-4	0-5	95-100	85-100	85-95	60-75	20-30	NP-10
	8-19	Silt loam	ML	A-4	0-5	95-100	85-100	85-100	70-80	30-40	NP-10
	19-34	Gravelly loam, channery loam.	SM, GM	A-4	0-10	65-85	55-75	45-70	35-50	20-35	NP-5
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]104:											
Ipano part	0-8	Loam	ML, CL-ML	A-4	0-5	95-100	85-100	85-95	60-75	20-30	NP-10
	8-19	Silt loam	ML	A-4	0-5	95-100	85-100	85-100	70-80	30-40	NP-10
	19-34	Gravelly loam, channery loam.	SM, GM	A-4	0-10	65-85	55-75	45-70	35-50	20-35	NP-5
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Ipano:											
[1]104											
Castner part----	0-6	Channery loam---	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]105, [1]106:											
Ipano part------	0-8	Loam----------	ML, CL-ML	A-4	0-5	95-100	85-100	85-95	60-75	20-30	NP-10
	8-19	Silt loam-------	ML	A-4	0-5	95-100	85-100	85-100	70-80	30-40	NP-10
	19-34	Gravelly loam, channery loam.	SM, GM	A-4	0-10	65-85	55-75	45-70	35-50	20-35	NP-5
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Hillon part-----	0-5	Clay loam-------	CL	A-6	0-5	85-100	85-100	85-95	70-80	25-35	10-20
	5-60	Loam, clay loam	CL	A-6	0-5	85-100	80-100	80-90	65-80	25-35	10-20
[1]107, [1]108:											
Ipano part------	0-8	Loam----------	ML, CL-ML	A-4	0-5	95-100	85-100	85-95	60-75	20-30	NP-10
	8-19	Silt loam-------	ML	A-4	0-5	95-100	85-100	85-100	70-80	30-40	NP-10
	19-34	Gravelly loam, channery loam.	SM, GM	A-4	0-10	65-85	55-75	45-70	35-50	20-35	NP-5
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ticell part-----	0-6	Loam----------	ML	A-4	0-10	95-100	95-100	85-95	60-75	20-35	NP-10
	6-15	Silt loam-------	CL, CL-ML	A-4, A-6	0-10	95-100	95-100	90-100	70-85	20-40	5-15
	15	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Judith:											
109, 110----------	0-7	Loam----------	ML	A-4	0-5	90-100	90-100	85-95	60-75	20-35	NP-10
	7-22	Clay loam-------	CL	A-6	0-5	90-100	90-100	85-95	70-80	25-40	10-20
	22-26	Gravelly loam---	GM, SM, ML	A-4	0-10	70-90	60-80	50-60	45-65	20-30	NP-10
	26-60	Very gravelly coarse sandy loam, very gravelly sandy loam.	GP-GM	A-1	0-10	40-55	25-35	15-25	5-10	---	NP
111---------------	0-7	Loam----------	ML	A-4	0-5	90-100	90-100	85-95	60-75	25-35	NP-10
	7-22	Clay loam-------	CL	A-6	0-5	90-100	90-100	85-95	70-80	25-40	10-20
	22-26	Gravelly loam---	GM, SM, ML	A-4	0-10	70-90	60-80	50-60	45-65	20-30	NP-10
	26-50	Very gravelly coarse sandy loam, very gravelly sandy loam.	GP-GM	A-1	0-10	40-55	25-35	15-25	5-10	---	NP
	50	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Kevin:											
[1]112:											
Kevin part------	0-7	Clay loam-------	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	7-30	Clay loam-------	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	30-60	Clay loam-------	CL	A-6, A-7	0-5	90-100	85-100	80-95	70-80	30-45	10-20
Hillon part-----	0-5	Clay loam-------	CL	A-6	0-5	85-100	85-100	85-95	70-80	25-35	10-20
	5-60	Loam, clay loam	CL	A-6	0-5	85-100	80-100	80-90	65-80	25-35	10-20

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Kevin:											
[1]113:											
Kevin part------	0-7	Clay loam-------	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	7-30	Clay loam-------	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	30-60	Clay loam-------	CL	A-6, A-7	0-5	90-100	85-100	80-95	70-80	30-45	10-20
Scobey part-----	0-7	Clay loam-------	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
	7-16	Clay, clay loam	CH	A-7	0-5	85-100	85-95	80-95	65-90	50-60	25-35
	16-60	Clay loam-------	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
Kobar:											
114, 115, 116-----	0-6	Silty clay loam	ML, CL	A-7	0	100	100	95-100	85-95	40-50	15-20
	6-26	Silty clay loam, silty clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
	26-60	Silty clay loam, silty clay, clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
[1]117:											
Kobar part------	0-6	Silty clay loam	ML, CL	A-7	0	100	100	95-100	85-95	40-50	15-20
	6-26	Silty clay loam, silty clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
	26-60	Silty clay loam, silty clay, clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-55	20-30
Marias part-----	0-8	Silty clay------	CL, CH	A-7	0	100	100	95-100	90-95	40-60	20-40
	8-34	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
	34-60	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
Korent:											
118---------------	0-9	Loam------------	ML, CL-ML	A-4	0	100	100	85-95	60-75	25-35	5-10
	9-26	Loam, silt loam, sandy clay loam.	CL	A-4, A-6	0	100	100	80-95	50-75	25-35	10-15
	26-41	Very fine sandy loam.	ML	A-4	0	100	100	85-95	50-65	---	NP
	41-60	Stratified sandy loam to loamy sand.	SM	A-2	0	100	100	55-65	20-35	---	NP
Lallie:											
119---------------	0-2	Silty clay loam	CL, CH	A-6, A-7	0	100	100	95-100	85-95	25-70	10-45
	2-50	Silty clay loam, silty clay.	CL, CH	A-7	0	100	100	95-100	85-95	40-70	20-50
	50-60	Very gravelly sand.	GP, SP	A-1	0	35-55	20-40	10-25	0-5	---	NP
Lambeth:											
[1]120:											
Lambeth part----	0-4	Silt loam-------	ML	A-4	0	100	100	90-100	75-90	20-40	NP-10
	4-66	Silt loam-------	ML	A-4	0	100	100	90-100	75-90	20-40	NP-10
Floweree part---	0-8	Silt loam-------	ML	A-4	0	100	100	90-100	70-90	20-40	NP-10
	8-20	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
	20-36	Silty clay loam, silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
	36-60	Stratified silty clay loam to silt loam.	CL	A-6	0	100	100	95-100	85-95	25-40	10-20
[1]121:											
Lambeth part----	0-4	Silt loam-------	ML	A-4	0	100	100	90-100	75-90	20-40	NP-10
	4-66	Silt loam-------	ML	A-4	0	100	100	90-100	75-90	20-40	NP-10
Lothair part----	0-3	Silty clay loam	CL	A-6, A-7	0	100	95-100	95-100	85-95	30-45	10-25
	3-60	Stratified silty clay to silt loam.	CL	A-6, A-7	0	100	95-100	90-95	90-95	35-45	15-25

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments > 3 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Lawther:											
122	0-30	Silty clay	CL, CH	A-7	0	100	100	90-100	80-95	40-70	25-40
	30-60	Clay, clay loam	CL, CH	A-7	0	100	100	90-100	80-95	40-70	20-40
123	0-60	Clay	CL, CH	A-7	0	100	100	90-100	80-95	40-70	25-40
[1]124:											
Lawther part	0-30	Silty clay	CL, CH	A-7	0	100	100	90-100	80-95	40-70	25-40
	30-60	Clay, clay loam	CL, CH	A-7	0	100	100	90-100	80-95	40-70	20-40
Gerber part	0-7	Silty clay loam	CL	A-7	0	100	95-100	90-100	85-95	40-50	20-30
	7-32	Silty clay, clay, silty clay loam.	CL, CH	A-7	0	100	100	90-100	85-95	40-60	20-40
	32-60	Clay loam, clay	CL	A-7	0	95-100	90-100	90-100	75-90	40-50	20-30
Lennep:											
[1]125:											
Lennep part	0-6	Loam	ML	A-4	0	100	100	85-95	60-75	20-35	NP-10
	6-24	Clay, clay loam	CL, CH	A-7	0	100	100	90-100	80-95	45-60	25-35
	24-60	Sandy clay, sandy clay loam.	CL, SC	A-6	0	100	100	80-95	45-60	25-40	10-20
Nobe part	0-4	Clay loam	CL	A-6	0	100	100	90-100	70-85	30-40	15-25
	4-25	Silty clay	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
	25-60	Stratified silty clay loam to silty clay.	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
Libeg:											
126	0-6	Stony loam	SC, SM-SC, CL, CL-ML	A-4, A-6	15-25	70-85	65-80	55-75	40-60	25-35	5-15
	6-16	Very channery loam, very channery clay loam.	GC, GM-GC	A-4, A-6, A-2	15-30	50-70	40-60	35-55	30-50	25-35	5-15
	16-30	Very channery sandy clay loam, very channery clay loam.	GC, SC	A-2, A-6	15-30	40-80	30-50	25-45	15-40	25-35	10-15
	30-60	Very stony sandy loam, very stony loam, very stony clay loam.	GM, GC, GM-GC	A-1, A-4, A-6, A-2	50-65	45-75	35-70	25-65	15-50	20-35	NP-15
Lihen:											
127, 128	0-21	Loamy sand	SM	A-2	0	100	100	50-75	15-30	---	NP
	21-60	Loamy fine sand, loamy sand.	SM	A-2	0	100	100	50-75	15-35	---	NP
Linnet:											
[1]129, [1]130:											
Linnet part	0-6	Silty clay loam	CL	A-6, A-7	0	100	100	95-100	85-95	30-45	15-25
	6-30	Silty clay, clay	CL	A-7	0	100	100	95-100	90-95	40-50	20-40
	30-66	Stratified clay loam to clay.	CL	A-6, A-7	0	100	100	90-100	70-80	30-45	10-20
Acel part	0-6	Silty clay loam	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25
	6-20	Silty clay, clay	CL, CH	A-7	0	95-100	95-100	90-100	85-95	40-60	20-40
	20-66	Silty clay loam, silty clay.	CL	A-7	0	95-100	95-100	95-100	85-95	40-50	15-25

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Linnet:											
[1]131, [1]132:											
Linnet part-----	0-6	Silty clay------	CL	A-6, A-7	0	100	100	95-100	85-95	30-45	15-25
	6-30	Silty clay, clay	CL	A-7	0	100	100	95-100	90-95	40-50	20-40
	30-66	Stratified clay loam to clay.	CL	A-6, A-7	0	100	100	90-100	70-80	30-45	10-20
Marias part-----	0-8	Silty clay------	CL, CH	A-7	0	100	100	95-100	90-95	40-60	20-40
	8-34	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
	34-60	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
Lisam:											
[1]133:											
Lisam part------	0-12	Clay------------	CH	A-7	0	100	100	90-100	80-95	50-75	25-50
	12	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop part.											
Loberg:											
134---------------	0-10	Stony loam------	GM, GM-GC	A-2, A-4	10-25	55-70	50-65	45-60	30-50	25-35	5-10
	10-60	Very stony clay loam, very stony clay.	GC	A-6	30-55	55-70	50-65	45-60	35-50	30-40	10-15
[1]135:											
Loberg part-----	0-10	Stony loam------	GM, GM-GC	A-2, A-4	10-25	55-70	50-65	45-60	30-50	25-35	5-10
	10-60	Very stony clay loam, very stony clay.	GC	A-6	30-55	55-70	50-65	45-60	35-50	30-40	10-15
Cheadle part----	0-10	Very stony loam, stony loam.	CL-ML	A-4	15-40	85-95	85-95	80-90	60-70	20-30	5-10
	10	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Loggert:											
136, 137----------	0-19	Extremely stony loam.	SM, SM-SC, ML, CL-ML	A-2, A-4	65-85	70-95	55-85	45-80	30-65	25-35	5-10
	19-60	Extremely stony sandy clay loam.	SM	A-1, A-2	65-85	70-95	55-85	45-75	20-35	20-30	NP-5
Lothair:											
138---------------	0-3	Silty clay loam	CL	A-6, A-7	0	100	95-100	95-100	85-95	30-45	10-25
	3-60	Stratified silty clay to silt loam.	CL	A-6, A-7	0	100	95-100	90-95	90-95	35-45	15-25
Marias:											
139, 140, 141-----	0-8	Silty clay------	CL, CH	A-7	0	100	100	95-100	90-95	40-60	20-40
	8-34	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
	34-60	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	75-95	40-70	25-50
Marmarth:											
142---------------	0-7	Clay loam-------	CL	A-6	0	100	100	85-95	60-80	20-40	10-20
	7-24	Clay loam, loam	CL	A-6	0	100	100	90-100	60-80	25-40	15-25
	24-38	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Marvan:											
143, 144, 145-----	0-4	Clay------------	CH	A-7	0	100	100	95-100	75-95	50-65	25-40
	4-60	Clay------------	CH	A-7	0	100	100	95-100	75-95	50-65	25-40

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
McKenzie:											
146	0-7	Silty clay loam	CL, CH	A-7	0	100	100	95-100	85-95	45-75	25-45
	7-60	Clay	CH	A-7	0	100	100	95-100	75-95	50-75	25-50
147	0-7	Clay	CH	A-7	0	100	100	95-100	75-95	50-75	25-50
	7-60	Clay	CH	A-7	0	100	100	95-100	75-95	50-75	25-50
Monad:											
148,149	0-14	Loam	ML, CL-ML	A-4	5-10	75-95	75-95	65-85	60-70	20-40	5-10
	14-49	Clay loam, loam	ML	A-4, A-6	5-10	75-95	75-95	70-80	65-75	30-40	5-10
	49-74	Stony clay loam	ML	A-4, A-6	15-25	70-85	70-85	60-80	50-70	30-40	5-15
[1]150:											
Monad part	0-14	Loam	ML, CL-ML	A-4	5-10	75-95	75-95	65-85	60-70	20-40	5-10
	14-49	Clay loam, loam	ML	A-4, A-6	5-10	75-95	75-95	70-80	65-75	30-40	5-10
	49-74	Stony clay loam	ML	A-4, A-6	15-25	70-85	70-85	60-80	50-70	30-40	5-15
Libeg part	0-6	Stony loam	SC, SM-SC, CL, CL-ML	A-4, A-6	15-25	70-85	65-80	55-75	40-60	25-35	5-15
	6-16	Very channery loam, very channery clay loam.	GC, GM-GC	A-4, A-6, A-2	15-30	50-70	40-60	35-55	30-50	25-35	5-15
	16-30	Very channery sandy clay loam, very channery clay loam.	GC, SC	A-2, A-6	15-30	40-80	30-50	25-45	15-40	25-35	10-15
	30-60	Very stony sandy loam, very stony loam, very stony clay loam.	GM, GC, GM-GC	A-1, A-4, A-6, A-2	50-65	45-75	35-70	25-65	15-50	20-35	NP-15
Pendroy:											
151, 152, 153	0-3	Clay	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	3-42	Clay	CH	A-7	0	100	100	90-100	75-95	50-65	25-35
	42-70	Silty clay, clay	CH, CL	A-7	0	100	100	95-100	90-95	40-60	20-35
Perma:											
154	0-15	Very stony loam	CL-ML	A-4	50-65	85-95	85-95	85-90	60-70	20-30	5-10
	15-60	Very gravelly sandy loam, very cobbly sandy loam, very cobbly loam.	SM, GM, SM-SC, GM-GC	A-2, A-1	25-40	50-75	40-65	25-45	15-35	20-30	NP-10
Pylon:											
155	0-6	Silty clay loam	CL, CH	A-7	0	95-100	95-100	95-100	85-95	40-55	20-35
	6-34	Silty clay	CH	A-7	0	95-100	95-100	95-100	90-95	50-60	25-40
	34-50	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Raynesford:											
156, 157	0-16	Loam	ML, CL, CL-ML	A-4, A-6	0-5	90-100	90-100	80-90	60-75	20-40	5-15
	16-28	Clay loam	CL	A-6, A-7	0-5	90-100	90-100	85-95	70-80	30-45	10-20
	28-66	Gravelly clay loam.	GM-GC, GC	A-4, A-6	5-15	65-75	55-65	50-60	40-50	25-35	5-15
[1]158, [1]159:											
Raynesford part	0-16	Loam	ML, CL, CL-ML	A-4, A-6	0-5	90-100	90-100	80-90	60-75	20-40	5-15
	16-28	Clay loam	CL	A-6, A-7	0-5	90-100	90-100	85-95	70-80	30-45	10-20
	28-66	Gravelly clay loam.	GM-GC, GC	A-4, A-6	5-15	65-75	55-65	50-60	40-50	25-35	5-15

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Raynesford:											
[1]158, [1]159:											
Skaggs part-----	0-10	Loam----------	CL-ML, ML	A-4	0-10	90-100	90-100	85-90	60-75	25-35	5-10
	10-21	Very gravelly clay loam.	CL, GC	A-6	0-15	50-60	40-50	35-45	30-45	30-40	10-25
	21-32	Very stony clay loam.	CL	A-6	30-45	80-95	70-85	65-80	50-70	30-40	10-15
	32-38	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]160:											
Raynesford part-	0-16	Loam----------	ML, CL, CL-ML	A-4, A-6	0-5	90-100	90-100	80-90	60-75	20-40	5-15
	16-28	Clay loam-------	CL	A-6, A-7	0-5	90-100	90-100	85-95	70-80	30-45	10-20
	28-66	Gravelly clay loam.	GM-GC, GC	A-4, A-6	5-15	65-75	55-65	50-60	40-50	25-35	5-15
Sheege part-----	0-16	Stony loam, very stony loam.	GM	A-1, A-2, A-4	15-65	30-65	25-60	20-50	15-40	20-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Reeder:											
161, 162----------	0-3	Loam----------	CL, CL-ML	A-4, A-6	0	100	100	90-100	65-85	20-40	5-20
	3-27	Clay loam, loam	CL, CL-ML	A-4, A-6, A-7	0	100	100	90-100	60-80	25-50	5-30
	27	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Reeder variant:											
163----------	0-6	Silt loam-------	ML	A-4	0-5	95-100	95-100	90-100	70-90	30-40	5-10
	6-15	Silty clay loam, clay loam.	CL	A-6	0-5	95-100	95-100	90-100	75-90	30-40	10-20
	15-27	Silty clay loam, clay loam.	CL	A-6	0-15	90-95	80-85	80-85	60-70	30-40	10-20
	27-33	Very flaggy loam	GM	A-1, A-2, A-4	65-80	45-75	35-65	30-60	20-50	25-35	NP-5
	33	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rentsac:											
[1]164:											
Rentsac part----	0-7	Very flaggy loam	GM, SM	A-2, A-4	30-40	50-75	50-75	40-60	30-50	---	NP
	7-18	Very channery loam, very flaggy loam, very channery sandy loam.	GM	A-1	20-60	30-55	20-30	15-30	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Ethridge part---	0-7	Clay loam-------	CL	A-6	0	100	100	90-100	70-80	25-35	10-20
	7-16	Silty clay, silty clay loam.	CL, CH	A-7	0	100	100	95-100	90-95	40-55	20-30
	16-60	Stratified loam to silty clay.	CL	A-6, A-7	0	100	100	95-100	85-95	25-45	10-20
Rivra:											
165----------	0-8	Gravelly sandy loam.	SM	A-2, A-1	0-15	60-80	55-70	30-50	15-30	---	NP
	8-60	Very gravelly loamy coarse sand, very gravelly sand, very cobbly sand.	GP, GP-GM	A-1	10-50	45-50	30-35	15-25	0-10	---	NP

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Rothiemay:											
166, 167	0-7	Loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	7-23	Loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	23-66	Clay loam	CL	A-6	0-10	85-95	85-95	85-95	70-80	25-40	10-20
168	0-7	Clay loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	7-23	Loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	23-66	Clay loam	CL	A-6	0-10	85-95	85-95	85-95	70-80	25-40	10-20
[1]169, [1]170:											
Rothiemay part--	0-7	Loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	7-23	Loam	ML	A-4	0-10	90-100	90-100	85-95	60-75	20-35	NP-10
	23-66	Clay loam	CL	A-6	0-10	85-95	85-95	85-95	70-80	25-40	10-20
Binna part	0-9	Loam	CL-ML	A-4	0-5	95-100	90-100	85-95	60-75	20-30	5-10
	9-28	Loam, gravelly loam, gravelly sandy loam.	CL-ML	A-4	0-10	85-100	70-100	70-90	60-75	20-30	5-10
	28-60	Very gravelly loamy sand.	GP-GM	A-1	0-10	35-55	20-35	10-25	5-10	---	NP
Ryell:											
171	0-8	Loam	ML, CL-ML	A-4	0	100	100	85-95	55-70	20-30	NP-10
	8-28	Very fine sandy loam.	ML	A-4	0	100	95-100	85-95	50-65	25-35	NP-5
	28-60	Very gravelly loamy sand, very gravelly sand.	GP-GM, GP, GW	A-1	0-5	30-45	20-35	10-25	0-10	---	NP
[1]172:											
Ryell part	0-8	Loam	ML, CL-ML	A-4	0	100	100	85-95	55-70	20-30	NP-10
	8-28	Very fine sandy loam.	ML	A-4	0	100	95-100	85-95	50-65	25-35	NP-5
	28-60	Very gravelly loamy sand, very gravelly sand.	GP-GM, GP, GW	A-1	0-5	30-45	20-35	10-25	0-10	---	NP
Rivra part	0-8	Gravelly sandy loam.	GM, SM	A-2, A-1	0-15	60-80	55-70	30-50	15-30	---	NP
	8-60	Very gravelly loamy coarse sand, very gravelly sand, very cobbly sand.	GP, GP-GM	A-1	10-50	45-50	30-35	15-25	0-10	---	NP
Scobey:											
173	0-7	Clay loam	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
	7-16	Clay, clay loam	CH	A-7	0-5	85-100	85-95	80-95	65-90	50-60	25-35
	16-60	Clay loam	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
[1]174:											
Scobey part	0-7	Clay loam	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
	7-16	Clay, clay loam	CH	A-7	0-5	85-100	85-95	80-95	65-90	50-60	25-35
	16-60	Clay loam	CL	A-6, A-7	0-5	85-100	75-95	70-90	65-80	25-40	10-20
Kevin part	0-7	Clay loam	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	7-30	Clay loam	CL	A-6	0-5	90-100	85-100	80-95	70-80	25-40	10-20
	30-60	Clay loam	CL	A-6, A-7	0-5	90-100	85-100	80-95	70-80	30-45	10-20
Shane:											
175	0-6	Silty clay loam	CL, CH	A-6, A-7	0	100	100	95-100	85-95	35-55	15-25
	6-32	Clay	CH	A-7	0	100	100	90-100	75-95	50-65	35-50
	32-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Shane:											
[1]176:											
Shane part------	0-6	Loam----------	ML	A-4, A-6	0	100	100	85-95	60-75	20-40	NP-15
	6-32	Clay----------	CH	A-7	0	100	100	90-100	75-95	50-65	35-50
	32-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Nobe part-------	0-4	Clay loam--------	CL	A-6	0	100	100	90-100	70-85	30-40	15-25
	4-25	Silty clay------	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
	25-60	Stratified silty clay loam to silty clay.	CL	A-7	0	100	100	90-100	90-95	40-50	20-35
Shawa:											
177, 178----------	0-36	Loam----------	ML	A-4, A-6, A-7	0	100	90-100	75-95	55-75	30-50	NP-15
	36-60	Loam, clay loam, gravelly loam.	ML	A-4, A-6	0	100	70-90	60-80	50-65	25-40	NP-15
Sheege:											
179---------------	0-16	Stony loam, very stony loam.	GM	A-1, A-2, A-4	15-65	30-65	25-60	20-50	15-40	20-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]180:											
Sheege part-----	0-16	Stony loam, very stony loam.	GM	A-1, A-2, A-4	15-65	30-65	25-60	20-50	15-40	20-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop part.											
[1]181:											
Sheege part-----	0-16	Stony loam, very stony loam.	GM	A-1, A-2, A-4	15-65	30-65	25-60	20-50	15-40	20-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Whitore part----	0-9	Silty clay loam	CL	A-6, A-7	5-10	85-95	85-95	85-95	85-90	35-50	15-25
	9-60	Very channery silty clay loam.	GC	A-2, A-6	5-10	30-50	30-50	25-50	25-45	25-40	10-20
Sinnigam:											
182---------------	0-6	Loam----------	ML	A-4	0-5	95-100	95-100	85-95	60-70	25-35	NP-10
	6-17	Very stony clay loam, very stony clay.	GC, CL	A-6	25-40	65-75	55-65	50-60	40-60	30-40	15-25
	17	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Straw:											
183---------------	0-10	Loam----------	CL	A-6	0	100	100	85-100	60-90	20-40	10-20
	10-38	Loam----------	CL	A-6	0	100	100	85-95	60-75	25-30	10-15
	38-54	Silt loam-------	ML	A-4	0	100	100	90-100	70-90	35-40	5-10
	54-66	Loamy sand------	SM	A-2	0	100	100	50-75	15-30	---	NP
184---------------	0-10	Silty clay loam	CL	A-6	0	100	100	90-95	80-90	30-35	10-15
	10-38	Loam----------	CL	A-6	0	100	100	85-95	60-75	25-30	10-15
	38-54	Silt loam-------	ML	A-4	0	100	100	90-100	70-90	35-40	5-10
	54-66	Loamy sand------	SM	A-2	0	100	100	50-75	15-30	---	NP

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Straw:											
[1]185:											
Straw part------	0-10	Loam----------	CL	A-6	0	100	100	85-95	60-75	25-30	10-15
	10-38	Loam----------	CL	A-6	0	100	100	85-95	60-75	25-30	10-15
	38-54	Silt loam-------	ML	A-4	0	100	100	90-100	70-90	35-40	5-10
	54-66	Loamy sand------	SM	A-2	0	100	100	50-75	15-30	---	NP
Rivra part------	0-8	Gravelly sandy loam.	SM	A-2, A-1	0-15	60-80	55-70	25-50	15-30	---	NP
	8-60	Very gravelly loamy coarse sand, very gravelly sand, very cobbly sand.	GP, GP-GM	A-1	10-60	45-50	30-35	15-25	0-10	---	NP
Tally:											
186, 187, 188-----	0-40	Fine sandy loam	SM	A-4	0	100	100	70-85	35-50	15-30	NP-5
	40-60	Sandy loam------	SM	A-4	0	100	100	70-85	35-50	15-30	NP-5
189---------------	0-7	Loam----------	ML, CL-ML	A-4	0	100	100	85-95	55-70	20-30	NP-10
	7-60	Fine sandy loam, sandy loam.	SM	A-4	0	100	100	70-85	35-50	15-30	NP-5
[1]190:											
Tally part------	0-7	Loam----------	ML, CL-ML	A-4	0	100	100	85-95	55-70	20-30	NP-10
	7-60	Fine sandy loam, sandy loam.	SM	A-4	0	100	100	70-85	35-50	15-30	NP-5
Castner part----	0-6	Channery loam---	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Tanna:											
191, 192, 193-----	0-6	Clay loam-------	CL	A-6	0-5	90-100	90-100	85-95	70-80	25-40	10-20
	6-27	Clay loam, clay, silty clay.	CL	A-6, A-7	0-5	90-100	90-100	80-95	75-90	35-45	15-25
	27-31	Very channery loam, very channery clay loam.	GC	A-2	0-10	35-45	25-35	20-30	15-25	20-30	10-15
	31-40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]194:											
Tanna part------	0-6	Clay loam-------	CL	A-6	0-5	90-100	90-100	85-95	70-80	25-40	10-20
	6-27	Clay loam, clay, silty clay.	CL	A-6, A-7	0-5	90-100	90-100	80-95	75-90	35-45	15-25
	27-31	Very channery loam, very channery clay loam.	GC	A-2	0-10	35-45	25-35	20-30	15-25	20-30	10-15
	31-40	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Wabek part------	0-10	Gravelly loam---	GM-GC, SM-SC	A-2, A-4	0-5	60-80	50-75	40-60	30-50	15-30	5-10
	10-60	Very gravelly loamy sand, very gravelly loamy coarse sand.	GP-GM	A-1	0-5	30-50	20-40	10-30	5-10	---	NP

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Terrad:											
195, 196	0-6	Silty clay	CL	A-6, A-7	0	100	100	95-100	90-95	30-45	15-25
	6-45	Clay, silty clay	CH, CL	A-7	0	100	100	90-100	75-90	40-60	25-35
	45-60	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Thebo:											
197, 198	0-31	Clay	CH	A-7	0	100	100	95-100	75-95	50-70	30-45
	31	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Ticell:											
[1]199:											
Ticell part	0-6	Loam	ML	A-4	0-10	95-100	95-100	85-95	60-75	20-35	NP-10
	6-15	Silt loam	CL, CL-ML	A-4, A-6	0-10	95-100	95-100	90-100	70-85	20-40	5-15
	15	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Castner part	0-6	Channery loam	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Tigeron:											
[1]200:											
Tigeron part	0-7	Flaggy sandy loam.	SM	A-4, A-2	20-35	70-80	70-80	55-60	30-40	20-30	NP-5
	7-13	Flaggy sandy loam, gravelly loam.	SM	A-4, A-2	20-35	70-80	70-80	55-60	30-50	20-30	NP-5
	13-24	Very flaggy sandy clay loam, very channery sandy loam.	GM-GC, SM-SC	A-1, A-2, A-4	30-65	40-80	30-70	30-55	20-45	20-30	5-10
	24-66	Very flaggy sandy clay loam, very flaggy loam, very channery sandy loam.	GM-GC, SM-SC	A-1, A-2, A-4	30-65	40-80	30-70	30-55	20-45	20-30	5-10
Loggert part	0-19	Extremely stony loam.	SM, SM-SC, ML, CL-ML	A-2, A-4	65-85	70-95	55-85	45-80	30-65	25-35	5-10
	19-60	Extremely stony sandy clay loam.	SM	A-1, A-2	65-85	70-95	55-85	45-75	20-35	20-30	NP-5
Timberg:											
201	0-7	Silty clay loam	CL	A-6	0	95-100	95-100	95-100	85-95	25-40	10-15
	7-35	Silty clay, silty clay loam, clay.	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	35-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
202	0-7	Silty clay	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	7-35	Silty clay, silty clay loam, clay.	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	35-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Timberg:											
[1]203:											
Timberg part----	0-7	Silty clay------	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	7-35	Silty clay, silty clay loam, clay.	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	35-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Big Timber part-	0-15	Clay loam-------	CL	A-4, A-6	0-5	85-100	85-95	85-95	70-80	25-40	10-20
	15	Weathered bedrock.	---	---	---	---	---	---	---	---	---
[1]204:											
Timberg part----	0-7	Silty clay loam	CL	A-6	0	95-100	95-100	95-100	85-95	25-40	10-15
	7-35	Silty clay, silty clay loam, clay.	CL, CH	A-6, A-7	0	95-100	95-100	95-100	90-95	35-45	15-30
	35-60	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Castner part----	0-6	Channery loam---	SM, SM-SC, ML, CL-ML	A-4	15-25	75-85	60-75	50-60	35-55	25-35	5-10
	6-16	Very channery loam, very cobbly loam.	GM	A-2, A-4, A-1	20-50	30-65	25-60	20-50	15-40	25-35	NP-10
	16	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Torex:											
205----------	0-8	Loamy sand------	SM	A-1, A-2	0	95-100	95-100	45-75	15-30	---	NP
	8-24	Loamy sand------	SM	A-1, A-2	0	95-100	95-100	45-75	15-30	---	NP
	24-60	Very fine sandy loam, silt loam.	ML	A-4	0	95-100	95-100	85-95	50-75	---	NP
Turner:											
206----------	0-5	Loam----------	CL-ML, ML	A-4	0-5	90-100	85-100	80-90	55-75	25-35	5-10
	5-36	Clay loam, gravelly loam.	CL	A-6	0-5	90-100	85-100	85-90	50-80	30-40	10-20
	36-60	Very gravelly loamy coarse sand.	GM, SM	A-1	10-20	55-75	50-65	25-35	10-20	---	NP
Twin Creek:											
207----------	0-7	Loam----------	ML	A-4	0	95-100	95-100	85-95	60-75	20-35	NP-10
	7-25	Loam, clay loam	CL	A-6	0	95-100	95-100	85-95	60-80	20-35	10-20
	25-60	Clay loam, loam	CL	A-6	0	95-100	95-100	85-95	70-80	25-40	10-20
208----------	0-7	Silty clay loam	CL	A-6	0	95-100	95-100	90-100	80-90	25-40	10-20
	7-25	Loam, clay loam	CL	A-6	0	95-100	95-100	85-95	60-80	20-35	10-20
	25-60	Clay loam, loam	CL	A-6	0	95-100	95-100	85-95	70-80	25-40	10-20
Vanda:											
209----------	0-4	Clay----------	CL, CH	A-7	0	100	100	90-100	75-95	45-60	30-40
	4-60	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	80-95	45-60	30-40
210----------	0-4	Clay----------	CL, CH	A-7	0	100	100	90-100	75-90	45-60	30-40
	4-60	Clay, silty clay	CL, CH	A-7	0	100	100	90-100	80-90	45-60	30-40
Virgelle:											
211----------	0-11	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	11-21	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	21-32	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	32-60	Stratified clay loam to silty clay loam.	CL	A-6, A-7	0	100	100	90-100	75-90	30-45	10-20

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Fragments > 3 inches	Percentage passing sieve number--				Liquid limit	Plasticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Virgelle:											
[1]212:											
Virgelle part---	0-11	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	11-21	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	21-32	Loamy fine sand	SM	A-2	0	100	100	55-80	20-35	---	NP
	32-60	Stratified clay loam to silty clay loam.	CL	A-6, A-7	0	100	100	90-100	75-90	30-45	10-20
Absher part-----	0-5	Clay loam-------	CL	A-6, A-7	0	100	100	90-100	75-95	35-45	15-25
	5-11	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
	11-60	Silty clay, clay	CL, CH	A-7	0	100	100	90-100	80-95	40-60	20-40
Wabek:											
213----------	0-10	Gravelly loam---	GM-GC, SM-SC	A-2, A-4	0-5	60-80	50-75	40-60	30-50	15-30	5-10
	10-60	Very gravelly loamy sand, gravelly loamy coarse sand.	GP-GM	A-1	0-5	30-50	20-40	10-30	5-10	---	NP
Waybe:											
[1]214:											
Waybe part------	0-5	Clay loam-------	CL	A-6	0-10	85-100	85-100	85-100	70-80	30-40	10-20
	5-18	Silty clay loam	CL	A-6, A-7	0-10	85-100	85-100	85-100	85-95	35-50	15-25
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Bynum part------	0-4	Clay loam-------	CL	A-6	0-10	95-100	90-95	90-95	70-80	25-40	10-15
	4-29	Silty clay loam, clay loam, loam.	CL	A-6	0-10	95-100	90-95	90-95	85-90	25-35	10-15
	29	Weathered bedrock.	---	---	---	---	---	---	---	---	---
[1]215:											
Waybe part------	0-5	Stony clay loam	CL	A-6	15-25	85-100	85-100	85-100	70-80	30-40	10-20
	5-18	Silty clay loam	CL	A-6, A-7	0-10	90-100	90-100	90-100	85-95	35-50	15-25
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop part.											
Whitore:											
216----------	0-9	Silty clay loam	CL	A-6, A-7	5-10	85-95	85-95	85-95	85-90	35-50	15-25
	9-60	Very channery silty clay loam.	GC	A-2, A-6	5-10	30-50	30-50	25-50	25-45	25-40	10-20
Winifred:											
217, 218----------	0-7	Clay loam-------	CL	A-6	0	95-100	95-100	90-100	70-80	25-40	10-20
	7-36	Silty clay, silty clay loam, clay.	CL, CH	A-7	0	95-100	95-100	90-100	90-95	40-55	20-35
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
[1]219:											
Winifred part---	0-7	Clay loam-------	CL	A-6, A-7	0	95-100	95-100	90-100	85-95	30-45	15-25
	7-36	Silty clay, silty clay loam, clay.	CL, CH	A-7	0	95-100	95-100	90-100	90-95	40-55	20-35
	36	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Yawdim part-----	0-16	Clay loam-------	CL, CH	A-7	0	100	100	90-100	80-95	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments > 3 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Woosley:											
220, 221----------	0-7	Silt loam-------	ML, CL	A-4, A-6	0-5	90-100	85-95	85-95	75-90	30-40	5-15
	7-21	Silty clay loam, clay loam.	CL	A-6	0-5	90-100	85-90	85-90	75-90	35-40	15-20
	21-34	Gravelly clay loam.	GC	A-2, A-6	0-5	55-75	50-60	40-55	30-50	25-35	10-15
	34	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Work:											
222, 223, 224, 225	0-6	Clay loam-------	CL	A-6	0-10	90-100	90-100	90-100	70-80	30-40	10-20
	6-15	Clay, clay loam	CL, CH	A-7	0-10	90-100	90-100	90-100	75-90	40-55	20-30
	15-47	Clay loam, cobbly clay loam, stony clay loam.	CL, CL-ML	A-4, A-6	10-30	75-95	70-90	60-80	50-70	25-35	5-15
	47-67	Extremely stony sandy loam.	GM	A-2, A-1	30-65	45-80	35-70	25-50	15-35	20-30	NP-5
[1]226:											
Work part-------	0-6	Loam------------	CL, CL-ML	A-6, A-4	0-10	90-100	90-100	85-95	60-75	25-35	5-15
	6-15	Clay, clay loam	CL, CH	A-7	0-10	90-100	90-100	90-100	75-90	40-55	20-30
	15-47	Clay loam, cobbly clay loam, stony clay loam.	CL, CL-ML	A-4, A-6	10-30	75-95	70-90	60-80	50-70	25-35	5-15
	47-67	Extremely stony sandy loam.	GM	A-2, A-1	30-65	45-80	35-70	25-50	15-35	20-30	NP-5
Work part-------	0-6	Stony loam------	CL, SC	A-6	25-40	80-95	75-85	55-75	40-60	25-35	10-15
	6-15	Clay, clay loam	CL, CH	A-7	0-10	90-100	90-100	90-100	75-90	40-55	20-30
	15-47	Clay loam, cobbly clay loam, stony clay loam.	CL, CL-ML	A-6, A-4	10-30	70-95	70-90	60-80	50-70	25-35	5-15
	47-60	Extremely stony sandy loam.	GM	A-2, A-1	30-65	45-80	35-70	25-50	15-35	20-30	NP-5
Yamac:											
227, 228----------	0-8	Loam------------	ML	A-4, A-6	0	95-100	95-100	85-95	60-75	20-40	NP-15
	8-60	Loam, clay loam	ML	A-4, A-6	0	95-100	95-100	85-95	60-75	20-40	NP-15
229, 230----------	0-8	Clay loam-------	CL	A-6	0	95-100	95-100	90-100	70-80	25-40	10-20
	8-60	Loam, clay loam	ML	A-4, A-6	0	95-100	95-100	85-95	60-75	20-40	NP-15
Yawdim:											
[1]231:											
Yawdim part-----	0-16	Silty clay loam	CL, CH	A-7	0	100	100	90-100	80-95	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Rentsac part----	0-7	Channery loam	GM	A-4	5-10	50-75	50-75	50-60	35-50	---	NP
	7-18	Very channery loam, very flaggy loam, very channery sandy loam.	GM	A-1	20-60	30-55	20-30	15-30	10-25	---	NP
	18	Unweathered bedrock.	---	---	---	---	---	---	---	---	---
Cabbart part----	0-3	Loam------------	CL, CL-ML	A-4	0	100	100	85-95	60-80	20-30	5-10
	3-18	Loam, clay loam, silty clay loam.	CL, CL-ML	A-4, A-5, A-6	0	100	100	85-95	60-85	20-40	5-20
	18	Weathered bedrock.	---	---	---	---	---	---	---	---	---

See footnote at end of table.

TABLE 4.--ENGINEERING PROPERTIES AND CLASSIFICATIONS--Continued

Soil name and map symbol	Depth	USDA texture	Classification		Frag-ments > 3 inches	Percentage passing sieve number--				Liquid limit	Plas-ticity index
			Unified	AASHTO		4	10	40	200		
	In				Pct					Pct	
Yawdim:											
[1]232:											
Yawdim part-----	0-16	Clay loam-------	CL, CH	A-7	0	100	100	90-100	70-90	40-75	25-50
	16	Weathered bedrock.	---	---	---	---	---	---	---	---	---
Rock outcrop part.											
Yetull:											
233----------	0-15	Loamy sand------	SM	A-2	0	100	100	50-75	15-30	---	NP
	15-66	Sand, loamy coarse sand.	SP-SM, SP, SM	A-1	0	100	100	40-50	0-15	---	NP

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS

[The symbol < means less than; > means greater than. The erosion tolerance factor (T) is for the entire profile. Absence of an entry means data were not available or were not estimated]

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Abor:											
1----------	0-6	<0.2	0.11-0.15	7.4-7.8	<4	High------	High-----	Low------	0.37	2	4
	6-30	<0.06	0.11-0.15	7.9-9.0	<4	High------	High-----	Low------	0.43		
	30	---	---	---	---	----------	---------	---------	---		
12:											
Abor part-------	0-6	0.2-0.6	0.15-0.18	7.4-7.8	<4	Moderate	High-----	Low------	0.43	2	6
	6-30	<0.06	0.11-0.15	7.9-9.0	<4	High------	High-----	Low------	0.43		
	30	---	---	---	---	----------	---------	---------	---		
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
13:											
Abor part-------	0-6	<0.2	0.11-0.15	7.4-7.8	<4	High------	High-----	Low------	0.37	2	4
	6-30	<0.06	0.11-0.15	7.9-9.0	<4	High------	High-----	Low------	0.43		
	30	---	---	---	---	----------	---------	---------	---		
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
Absarokee:											
4, 5, 6----------	0-8	0.6-2.0	0.14-0.20	6.1-7.3	<2	Moderate	High-----	Low------	0.32	2	5
	8-36	0.2-0.6	0.12-0.16	6.1-8.4	<2	High------	High-----	Low------	0.32		
	36	---	---	---	---	----------	---------	---------	---		
17:											
Absarokee part--	0-8	0.6-2.0	0.14-0.20	6.1-7.3	<2	Low-------	High-----	Low------	0.37	2	5
	8-36	0.2-0.6	0.12-0.16	6.1-8.4	<2	High------	High-----	Low------	0.32		
	36	---	---	---	---	----------	---------	---------	---		
Borky part------	0-4	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low-------	High-----	Low------	0.32	2	8
	4-14	0.06-0.2	0.06-0.10	6.6-7.8	<2	Moderate	High-----	Low------	0.28		
	14-32	0.06-0.2	0.06-0.10	7.4-8.4	<2	Moderate	High-----	Low------	0.32		
	32	---	---	---	---	----------	---------	---------	---		
Blythe part-----	0-11	0.6-2.0	0.18-0.22	6.1-7.3	<2	Low-------	High-----	Low------	0.37	2	6
	11-36	<0.06	0.12-0.16	6.6-7.8	<2	High------	High-----	Low------	0.32		
	36	---	---	---	---	----------	---------	---------	---		
18:											
Absarokee part--	0-8	0.6-2.0	0.14-0.20	6.1-7.3	<2	Moderate	High-----	Low------	0.32	2	5
	8-36	0.2-0.6	0.12-0.16	6.1-8.4	<2	High------	High-----	Low------	0.32		
	36-60	---	---	---	---	----------	---------	---------	---		
Sinnigam part---	0-6	0.6-2.0	0.09-0.13	6.1-7.8	<2	Low-------	High-----	Low------	0.32	1	5
	6-17	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	High-----	Low------	0.20		
	17	---	---	---	---	----------	---------	---------	---		
Absher:											
19:											
Absher part-----	0-5	<0.06	0.12-0.16	6.6-7.8	4-8	High------	High-----	Moderate	0.49	5	7
	5-11	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High------	High-----	Moderate	0.49		
Absher part-----	0-5	<0.06	0.10-0.14	6.6-7.8	4-8	High------	High-----	Moderate	0.49	5	4
	5-11	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High------	High-----	Moderate	0.49		
110:											
Absher part-----	0-5	<0.06	0.12-0.16	6.6-7.8	4-8	High------	High-----	Moderate	0.49	5	7
	5-11	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High------	High-----	Moderate	0.49		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Absher:											
Nobe part-------	0-4	<0.06	0.07-0.09	6.6-8.4	4-8	High------	High-----	Moderate	0.43	5	4
	4-25	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		
	25-60	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		
Acel:											
11, 12----------	0-6	0.2-0.6	0.15-0.17	6.6-7.3	---	Moderate	High-----	Low------	0.64	5	7
	6-20	0.06-0.2	0.12-0.16	6.6-7.8	---	High------	High-----	Low------	0.43		
	20-66	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High-----	Low------	0.49		
Adel:											
13----------	0-7	0.6-2.0	0.18-0.20	6.1-7.3	<2	Low-------	High-----	Low------	0.28	5	5
	7-60	0.6-2.0	0.14-0.18	6.6-7.8	<2	Low-------	High-----	Low------	0.43		
Aquepts:											
[1]14:											
Aquepts part----	0-60	---	---	---	---	----------	---------	---------	---	---	---
Aquolls part----	0-60	---	---	---	---	----------	---------	---------	---	---	---
Assinniboine:											
15, 16----------	0-7	2.0-6.0	0.10-0.14	6.6-7.8	<2	Low-------	Moderate	Low------	0.24	5	3
	7-15	0.6-2.0	0.12-0.16	7.4-7.8	<2	Low-------	High-----	Low------	0.32		
	15-60	0.6-2.0	0.10-0.14	7.9-8.4	<2	Low-------	High-----	Low------	0.32		
[1]17:											
Assinniboine part----------	0-7	2.0-6.0	0.10-0.14	6.6-7.8	<2	Low-------	Moderate	Low------	0.24	5	3
	7-15	0.6-2.0	0.12-0.16	7.4-7.8	<2	Low-------	High-----	Low------	0.32		
	15-60	0.6-2.0	0.10-0.14	7.9-8.4	<2	Low-------	High-----	Low------	0.32		
Absher part-----	0-5	<0.06	0.12-0.16	6.6-7.8	4-8	High------	High-----	Moderate	0.49	5	7
	5-11	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High------	High-----	Moderate	0.49		
Azaar:											
18----------	0-13	2.0-6.0	0.10-0.16	6.6-7.8	<2	Low-------	High-----	Low------	0.24	2	3
	13-22	0.2-0.6	0.18-0.22	7.9-9.0	<2	Low-------	High-----	Low------	0.43		
	22-32	0.2-0.6	0.16-0.20	7.9-9.0	<2	Moderate	High-----	Low------	0.37		
	32	---	---	---	---	----------	---------	---------	---		
Benz:											
19, 20----------	0-2	0.06-0.2	0.12-0.16	7.9-9.0	4-8	Moderate	High-----	Low------	0.37	5	7
	2-60	0.06-0.2	0.08-0.12	>8.4	8-16	Moderate	High-----	Low------	0.37		
Big Timber:											
[1]21, [1]22:											
Big Timber part-	0-15	0.2-0.6	0.12-0.16	7.4-8.4	<2	Moderate	High-----	Low------	0.32	1	6
	15	---	---	---	---	----------	---------	---------	---		
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	---------	---------	---		
Binna:											
23----------	0-9	0.6-6.0	0.12-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.24	3	3
	9-28	0.6-2.0	0.12-0.20	7.9-9.0	<2	Low-------	High-----	Low------	0.37		
	28-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low-------	High-----	Low------	0.10		
24, 25----------	0-9	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	3	5
	9-28	0.6-2.0	0.12-0.20	7.9-9.0	<2	Low-------	High-----	Low------	0.37		
	28-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low-------	High-----	Low------	0.10		
26----------	0-9	0.6-2.0	0.12-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.32	3	5
	9-28	0.6-2.0	0.12-0.20	7.9-9.0	<2	Low-------	High-----	Low------	0.37		
	28-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low-------	High-----	Low------	0.10		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Binna:											
[1]27:											
Binna part	0-9	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low	High	Low	0.37	3	5
	9-28	0.6-2.0	0.12-0.20	7.9-9.0	<2	Low	High	Low	0.37		
	28-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low	High	Low	0.10		
Evanston part	0-8	0.6-2.0	0.12-0.18	6.6-7.8	<2	Moderate	High	Low	0.32	5	6
	8-27	0.6-2.0	0.12-0.18	7.4-8.4	<2	Moderate	High	Low	0.37		
	27-60	0.6-2.0	0.16-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
Bitton:											
[1]28:											
Bitton part	0-7	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low	High	Low	0.32	5	8
	7-40	0.6-2.0	0.06-0.10	7.4-8.4	<2	Low	High	Low	0.24		
	40-60	0.6-2.0	0.06-0.10	7.4-8.4	<2	Low	High	Low	0.28		
Roy part	0-6	0.6-2.0	0.07-0.10	6.1-7.3	<2	Low	High	Low	0.32	5	8
	6-32	0.2-0.6	0.05-0.09	6.6-7.8	<2	Moderate	High	Low	0.28		
	32-60	0.2-0.6	0.07-0.10	7.4-8.4	<4	Moderate	High	Low	0.28		
Blythe:											
29, 30, 31	0-11	0.6-2.0	0.18-0.22	6.1-7.3	<2	Low	High	Low	0.37	2	6
	11-36	<0.06	0.12-0.16	6.6-7.8	<2	High	High	Low	0.32		
	36	---	---	---	---	---	---	---	---		
Borky:											
[1]32:											
Borky part	0-4	0.6-2.0	0.09-0.13	6.6-7.3	<2	Low	High	Low	0.32	2	8
	4-14	0.06-0.2	0.06-0.10	6.6-7.8	<2	Moderate	High	Low	0.28		
	14-32	0.06-0.2	0.06-0.10	7.4-8.4	<2	Moderate	High	Low	0.32		
	32	---	---	---	---	---	---	---	---		
Sinnigam part	0-6	0.2-0.6	0.06-0.12	6.1-7.8	<2	Low	High	Low	0.32	1	8
	6-17	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	High	Low	0.20		
	17	---	---	---	---	---	---	---	---		
Bridger:											
33, 34	0-8	0.6-2.0	0.16-0.22	6.1-7.3	<2	Low	High	Low	0.32	5	5
	8-28	0.6-2.0	0.13-0.16	6.6-7.8	<2	Moderate	High	Low	0.37		
	28-60	0.6-2.0	0.12-0.15	7.4-8.4	<2	Low	High	Low	0.28		
Cargill:											
35	0-6	0.2-0.6	0.14-0.20	7.4-8.4	<4	Moderate	High	Low	0.32	2	7
	6-17	0.2-0.6	0.14-0.20	7.9-9.0	<4	Moderate	High	Low	0.28		
	17-30	0.2-0.6	0.16-0.20	7.9-9.0	<4	Moderate	High	Low	0.37		
	30	---	---	---	---	---	---	---	---		
[1]36:											
Cargill part	0-6	0.2-0.6	0.14-0.20	7.4-8.4	<4	Moderate	High	Low	0.32	2	7
	6-17	0.2-0.6	0.14-0.20	7.9-9.0	<4	Moderate	High	Low	0.28		
	17-30	0.2-0.6	0.12-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
	30	---	---	---	---	---	---	---	---		
Cabbart part	0-3	0.6-2.0	0.16-0.22	7.4-8.4	<4	Low	High	Low	0.37	2	5
	3-18	0.6-2.0	0.12-0.20	7.4-8.4	2-8	Moderate	High	Low	0.37		
	18	---	---	---	---	---	---	---	---		
Castner:											
37	0-6	0.6-2.0	0.08-0.11	6.6-7.8	<2	Low	High	Low	0.24	1	3
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low	High	Low	0.24		
	16	---	---	---	---	---	---	---	---		
[1]38	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low	High	Low	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low	High	Low	0.24		
	16	---	---	---	---	---	---	---	---		
[1]39:											
Castner part	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low	High	Low	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low	High	Low	0.24		
	16	---	---	---	---	---	---	---	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Castner:											
Perma part------	0-11	0.6-2.0	0.04-0.10	6.1-7.8	<2	Low-------	High-----	Low------	0.28	5	8
	11-60	0.6-2.0	0.03-0.08	6.6-8.4	<2	Low-------	High-----	Low------	0.15		
Rock outcrop part.											
[1]40:											
Castner part----	0-6	0.6-2.0	0.06-0.10	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.17		
	16	---	---	---	---	----------	---------	---------	---		
Reeder part-----	0-3	0.6-2.0	0.20-0.23	6.6-7.8	<2	Moderate	High-----	Low------	0.28	4-3	6
	3-27	0.6-2.0	0.15-0.18	6.6-8.4	<2	Moderate	High-----	Low------	0.28		
	27	---	---	---	---	----------	---------	---------	---		
Cheadle:											
41----------	0-10	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low-------	High-----	Low------	0.32	1	8
	10	---	---	---	---	----------	---------	---------	---		
[1]42:											
Cheadle part----	0-10	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low-------	High-----	Low------	0.32	1	8
	10	---	---	---	---	----------	---------	---------	---		
Hilger part-----	0-5	0.6-2.0	0.05-0.07	6.6-7.8	<2	Low-------	High-----	Low------	0.28	5	8
	5-15	0.6-2.0	0.05-0.07	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	15-60	0.6-2.0	0.05-0.07	7.9-8.4	<2	Low-------	High-----	Low------	0.32		
[1]43:											
Cheadle part----	0-10	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low-------	High-----	Low------	0.32	1	8
	10	---	---	---	---	----------	---------	---------	---		
Loggert part----	0-19	0.6-2.0	0.5-0.8	5.6-6.5	<2	Low-------	High-----	Moderate	0.28	5	8
	19-60	0.6-2.0	0.4-0.7	5.6-6.5	<2	Low-------	High-----	Moderate	0.24		
Crago:											
44----------	0-3	0.6-2.0	0.11-0.14	7.4-8.4	<2	Low-------	High-----	Low------	0.37	5	4
	3-9	0.2-0.6	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	9-60	2.0-6.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.10		
45----------	0-3	0.6-2.0	0.04-0.10	7.4-8.4	<2	Low-------	High-----	Low------	0.32	5	4
	3-9	0.2-0.6	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	9-60	2.0-6.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
[1]46:											
Crago part------	0-3	0.6-2.0	0.04-0.10	7.4-8.4	<2	Low-------	High-----	Low------	0.32	5	4
	3-9	0.2-0.6	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	9-60	2.0-6.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.10		
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
Danvers:											
47----------	0-5	0.2-0.6	0.14-0.20	6.6-7.8	<2	Moderate	Moderate	Low------	0.37	5	7
	5-60	0.06-0.2	0.12-0.16	6.6-8.4	<2	High------	High-----	Low------	0.37		
Darret:											
48----------	0-7	0.2-0.6	0.14-0.19	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	7
	7-28	0.06-0.2	0.12-0.16	7.4-8.4	<2	Moderate	High-----	Low------	0.43		
	28	---	---	---	---	----------	---------	---------	---		
[1]49, [1]50:											
Darret part-----	0-7	0.2-0.6	0.14-0.19	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	7
	7-28	0.06-0.2	0.12-0.16	7.4-8.4	<2	Moderate	High-----	Low------	0.43		
	28	---	---	---	---	----------	---------	---------	---		
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	---------	---------	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Dast:											
[1]51:											
Dast part	0-30	2.0-6.0	0.10-0.16	7.4-8.4	<2	Low	High	Low	0.20	2	2
	30	---	---	---	---	---	---	---	---		
Rentsac part	0-7	2.0-6.0	0.02-0.06	6.6-8.4	<2	Low	High	Low	0.20	1	8
	7-18	2.0-6.0	0.04-0.10	7.4-8.4	<4	Low	High	Low	0.24		
	18	---	---	---	---	---	---	---	---		
Delpoint:											
52	0-3	0.6-2.0	0.16-0.20	7.4-8.4	<4	Low	High	Low	0.37	2	5
	3-28	0.6-2.0	0.14-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
	28-42	---	---	---	---	---	---	---	---		
Dooley:											
53, 54, 55	0-4	2.0-6.0	0.10-0.16	6.6-8.4	<2	Low	High	Low	0.24	5	3
	4-20	0.6-2.0	0.10-0.18	7.4-8.4	<2	Moderate	High	Low	0.32		
	20-44	0.2-0.6	0.12-0.18	7.4-8.4	<2	Moderate	High	Low	0.37		
	44-60	0.06-0.2	0.14-0.18	7.4-8.4	<2	Moderate	High	Low	0.32		
Dutton:											
56, 57	0-6	0.06-0.2	0.14-0.20	6.6-7.8	<2	High	High	Low	0.37	2	4
	6-27	0.06-0.2	0.12-0.18	6.6-8.4	<2	High	High	Low	0.43		
	27-30	0.2-0.6	0.06-0.10	8.5-9.0	2-4	Low	High	Low	0.32		
	30-36	0.06-0.2	0.10-0.16	8.5-9.0	2-4	High	High	Low	0.43		
	36	---	---	---	---	---	---	---	---		
Eltsac:											
58, 59	0-6	0.06-0.2	0.12-0.16	7.4-8.4	<2	High	High	Low	0.32	2	4
	6-26	<0.06	0.12-0.16	7.4-8.4	<4	High	High	Low	0.37		
	26	---	---	---	---	---	---	---	---		
[1]60:											
Eltsac part	0-6	0.06-0.2	0.12-0.16	7.4-8.4	<2	High	High	Low	0.32	2	4
	6-26	<0.06	0.12-0.16	7.4-8.4	<4	High	High	Low	0.37		
	26	---	---	---	---	---	---	---	---		
Lisam part	0-12	<0.06	0.14-0.18	7.4-8.4	2-4	High	High	Low	0.32	2	4
	12	---	---	---	---	---	---	---	---		
Ernem:											
61	0-6	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low	High	Low	0.37	1	5
	6-15	0.6-2.0	0.10-0.14	7.4-8.4	<2	Moderate	High	Low	0.28		
	15	---	---	---	---	---	---	---	---		
62	0-3	0.6-2.0	0.08-0.14	6.6-7.8	<2	Low	High	Low	0.28	1	8
	3-15	0.6-2.0	0.10-0.14	7.4-8.4	<2	Moderate	High	Low	0.28		
	15	---	---	---	---	---	---	---	---		
Ervide:											
63	0-9	2.0-6.0	0.06-0.12	6.6-7.8	<2	Low	High	Low	0.15	2	2
	9-23	2.0-6.0	0.06-0.12	7.4-8.4	<2	Low	High	Low	0.15		
	23-32	0.6-2.0	0.11-0.15	7.4-8.4	<4	Low	High	Low	0.32		
	32	---	---	---	---	---	---	---	---		
64	0-9	2.0-6.0	0.10-0.16	6.6-7.8	---	Low	High	Low	0.24	2	4
	9-23	2.0-6.0	0.06-0.12	7.4-8.4	<2	Low	High	Low	0.15		
	23-32	0.6-2.0	0.11-0.15	7.4-8.4	<4	Low	High	Low	0.32		
	32	---	---	---	---	---	---	---	---		
Ethridge:											
65, 66	0-7	0.2-0.6	0.16-0.20	6.6-7.8	<2	Moderate	High	Low	0.32	5	7
	7-16	0.06-0.2	0.12-0.16	6.6-8.4	<2	High	High	Low	0.37		
	16-60	0.06-0.2	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.37		
[1]67, [1]68:											
Ethridge part	0-7	0.2-0.6	0.16-0.20	6.6-7.8	<2	Moderate	High	Low	0.32	5	7
	7-16	0.06-0.2	0.12-0.16	6.6-8.4	<2	High	High	Low	0.37		
	16-60	0.06-0.2	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.37		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Ethridge:											
Kobar part	0-6	0.2-0.6	0.14-0.20	7.4-8.4	<2	Moderate	High	Low	0.32	5	7
	6-26	0.06-0.2	0.14-0.20	7.4-8.4	<2	High	High	Low	0.37		
	26-60	0.06-0.2	0.12-0.18	7.4-8.4	<4	High	High	Low	0.37		
Evanston:											
69, 70	0-8	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low	High	Low	0.37	5	6
	8-27	0.6-2.0	0.12-0.18	7.4-8.4	<2	Moderate	High	Low	0.37		
	27-60	0.6-2.0	0.16-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
71	0-8	0.6-2.0	0.12-0.18	6.6-7.8	<2	Moderate	High	Low	0.32	5	6
	8-27	0.6-2.0	0.12-0.18	7.4-8.4	<2	Moderate	High	Low	0.37		
	27-60	0.6-2.0	0.16-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
72	0-8	0.6-2.0	0.10-0.16	6.6-7.8	<2	Moderate	High	Low	0.28	5	6
	8-27	0.6-2.0	0.12-0.18	7.4-8.4	<2	Moderate	High	Low	0.37		
	27-60	0.6-2.0	0.16-0.18	7.9-9.0	<4	Moderate	High	Low	0.37		
Fairfield:											
73	0-7	0.6-2.0	0.16-0.20	6.6-7.8	<2	Low	High	Low	0.43	5	5
	7-14	0.2-0.6	0.16-0.20	7.4-8.4	2-4	Moderate	High	Low	0.32		
	14-60	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.37		
74	0-7	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	High	Low	0.37	5	6
	7-14	0.2-0.6	0.16-0.20	7.4-8.4	2-4	Moderate	High	Low	0.32		
	14-60	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.37		
Farnuf:											
75, 76, 77	0-7	0.6-2.0	0.15-0.20	6.6-7.8	<2	Low	High	Low	0.32	5	6
	7-36	0.6-2.0	0.15-0.20	7.4-8.4	<2	Moderate	High	Low	0.32		
	36-60	0.6-2.0	0.13-0.18	7.9-9.0	<2	Moderate	High	Low	0.32		
Fergus:											
78, 79	0-6	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High	Low	0.32	5	5
	6-42	0.2-0.6	0.14-0.18	7.4-8.4	<2	High	High	Low	0.37		
	42-60	0.2-0.6	0.16-0.20	7.9-9.0	<4	Moderate	High	Low	0.37		
80	0-6	0.2-0.6	0.16-0.20	6.6-7.8	<2	Moderate	High	Low	0.37	5	7
	6-42	0.2-0.6	0.14-0.18	7.4-8.4	<2	High	High	Low	0.37		
	42-60	0.2-0.6	0.16-0.20	7.9-9.0	<4	Moderate	High	Low	0.37		
[1]81:											
Fergus part	0-6	0.2-0.6	0.16-0.20	6.6-7.8	<2	Moderate	High	Low	0.37	5	7
	6-42	0.2-0.6	0.14-0.18	7.4-8.4	<2	High	High	Low	0.37		
	42-60	0.2-0.6	0.16-0.20	7.9-9.0	<4	Moderate	High	Low	0.37		
Absher part	0-5	<0.06	0.10-0.14	6.6-7.8	4-8	High	High	Moderate	0.49	5	4
	5-11	<0.06	0.08-0.12	7.9-9.0	8-16	High	High	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High	High	Moderate	0.49		
Floweree:											
[1]82	0-8	0.6-2.0	0.18-0.22	6.6-7.8	<2	Low	Moderate	Low	0.37	5	6
	8-20	0.2-0.6	0.16-0.20	7.4-8.4	<2	Moderate	High	Low	0.32		
	20-36	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.32		
	36-60	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.32		
Fluventic Haplaquolls:											
[1]83	0-60	---	---	---	---	---	---	---	---	---	---
Fluventic Haploborolls:											
[1]84	0-60	---	---	---	---	---	---	---	---	---	---
Gerber:											
85	0-7	0.06-0.2	0.12-0.18	6.6-7.8	<2	High	High	Low	0.43	5	7
	7-32	0.06-0.2	0.12-0.18	7.4-8.4	<2	High	High	Low	0.43		
	32-60	0.06-0.2	0.12-0.18	7.9-9.0	2-4	High	High	Low	0.43		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Gerber:											
[1]86:											
Gerber part-----	0-7	0.06-0.2	0.12-0.18	6.6-7.8	<2	High------	High-----	Low------	0.43	5	7
	7-32	0.06-0.2	0.12-0.18	7.4-8.4	<2	High------	High-----	Low------	0.43		
	32-60	0.06-0.2	0.12-0.18	7.9-9.0	2-4	High------	High-----	Low------	0.43		
Acel part-------	0-6	0.2-0.6	0.15-0.17	6.6-7.3	---	Moderate	High-----	Low------	0.64	5	7
	6-20	0.06-0.2	0.12-0.16	6.6-7.8	---	High------	High-----	Low------	0.43		
	20-66	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High-----	Low------	0.49		
[1]87, [1]88:											
Gerber part-----	0-7	0.06-0.2	0.12-0.18	6.6-7.8	<2	High------	High-----	Low------	0.32	5	4
	7-32	0.06-0.2	0.12-0.18	7.4-8.4	<2	High------	High-----	Low------	0.43		
	32-60	0.06-0.2	0.12-0.18	7.9-9.0	2-4	High------	High-----	Low------	0.43		
Lawther part----	0-30	0.06-0.2	0.14-0.17	7.4-8.4	<8	High------	High-----	Low------	0.32	5	4
	30-60	0.06-0.2	0.10-0.16	7.4-8.4	<8	High------	High-----	Low------	0.43		
Glendive:											
89----------	0-16	0.6-2.0	0.14-0.20	7.4-9.0	<4	Low-------	High-----	Low------	0.32	5	5
	16-60	2.0-6.0	0.10-0.16	7.4-9.0	2-8	Low-------	High-----	Low------	0.20		
Hanson:											
90----------	0-8	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-------	High-----	Low------	0.32	5	5
	8-14	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-------	High-----	Low------	0.37		
	14-60	0.6-2.0	0.07-0.10	7.4-8.4	<2	Low-------	High-----	Low------	0.28		
[1]91, [1]92:											
Hanson part-----	0-8	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-------	High-----	Low------	0.32	5	5
	8-14	0.6-2.0	0.14-0.20	6.6-7.3	<2	Low-------	High-----	Low------	0.37		
	14-60	0.6-2.0	0.07-0.10	7.4-8.4	<2	Low-------	High-----	Low------	0.28		
Sheege part-----	0-16	0.6-2.0	0.04-0.07	7.4-8.4	<2	Low-------	Moderate	Low------	0.20	1	8
	16	---	---	---	---	----------	----------	----------	---		
[1]93:											
Hanson part-----	0-8	0.6-2.0	0.11-0.17	6.6-7.3	<2	Low-------	High-----	Low------	0.28	5	8
	8-14	0.6-2.0	0.11-0.17	6.6-7.3	<2	Low-------	High-----	Low------	0.28		
	14-60	0.6-2.0	0.07-0.10	7.4-8.4	<2	Low-------	High-----	Low------	0.28		
Skaggs part-----	0-10	0.6-2.0	0.08-0.13	6.6-7.8	<2	Low-------	High-----	Low------	0.28	2	6
	10-21	0.6-2.0	0.08-0.13	7.9-8.4	<2	Low-------	High-----	Low------	0.24		
	21-32	0.6-2.0	0.07-0.10	7.9-8.4	<2	Low-------	High-----	Low------	0.24		
	32	---	---	---	---	----------	----------	----------	---		
Harlem:											
94----------	0-8	0.06-0.2	0.14-0.18	7.4-8.4	<4	Moderate	High-----	Low------	---	---	7
	8-40	0.06-0.2	0.14-0.18	7.4-8.4	<4	High------	High-----	Low------	---		
	40-60	0.06-0.2	0.16-0.20	7.9-9.0	<8	Low-------	High-----	Low------	---		
95----------	0-8	0.06-0.2	0.14-0.18	7.4-8.4	<4	High------	High-----	Low------	---	---	4
	8-40	0.06-0.2	0.14-0.18	7.4-8.4	<4	High------	High-----	Low------	---		
	40-60	0.06-0.2	0.16-0.20	7.9-9.0	<8	Low-------	High-----	Low------	---		
Havre:											
96, 97------	0-8	0.6-2.0	0.16-0.20	7.4-8.4	<4	Low-------	High-----	Low------	0.28	5	5
	8-60	0.6-2.0	0.14-0.20	7.4-8.4	<8	Low-------	High-----	Low------	0.28		
98----------	0-8	0.2-2.0	0.13-0.17	7.4-9.0	4-16	Low-------	High-----	Moderate	0.28	5	7
	8-60	0.6-2.0	0.13-0.17	7.4-9.0	4-16	Low-------	High-----	Moderate	0.28		
Hilger:											
99, 100------	0-5	0.6-2.0	0.05-0.07	6.6-7.8	<2	Low-------	High-----	Low------	0.28	5	8
	5-15	0.6-2.0	0.05-0.07	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	15-60	0.6-2.0	0.05-0.07	7.9-8.4	<2	Low-------	High-----	Low------	0.32		
[1]101:											
Hilger part-----	0-5	0.6-2.0	0.05-0.07	6.6-7.8	<2	Low-------	High-----	Low------	0.32	5	8
	5-15	0.6-2.0	0.05-0.07	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	15-60	0.6-2.0	0.05-0.07	7.9-8.4	<2	Low-------	High-----	Low------	0.32		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Hilger:											
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	---------	---------	---		
Hillon:											
102----------	0-5	0.6-2.0	0.15-0.18	7.4-8.4	<2	Moderate	High-----	Low------	0.32	5	6
	5-60	0.06-0.2	0.15-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.32		
Ipano:											
103----------	0-8	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	2	5
	8-19	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	19-34	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	34	---	---	---	---	----------	---------	---------	---		
[1]104:											
Ipano part------	0-8	0.6-2.0	0.16-0.20	7.4-7.8	<2	Low-------	High-----	Low------	0.37	2	5
	8-19	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	19-34	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	34	---	---	---	---	----------	---------	---------	---		
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-8.4	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	---------	---------	---		
[1]105, [1]106:											
Ipano part------	0-8	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	2	5
	8-19	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	19-34	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	34	---	---	---	---	----------	---------	---------	---		
Hillon part-----	0-5	0.6-2.0	0.15-0.18	7.4-8.4	<2	Moderate	High-----	Low------	0.32	5	6
	5-60	0.06-0.2	0.15-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.32		
[1]107, [1]108:											
Ipano part------	0-8	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	2	5
	8-19	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	19-34	0.6-2.0	0.14-0.18	7.4-8.4	<2	Low-------	High-----	Low------	0.32		
	34	---	---	---	---	----------	---------	---------	---		
Ticell part-----	0-6	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	1	5
	6-15	0.6-2.0	0.18-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	15	---	---	---	---	----------	---------	---------	---		
Judith:											
109, 110----------	0-7	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	4	5
	7-22	0.6-2.0	0.12-0.18	7.9-8.4	<4	Moderate	High-----	Low------	0.37		
	22-26	0.6-2.0	0.10-0.14	7.9-9.0	<4	Low-------	High-----	Low------	0.28		
	26-60	2.0-6.0	0.04-0.08	7.9-9.0	<4	Low-------	High-----	Low------	0.17		
111----------	0-7	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	3	5
	7-26	0.6-2.0	0.12-0.18	7.9-8.4	<4	Moderate	High-----	Low------	0.37		
	26-44	0.6-2.0	0.10-0.14	7.9-9.0	<4	Low-------	High-----	Low------	0.28		
	44-50	2.0-6.0	0.04-0.08	7.9-9.0	<4	Low-------	High-----	Low------	0.17		
	50	---	---	---	---	----------	---------	---------	---		
Kevin:											
[1]112:											
Kevin part------	0-7	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.32	5	6
	7-30	0.2-0.6	0.14-0.18	7.4-9.0	<2	Moderate	High-----	Low------	0.32		
	30-60	0.06-0.2	0.14-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.37		
Hillon part-----	0-5	0.6-2.0	0.15-0.18	7.4-8.4	<2	Moderate	High-----	Low------	0.32	5	6
	5-60	0.06-0.2	0.15-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.32		
[1]113:											
Kevin part------	0-7	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.32	5	6
	7-30	0.2-0.6	0.14-0.18	7.4-9.0	<2	Moderate	High-----	Low------	0.32		
	30-60	0.06-0.2	0.14-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.37		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Kevin:											
Scobey part-----	0-7	0.6-2.0	0.14-0.18	6.6-7.3	<2	Moderate	High-----	Low------	0.32	5	6
	7-16	0.2-0.6	0.12-0.16	6.6-8.4	<2	High------	High-----	Low------	0.28		
	16-60	0.06-0.2	0.14-0.18	7.9-8.4	<2	Moderate	High-----	Low------	0.32		
Kobar:											
114, 115, 116-----	0-6	0.2-0.6	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low------	0.32	5	7
	6-26	0.06-0.2	0.14-0.20	7.4-8.4	<2	High------	High-----	Low------	0.37		
	26-60	0.06-0.2	0.12-0.18	7.4-8.4	<4	High------	High-----	Low------	0.37		
[1]117:											
Kobar part------	0-6	0.2-0.6	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low------	0.32	5	7
	6-26	0.06-0.2	0.14-0.20	7.4-8.4	<2	High------	High-----	Low------	0.37		
	26-60	0.06-0.2	0.12-0.18	7.4-8.4	<4	High------	High-----	Low------	0.37		
Marias part-----	0-8	0.06-0.2	0.12-0.18	7.4-8.4	2-4	High------	High-----	Low------	0.37	5	4
	8-34	<0.06	0.12-0.18	7.4-8.4	2-4	High------	High-----	Low------	0.37		
	34-66	<0.06	0.08-0.14	7.9-9.0	2-16	High------	High-----	Moderate	0.37		
Korent:											
118---------------	0-9	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	5	5
	9-26	0.6-2.0	0.12-0.22	7.9-9.0	<2	Low-------	High-----	Low------	0.37		
	26-41	0.6-2.0	0.14-0.20	7.9-9.0	2-4	Low-------	High-----	Low------	0.37		
	41-60	0.6-2.0	0.06-0.16	7.9-9.0	2-4	Low-------	High-----	Low------	0.24		
Lallie:											
119---------------	0-2	0.06-0.2	0.15-0.20	7.9-9.0	1-10	High------	High-----	Low------	---	---	4
	2-50	0.06-0.2	0.13-0.20	7.9-9.0	1-10	High------	High-----	Low------	---		
	50-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low-------	High-----	Low------	---		
Lambeth:											
[1]120:											
Lambeth part----	0-4	0.02-0.6	0.18-0.22	7.4-8.4	<2	Low-------	High-----	Low------	0.43	5	6
	4-66	0.2-0.6	0.12-0.18	7.9-8.4	<4	Low-------	High-----	Low------	0.43		
Floweree part---	0-8	0.6-2.0	0.18-0.22	6.6-7.8	<2	Low-------	Moderate	Low------	0.37	5	6
	8-20	0.2-0.6	0.16-0.20	7.4-8.4	<2	Moderate	High-----	Low------	0.32		
	20-36	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High-----	Low------	0.32		
	36-60	0.2-0.6	0.16-0.20	7.9-9.0	2-4	Moderate	High-----	Low------	0.32		
[1]121:											
Lambeth part----	0-4	0.2-0.6	0.18-0.22	7.4-8.4	<2	Low-------	High-----	Low------	0.43	5	6
	4-66	0.2-0.6	0.12-0.18	7.9-8.4	<4	Low-------	High-----	Low------	0.43		
Lothair part----	0-3	0.2-0.6	0.16-0.20	7.4-8.4	<4	Moderate	High-----	Low------	0.32	5	4
	3-60	0.06-0.2	0.16-0.20	7.9-8.4	2-4	High------	High-----	Low------	0.37		
Lawther:											
122---------------	0-30	0.06-0.2	0.14-0.17	7.4-8.4	<8	High------	High-----	Low------	0.32	5	4
	30-60	0.06-0.2	0.10-0.16	7.4-8.4	<8	High------	High-----	Low------	0.43		
123---------------	0-60	0.06-0.2	0.14-0.17	7.4-9.0	<8	High------	High-----	Low------	0.32	5	4
[1]124:											
Lawther part----	0-30	0.06-0.2	0.14-0.17	7.4-9.0	<8	High------	High-----	Low------	0.32	5	4
	30-60	0.06-0.2	0.14-0.17	7.4-9.0	<8	High------	High-----	Low------	0.43		
Gerber part-----	0-7	0.06-0.2	0.12-0.18	6.6-7.8	<2	High------	High-----	Low------	0.43	5	7
	7-32	0.06-0.2	0.12-0.18	7.4-8.4	<2	High------	High-----	Low------	0.43		
	32-60	0.06-0.2	0.12-0.18	7.9-9.0	2-4	High------	High-----	Low------	0.43		
Lennep:											
[1]125:											
Lennep part-----	0-6	0.6-2.0	0.16-0.20	6.6-7.8	<2	Low-------	High-----	Low------	0.43	5	5
	6-24	0.06-0.2	0.12-0.16	7.9-9.0	<4	High------	High-----	Low------	0.37		
	24-60	0.06-0.2	0.16-0.18	>8.4	2-8	High------	High-----	Low------	0.43		
Nobe part-------	0-4	<0.06	0.07-0.09	6.6-8.4	4-8	High------	High-----	Moderate	0.43	5	6
	4-25	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		
	25-60	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Libeg:											
126	0-6	0.6-2.0	0.05-0.09	6.1-7.3	<2	Low	High	Low	0.28	5	8
	6-16	0.6-2.0	0.05-0.09	6.1-7.3	<2	Low	High	Low	0.24		
	16-30	0.6-2.0	0.03-0.07	6.1-7.3	<2	Low	High	Low	0.24		
	30-60	0.6-2.0	0.03-0.07	6.1-7.3	<2	Low	High	Low	0.20		
Lihen:											
127, 128	0-21	6.0-20	0.6-0.12	6.6-7.8	<2	Low	High	Low	0.17	5	2
	21-60	6.0-20	0.6-0.12	7.4-8.4	<2	Low	High	Low	0.17		
Linnet:											
[1]129, [1]130:											
Linnet part	0-6	0.2-0.6	0.16-0.20	6.1-7.3	<2	Moderate	High	Low	0.43	5	7
	6-30	0.06-0.2	0.12-0.18	6.6-8.4	<4	High	High	Low	0.43		
	30-66	0.06-0.2	0.12-0.18	7.9-9.0	<4	Moderate	High	Low	0.43		
Acel part	0-6	0.2-0.6	0.15-0.17	6.6-7.3	---	Moderate	High	Low	0.64	5	7
	6-28	0.06-0.2	0.12-0.16	6.6-7.8	---	High	High	Low	0.43		
	28-66	0.06-0.2	0.15-0.17	7.9-9.0	<2	Moderate	High	Low	0.49		
[1]131, [1]132:											
Linnet part	0-6	0.2-0.6	0.16-0.20	6.1-7.3	<2	High	High	Low	0.43	5	4
	6-30	0.06-0.2	0.12-0.18	6.6-8.4	<4	High	High	Low	0.43		
	30-66	0.06-0.2	0.12-0.18	7.9-9.0	<4	Moderate	High	Low	0.43		
Marias part	0-8	0.06-0.2	0.12-0.18	7.4-8.4	2-4	High	High	Low	0.37	5	4
	8-34	<0.06	0.12-0.18	7.4-8.4	2-4	High	High	Low	0.37		
	34-60	<0.06	0.08-0.14	7.9-9.0	2-16	High	High	Moderate	0.37		
Lisam:											
[1]133:											
Lisam part	0-12	<0.06	0.14-0.18	7.4-8.4	2-4	High	High	Low	0.32	2	4
	12	---	---	---	---	---	---	---	---		
Rock outcrop part.											
Loberg:											
134	0-10	0.6-2.0	0.14-0.20	5.1-6.0	<2	Low	Moderate	Moderate	0.37	5	8
	10-60	0.06-0.2	0.10-0.15	5.1-7.3	<2	Moderate	Moderate	Moderate	0.32		
[1]135:											
Loberg part	0-10	0.6-2.0	0.14-0.20	5.1-6.0	<2	Low	Moderate	Moderate	0.37	5	8
	10-60	0.06-0.2	0.08-0.12	5.1-7.3	<2	Moderate	Moderate	Moderate	0.32		
Cheadle part	0-10	0.6-2.0	0.10-0.16	6.6-7.8	<2	Low	High	Low	0.32	1	8
	10	---	---	---	---	---	---	---	---		
Loggert:											
136, 137	0-19	0.6-2.0	0.5-0.8	5.6-6.5	<2	Low	High	Moderate	0.28	5	8
	19-60	0.6-2.0	0.4-0.7	5.6-6.5	<2	Low	High	Moderate	0.24		
Lothair:											
138	0-3	0.2-0.6	0.16-0.20	7.4-8.4	<4	Moderate	High	Low	0.32	5	4
	3-60	0.06-0.2	0.16-0.20	7.9-8.4	2-4	High	High	Low	0.37		
Marias:											
139, 140, 141	0-8	0.06-0.2	0.12-0.18	7.4-8.4	2-4	High	High	Low	0.37	5	4
	8-34	<0.06	0.12-0.18	7.4-8.4	2-4	High	High	Low	0.37		
	34-60	<0.06	0.08-0.14	7.9-9.0	2-16	High	High	Moderate	0.37		
Marmarth:											
142	0-7	0.6-2.0	0.16-0.20	6.6-7.8	<2	Moderate	High	Low	0.28	4-3	6
	7-24	0.6-2.0	0.14-0.18	7.4-8.4	<2	Moderate	High	Low	0.28		
	24-38	---	---	---	---	---	---	---	---		
Marvan:											
143, 144	0-4	0.06-0.2	0.12-0.18	7.9-8.4	<4	High	High	Low	0.37	5	4
	4-11	<0.06	0.10-0.14	7.9-9.0	2-8	High	High	Low	0.37		
	11-60	<0.06	0.08-0.12	7.9-9.0	8-16	High	High	Moderate	0.37		
145	0-4	0.06-0.2	0.12-0.18	7.9-8.4	<4	High	High	Low	0.37	5	4
	4-60	<0.06	0.08-0.12	7.9-9.0	8-16	High	High	Moderate	0.37		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
McKenzie:											
146	0-7	0.06-0.2	0.13-0.17	7.4-9.0	2-8	High	High	Low	---	---	8
	7-60	<0.06	0.13-0.17	7.9-9.0	2-8	High	High	Low	---		
147	0-7	<0.06	0.13-0.17	7.4-9.0	2-8	High	High	Low	---	---	8
	7-60	<0.06	0.13-0.17	7.9-9.0	2-8	High	High	Low	---		
Monad:											
148, 149	0-14	0.6-2.0	0.14-0.20	5.6-6.0	<2	Low	High	Low	0.37	5	5
	14-49	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	High	Low	0.37		
	49-74	0.2-0.6	0.08-0.14	6.6-7.8	<2	Moderate	High	Low	0.32		
[1]150:											
Monad part	0-14	0.6-2.0	0.14-0.20	5.6-6.0	<2	Low	High	Low	0.37	5	5
	14-49	0.2-0.6	0.12-0.18	5.6-7.3	<2	Moderate	High	Low	0.37		
	49-74	0.2-0.6	0.08-0.14	6.6-7.8	<2	Moderate	High	Low	0.32		
Libeg part	0-6	0.6-2.0	0.05-0.09	6.1-7.3	<2	Low	High	Low	0.28	5	8
	6-16	0.6-2.0	0.05-0.09	6.1-7.3	<2	Low	High	Low	0.24		
	16-30	0.6-2.0	0.03-0.07	6.1-7.3	<2	Low	High	Low	0.24		
	30-60	0.6-2.0	0.03-0.07	6.1-7.3	<2	Low	High	Low	0.20		
Pendroy:											
151, 152, 153	0-3	<0.06	0.15-0.18	7.4-8.4	2-4	High	High	Low	0.37	5	4
	3-42	<0.06	0.15-0.18	7.4-8.4	2-4	High	High	Low	0.37		
	42-70	<0.06	0.15-0.18	7.9-9.0	2-4	High	High	Low	0.43		
Perma:											
154	0-15	0.6-2.0	0.03-0.08	6.1-7.8	<2	Low	High	Low	0.28	5	8
	15-60	0.6-2.0	0.03-0.08	6.6-8.4	<2	Low	High	Low	0.15		
Pylon:											
155	0-6	<0.06	0.14-0.20	6.1-7.3	<2	High	High	Low	0.37	2	7
	6-34	<0.06	0.12-0.18	6.6-9.0	2-8	High	High	Low	0.43		
	34-50	---	---	---	---	---	---	---	---		
Raynesford:											
156, 157	0-16	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.28	5	5
	16-28	0.2-0.6	0.12-0.18	7.9-8.4	<4	Moderate	High	Low	0.32		
	28-66	0.2-0.6	0.08-0.14	7.9-8.4	<4	Moderate	High	Low	0.24		
[1]158, [1]159:											
Raynesford part	0-16	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.28	5	5
	16-28	0.2-0.6	0.12-0.18	7.9-8.4	<4	Moderate	High	Low	0.32		
	28-66	0.2-0.6	0.08-0.14	7.9-8.4	<4	Moderate	High	Low	0.24		
Skaggs part	0-10	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low	High	Low	0.28	2	5
	10-21	0.6-2.0	0.08-0.13	7.9-8.4	<2	Moderate	High	Low	0.24		
	21-32	0.6-2.0	0.07-0.10	7.9-8.4	<2	Moderate	High	Low	0.24		
	32-38	---	---	---	---	---	---	---	---		
[1]160:											
Raynesford part	0-16	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.28	5	5
	16-28	0.2-0.6	0.12-0.18	7.9-8.4	<4	Moderate	High	Low	0.32		
	28-66	0.2-0.6	0.08-0.14	7.9-8.4	<4	Moderate	High	Low	0.24		
Sheege part	0-16	0.6-2.0	0.04-0.07	7.4-8.4	<2	Low	Moderate	Low	0.20	1	8
	16	---	---	---	---	---	---	---	---		
Reeder:											
161, 162	0-3	0.6-2.0	0.20-0.23	6.6-7.8	<2	Moderate	High	Low	0.28	4-3	6
	3-27	0.6-2.0	0.15-0.18	6.6-8.4	<2	Moderate	High	Low	0.28		
	27	---	---	---	---	---	---	---	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Reeder variant:											
163	0-6	0.6-2.0	0.18-0.22	6.6-7.3	<2	Low	High	Low	0.37	2	6
	6-27	0.6-2.0	0.14-0.20	6.6-8.4	<2	Moderate	High	Low	0.28		
	27-33	0.6-2.0	0.03-0.10	7.4-8.4	<4	Low	High	Low	0.10		
	33	---	---	---	---	---	---	---	---		
Rentsac:											
[1]164:											
Rentsac part	0-7	2.0-6.0	0.02-0.06	6.6-8.4	<2	Low	High	Low	0.20	1	8
	7-18	2.0-6.0	0.04-0.10	7.4-8.4	<4	Low	High	Low	0.24		
	18	---	---	---	---	---	---	---	---		
Ethridge part	0-7	0.2-0.6	0.14-0.18	6.6-7.8	<2	Moderate	High	Low	0.37	5	6
	7-16	0.06-0.2	0.12-0.16	6.6-8.4	<2	High	High	Low	0.37		
	16-60	0.06-0.2	0.16-0.20	7.9-9.0	2-4	Moderate	High	Low	0.37		
Rivra:											
165	0-8	>20	0.08-0.12	7.4-8.4	<2	Low	High	Low	0.20	1	3
	8-60	>20	0.02-0.04	7.4-8.4	<2	Low	High	Low	0.10		
Rothiemay:											
166, 168	0-7	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.32	5	5
	7-23	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High	Low	0.32		
	23-66	0.06-0.2	0.12-0.18	7.9-9.0	2-4	Moderate	High	Low	0.28		
167	0-7	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.24	5	8
	7-23	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High	Low	0.32		
	23-66	0.06-0.2	0.12-0.18	7.9-9.0	2-4	Moderate	High	Moderate	0.28		
[1]169, [1]170:											
Rothiemay part	0-7	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.32	5	5
	7-23	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High	Low	0.32		
	23-66	0.06-0.2	0.12-0.18	7.9-9.0	2-4	Moderate	High	Low	0.28		
Binna part	0-9	0.6-2.0	0.16-0.20	7.4-8.4	<2	Low	High	Low	0.37	3	5
	9-28	0.6-2.0	0.12-0.20	7.9-9.0	<2	Low	High	Low	0.37		
	28-60	2.0-6.0	0.04-0.08	7.9-9.0	<2	Low	High	Low	0.10		
Ryell:											
171	0-8	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.28	3	5
	8-28	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.24		
	28-60	6.0-20	0.02-0.04	7.4-8.4	<4	Low	High	Low	0.10		
[1]172:											
Ryell part	0-8	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.28	3	5
	8-28	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low	High	Low	0.24		
	28-60	6.0-20	0.02-0.04	7.4-8.4	<4	Low	High	Low	0.10		
Rivra part	0-8	>20	0.08-0.12	7.4-8.4	<2	Low	High	Low	0.20	1	3
	8-60	>20	0.02-0.04	7.4-8.4	<2	Low	High	Low	0.10		
Scobey:											
173	0-7	0.6-2.0	0.14-0.18	6.6-7.3	<2	Moderate	High	Low	0.32	5	6
	7-16	0.2-0.6	0.12-0.16	6.6-8.4	<2	High	High	Low	0.28		
	16-60	0.06-0.2	0.14-0.18	7.9-8.4	<2	Moderate	High	Low	0.32		
[1]174:											
Scobey part	0-7	0.6-2.0	0.14-0.18	6.6-7.3	<2	Moderate	High	Low	0.32	5	6
	7-16	0.2-0.6	0.12-0.16	6.6-8.4	<2	High	High	Low	0.28		
	16-60	0.06-0.2	0.14-0.18	7.9-8.4	<2	Moderate	High	Low	0.32		
Kevin part	0-7	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High	Low	0.32	5	6
	7-30	0.2-0.6	0.14-0.18	7.4-9.0	<2	Moderate	High	Low	0.32		
	30-60	0.06-0.2	0.14-0.18	7.9-9.0	<2	Moderate	High	Low	0.37		
Shane:											
175	0-6	0.06-0.2	0.16-0.20	5.6-7.3	<2	Moderate	High	Low	0.37	2	7
	6-32	<0.06	0.12-0.18	6.6-8.4	<4	High	High	Low	0.32		
	32-60	---	---	---	---	---	---	---	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Shane:											
[1]176:											
Shane part------	0-6	0.6-2.0	0.16-0.20	5.6-7.3	<2	Low-------	High-----	Low-------	0.49	2	5
	6-32	<0.06	0.12-0.18	6.6-8.4	<4	High------	High-----	Low-------	0.32		
	32-60	---	---	---	---	---	---	---	---		
Nobe part-------	0-4	<0.06	0.07-0.09	6.6-8.4	4-8	High------	High-----	Moderate	0.43	5	6
	4-25	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		
	25-60	<0.06	0.07-0.09	7.9-9.0	16-25	High------	High-----	Moderate	0.43		
Shawa:											
177, 178----------	0-36	0.6-2.0	0.16-0.18	6.6-7.8	<2	Low-------	High-----	Low-------	0.28	5	5
	36-60	0.6-2.0	0.12-0.16	6.6-7.8	<2	Moderate	High-----	Low-------	0.32		
Sheege:											
179---------------	0-16	0.6-2.0	0.04-0.07	7.4-8.4	<2	Low-------	Moderate	Low-------	0.20	1	8
	16	---	---	---	---	---	---	---	---		
[1]180:											
Sheege part-----	0-16	0.6-2.0	0.04-0.07	7.4-8.4	<2	Low-------	Moderate	Low-------	0.20	1	8
	16	---	---	---	---	---	---	---	---		
Rock outcrop part.											
[1]181:											
Sheege part-----	0-16	0.6-2.0	0.04-0.07	7.4-8.4	<2	Low-------	Moderate	Low-------	0.20	1	8
	16	---	---	---	---	---	---	---	---		
Whitore part----	0-9	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High-----	Low-------	0.32	5	7
	9-60	0.6-2.0	0.05-0.10	6.6-8.4	<2	Moderate	High-----	Low-------	0.37		
Sinnigam:											
182---------------	0-6	0.6-2.0	0.14-0.20	6.1-7.8	<2	Low-------	High-----	Low-------	0.37	1	5
	6-17	0.2-0.6	0.09-0.13	6.1-7.8	<2	Moderate	High-----	Low-------	0.20		
	17	---	---	---	---	---	---	---	---		
Straw:											
183---------------	0-10	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low-------	High-----	Low-------	0.37	5	5
	10-38	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low-------	0.37		
	38-54	0.6-2.0	0.18-0.22	7.4-8.4	<2	Low-------	High-----	Low-------	0.37		
	54-66	2.0-6.0	0.04-0.08	7.4-8.4	<2	Low-------	High-----	Low-------	0.15		
184---------------	0-10	0.6-2.0	0.14-0.20	6.6-7.8	<2	Moderate	High-----	Low-------	0.32	5	6
	10-38	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low-------	0.37		
	38-54	0.6-2.0	0.18-0.22	7.4-8.4	<2	Low-------	High-----	Low-------	0.37		
	54-66	2.0-6.0	0.04-0.08	7.4-8.4	<2	Low-------	High-----	Low-------	0.15		
[1]185:											
Straw part------	0-10	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low-------	High-----	Low-------	0.37	5	5
	10-38	0.6-2.0	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low-------	0.37		
	38-54	0.6-2.0	0.18-0.22	7.4-8.4	<2	Low-------	High-----	Low-------	0.37		
	54-66	2.0-6.0	0.04-0.08	7.4-8.4	<2	Low-------	High-----	Low-------	0.15		
Rivra part------	0-8	>20	0.08-0.12	7.4-8.4	<2	Low-------	High-----	Low-------	0.20	1	3
	8-60	>20	0.02-0.04	7.4-8.4	<2	Low-------	High-----	Low-------	0.10		
Tally:											
186, 187, 188-----	0-40	2.0-6.0	0.10-0.16	6.6-8.4	<2	Low-------	High-----	Low-------	0.20	5	3
	40-60	2.0-6.0	0.10-0.16	7.4-8.4	<2	Low-------	High-----	Low-------	0.20		
189---------------	0-7	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low-------	High-----	Low-------	0.37	5	5
	7-60	2.0-6.0	0.10-0.16	6.6-8.4	<2	Low-------	High-----	Low-------	0.20		
[1]190:											
Tally part------	0-7	0.6-2.0	0.14-0.20	6.6-7.8	<2	Low-------	High-----	Low-------	0.37	5	5
	7-60	2.0-6.0	0.10-0.16	6.6-8.4	<2	Low-------	High-----	Low-------	0.20		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Tally:											
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	----------	----------	---		
Tanna:											
191, 192, 193-----	0-6	0.06-0.2	0.12-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	6
	6-27	0.06-0.2	0.12-0.18	7.4-8.4	<4	Moderate	High-----	Low------	0.43		
	27-31	0.06-0.2	0.09-0.12	7.4-8.4	<4	Moderate	High-----	Low------	0.24		
	31-40	---	---	---	---	----------	----------	----------	---		
[1]194:											
Tanna part------	0-6	0.06-0.2	0.12-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	6
	6-27	0.06-0.2	0.12-0.18	7.4-8.4	<4	Moderate	High-----	Low------	0.43		
	27-31	0.06-0.2	0.09-0.12	7.4-8.4	<4	Moderate	High-----	Low------	0.24		
	31-40	---	---	---	---	----------	----------	----------	---		
Wabek part------	0-10	2.0-6.0	0.10-0.16	6.6-7.8	<2	Low-------	Moderate	Low------	0.28	2	5
	10-60	6.0-20	0.02-0.04	7.4-8.4	<2	Low-------	Moderate	Low------	0.10		
Terrad:											
195, 196----------	0-6	0.06-0.2	0.12-0.18	6.6-7.8	<2	High------	High-----	Low------	0.37	4	4
	6-45	0.06-0.2	0.12-0.18	6.6-9.0	<4	High------	High-----	Low------	0.24		
	45-60	---	---	---	---	----------	----------	----------	---		
Thebo:											
197, 198----------	0-31	<0.06	0.12-0.18	7.4-8.4	<4	High------	High-----	Low------	0.24	2	4
	31	---	---	---	---	----------	----------	----------	---		
Ticell:											
[1]199:											
Ticell part-----	0-6	0.6-2.0	0.14-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37	1	5
	6-15	0.6-2.0	0.18-0.20	7.4-8.4	<2	Low-------	High-----	Low------	0.37		
	15	---	---	---	---	----------	----------	----------	---		
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	----------	----------	---		
Tigeron:											
[1]200:											
Tigeron part----	0-7	0.6-2.0	0.06-0.10	5.1-6.5	<2	Low-------	High-----	Moderate	0.20	5	8
	7-13	0.6-2.0	0.06-0.10	5.1-6.5	<2	Low-------	High-----	Moderate	0.24		
	13-24	0.6-2.0	0.06-0.10	5.1-6.5	<2	Low-------	High-----	Moderate	0.32		
	24-66	0.6-2.0	0.04-0.08	5.1-6.5	<2	Low-------	High-----	Moderate	0.28		
Loggert part----	0-19	0.6-2.0	0.5-0.8	5.6-6.5	<2	Low-------	High-----	Moderate	0.28	5	8
	19-60	0.6-2.0	0.4-0.7	5.6-6.5	<2	Low-------	High-----	Moderate	0.24		
Timberg:											
201----------	0-7	0.2-0.6	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low------	0.32	2	4
	7-35	0.2-0.6	0.12-0.18	7.4-9.0	<4	High------	High-----	Low------	0.28		
	35-60	---	---	---	---	----------	----------	----------	---		
202----------	0-7	0.2-0.6	0.12-0.18	7.4-8.4	<2	High------	High-----	Low------	0.28	2	4
	7-35	0.2-0.6	0.12-0.18	7.4-9.0	<4	High------	High-----	Low------	0.28		
	35-60	---	---	---	---	----------	----------	----------	---		
[1]203:											
Timberg part----	0-7	0.2-0.6	0.12-0.18	7.4-8.4	<2	High------	High-----	Low------	0.28	2	4
	7-35	0.2-0.6	0.12-0.18	7.4-9.0	<4	High------	High-----	Low------	0.28		
	35-60	---	---	---	---	----------	----------	----------	---		
Big Timber part-	0-15	0.2-0.6	0.12-0.16	7.4-8.4	<2	Moderate	High-----	Low------	0.32	1	6
	15	---	---	---	---	----------	----------	----------	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Timberg:											
[1]204:											
Timberg part----	0-7	0.2-0.6	0.14-0.20	7.4-8.4	<2	Moderate	High-----	Low------	0.32	2	4
	7-35	0.2-0.6	0.12-0.18	7.9-9.0	<4	High------	High-----	Low------	0.28		
	35-60	---	---	---	---	----------	----------	----------	---		
Castner part----	0-6	0.6-2.0	0.08-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.28	1	8
	6-16	0.6-2.0	0.04-0.09	7.4-8.4	<2	Low-------	High-----	Low------	0.24		
	16	---	---	---	---	----------	----------	----------	---		
Torex:											
205----------	0-8	6.0-20	0.06-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.17	5	2
	8-24	6.0-20	0.06-0.12	7.4-8.4	<2	Low-------	High-----	Low------	0.17		
	24-60	0.6-2.0	0.14-0.20	7.9-8.4	<4	Low-------	High-----	Low------	0.32		
Turner:											
206----------	0-5	0.6-2.0	0.16-0.20	6.1-7.3	<2	Low-------	High-----	Low------	0.37	3	5
	5-36	0.6-2.0	0.12-0.18	6.6-8.4	<2	Moderate	High-----	Low------	0.32		
	36-60	6.0-20	0.01-0.04	7.4-8.4	<2	Low-------	High-----	Low------	0.15		
Twin Creek:											
207----------	0-7	0.6-2.0	0.16-0.20	6.6-7.8	<2	Low-------	High-----	Low------	0.28	5	5
	7-25	0.6-2.0	0.16-0.20	6.6-8.4	<2	Moderate	High-----	Low------	0.32		
	25-60	0.6-2.0	0.12-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.37		
208----------	0-7	0.6-2.0	0.14-0.20	6.6-7.8	<2	Moderate	High-----	Low------	0.32	5	7
	7-25	0.6-2.0	0.16-0.20	6.6-8.4	<2	Moderate	High-----	Low------	0.32		
	25-60	0.6-2.0	0.12-0.18	7.9-9.0	<2	Moderate	High-----	Low------	0.37		
Vanda:											
209----------	0-4	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.24	5	8
	4-60	<0.06	0.08-0.12	7.9-9.0	8-16	High------	High-----	Moderate	0.24		
210----------	0-4	<0.06	0.04-0.08	>8.4	>16	High------	High-----	Moderate	0.24	5	8
	4-60	<0.06	0.04-0.08	>8.4	>16	High------	High-----	Moderate	0.24		
Virgelle:											
211----------	0-11	6.0-20	0.06-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.20	5	2
	11-21	6.0-20	0.06-0.12	6.6-7.8	<2	Low-------	High-----	Low------	0.20		
	21-32	6.0-20	0.08-0.13	7.4-8.4	2-4	Low-------	High-----	Low------	0.20		
	32-60	<0.06	0.12-0.20	>8.4	4-6	Moderate	High-----	Low------	0.32		
[1]212:											
Virgelle part---	0-11	6.0-20	0.06-0.12	6.6-8.4	<2	Low-------	High-----	Moderate	0.20	5	2
	11-21	6.0-20	0.06-0.12	6.6-8.4	<2	Low-------	High-----	Moderate	0.20		
	21-32	6.0-20	0.08-0.13	6.6-8.4	2-4	Low-------	High-----	Moderate	0.20		
	32-60	<0.06	0.12-0.20	>8.4	4-6	Moderate	High-----	Moderate	0.32		
Absher part-----	0-5	<0.06	0.12-0.16	6.6-7.8	4-8	High------	High-----	Moderate	0.49	5	7
	5-11	<0.06	0.08-0.12	7.4-9.0	8-16	High------	High-----	Moderate	0.49		
	11-60	<0.06	0.06-0.10	>8.4	>16	High------	High-----	Moderate	0.49		
Wabek:											
213----------	0-10	2.0-6.0	0.10-0.16	6.6-7.8	<2	Low-------	Moderate	Low------	0.28	2	5
	10-60	6.0-20	0.02-0.04	7.4-8.4	<2	Low-------	Moderate	Low------	0.10		
Waybe:											
[1]214:											
Waybe part------	0-5	0.06-0.2	0.12-0.18	7.4-8.4	<4	Moderate	High-----	Low------	0.37	1	6
	5-18	0.06-0.2	0.14-0.20	7.9-8.4	<4	Moderate	High-----	Low------	0.37		
	18	---	---	---	---	----------	----------	----------	---		
Bynum part------	0-4	0.6-2.0	0.12-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.32	2	6
	4-29	0.6-2.0	0.12-0.20	6.6-8.4	<2	Moderate	High-----	Low------	0.32		
	29	---	---	---	---	----------	----------	----------	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion		Erosion factors		Wind erodibility group
							Uncoated steel	Concrete	K	T	
	In	In/hr	In/in	pH	Mmhos/cm						
Waybe:											
[1]215:											
Waybe part------	0-5	0.06-0.2	0.10-0.16	7.4-8.4	<4	Moderate	High-----	Low------	0.32	1	6
	5-18	0.06-0.2	0.14-0.20	7.9-8.4	<4	Moderate	High-----	Low------	0.37		
	18	---	---	---	---	----------	---------	---------	---		
Rock outcrop part.											
Whitore:											
216----------	0-9	0.6-2.0	0.14-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.32	5	7
	9-60	0.6-2.0	0.05-0.10	6.6-8.4	<2	Moderate	High-----	Low------	0.37		
Winifred:											
217, 218----------	0-7	0.2-0.6	0.12-0.18	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	6
	7-36	0.06-0.2	0.12-0.18	7.9-9.0	<4	High------	High-----	Low------	0.37		
	36	---	---	---	---	----------	---------	---------	---		
[1]219:											
Winifred part---	0-7	0.06-0.2	0.14-0.20	6.6-7.8	<2	Moderate	High-----	Low------	0.37	2	7
	7-36	0.06-0.2	0.12-0.18	7.9-9.0	<4	High------	High-----	Low------	0.37		
	36	---	---	---	---	----------	---------	---------	---		
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
Woosley:											
220, 221----------	0-7	0.6-2.0	0.18-0.22	6.1-7.3	<2	Low-------	High-----	Low------	0.37	2	6
	7-21	0.6-2.0	0.14-0.20	6.6-7.8	<2	Moderate	High-----	Low------	0.37		
	21-34	0.6-2.0	0.09-0.16	7.4-8.4	<2	Moderate	High-----	Low------	0.32		
	34	---	---	---	---	----------	---------	---------	---		
Work:											
222, 223, 224, 225	0-6	0.6-2.0	0.12-0.18	6.1-7.3	<2	Moderate	High-----	Low------	0.32	5	6
	6-15	0.2-0.6	0.12-0.18	6.1-8.4	<2	High------	High-----	Low------	0.37		
	15-47	0.2-0.6	0.12-0.18	6.1-8.4	<4	Moderate	High-----	Low------	0.32		
	47-67	0.2-0.6	0.08-0.14	7.4-9.0	<4	Low-------	High-----	Low------	0.20		
[1]226:											
Work part-------	0-6	0.6-2.0	0.14-0.20	6.1-7.3	<2	Moderate	High-----	Low------	0.37	5	5
	6-15	0.2-0.6	0.12-0.18	6.1-8.4	<2	High------	High-----	Low------	0.37		
	15-47	0.2-0.6	0.12-0.18	6.1-8.4	<4	Moderate	High-----	Low------	0.32		
	47-67	0.2-0.6	0.08-0.14	7.4-9.0	<4	Low-------	High-----	Low------	0.20		
Work part-------	0-6	0.6-2.0	0.05-0.09	6.1-7.3	<2	Moderate	High-----	Low------	0.28	5	8
	6-15	0.2-0.6	0.12-0.18	6.1-8.4	<2	High------	High-----	Low------	0.37		
	15-47	0.2-0.6	0.12-0.18	6.1-8.4	<4	Moderate	High-----	Low------	0.32		
	47-67	0.2-0.6	0.08-0.14	7.4-9.0	<4	Low-------	High-----	Low------	0.20		
Yamac:											
227, 228----------	0-8	0.6-2.0	0.14-0.20	6.6-8.4	<2	Low-------	High-----	Low------	0.37	5	5
	8-60	0.6-2.0	0.14-0.20	7.9-8.4	<4	Low-------	High-----	Low------	0.37		
229, 230----------	0-8	0.6-2.0	0.12-0.18	6.6-8.4	<2	Low-------	High-----	Low------	0.32	5	6
	8-60	0.6-2.0	0.14-0.20	7.9-8.4	<4	Low-------	High-----	Low------	0.37		
Yawdim:											
[1]231:											
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
Rentsac part----	0-7	2.0-6.0	0.10-0.14	6.6-8.4	<2	Low-------	High-----	Low------	0.20	1	8
	7-18	2.0-6.0	0.04-0.10	7.4-8.4	<4	Low-------	High-----	Low------	0.24		
	18	---	---	---	---	----------	---------	---------	---		
Cabbart part----	0-3	0.6-2.0	0.16-0.22	7.4-8.4	<4	Low-------	High-----	Low------	0.37	2	5
	3-18	0.6-2.0	0.12-0.20	7.4-8.4	2-8	Moderate	High-----	Low------	0.37		
	18	---	---	---	---	----------	---------	---------	---		

See footnote at end of table.

TABLE 5.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink-swell potential	Risk of corrosion: Uncoated steel	Risk of corrosion: Concrete	Erosion factors: K	Erosion factors: T	Wind erodibility group
	In	In/hr	In/in	pH	Mmhos/cm						
Yawdim:											
[1]232:											
Yawdim part-----	0-16	0.06-0.2	0.14-0.19	7.4-8.4	<2	High------	High-----	Low------	0.32	2	4L
	16	---	---	---	---	----------	---------	---------	---		
Rock outcrop part.											
Yetull:											
233----------	0-15	6.0-20.0	0.06-0.10	6.6-7.8	<2	Low-------	High-----	Low------	0.15	5	2
	15-66	6.0-20.0	0.03-0.07	7.4-8.4	<8	Low-------	High-----	Low------	0.15		

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 6.--SOIL AND WATER FEATURES

[Absence of an entry indicates the feature is not a concern. See text for descriptions of symbols and such terms as "rare," "brief," and "perched." The symbol < means less than; > means greater than]

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Abor:										
1	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
12, 13:										
Abor part	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Yawdim part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Absarokee:										
4, 5, 6	C	None	---	---	>6.0	---	---	20-40	Hard	Low.
17:										
Absarokee part	C	None	---	---	>6.0	---	---	20-40	Hard	Low.
Borky part	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Blythe part	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
18:										
Absarokee part	C	None	---	---	>6.0	---	---	20-40	Hard	Low.
Sinnigam part	C	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Absher:										
19:										
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.
110:										
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.
Nobe part	D	Rare	---	---	>6.0	---	---	>60	---	Low.
Acel:										
11, 12	D	None	---	---	>6.0	---	---	>60	---	Low.
Adel:										
13	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Aquepts:										
114:										
Aquepts part	A	None	---	---	1.0-3.0	Apparent	Apr-Nov	>60	---	High.
Aquolls part	A	None	---	---	1.0-3.0	Apparent	Mar-Sep	>60	---	High.
Assinniboine:										
15, 16	B	None	---	---	>6.0	---	---	>60	---	Moderate.
117:										
Assinniboine part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.
Azaar:										
18	C	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Benz:										
19, 20	D	Rare	---	---	>6.0	---	---	>60	---	Moderate.
Big Timber:										
121, 122:										
Big Timber part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Big Timber:										
Castner part---	C	None--------	---	---	>6.0	---	---	6-20	Hard	Moderate.
Binna:										
23, 24, 25, 26---	B	None--------	---	---	>6.0	---	---	>60	---	Low.
[1]27:										
Binna part-----	B	None--------	---	---	>6.0	---	---	>60	---	Low.
Evanston part--	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Bitton:										
[1]28:										
Bitton part----	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Roy part-------	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Blythe:										
29, 30, 31-------	D	None--------	---	---	>6.0	---	---	20-40	Rippable	Low.
Borky:										
[1]32:										
Borky part-----	C	None--------	---	---	>6.0	---	---	20-40	Rippable	Low.
Sinnigam part--	C	None--------	---	---	>6.0	---	---	10-20	Hard	Moderate.
Bridger:										
33, 34-----------	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Cargill:										
35---------------	C	None--------	---	---	>6.0	---	---	20-40	Rippable	Moderate.
[1]36:										
Cargill part---	C	None--------	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Cabbart part---	D	None--------	---	---	>6.0	---	---	10-20	Rippable	Moderate.
Castner:										
37, [1]38----------	C	None--------	---	---	>6.0	---	---	6-20	Hard	Moderate.
[1]39:										
Castner part---	C	None--------	---	---	>6.0	---	---	6-20	Hard	Moderate.
Perma part-----	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Rock outcrop part.										
[1]40:										
Castner part---	D	None--------	---	---	>6.0	---	---	6-20	Hard	Moderate.
Reeder part----	B	None--------	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Cheadle:										
41---------------	C	None--------	---	---	>6.0	---	---	8-20	Hard	Moderate.
[1]42:										
Cheadle part---	C	None--------	---	---	>6.0	---	---	8-20	Hard	Moderate.
Hilger part----	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.
[1]43:										
Cheadle part---	C	None--------	---	---	>6.0	---	---	8-20	Hard	Moderate.
Loggert part---	A	None--------	---	---	>6.0	---	---	>60	---	Moderate.
Crago:										
44, 45-----------	B	None--------	---	---	>6.0	---	---	>60	---	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Crago:										
[1]46:										
Crago part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Yawdim part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Danvers:										
47	C	None	---	---	>6.0	---	---	>60	---	Low.
Darret:										
48	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]49, [1]50:										
Darret part	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
Dast:										
[1]51:										
Dast part	C	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Rentsac part	C	None	---	---	>6.0	---	---	4-20	Hard	Moderate.
Delpoint:										
52	C	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Dooley:										
53, 54, 55	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Dutton:										
56, 57	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Eltsac:										
58, 59	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]60:										
Eltsac part	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Lisam part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Ernem:										
61, 62	C	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Ervide:										
63, 64	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Ethridge:										
65, 66	B	None	---	---	>6.0	---	---	>60	---	Low.
[1]67, [1]68:										
Ethridge part	B	None	---	---	>6.0	---	---	>60	---	Low.
Kobar part	C	None	---	---	>6.0	---	---	>60	---	Low.
Evanston:										
69, 70, 71, 72	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Fairfield:										
73, 74	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Farnuf:										
75, 76, 77	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Fergus:										
78, 79, 80	B	None	---	---	>6.0	---	---	>60	---	Low.
[1]81:										
Fergus part	B	None	---	---	>6.0	---	---	>60	---	Low.
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Floweree:										
182	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Fluventic Haplaquolls:										
183	D	Occasional	Brief	Apr-Jun	0.6-3.0	Apparent	Feb-Nov	>60	---	High.
Fluventic Haploborolls:										
184	B	Occasional	Brief	Apr-Jun	>6.0	---	---	>60	---	Moderate.
Gerber:										
85	D	None	---	---	>6.0	---	---	>60	---	Low.
186:										
Gerber part	D	None	---	---	>6.0	---	---	>60	---	Low.
Acel part	D	None	---	---	>6.0	---	---	>60	---	Low.
187, 188:										
Gerber part	D	None	---	---	>6.0	---	---	>60	---	Low.
Lawther part	D	None	---	---	>6.0	---	---	>60	---	Low.
Glendive:										
89	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
Hanson:										
90	B	None	---	---	>6.0	---	---	>60	---	Moderate.
191, 192:										
Hanson part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Sheege part	D	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
193:										
Hanson part	A	None	---	---	>6.0	---	---	>60	---	Moderate.
Skaggs part	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Harlem:										
94, 95	C	Rare	---	---	>6.0	---	---	>60	---	Low.
Havre:										
96, 97	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
98	C	Rare	---	---	4.0-5.0	Apparent	May-Aug	>60	---	Moderate.
Hilger:										
99, 100	B	None	---	---	>6.0	---	---	>60	---	Moderate.
1101:										
Hilger part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
Hillon:										
102	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Ipano:										
103	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
1104:										
Ipano part	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
1105, 1106:										
Ipano part	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Ipano:										
Hillon part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]107, [1]108:										
Ipano part	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Ticell part	C	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Judith:										
109, 110	B	None	---	---	>6.0	---	---	>60	---	Moderate.
111	C	None	---	---	>6.0	---	---	40-60	Rippable	Moderate.
Kevin:										
[1]112:										
Kevin part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Hillon part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]113:										
Kevin part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Scobey part	C	None	---	---	>6.0	---	---	>60	---	Low.
Kobar:										
114, 115, 116	C	None	---	---	>6.0	---	---	>60	---	Low.
[1]117:										
Kobar part	C	None	---	---	>6.0	---	---	>60	---	Low.
Marias part	D	None	---	---	>6.0	---	---	>60	---	Low.
Korent:										
118	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
Lallie:										
119	D	Frequent	Long	Apr-Jun	1.0-3.0	Apparent	Sep-Jun	>60	---	High.
Lambeth:										
[1]120:										
Lambeth part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Floweree part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]121:										
Lambeth part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Lothair part	C	None	---	---	>6.0	---	---	>60	---	Low.
Lawther:										
122, 123	D	None	---	---	>6.0	---	---	>60	---	Low.
[1]124:										
Lawther part	D	None	---	---	>6.0	---	---	>60	---	Low.
Gerber part	D	None	---	---	>6.0	---	---	>60	---	Low.
Lennep:										
[1]125:										
Lennep part	C	None	---	---	>6.0	---	---	>60	---	Low.
Nobe part	D	Rare	---	---	>6.0	---	---	>60	---	Low.
Libeg:										
126	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Lihen:										
127, 128	A	None	---	---	>6.0	---	---	>60	---	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Linnet:										
[1]129, [1]130:										
Linnet part	D	None	---	---	>6.0	---	---	>60	---	Low.
Acel part	D	None	---	---	>6.0	---	---	>60	---	Low.
[1]131, [1]132:										
Linnet part	D	None	---	---	>6.0	---	---	>60	---	Low.
Marias part	D	None	---	---	>6.0	---	---	>60	---	Low.
Lisam:										
[1]133:										
Lisam part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Rock outcrop part.										
Loberg:										
134	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]135:										
Loberg part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Cheadle part	C	None	---	---	>6.0	---	---	8-20	Hard	Moderate.
Loggert:										
136, 137	A	None	---	---	>6.0	---	---	>60	---	Moderate.
Lothair:										
138	C	None	---	---	>6.0	---	---	>60	---	Low.
Marias:										
139, 140, 141	D	None	---	---	>6.0	---	---	>60	---	Low.
Marmarth:										
142	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Marvan:										
143, 144	D	None	---	---	>6.0	---	---	>60	---	Low.
145	D	None	---	---	2.5-5.0	Apparent	Jun-Aug	>60	---	Low.
McKenzie:										
146, 147	D	Common	Long	Mar-Jun	>6.0	---	---	>60	---	Low.
Monad:										
148, 149	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]150:										
Monad part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Libeg part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Pendroy:										
151, 152, 153	D	None	---	---	>6.0	---	---	>60	---	Low.
Perma:										
154	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Pylon:										
155	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Raynesford:										
156, 157	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]158, [1]159:										
Raynesford part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Skaggs part	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Raynesford:										
[1]160:										
Raynesford part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Sheege part	D	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Reeder:										
161, 162	B	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
Reeder variant:										
163	B	None	---	---	>6.0	---	---	20-40	Hard	Moderate.
Rentsac:										
[1]164:										
Rentsac part	C	None	---	---	>6.0	---	---	4-20	Hard	Moderate.
Ethridge part	B	None	---	---	>6.0	---	---	>60	---	Low.
Rivra:										
165	A	Common	Brief to long.	Apr-Jun	0-5.0	Apparent	Apr-Jul	>60	---	Low.
Rothiemay:										
166, 168	B	None	---	---	>6.0	---	---	>60	---	Moderate.
167	A	None	---	---	2.5-5.0	Apparent	May-Sep	>60	---	High.
[1]169, [1]170:										
Rothiemay part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Binna part	B	None	---	---	>6.0	---	---	>60	---	Low.
Ryell:										
171	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
[1]172:										
Ryell part	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
Rivra part	A	Common	Brief to long.	Apr-Jun	0-5.0	Apparent	Apr-Jul	>60	---	Low.
Scobey:										
173	C	None	---	---	>6.0	---	---	>60	---	Low.
[1]174:										
Scobey part	C	None	---	---	>6.0	---	---	>60	---	Low.
Kevin part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Shane:										
175	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]176:										
Shane part	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Nobe part	D	Rare	---	---	>6.0	---	---	>60	---	Low.
Shawa:										
177, 178	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Sheege:										
179	D	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
[1]180:										
Sheege part	D	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Rock outcrop part.										

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Sheege:										
[1]181:										
Sheege part	D	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Whitore part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Sinnigam:										
182	C	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Straw:										
183	B	Rare	---	---	>6.0	---	---	>60	---	Moderate.
184	A	Occasional	Brief	Mar-Jun	>6.0	---	---	>60	---	Moderate.
[1]185:										
Straw part	A	Occasional	Brief	Mar-Jun	>6.0	---	---	>60	---	Moderate.
Rivra part	A	Common	Brief to long.	Apr-Jun	0-5.0	Apparent	Apr-Jul	>60	---	Low.
Tally:										
186, 187, 188, 189	B	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]190:										
Tally part	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
Tanna:										
191, 192, 193	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]194:										
Tanna part	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Wabek part	A	None	---	---	>6.0	---	---	>60	---	Low.
Terrad:										
195, 196	D	None	---	---	>6.0	---	---	40-60	Rippable	Low.
Thebo:										
197, 198	D	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Ticell:										
[1]199:										
Ticell part	C	None	---	---	>6.0	---	---	10-20	Hard	Moderate.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
Tigeron:										
[1]200:										
Tigeron part	A	None	---	---	>6.0	---	---	>60	---	Moderate.
Loggert part	A	None	---	---	>6.0	---	---	>60	---	Moderate.
Timberg:										
201, 202	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]203:										
Timberg part	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Big Timber part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
[1]204:										
Timberg part	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Castner part	C	None	---	---	>6.0	---	---	6-20	Hard	Moderate.
Torex:										
205	A	None	---	---	>6.0	---	---	>60	---	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Turner: 206	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Twin Creek: 207, 208	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Vanda: 209	D	None	---	---	>6.0	---	---	>60	---	Low.
210	D	None	---	---	0-2.0	Apparent	Apr-Aug	>60	---	Moderate.
Virgelle: 211	C	None	---	---	>6.0	---	---	>60	---	Moderate.
[1]212:										
Virgelle part	C	None	---	---	>6.0	---	---	>60	---	Moderate.
Absher part	D	None	---	---	>6.0	---	---	>60	---	Low.
Wabek: 213	A	None	---	---	>6.0	---	---	>60	---	Low.
Waybe:										
[1]214:										
Waybe part	D	None	---	---	>6.0	---	---	10-20	Rippable	Moderate.
Bynum part	C	None	---	---	>6.0	---	---	20-40	Rippable	Moderate.
[1]215:										
Waybe part	D	None	---	---	>6.0	---	---	10-20	Rippable	Moderate.
Rock outcrop part.										
Whitore: 216	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Winifred: 217, 218	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
[1]219:										
Winifred part	C	None	---	---	>6.0	---	---	20-40	Rippable	Low.
Yawdim part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Woosley: 220, 221	C	None	---	---	>6.0	---	---	20-40	Hard	Moderate.
Work: 222, 223, 224, 225	C	None	---	---	>6.0	---	---	>60	---	Low.
[1]226:										
Work part	C	None	---	---	>6.0	---	---	>60	---	Low.
Work part	C	None	---	---	>6.0	---	---	>60	---	Low.
Yamac: 227, 228, 229, 230	B	None	---	---	>6.0	---	---	>60	---	Moderate.
Yawdim:										
[1]231:										
Yawdim part	D	None	---	---	>6.0	---	---	10-20	Rippable	Low.
Rentsac part	C	None	---	---	>6.0	---	---	4-20	Hard	Moderate.
Cabbart part	D	None	---	---	>6.0	---	---	10-20	Rippable	Moderate.

See footnote at end of table.

TABLE 6.--SOIL AND WATER FEATURES--Continued

Soil name and map symbol	Hydrologic group	Flooding			High water table			Bedrock		Potential frost action
		Frequency	Duration	Months	Depth	Kind	Months	Depth	Hardness	
					Ft			In		
Yawdim:										
[1]232:										
Yawdim part----	D	None--------	---	---	>6.0	---	---	10-20	Rippable	Low.
Rock outcrop part.										
Yetull:										
233----------	A	None--------	---	---	>6.0	---	---	>60	---	Low.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 7.--CONSTRUCTION MATERIALS

[Some of the terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "good," "fair," and "poor." Absence of an entry means soil was not rated]

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Abor:				
1	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
12, 13:				
Abor part	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Yawdim part	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Absarokee:				
4, 5, 6	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
17:				
Absarokee part	Poor: slope, thin layer, low strength.	Unsuited	Unsuited	Poor: slope, too clayey, area reclaim.
Borky part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited	Poor: slope, too clayey, small stones.
Blythe part	Poor: slope, shrink-swell, low strength.	Unsuited	Unsuited	Poor: slope.
18:				
Absarokee part	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey.
Sinnigam part	Poor: thin layer, low strength, area reclaim.	Unsuited	Unsuited	Poor: small stones, area reclaim.
Absher:				
19:				
Absher part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.
Absher part	Poor: shrink-swell, low-strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.
110:				
Absher part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Absher:				
Nobe part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, area reclaim, excess sodium.
Acel:				
11, 12	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Adel:				
13	Fair: low strength.	Unsuited	Unsuited	Fair: slope, small stones.
Aquepts:				
14:				
Aquepts part	Poor: wetness, frost action.	Unsuited	Unsuited	Poor: excess salt, wetness.
Aquolls part	Poor: wetness, frost action.	Unsuited	Unsuited	Poor: excess salt, wetness.
Assinniboine:				
15, 16	Fair: frost action, low strength.	Poor: excess fines.	Unsuited	Good.
17:				
Assinniboine part	Fair: frost action.	Poor: excess fines.	Unsuited	Good.
Absher part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.
Azaar:				
18	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Benz:				
19, 20	Fair: low strength, shrink-swell, frost action.	Unsuited	Unsuited	Poor: excess sodium, excess salt.
Big Timber:				
21:				
Big Timber part	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: slope, area reclaim.
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, small stones, area reclaim.
22:				
Big Timber part	Poor: slope, low strength, thin layer.	Unsuited	Unsuited	Poor: slope, area reclaim.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Big Timber:				
Castner part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, small stones, area reclaim.
Binna:				
23, 24, 25, 26	Good	Fair: excess fines.	Fair: excess fines.	Fair: small stones, excess sodium.
[1]27:				
Binna part	Good	Fair: excess fines.	Fair: excess fines.	Fair: small stones, excess sodium.
Evanston part	Fair: shrink-swell, frost action, low strength.	Unsuited	Unsuited	Fair: too clayey.
Bitton:				
[1]28:				
Bitton part	Poor: slope.	Unsuited	Poor: excess fines.	Poor: slope, large stones.
Roy part	Poor: slope.	Unsuited	Unsuited	Poor: slope, large stones, small stones.
Blythe:				
29, 30	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: area reclaim.
31	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: slope, area reclaim.
Borky:				
[1]32:				
Borky part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: too clayey, small stones, large stones.
Sinnigam part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: small stones, large stones, area reclaim.
Bridger:				
33	Fair: frost action, shrink-swell, low strength.	Unsuited	Poor: excess fines.	Fair: too clayey.
34	Fair: slope, frost action, low strength.	Unsuited	Poor: excess fines.	Poor: slope.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Cargill:				
35	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
[1]36:				
Cargill part	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Cabbart part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Castner:				
37, [1]38	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: area reclaim.
[1]39:				
Castner part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, area reclaim.
Perma part	Poor: slope.	Poor: excess fines.	Poor: excess fines.	Poor: slope, small stones.
Rock outcrop part.				
[1]40:				
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, large stones, area reclaim.
Reeder part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim, slope.
Cheadle:				
41	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: large stones, thin layer.
[1]42:				
Cheadle part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited	Poor: large stones, slope, thin layer.
Hilger part	Poor: slope.	Unsuited	Unsuited	Poor: slope, large stones.
[1]43:				
Cheadle part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited	Poor: large stones, slope, thin layer.
Loggert part	Poor: slope, large stones.	Unsuited	Unsuited	Poor: slope, large stones.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Crago:				
44, 45	Good	Poor: excess fines.	Fair: excess fines.	Poor: small stones.
[1]46:				
Crago part	Poor: slope.	Poor: excess fines.	Fair: excess fines.	Poor: slope, small stones.
Yawdim part	Poor: thin layer, shrink-swell, slope.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Danvers:				
47	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Darret:				
48	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Fair: slope, too clayey, area reclaim.
[1]49, [1]50:				
Darret part	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: area reclaim.
Dast:				
[1]51:				
Dast part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Rentsac part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: thin layer, area reclaim, small stones.
Delpoint:				
52	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Dooley:				
53, 54	Poor: low strength.	Unsuited	Unsuited	Good.
55	Poor: low strength.	Unsuited	Unsuited	Fair: slope.
Dutton:				
56, 57	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Eltsac:				
58, 59	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Eltsac:				
160:				
Eltsac part	Poor: slope, shrink-swell, low strength.	Unsuited	Unsuited	Poor: slope, too clayey, area reclaim.
Lisam part	Poor: thin layer, shrink-swell, slope.	Unsuited	Unsuited	Poor: too clayey, slope, area reclaim.
Ernem:				
61	Poor: thin layer, low strength, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
62	Poor: thin layer, large stones, low strength.	Unsuited	Unsuited	Poor: large stones, area reclaim.
Ervide:				
63, 64	Poor: thin layer, area reclaim.	Poor: excess fines.	Unsuited	Poor: area reclaim.
Ethridge:				
65, 66	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
167, 168:				
Ethridge part	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
Kobar part	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.
Evanston:				
69, 70, 71	Fair: shrink-swell, frost action, low strength.	Unsuited	Unsuited	Fair: too clayey.
72	Fair: frost action, low strength, shrink-swell.	Unsuited	Unsuited	Poor: small stones.
Fairfield:				
73, 74	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
Farnuf:				
75, 76, 77	Fair: shrink-swell, frost action, low strength.	Unsuited	Unsuited	Good.
Fergus:				
78, 79, 80	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.
181:				
Fergus part	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Fergus:				
Absher part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.
Floweree:				
[1]82	Poor: low strength.	Unsuited	Unsuited	Good.
Fluventic Haplaquolls: [1]83.				
Fluventic Haploborolls: [1]84.				
Gerber:				
85	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
[1]86:				
Gerber part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Acel part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
[1]87, [1]88:				
Gerber part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Lawther part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Glendive:				
89	Fair: frost action, low strength.	Poor: excess fines.	Unsuited	Fair: excess salt.
Hanson:				
90	Fair: frost action, low strength.	Unsuited	Unsuited	Fair: slope, small stones.
[1]91:				
Hanson part	Fair: frost action, low strength.	Unsuited	Unsuited	Fair: slope, small stones.
Sheege part	Poor: thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: large stones, area reclaim.
[1]92:				
Hanson part	Poor: slope.	Unsuited	Unsuited	Poor: slope.
Sheege part	Poor: slope, thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: slope, large stones, area reclaim.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Hanson:				
[1]93:				
Hanson part	Fair: slope, frost action.	Unsuited	Unsuited	Poor: large stones, small stones.
Skaggs part	Poor: slope, thin layer, low strength.	Unsuited	Unsuited	Poor: slope, large stones, area reclaim.
Harlem:				
94	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.
95	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Poor: too clayey.
Havre:				
96, 97	Fair: frost action, low strength.	Unsuited	Unsuited	Good.
98	Fair: frost action, low strength, wetness.	Unsuited	Unsuited	Poor: excess salt.
Hilger:				
99	Fair: large stones.	Unsuited	Unsuited: large stones.	Poor: large stones.
100	Poor: slope, large stones.	Unsuited	Unsuited: large stones.	Poor: large stones, slope.
[1]101:				
Hilger part	Poor: slope, large stones.	Unsuited	Unsuited	Poor: slope, large stones.
Castner part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, small stones, area reclaim.
Hillon:				
102	Poor: slope, low strength.	Unsuited	Unsuited	Poor: slope.
Ipano:				
103	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
[1]104:				
Ipano part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: small stones, area reclaim.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Ipano:				
[1]105, [1]106:				
Ipano part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Hillon part	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey, excess sodium.
[1]107, [1]108:				
Ipano part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Ticell part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Judith:				
109, 110	Fair: frost action, low strength.	Poor: excess fines.	Fair: excess fines.	Fair: too clayey.
111	Fair: area reclaim, frost action, low strength.	Unsuited	Unsuited: thin layer.	Fair: too clayey.
Kevin:				
[1]112:				
Kevin part	Poor: low strength.	Unsuited	Unsuited	Fair: slope, too clayey.
Hillon part	Poor: low strength.	Unsuited	Unsuited	Fair: slope, too clayey, excess sodium.
[1]113:				
Kevin part	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
Scobey part	Poor: low strength.	Unsuited	Unsuited	Poor: too clayey.
Kobar:				
114, 115, 116	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.
[1]117:				
Kobar part	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Fair: too clayey.
Marias part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Korent:				
118	Fair: low strength, frost action.	Unsuited	Unsuited	Poor: excess sodium.
Lallie:				
119	Poor: wetness, frost action.	Unsuited	Unsuited[2]	Poor: wetness.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Lambeth:				
[1]120:				
Lambeth part	Fair: frost action, low strength.	Unsuited	Unsuited	Good.
Floweree part	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
[1]121:				
Lambeth part	Poor: slope.	Unsuited	Unsuited	Poor: slope.
Lothair part	Poor: slope, low strength, shrink-swell.	Unsuited	Unsuited	Poor: slope.
Lawther:				
122, 123	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
[1]124:				
Lawther part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Gerber part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Lennep:				
[1]125:				
Lennep part	Severe: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess sodium.
Nobe part	Poor: shrink-swell, low strength, area reclaim.	Unsuited	Unsuited	Poor: excess sodium, too clayey.
Libeg:				
126	Fair: shrink-swell, low strength.	Unsuited	Poor: excess fines.	Poor: small stones.
Lihen:				
127, 128	Fair: frost action.	Poor: excess fines.	Unsuited	Fair: too sandy.
Linnet:				
[1]129, [1]130:				
Linnet part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Acel part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
[1]131, [1]132:				
Linnet part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Linnet:				
Marias part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Lisam:				
1133:				
Lisam part	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: too clayey, slope, area reclaim.
Rock outcrop part.				
Loberg:				
134	Poor: slope, large stones.	Unsuited	Unsuited	Poor: slope, large stones, small stones.
1135:				
Loberg part	Poor: slope, large stones.	Unsuited	Unsuited	Poor: slope, large stones, small stones.
Cheadle part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited	Poor: large stones, slope, thin layer.
Loggert:				
136	Poor: large stones.	Unsuited	Unsuited	Poor: large stones.
137	Poor: slope, large stones.	Unsuited	Unsuited	Poor: slope, large stones.
Lothair:				
138	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Poor: slope, too clayey.
Marias:				
139, 140, 141	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Marmarth:				
142	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Marvan:				
143, 144, 145	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
McKenzie:				
146, 147	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey.
Monad:				
148	Fair: low strength, frost action, shrink-swell.	Unsuited	Unsuited	Good.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Monad:				
149	Fair: slope, low strength, frost action.	Unsuited	Unsuited	Poor: slope.
[1]150:				
Monad part	Poor: slope.	Unsuited	Unsuited	Poor: slope.
Libeg part	Poor: slope.	Unsuited	Unsuited	Poor: small stones.
Pendroy:				
151, 152, 153	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Poor: too clayey.
Perma:				
154	Fair: frost action, large stones.	Poor: excess fines.	Poor: excess fines.	Poor: large stones.
Pylon:				
155	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Raynesford:				
156	Poor: low strength.	Unsuited	Unsuited	Fair: slope.
157	Poor: slope, low strength.	Unsuited	Unsuited	Poor: slope.
[1]158:				
Raynesford part	Poor: low strength.	Unsuited	Unsuited	Good.
Skaggs part	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
[1]159:				
Raynesford part	Poor: low strength.	Unsuited	Unsuited	Fair: slope.
Skaggs part	Poor: low strength.	Unsuited	Unsuited	Poor: area reclaim.
[1]160:				
Raynesford part	Poor: low strength.	Unsuited	Unsuited	Fair: slope.
Sheege part	Poor: thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: large stones, area reclaim.
Reeder:				
161	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Reeder:				
162	Fair: shrink-swell, frost action.	Unsuited	Unsuited	Poor: area reclaim.
Reeder variant:				
163	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Rentsac:				
[1]164:				
Rentsac part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: area reclaim, small stones.
Ethridge part	Poor: low strength.	Unsuited	Unsuited	Fair: slope, too clayey.
Rivra:				
165	Good	Unsuited	Good	Poor: small stones.
Rothiemay:				
166, 168	Poor: low strength.	Unsuited	Unsuited	Good.
167	Poor: wetness, frost action, low strength.	Unsuited	Unsuited	Severe: wetness.
[1]169:				
Rothiemay part	Poor: low strength.	Unsuited	Unsuited	Good.
Binna part	Good	Unsuited	Fair: excess fines.	Poor: excess sodium.
[1]170:				
Rothiemay part	Poor: low strength.	Unsuited	Unsuited	Fair: excess sodium.
Binna part	Good	Unsuited	Fair: excess fines.	Poor: excess sodium.
Ryell:				
171	Fair: frost action.	Good	Good	Good.
[1]172:				
Ryell part	Fair: frost action.	Good	Good	Good.
Rivra part	Good	Unsuited	Good	Poor: small stones.
Scobey:				
173	Poor: low strength.	Unsuited	Unsuited	Poor: too clayey.
[1]174:				
Scobey part	Poor: low strength.	Unsuited	Unsuited	Poor: too clayey.
Kevin part	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Shane:				
175	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
[1]176:				
Shane part	Poor: shrink-swell, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Nobe part	Poor: shrink-swell, low strength, area reclaim.	Unsuited	Unsuited	Poor: excess sodium, area reclaim.
Shawa:				
177	Fair: low strength, frost action.	Unsuited	Unsuited	Good.
178	Fair: low strength, frost action.	Unsuited	Unsuited	Poor: slope.
Sheege:				
179	Poor: thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: large stones, area reclaim.
[1]180:				
Sheege part	Poor: slope, thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: slope, large stones, area reclaim.
Rock outcrop part.				
[1]181:				
Sheege part	Poor: slope, thin layer, area reclaim.	Unsuited: thin layer.	Unsuited: thin layer.	Poor: slope, large stones, area reclaim.
Whitore part	Poor: slope, low strength.	Unsuited	Unsuited	Poor: slope, small stones.
Sinnigam:				
182	Poor: thin layer, low strength, area reclaim.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Straw:				
183	Fair: low strength, shrink-swell, frost action.	Unsuited	Unsuited	Good.
184	Fair: frost action, low strength.	Unsuited	Unsuited	Fair: too clayey.
[1]185:				
Straw part	Fair: frost action, low strength.	Unsuited	Unsuited	Good.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Straw:				
Rivra part	Good	Good	Good	Poor: small stones.
Tally:				
186, 187, 189	Fair: frost action.	Poor: excess fines.	Unsuited	Good.
188	Fair: frost action.	Poor: excess fines.	Unsuited	Fair: slope.
[1]190:				
Tally part	Fair: slope, frost action.	Poor: excess fines.	Unsuited	Poor: slope.
Castner part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, small stones, area reclaim.
Tanna:				
191, 192	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Fair: too clayey, area reclaim.
193	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Fair: slope, too clayey, area reclaim.
[1]194:				
Tanna part	Poor: low strength, thin layer, area reclaim.	Unsuited	Unsuited	Fair: too clayey, area reclaim.
Wabek part	Good	Fair: excess fines.	Fair: excess fines.	Poor: small stones.
Terrad:				
195, 196	Poor: low strength, shrink-swell.	Unsuited	Unsuited	Poor: too clayey.
Thebo:				
197, 198	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Ticell:				
[1]199:				
Ticell part	Poor: thin layer, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: small stones, area reclaim.
Tigeron:				
[1]200:				
Tigeron part	Fair: frost action.	Unsuited	Unsuited	Poor: small stones.
Loggert part	Poor: large stones.	Unsuited	Unsuited	Poor: large stones.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Timberg:				
201, 202	Poor: slope, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
[1]203:				
Timberg part	Poor: slope, low strength, thin layer.	Unsuited	Unsuited	Poor: slope, too clayey, area reclaim.
Big Timber part	Poor: slope, low strength, thin layer.	Unsuited	Unsuited	Poor: slope, area reclaim.
[1]204:				
Timberg part	Poor: slope, low strength, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Castner part	Poor: thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: small stones, area reclaim.
Torex:				
205	Fair: frost action, low strength.	Poor: excess fines.	Unsuited	Fair: too sandy.
Turner:				
206	Good	Fair: excess fines.	Fair: excess fines.	Fair: small stones.
Twin Creek:				
207	Poor: low strength.	Unsuited	Unsuited	Good.
208	Poor: low strength.	Unsuited	Unsuited	Fair: too clayey.
Vanda:				
209	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess sodium.
210	Poor: shrink-swell, low strength, wetness.	Unsuited	Unsuited	Poor: too clayey, excess sodium, wetness.
Virgelle:				
211	Poor: low strength.	Poor: excess fines.	Unsuited	Fair: too sandy.
[1]212:				
Virgelle part	Poor: low strength.	Poor: excess fines.	Unsuited	Fair: too sandy.
Absher part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: too clayey, excess salt.
Wabek:				
213	Good	Fair: excess fines.	Fair: excess fines.	Poor: small stones.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Waybe:				
[1]214:				
Waybe part	Poor: slope, thin layer, low strength.	Unsuited	Unsuited	Poor: slope, area reclaim.
Bynum part	Poor: slope.	Unsuited	Unsuited	Poor: slope, area reclaim.
[1]215:				
Waybe part	Poor: thin layer, slope, low strength.	Unsuited	Unsuited	Poor: slope, large stones, area reclaim.
Rock outcrop part.				
Whitore:				
216	Poor: slope, low strength.	Unsuited	Unsuited	Poor: slope, small stones.
Winifred:				
217, 218	Poor: low strength, thin layer, shrink-swell.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
[1]219:				
Winifred part	Poor: low strength, thin layer, slope.	Unsuited	Unsuited	Poor: slope, too clayey, area reclaim.
Yawdim part	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: area reclaim.
Woosley:				
220	Poor: thin layer, low strength, area reclaim.	Unsuited	Unsuited	Poor: area reclaim.
221	Poor: thin layer, low strength, area reclaim.	Unsuited	Unsuited	Poor: slope, area reclaim.
Work:				
222, 223, 224	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Fair: too clayey.
225	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Fair: slope, too clayey.
[1]226:				
Work part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: slope.
Work part	Poor: shrink-swell, low strength.	Unsuited	Unsuited	Poor: slope.

See footnotes at end of table.

TABLE 7.--CONSTRUCTION MATERIALS--Continued

Soil name and map symbol	Roadfill	Sand	Gravel	Topsoil
Yamac:				
227	Fair: frost action, low strength.	Unsuited	Unsuited	Good.
228	Fair: frost action, low strength.	Unsuited	Unsuited	Fair: slope.
229, 230	Fair: frost action, low strength.	Unsuited	Unsuited	Fair: too clayey.
Yawdim:				
[1]231:				
Yawdim part	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Rentsac part	Poor: slope, thin layer, area reclaim.	Unsuited	Unsuited: thin layer.	Poor: slope, small stones, area reclaim.
Cabbart part	Poor: thin layer, slope, area reclaim.	Unsuited	Unsuited	Poor: slope, area reclaim.
[1]232:				
Yawdim part	Poor: low strength, shrink-swell, thin layer.	Unsuited	Unsuited	Poor: too clayey, area reclaim.
Rock outcrop part.				
Yetull:				
233	Good	Fair: excess fines.	Unsuited	Fair: too sandy.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.
[2]Good material below 5 feet.

TABLE 8.--WATER MANAGEMENT

[Some of the terms that describe restrictive soil features are defined in the Glossary. Absence of an entry means soil was not evaluated]

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Abor:						
1	Depth to rock	Low strength, compressible.	Complex slope, depth to rock, percs slowly.	Complex slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Percs slowly, depth to rock.
2:						
Abor part	Slope, depth to rock.	Low strength, compressible.	Complex slope, depth to rock, percs slowly.	Complex slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Complex slope, percs slowly, depth to rock.
Yawdim part	Slope, depth to rock.	Shrink-swell, compressible, thin layer.	Depth to rock, percs slowly.	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
3:						
Abor part	Slope, depth to rock.	Low strength, compressible.	Complex slope, depth to rock, percs slowly.	Complex slope, percs slowly, rooting depth.	Complex slope, depth to rock, percs slowly.	Complex slope, percs slowly, depth to rock.
Yawdim part	Slope, depth to rock.	Compressible, thin layer.	Depth to rock, percs slowly.	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Absarokee:						
4	Depth to rock	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Depth to rock	Depth to rock.
5	Slope, depth to rock.	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Depth to rock, slope.	Depth to rock, slope.
6	Slope, depth to rock.	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Complex slope, depth to rock.	Depth to rock, slope.
7:						
Absarokee part	Slope, depth to rock.	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Complex slope, depth to rock.	Depth to rock, slope.
Borky part	Slope, depth to rock.	Large stones	---	---	Slope, large stones, depth to rock.	Slope, large stones, percs slowly.
Blythe part	Slope, depth to rock.	Compressible, hard to pack, low strength.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
8:						
Absarokee part	Slope, depth to rock.	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Depth to rock, rooting depth, percs slowly.	Depth to rock, slope.
Sinnigam part	Slope, depth to rock.	Thin layer, large stones, low strength.	Slope, depth to rock.	Slope, rooting depth.	Depth to rock, large stones.	Slope, rooting depth, large stones.
Absher:						
9:						
Absher part	Favorable	Low strength, hard to pack.	Excess sodium, percs slowly, excess salt.	Excess sodium, excess salt, percs slowly.	Percs slowly, poor outlets.	Excess salt, excess sodium.
Absher part	Favorable	Low strength, hard to pack.	Excess sodium, percs slowly, excess salt.	Excess sodium, excess salt, percs slowly.	Percs slowly, poor outlets.	Excess salt, excess sodium.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Absher:						
110:						
Absher part	Favorable	Low strength, hard to pack.	Slope, excess sodium, excess salt.	Slope, excess sodium, excess salt.	Percs slowly, poor outlets.	Excess salt, excess sodium.
Nobe part	Favorable	Low strength	Slope, percs slowly, excess sodium.	Slope, percs slowly, excess sodium.	Percs slowly, poor outlets, erodes easily.	Percs slowly, excess sodium, erodes easily.
Acel:						
11	Favorable	Low strength	Percs slowly	Percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
12	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily.	Slope, percs slowly, erodes easily.
Adel:						
13	Slope, seepage.	Low strength	Slope, frost action, poor outlets.	Slope	Slope, poor outlets.	Slope.
Aquepts:						
114:						
Aquepts part	Slope	---	Slope, wetness.	---	Wetness	Slope, excess salt, wetness.
Aquolls part	Slope	---	Slope, wetness.	---	Wetness	Slope, excess salt, wetness.
Assinniboine:						
15	Seepage	Low strength	Slope, frost action.	Slope, seepage.	Soil blowing	Favorable.
16	Slope, seepage.	Low strength	Slope, frost action.	Slope, seepage.	Soil blowing, slope.	Slope.
117:						
Assinniboine part	Seepage	Low strength	Frost action	Seepage	Soil blowing	Favorable.
Absher part	Favorable	Low strength, hard to pack.	Excess sodium, percs slowly, excess salt.	Excess sodium, slow intake, excess salt.	Percs slowly, poor outlets.	Excess salt, excess sodium.
Azaar:						
18	Depth to rock	Thin layer, low strength.	Slope, depth to rock, frost action.	Slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Percs slowly, rooting depth.
Benz:						
19	Favorable	Piping, low strength.	Percs slowly, excess sodium.	Excess sodium, percs slowly.	Percs slowly	Percs slowly, excess sodium, excess salt.
20	Slope	Piping, low strength.	Percs slowly, excess sodium, slope.	Excess sodium, percs slowly, slope.	Percs slowly, slope.	Slope, excess sodium, excess salt.
Big Timber:						
121, 122:						
Big Timber part	Depth to rock, slope.	Low strength, thin layer.	---	---	Depth to rock, slope.	---
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock.	Rooting depth, slope, depth to rock.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Binna:						
23, 25	Seepage	Piping, seepage.	Slope, cutbanks cave.	Slope, seepage, droughty.	Favorable	Droughty.
24, 26	Seepage	Piping, seepage.	Cutbanks cave	Seepage, droughty.	Favorable	Droughty.
[1]27:						
Binna part	Slope, seepage.	Piping, seepage.	Slope, cutbanks cave.	Slope, seepage, droughty.	Slope	Slope, droughty.
Evanston part	Slope	Low strength	Slope, frost action.	Slope	Slope	Slope.
Bitton:						
[1]28:						
Bitton part	Seepage, slope.	Compressible, large stones, seepage.	---	---	Complex slope, large stones.	Large stones, complex slope.
Roy part	Slope, seepage.	Shrink-swell, large stones, piping.	Slope	Slope	Slope, large stones.	Slope, large stones.
Blythe:						
29	Depth to rock	Compressible, hard to pack, low strength.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Percs slowly, depth to rock.
30	Slope, depth to rock.	Compressible, hard to pack, low strength.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
31	Slope, depth to rock.	Compressible, hard to pack, low strength.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
Borky:						
[1]32:						
Borky part	Slope, depth to rock.	Large stones	---	---	Slope, large stones, depth to rock.	Slope, large stones, percs slowly.
Sinnigam part	Slope, depth to rock.	Large stones, thin layer, piping.	---	---	Slope, depth to rock, large stones.	Slope, rooting depth, large stones.
Bridger:						
33, 34	Slope, seepage.	Piping, low strength.	Slope, frost action.	Slope, seepage.	Slope.	Slope.
Cargill:						
35	Depth to rock	Low strength, thin layer.	Complex slope, depth to rock, frost action.	Complex slope, rooting depth.	Complex slope, depth to rock.	Depth to rock.
[1]36:						
Cargill part	Slope, depth to rock.	Low strength, thin layer.	Complex slope, depth to rock, frost action.	Complex slope, rooting depth.	Complex slope, depth to rock.	Slope, depth to rock.
Cabbart part	Slope, depth to rock.	Low strength, thin layer.	---	---	Complex slope, depth to rock.	Slope, rooting depth, depth to rock.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Castner:						
37	Depth to rock	Piping, thin layer.	Depth to rock, frost action.	Rooting depth, droughty.	Depth to rock	Rooting depth, depth to rock, droughty.
138	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock.	Rooting depth, slope, depth to rock.
139:						
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock.	Rooting depth, slope, depth to rock.
Perma part	Slope, seepage.	Piping, seepage, large stones.	Slope, frost action.	Slope, seepage, large stones.	Slope, large stones.	Slope, droughty, large stones.
Rock outcrop part.						
140:						
Castner part	Slope, depth to rock.	Large stones, thin layer, piping.	---	---	Slope, depth to rock, large stones.	Rooting depth, large stones, slope.
Reeder part	Seepage, depth to rock.	Low strength	---	Rooting depth	Depth to rock	Depth to rock.
Cheadle:						
41	Slope, depth to rock.	Thin layer, large stones.	---	---	Slope, depth to rock.	Slope, rooting depth, large stones.
142:						
Cheadle part	Slope, depth to rock.	Thin layer, large stones.	---	---	Slope, depth to rock.	Slope, rooting depth, large stones.
Hilger part	Slope	Large stones, piping.	---	---	Slope, large stones.	Droughty, slope.
143:						
Cheadle part	Slope, depth to rock.	Thin layer, large stones.	---	---	Slope, depth to rock.	Slope, rooting depth, large stones.
Loggert part	Slope	Large stones	---	---	Slope, large stones.	Slope, large stones.
Crago:						
44	Seepage	Seepage, piping.	Cutbanks cave, frost action.	Seepage, droughty.	Favorable	Droughty.
45	Slope, seepage.	Seepage, piping.	Slope, cutbanks cave, frost action.	Slope, seepage, droughty.	Favorable	Slope, droughty.
146:						
Crago part	Slope, seepage.	Seepage, piping.	Slope, cutbanks cave, frost action.	Slope, seepage, droughty.	Slope	Slope, droughty.
Yawdim part	Slope, depth to rock.	Compressible, thin layer.	Depth to rock, percs slowly.	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Danvers:						
47	Favorable	Low strength, compressible.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Darret:						
48	Slope, depth to rock.	Low strength	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
1 49, 1 50:						
Darret part	Slope, depth to rock.	Low strength	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Depth to rock, percs slowly, slope.	Slope, percs slowly, depth to rock.
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Depth to rock, rooting depth, slope.	Rooting depth, slope.
Dast:						
1 51:						
Dast part	Slope, depth to rock, seepage.	Thin layer, seepage.	Slope, depth to rock, frost action.	Slope, droughty, seepage.	Slope, depth to rock.	Slope, droughty, depth to rock.
Rentsac part	Slope, depth to rock, seepage.	Thin layer, piping.	---	---	Slope, depth to rock.	Rooting depth, slope, depth to rock.
Delpoint:						
52	Slope, depth to rock, seepage.	Thin layer, low strength.	Complex slope, depth to rock.	Complex slope, rooting depth.	Complex slope, depth to rock, rooting depth.	Slope, depth to rock.
Dooley:						
53	Favorable	Low strength, shrink-swell.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Percs slowly.
54	Slope	Low strength, shrink-swell.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Slope, percs slowly.
55	Slope	Low strength, shrink-swell.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
Dutton:						
56	Depth to rock	Low strength, hard to pack.	Depth to rock, percs slowly.	Percs slowly, rooting depth.	Depth to rock, percs slowly.	Percs slowly, depth to rock.
57	Slope, depth to rock.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, percs slowly, rooting depth.	Depth to rock, percs slowly, slope.	Slope, percs slowly, depth to rock.
Eltsac:						
58, 59	Depth to rock, slope.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, slow intake, rooting depth.	Depth to rock, percs slowly, slope.	Percs slowly, depth to rock, slope.
1 60:						
Eltsac part	Depth to rock, slope.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, slow intake, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
Lisam part	Slope, depth to rock.	Compressible, hard to pack, thin layer.	---	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Ernem:						
61	Depth to rock	Thin layer, low strength.	Slope, depth to rock.	Slope, rooting depth, droughty.	Depth to rock	Rooting depth, droughty, depth to rock.
62	Slope, depth to rock.	Low strength, large stones, thin layer.	Slope, depth to rock.	Slope, depth to rock.	Depth to rock, large stones.	Rooting depth, droughty, depth to rock.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Ervide:						
63	Slope, seepage, depth to rock.	Piping	Slope, depth to rock.	Slope, droughty, rooting depth.	Depth to rock, soil blowing, too sandy.	Slope, droughty, depth to rock.
64	Seepage, depth to rock.	Piping	Slope, depth to rock.	Slope, droughty, rooting depth.	Depth to rock, soil blowing, too sandy.	Droughty, depth to rock.
Ethridge:						
65	Favorable	Low strength, hard to pack.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
66	Favorable	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Percs slowly.
167:						
Ethridge part	Favorable	Low strength, hard to pack.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
Kobar part	Favorable	Low strength, compressible.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
168:						
Ethridge part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.
Kobar part	Slope	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Slope, percs slowly.
Evanston:						
69	Favorable	Low strength	Slope, frost action.	Slope	Favorable	Favorable.
70	Slope	Low strength	Slope, frost action.	Slope	Slope	Slope.
71	Favorable	Low strength, shrink-swell.	Frost action	Favorable	Favorable	Favorable.
72	Slope	Low strength, shrink-swell.	Frost action, slope.	Slope	Slope	Slope.
Fairfield:						
73	Slope	Low strength	Slope	Slope	Slope	Slope.
74	Favorable	Low strength	Slope	Slope	Favorable	Favorable.
Farnuf:						
75	Slope, seepage.	Piping, low strength.	Favorable	Favorable	Slope	Slope.
76, 77	Slope, seepage.	Piping, low strength.	Slope	Slope	Slope	Slope.
Fergus:						
78	Favorable	Low strength	Slope	Slope, erodes easily.	Favorable	Erodes easily.
79	Slope	Low strength	Slope	Slope, erodes easily.	Slope	Slope, erodes easily.
80	Favorable	Low strength	Favorable	Erodes easily	Favorable	Erodes easily.
181:						
Fergus part	Favorable	Low strength	Favorable	Erodes easily	Favorable	Erodes easily.
Absher part	Favorable	Low strength, hard to pack.	Excess sodium, percs slowly, excess salt.	Excess sodium, excess salt, percs slowly.	Percs slowly, poor outlets.	Excess salt, excess sodium, percs slowly.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Floweree: [1]82	Favorable	Low strength, piping.	Slope	Slope, erodes easily.		Erodes easily.
Fluventic Haplaquolls: [1]83.						
Fluventic Haploborolls: [1]84.						
Gerber: 85	Favorable	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
[1]86: Gerber part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, slope, erodes easily.	Slope, percs slowly, erodes easily.
Acel part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, slope, erodes easily.	Slope, percs slowly,
[1]87: Gerber part	Favorable	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
Lawther part	Favorable	Compressible, low strength.	Percs slowly	Percs slowly, slow intake.	Percs slowly	Percs slowly.
[1]88: Gerber part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily.	Slope, percs slowly, erodes easily.
Lawther part	Favorable	Compressible, low strength.	Percs slowly	Percs slowly, slow intake.	Percs slowly	Percs slowly.
Glendive: 89	Seepage	Piping, low strength.	Frost action, floods.	Seepage	Favorable	Favorable.
Hanson: 90	Slope	Piping, low strength, large stones.	Slope, frost action.	Slope, large stones.	Slope, large stones.	Slope, large stones.
[1]91, [1]92: Hanson part	Slope	Piping, low strength, large stones.	Slope, frost action.	Slope, large stones.	Slope, large stones.	Slope, large stones.
Sheege part	Depth to rock, slope.	Large stones, thin layer.			Depth to rock, large stones.	Large stones, rooting depth, slope.
[1]93: Hanson part	Slope	Large stones, piping.			Slope, large stones.	Large stones, slope.
Skaggs part	Slope, depth to rock.	Low strength, large stones.			Slope, large stones, depth to rock.	Slope, large stones, rooting depth.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Harlem:						
94, 95	Favorable	Low strength, hard to pack.	Percs slowly	Percs slowly	Percs slowly, poor outlets.	Percs slowly.
Havre:						
96	Seepage	Low strength, piping.	Favorable	Favorable	Favorable	Favorable.
97	Seepage	Low strength, piping.	Slope	Slope	Favorable	Favorable.
98	Seepage	Piping, low strength.	Excess salt, floods, wetness.	Excess salt, wetness, slow intake.	Wetness	Excess salt, droughty, wetness.
Hilger:						
99, 100	Slope	Large stones, piping.	---	---	Slope, large stones.	Slope, large stones, droughty.
[1]101:						
Hilger part	Slope	Large stones, piping.	---	---	Slope, large stones.	Droughty, slope.
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock, rooting depth.	Rooting depth, slope, depth to rock.
Hillon:						
102	Slope	Low strength, piping.	Slope, frost action, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
Ipano:						
103	Depth to rock	Thin layer, piping.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Depth to rock	Depth to rock.
[1]104:						
Ipano part	Slope, depth to rock.	Thin layer, piping.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Complex slope, depth to rock.	Slope, depth to rock.
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock.	Rooting depth, slope.
[1]105:						
Ipano part	Depth to rock	Thin layer, piping.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Depth to rock, piping.	Depth to rock.
Hillon part	Favorable	Low strength, piping.	Slope, frost action, percs slowly.	Slope, percs slowly.	Percs slowly	Percs slowly.
[1]106:						
Ipano part	Slope, depth to rock.	Thin layer, piping.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Depth to rock, piping.	Slope, depth to rock.
Hillon part	Slope	Low strength, piping.	Slope, frost action, percs slowly.	Slope, percs slowly.	Percs slowly	Slope, percs slowly.
[1]107:						
Ipano part	Depth to rock	Thin layer, piping.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Depth to rock	Depth to rock.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Ipano:						
Ticell part----	Depth to rock	Thin layer, piping.	Slope, depth to rock, frost action.	Slope, rooting depth.	Depth to rock	Rooting depth, depth to rock.
[1]108:						
Ipano part-----	Slope, depth to rock.	Thin layer, piping, hard to pack.	Complex slope, frost action, depth to rock.	Complex slope, rooting depth.	Depth to rock	Slope.
Ticell part----	Slope, depth to rock.	Thin layer, piping, hard to pack.	Slope, depth to rock, frost action.	Slope, rooting depth.	Depth to rock	Slope, rooting depth, depth to rock.
Judith:						
109----------	Seepage--------	Piping, seepage.	Slope, cutbanks cave, frost action.	Slope, seepage.	Favorable------	Droughty.
110----------	Slope, seepage.	Piping, seepage.	Slope, cutbanks cave, frost action.	Slope, seepage, excess lime.	Slope----------	Slope, droughty.
111----------	Seepage, depth to rock.	Piping, seepage.	Slope, cutbanks cave, frost action.	Slope, seepage.	Depth to rock	Depth to rock.
Kevin:						
[1]112:						
Kevin part-----	Slope----------	Low strength, compressible.	Complex slope, frost action, percs slowly.	Complex slope, percs slowly.	Complex slope, percs slowly.	Complex slope, percs slowly.
Hillon part----	Slope----------	Low strength, piping.	Slope, frost action, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
[1]113:						
Kevin part-----	Slope----------	Low strength, compressible.	Complex slope, frost action, percs slowly.	Complex slope, percs slowly.	Percs slowly, slope.	Complex slope, percs slowly.
Scobey part----	Slope----------	Low strength, hard to pack.	Complex slope, percs slowly.	Complex slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.
Kobar:						
114----------	Favorable------	Low strength, compressible.	Percs slowly---	Percs slowly, slow intake.	Percs slowly---	Percs slowly.
115----------	Favorable------	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly, slow intake.	Percs slowly---	Percs slowly.
116----------	Slope----------	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly, slow intake.	Percs slowly---	Slope, percs slowly.
[1]117:						
Kobar part-----	Favorable------	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly---	Percs slowly.
Marias part----	Favorable------	Low strength, compressible, hard to pack.	Percs slowly, slope.	Slope, percs slowly, erodes easily.	Percs slowly---	Percs slowly, erodes easily.
Korent:						
118----------	Favorable------	Piping, low strength, hard to pack.	Floods, excess sodium, frost action.	Excess sodium, erodes easily.	Favorable------	Excess sodium.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Lallie:						
119	Favorable	Compressible, hard to pack.	Wetness, floods, percs slowly.	Wetness, floods, percs slowly.	Wetness, percs slowly.	Percs slowly.
Lambeth:						
[1]120:						
Lambeth part	Slope	Piping, hard to pack, low strength.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Erodes easily, percs slowly, slope.	Slope, erodes easily, percs slowly.
Floweree part	Slope	Low strength, piping.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly	Slope, percs slowly, erodes easily.
[1]121:						
Lambeth part	Slope	Piping, hard to pack, low strength.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Slope, erodes easily, percs slowly.	Slope, erodes easily, percs slowly.
Lothair part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
Lawther:						
122, 123	Favorable	Compressible, low strength.	Percs slowly	Percs slowly, slow intake.	Percs slowly	Percs slowly.
[1]124:						
Lawther part	Favorable	Compressible, low strength.	---	Percs slowly, slow intake.	Percs slowly	Percs slowly.
Gerber part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Slope, percs slowly, erodes easily.	Slope, percs slowly, erodes easily.
Lennep:						
[1]125:						
Lennep part	Slope	Low strength, hard to pack.	Slope, percs slowly, excess sodium.	Slope, excess sodium, percs slowly.	Percs slowly, slope.	Slope, percs slowly, excess sodium.
Nobe part	Slope	Low strength, hard to pack, compressible.	Slope, percs slowly, excess sodium.	Slope, percs slowly, excess sodium.	Percs slowly, poor outlets, erodes easily.	Slope, percs slowly, excess sodium.
Libeg:						
126	Slope, seepage.	Large stones, seepage, piping.	---	---	Slope, large stones.	Slope, large stones, droughty.
Lihen:						
127, 128	Seepage, slope.	Seepage, unstable fill, piping.	---	Seepage, droughty.	Too sandy, slope.	Slope, droughty.
Linnet:						
[1]129:						
Linnet part	Favorable	Low strength, compressible.	Percs slowly	Percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
Acel part	Favorable	Low strength	Percs slowly	Percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
[1]130:						
Linnet part	Slope	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily, slope.	Slope, percs slowly, erodes easily.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Linnet:						
Acel part	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, slope, erodes easily.	Slope, percs slowly, erodes easily.
[1]131:						
Linnet part	Favorable	Low strength, compressible.	Percs slowly	Percs slowly, erodes easily.	Percs slowly, erodes easily.	Percs slowly, erodes easily.
Marias part	Favorable	Low strength, compressible, hard to pack.	Percs slowly, excess salt.	Slow intake, percs slowly, erodes easily.	Percs slowly	Percs slowly, erodes easily.
[1]132:						
Linnet part	Slope	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly, erodes easily.	Percs slowly, erodes easily, slope.	Slope, percs slowly, erodes easily.
Marias part	Slope	Low strength, compressible, hard to pack.	Percs slowly, slope.	Slope, percs slowly, erodes easily.	Percs slowly, slope.	Slope, percs slowly, erodes easily.
Lisam:						
[1]133:						
Lisam part	Slope, depth to rock.	Thin layer, compressible, hard to pack.	Percs slowly	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Rock outcrop part.						
Loberg:						
134	Slope	Piping, large stones.			Slope, large stones.	Slope, large stones.
[1]135:						
Loberg part	Slope	Piping, large stones.			Slope, large stones.	Slope, large stones.
Cheadle part	Slope, depth to rock.	Thin layer, large stones, piping.			Slope, depth to rock.	Slope, rooting depth, large stones.
Loggert:						
136, 137	Slope	Large stones			Slope, large stones.	Slope, large stones.
Lothair:						
138	Slope	Low strength, piping.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
Marias:						
139	Favorable	Low strength, compressible, hard to pack.	Percs slowly	Slow intake, percs slowly, erodes easily.	Percs slowly	Percs slowly, erodes easily.
140	Favorable	Low strength, compressible, hard to pack.	Percs slowly, slope.	Slope, percs slowly, erodes easily.	Percs slowly	Percs slowly, erodes easily.
141	Slope	Low strength, compressible, hard to pack.	Percs slowly, slope.	Slope, percs slowly, erodes easily.	Percs slowly, slope.	Slope, percs slowly, erodes easily.
Marmarth:						
142	Seepage, depth to rock.	Low strength, piping.		Rooting depth	Depth to rock	Depth to rock, slope.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Marvan:						
143	Favorable	Low strength, hard to pack.	Percs slowly	Percs slowly, slow intake.	Percs slowly	Percs slowly.
144	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly, slow intake.	Percs slowly	Slope, percs slowly.
145	Favorable	Low strength, hard to pack.	Percs slowly, wetness.	Percs slowly, slow intake, wetness.	Percs slowly, wetness.	Percs slowly, wetness.
McKenzie:						
146, 147	Favorable	Compressible, low strength.	Percs slowly, poor outlets, excess sodium.	Floods, excess sodium, percs slowly.	Percs slowly	Percs slowly.
Monad:						
148	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Slope, percs slowly.
149	Slope	Low strength	Slope	Slope, erodes easily.	Slope	Slope, erodes easily.
[1]150:						
Monad part	Slope	Low strength	Slope	Slope, erodes easily.	Slope	Slope, erodes easily.
Libeg part	Slope, seepage.	Large stones, seepage, piping.	---	---	Slope, large stones.	Slope, large stones, droughty.
Pendroy:						
151	Favorable	Hard to pack, low strength.	Percs slowly	Percs slowly, slow intake.	Percs slowly	Percs slowly.
152	Slope	Hard to pack, low strength.	Slope, percs slowly.	Percs slowly, slope, slow intake.	Percs slowly	Slope, percs slowly.
153	Slope	Hard to pack, low strength.	Slope, percs slowly.	Percs slowly, slope, slow intake.	Slope, percs slowly.	Slope, percs slowly.
Perma:						
154	Slope, seepage.	Large stones, piping.	---	---	Large stones	Large stones.
Pylon:						
155	Depth to rock	Low strength, hard to pack.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Percs slowly, depth to rock.	Percs slowly, depth to rock.
Raynesford:						
156, 157	Slope	Low strength, hard to pack.	Slope, frost action.	Slope	Slope	Slope.
[1]158:						
Raynesford part	Slope	Low strength, hard to pack.	Slope, frost action.	Slope	Slope	Slope.
Skaggs part	Slope, depth to rock.	Low strength, thin layer.	Slope, depth to rock, frost action.	Slope, rooting depth.	Depth to rock	Slope, rooting depth, depth to rock.
[1]159:						
Raynesford part	Slope	Low strength, hard to pack.	Slope, frost action.	Slope	Slope	Slope.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Raynesford:						
Skaggs part	Slope, depth to rock.	Low strength, thin layer.	Slope, depth to rock, frost action.	Slope, rooting depth.	Slope, depth to rock.	Slope, rooting depth, depth to rock.
[1]160:						
Raynesford part	Slope	Low strength, hard to pack.	Slope, frost action.	Slope, excess lime.	Slope	Slope.
Sheege part	Depth to rock, slope.	Large stones, thin layer.	---	---	Depth to rock, large stones, slope.	Large stones, rooting depth, slope.
Reeder:						
161, 162	Seepage, depth to rock.	Low strength, thin layer.	Depth to rock	Rooting depth	Depth to rock	Depth to rock.
Reeder variant:						
163	Depth to rock	Thin layer, low strength.	Slope, depth to rock, frost action.	Slope, rooting depth, erodes easily.	Depth to rock	Erodes easily, depth to rock.
Rentsac:						
[1]164:						
Rentsac part	Slope, depth to rock, seepage.	Thin layer, piping.	---	---	Slope, depth to rock.	Rooting depth, slope, depth to rock.
Ethridge part	Slope	Low strength, hard to pack.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
Rivra:						
165	Seepage	Seepage, piping.	Floods, cutbanks cave, poor outlets.	Floods, seepage, wetness.	Poor outlets, wetness.	Wetness.
Rothiemay:						
166, 168	Favorable	Hard to pack, low strength, piping.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
167	Slope	Low strength, piping, hard to pack.	Slope, wetness, percs slowly.	Slope, wetness, percs slowly.	Wetness, percs slowly, slope.	Slope, wetness, percs slowly.
[1]169:						
Rothiemay part	Favorable	Hard to pack, low strength, piping.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Percs slowly.
Binna part	Seepage	Piping, seepage.	Slope, cutbanks cave.	Slope, seepage, erodes easily.	Slope	Erodes easily, slope.
[1]170:						
Rothiemay part	Slope	Hard to pack, low strength, piping.	Slope, percs slowly.	Slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.
Binna part	Slope, seepage.	Piping, seepage.	Slope, cutbanks cave.	Slope, seepage, erodes easily.	Slope	Slope, erodes easily.
Ryell:						
171	Seepage	Piping, low strength.	Cutbanks cave	Seepage, droughty.	Favorable	Droughty.
[1]172:						
Ryell part	Seepage	Piping, hard to pack.	Floods, cutbanks cave.	Seepage, droughty.	Favorable	Droughty.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Ryell:						
Rivra part	Seepage	Seepage, piping.	Floods, cutbanks cave, poor outlets.	Floods, seepage, wetness.	Poor outlets, wetness.	Wetness.
Scobey:						
173	Favorable	Low strength, hard to pack.	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
[1]174:						
Scobey part	Favorable	Low strength, hard to pack.	Complex slope, percs slowly.	Complex slope, percs slowly.	Percs slowly	Percs slowly.
Kevin part	Favorable	Low strength, compressible.	Complex slope, frost action, percs slowly.	Complex slope, percs slowly.	Percs slowly	Percs slowly.
Shane:						
175	Slope, depth to rock.	Low strength, hard to pack.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
[1]176:						
Shane part	Slope, depth to rock.	Low strength, hard to pack.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
Nobe part	Slope	Low strength, compressible.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly, poor outlets.	Slope, percs slowly.
Shawa:						
177, 178	Slope, seepage.	Low strength, piping.	Slope, poor outlets.	Slope	Slope	Slope.
Sheege:						
179	Depth to rock, slope.	Large stones, thin layer.			Depth to rock, large stones.	Large stones, rooting depth, slope.
[1]180:						
Sheege part	Depth to rock, slope.	Large stones, thin layer.			Depth to rock, large stones.	Large stones, rooting depth, slope.
Rock outcrop part.						
[1]181:						
Sheege part	Depth to rock, slope.	Large stones, thin layer.			Depth to rock, large stones.	Large stones, rooting depth, slope.
Whitore part	Slope	Low strength, piping.	Slope, frost action.	Slope	Slope	Slope.
Sinnigam:						
182	Depth to rock	Thin layer, large stones, low strength.	Slope, depth to rock.	Slope, rooting depth.	Depth to rock, large stones.	Slope, rooting depth, large stones.
Straw:						
183	Seepage	Low strength, piping.	Favorable	Erodes easily	Slope	Slope, erodes easily.
184	Seepage	Piping, low strength.	Floods	Floods, erodes easily.	Poor outlets	Erodes easily.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Straw:						
[1]185:						
Straw part	Seepage	Piping, hard to pack.	Floods	Floods	Poor outlets	Erodes easily.
Rivra part	Seepage	Seepage, piping.	Floods, cutbanks cave, poor outlets.	Floods, seepage, wetness.	Poor outlets, wetness.	Wetness.
Tally:						
186	Seepage	Piping	Frost action, cutbanks cave.	Seepage, erodes easily.	Favorable	Erodes easily.
187, 189	Seepage	Piping	Slope, frost action, cutbanks cave.	Slope, seepage, erodes easily.	Favorable	Erodes easily.
188	Seepage, slope.	Piping	Slope, frost action, cutbanks cave.	Slope, seepage, erodes easily.	Slope	Erodes easily, slope.
[1]190:						
Tally part	Seepage, slope.	Piping	Slope, frost action, cutbanks cave.	Slope, seepage, erodes easily.	Slope	Erodes easily, slope.
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Slope, depth to rock.	Rooting depth, slope, depth to rock.
Tanna:						
191	Depth to rock	Low strength, thin layer.	Percs slowly, depth to rock.	Percs slowly, rooting depth.	Percs slowly, depth to rock.	Percs slowly, depth to rock.
192, 193	Slope, depth to rock.	Low strength, thin layer.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Slope, percs slowly, depth to rock.
[1]194:						
Tanna part	Slope, depth to rock.	Low strength, compressible.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
Wabek part	Seepage	Seepage	Cutbanks cave	Droughty, seepage.	Favorable	Droughty.
Terrad:						
195, 196	Slope, depth to rock.	Low strength, hard to pack.	Slope, percs slowly, depth to rock.	Slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.
Thebo:						
197	Depth to rock	Hard to pack, low strength.	Complex slope, percs slowly, depth to rock.	Complex slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Percs slowly, depth to rock.
198	Slope, depth to rock.	Hard to pack, low strength.	Complex slope, percs slowly, depth to rock.	Complex slope, percs slowly, rooting depth.	Depth to rock, percs slowly.	Slope, percs slowly, depth to rock.
Ticell:						
[1]199:						
Ticell part	Depth to rock	Thin layer, piping.	Slope, depth to rock, frost action.	Slope, rooting depth.	Depth to rock	Rooting depth, depth to rock.
Castner part	Depth to rock	Thin layer	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Depth to rock, piping.	Rooting depth, depth to rock.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Tigeron:						
[1]200:						
Tigeron part	Slope, seepage.	Piping, large stones.	----------	----------	Slope, large stones.	Slope, large stones.
Loggert part	Slope----------	Large stones---	----------	----------	Slope, large stones.	Slope, large stones.
Timberg:						
201, 202	Slope, depth to rock.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, area reclaim.
[1]203:						
Timberg part	Slope, depth to rock.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, area reclaim.
Big Timber part	Depth to rock, slope.	Low strength, thin layer, hard to pack.	----------	----------	Depth to rock, slope.	Slope, rooting depth, depth to rock.
[1]204:						
Timberg part	Slope, depth to rock.	Low strength, hard to pack.	Slope, depth to rock, percs slowly.	Slope, percs slowly, rooting depth.	Slope, depth to rock, percs slowly.	Slope, percs slowly, area reclaim.
Castner part	Slope, depth to rock.	Piping, thin layer.	Slope, depth to rock, frost action.	Rooting depth, droughty, slope.	Depth to rock, piping.	Rooting depth, slope, depth to rock.
Torex:						
205	Seepage--------	Seepage, piping.	Slope, frost action.	Slope, seepage, fast intake.	Soil blowing---	Favorable.
Turner:						
206	Seepage--------	Piping, seepage.	Slope, frost action, cutbanks cave.	Slope, seepage, erodes easily.	Favorable------	Erodes easily.
Twin Creek:						
207	Slope----------	Low strength, piping.	Slope, frost action.	Slope----------	Slope, poor outlets.	Slope.
208	Favorable------	Low strength, piping.	Frost action---	Favorable------	Poor outlets---	Favorable.
Vanda:						
209	Favorable------	Low strength, hard to pack, compressible.	----------	----------	Percs slowly, poor outlets.	Excess sodium, percs slowly.
210	Favorable------	Low strength, hard to pack, wetness.	----------	----------	Percs slowly, poor outlets, wetness.	Percs slowly, excess sodium, wetness.
Virgelle:						
211	Seepage--------	Piping, low strength.	Frost action, cutbanks cave.	Droughty, seepage.	Soil blowing---	Droughty.
[1]212:						
Virgelle part	Seepage--------	Piping, low strength.	Frost action, cutbanks cave.	Droughty, seepage.	Soil blowing---	Droughty.
Absher part	Favorable------	Low strength, hard to pack.	Excess sodium, percs slowly, excess salt.	Excess sodium, excess salt, percs slowly.	Percs slowly, poor outlets.	Excess salt, excess sodium.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Wabek:						
213	Seepage	Seepage	Cutbanks cave	Droughty	Too sandy	Droughty.
Waybe:						
[1]214:						
Waybe part	Depth to rock, slope.	Thin layer, low strength.	---	---	Slope, depth to rock, percs slowly.	Percs slowly, slope, rooting depth.
Bynum part	Slope, depth to rock.	Piping, seepage, thin layer.	Slope, depth to rock, frost action.	Slope, rooting depth.	Slope, depth to rock.	Slope, depth to rock.
[1]215:						
Waybe part	Depth to rock, slope.	Thin layer, large stones, low strength.	---	---	Slope, depth to rock, large stones.	Slope, large stones, rooting depth.
Rock outcrop part.						
Whitore:						
216	Slope	Low strength, piping.	Slope, frost action.	Slope	Slope	Slope.
Winifred:						
217	Slope, depth to rock.	Low strength, compressible.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
218	Slope, depth to rock.	Low strength, compressible.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
[1]219:						
Winifred part	Slope, depth to rock.	Low strength, compressible.	Slope, percs slowly, depth to rock.	Slope, percs slowly, rooting depth.	Slope, percs slowly, depth to rock.	Slope, percs slowly, depth to rock.
Yawdim part	Slope	Thin layer, compressible.	Percs slowly, depth to rock.	Droughty, rooting depth.	Percs slowly, slope.	Droughty, rooting depth.
Woosley:						
220	Slope, depth to rock.	Thin layer, low strength.	Slope, depth to rock, frost action.	Slope, rooting depth.	Depth to rock	Slope, depth to rock.
221	Slope, depth to rock.	Thin layer, low strength.	Slope, depth to rock, frost action.	Slope, rooting depth.	Slope, depth to rock.	Slope, depth to rock.
Work:						
222	Favorable	Low strength	Percs slowly	Percs slowly	Percs slowly	Percs slowly.
223	Favorable	Low strength	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Percs slowly.
224	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly.	Percs slowly	Slope, percs slowly.
225	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.	Slope, percs slowly.
[1]226:						
Work part	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.
Work part	Slope	Low strength	Slope, percs slowly.	Slope, percs slowly.	Percs slowly, slope.	Slope, percs slowly.

See footnote at end of table.

TABLE 8.--WATER MANAGEMENT--Continued

Soil name and map symbol	Limitations for--		Features affecting--			
	Pond reservoir areas	Embankments, dikes, and levees	Drainage	Irrigation	Terraces and diversions	Grassed waterways
Yamac:						
227, 228	Slope	Piping, low strength.	Slope, frost action.	Slope	Slope	Slope.
229	Favorable	Piping, low strength.	Frost action	Favorable	Favorable	Favorable.
230	Favorable	Piping, low strength.	Slope, frost action.	Slope	Favorable	Favorable.
Yawdim:						
[1]231:						
Yawdim part	Slope, depth to rock.	Thin layer, compressible.	Percs slowly, depth to rock.	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Rentsac part	Slope, depth to rock, seepage.	Thin layer, piping.	---	---	Slope, depth to rock.	Rooting depth, slope, depth to rock.
Cabbart part	Slope, depth to rock.	Low strength, thin layer.	---	---	Complex slope, depth to rock.	Slope, rooting depth, erodes easily.
[1]232:						
Yawdim part	Slope, depth to rock.	Thin layer, compressible.	Percs slowly, depth to rock.	Droughty, percs slowly, rooting depth.	Percs slowly, depth to rock, slope.	Droughty, percs slowly, rooting depth.
Rock outcrop part.						
Yetull:						
233	Seepage, slope.	Seepage, piping.	---	---	Slope, too sandy.	Droughty, slope.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 9.--SANITARY FACILITIES

[Some of the terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," "good," "fair," and other terms used to rate the soil. Absence of an entry means soil was not rated]

Soil name and map symbol	Septic tank absorption fields	Sewage lagoon areas	Trench sanitary landfill	Area sanitary landfill	Daily cover for landfill
Abor:					
1	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: too clayey, depth to rock.	Slight	Poor: too clayey, area reclaim.
12:					
Abor part	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: too clayey, depth to rock.	Slight	Poor: too clayey, area reclaim.
Yawdim part	Severe: percs slowly, depth to rock.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, thin layer, area reclaim.
13:					
Abor part	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: too clayey, depth to rock.	Moderate: slope.	Poor: too clayey, area reclaim.
Yawdim part	Severe: percs slowly, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, thin layer, area reclaim.
Absarokee:					
4, 5	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
6	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, area reclaim.
17:					
Absarokee part	Severe: slope, depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: slope, depth to rock, too clayey.	Severe: slope.	Poor: slope, too clayey, area reclaim.
Borky part	Severe: slope, percs slowly, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock, too clayey.	Severe: slope.	Poor: slope, too clayey, large stones.
Blythe part	Severe: slope, depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: too clayey, slope.	Severe: slope.	Poor: slope, too clayey, area reclaim.
18:					
Absarokee part	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
Sinnigam part	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
Absher:					
19:					
Absher part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.

See footnote at end of table.

TABLE 9.--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
Absher:					
Absher part------	Severe: percs slowly.	Slight----------	Severe: too clayey.	Slight----------	Poor: too clayey.
[1]10:					
Absher part------	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight----------	Poor: too clayey.
Nobe part--------	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight----------	Poor: too clayey.
Acel:					
11----------	Severe: percs slowly.	Slight----------	Severe: too clayey.	Slight----------	Poor: too clayey.
12----------	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight----------	Poor: too clayey.
Adel:					
13----------	Moderate: slope, percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.
Aquepts:					
[1]14:					
Aquepts part-----	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Poor: wetness.
Aquolls part-----	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Poor: wetness.
Assinniboine:					
15, 16----------	Slight----------	Severe: seepage.	Severe: seepage.	Severe: seepage.	Good.
[1]17:					
Assinniboine part	Slight----------	Severe: seepage.	Severe: seepage.	Severe: seepage.	Good.
Absher part------	Severe: percs slowly.	Slight----------	Severe: too clayey.	Slight----------	Poor: too clayey.
Azaar:					
18----------	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight----------	Fair: too clayey, area reclaim.
Benz:					
19----------	Severe: percs slowly.	Slight----------	Moderate: floods, too clayey.	Moderate: floods.	Fair: too clayey.
20----------	Severe: percs slowly.	Moderate: slope.	Moderate: floods, too clayey.	Moderate: floods.	Fair: too clayey.
Big Timber:					
[1]21, [1]22:					
Big Timber part--	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Moderate: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Castner part-----	Severe: slope, depth to rock.	Severe: slope, depth to rock, small stones.	Severe: depth to rock.	Severe: slope.	Poor: slope, thin layer, small stones.

See footnote at end of table.

TABLE 9.--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
Binna:					
23, 24, 25, 26	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
[1]27:					
Binna part	Slight	Severe: slope, seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
Evanston part	Moderate: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Bitton:					
[1]28:					
Bitton part	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, large stones.
Roy part	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, small stones, large stones.
Blythe:					
29	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: too clayey.	Slight	Poor: too clayey, area reclaim.
30	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: too clayey.	Slight	Poor: too clayey, area reclaim.
31	Severe: slope, depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: too clayey.	Severe: slope.	Poor: slope, too clayey, area reclaim.
Borky:					
[1]32:					
Borky part	Severe: percs slowly, depth to rock, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, large stones, small stones.
Sinnigam part	Severe: depth to rock, percs slowly, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock.	Moderate: slope.	Poor: small stones, large stones, thin layer.
Bridger:					
33	Moderate: percs slowly.	Moderate: seepage, slope, small stones.	Moderate: too clayey.	Slight	Fair: small stones, too clayey.
34	Severe: slope.	Severe: slope.	Moderate: slope, too clayey.	Severe: slope.	Poor: slope.
Cargill:					
35	Severe: percs slowly, depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
[1]36:					
Cargill part	Severe: percs slowly, depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.

See footnote at end of table.

TABLE 9.--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
Cargill:					
Cabbart part-----	Severe: depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock.	Slight----------	Poor: thin layer, area reclaim.
Castner:					
37----------	Severe: depth to rock.	Severe: depth to rock, small stones.	Severe: depth to rock.	Slight----------	Poor: thin layer, small stones, area reclaim.
138----------	Severe: depth to rock.	Severe: slope, depth to rock, small stones.	Severe: depth to rock.	Moderate: slope.	Poor: thin layer, small stones, area reclaim.
139:					
Castner part-----	Severe: slope, depth to rock.	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, small stones.
Perma part-------	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.	Poor: slope, small stones.
Rock outcrop part.					
140:					
Castner part-----	Severe: slope, depth to rock.	Severe: slope, depth to rock, small stones.	Severe: depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Reeder part------	Severe: depth to rock.	Severe: depth to rock, slope.	Moderate: depth to rock.	Severe: slope.	Poor: slope, area reclaim.
Cheadle:					
41----------	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: thin layer, area reclaim.
142:					
Cheadle part-----	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Hilger part------	Severe: slope.	Severe: slope, large stones, small stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, small stones, large stones.
143:					
Cheadle part-----	Severe: slope, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Loggert part-----	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, large stones.
Crago:					
44----------	Slight----------	Severe: seepage, small stones.	Severe: seepage.	Severe: seepage.	Poor: small stones.

See footnote at end of table.

TABLE 9.--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
Crago:					
45	Slight	Severe: slope, seepage, small stones.	Severe: seepage.	Severe: seepage.	Poor: small stones.
[1]46:					
Crago part	Severe: slope.	Severe: slope, seepage, small stones.	Severe: slope, seepage.	Severe: slope, seepage.	Poor: slope, small stones.
Yawdim part	Severe: percs slowly, slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: thin layer, slope, area reclaim.
Danvers:					
47	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
Darret:					
48	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
[1]49:					
Darret part	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, small stones, area reclaim.
[1]50:					
Darret part	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
Castner part	Severe: depth to rock.	Severe: slope, depth to rock, small stones.	Severe: depth to rock.	Moderate: slope.	Poor: thin layer, small stones, area reclaim.
Dast:					
[1]51:					
Dast part	Severe: depth to rock.	Severe: slope, depth to rock, seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Poor: area reclaim.
Rentsac part	Severe: depth to rock.	Severe: slope, depth to rock, seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Poor: small stones, thin layer, area reclaim.
Delpoint:					
52	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
Dooley:					
53, 54	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
55	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.

See footnote at end of table.

TABLE 9.--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
Dutton:					
56, 57	Severe: percs slowly.	Severe: depth to rock.	Severe: too clayey, depth to rock.	Slight	Poor: too clayey, area reclaim.
Eltsac:					
58	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: too clayey, depth to rock.	Slight	Poor: too clayey, area reclaim.
59	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: too clayey, depth to rock.	Moderate: slope.	Poor: too clayey, area reclaim.
[1]60:					
Eltsac part	Severe: slope, percs slowly, depth to rock.	Severe: slope, depth to rock.	Severe: slope, too clayey.	Severe: slope.	Poor: slope, too clayey, area reclaim.
Lisam part	Severe: percs slowly, slope.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey, slope.	Severe: slope.	Poor: too clayey, thin layer, slope.
Ernem:					
61	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
62	Severe: depth to rock, large stones.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, large stones.	Slight	Poor: large stones, thin layer, small stones.
Ervide:					
63, 64	Severe: depth to rock.	Severe: depth to rock, seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Poor: area reclaim.
Ethridge:					
65	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
66	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
[1]67:					
Ethridge part	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
Kobar part	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
[1]68:					
Ethridge part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Kobar part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Evanston:					
69, 70	Moderate: percs slowly.	Moderate: slope, seepage.	Moderate: too clayey.	Slight	Fair: too clayey.
71	Moderate: percs slowly.	Moderate: seepage.	Moderate: too clayey.	Slight	Fair: too clayey.

See footnote at end of table.

TABLE 9.--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
Evanston:					
72	Moderate: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Fairfield:					
73, 74	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Farnuf:					
75	Moderate: percs slowly.	Moderate: seepage.	Slight	Slight	Good.
76, 77	Moderate: percs slowly.	Moderate: slope, seepage.	Slight	Slight	Good.
Fergus:					
78, 79	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
80	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
[1]81:					
Fergus part	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
Absher part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
Floweree:					
[1]82	Severe: percs slowly.	Moderate: slope, seepage.	Moderate: too clayey.	Slight	Fair: too clayey.
Fluventic Haplaquolls:					
[1]83	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Poor: wetness.
Fluventic Haploborolls:					
[1]84	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Fair: too clayey.
Gerber:					
85	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
[1]86:					
Gerber part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Acel part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
[1]87, [1]88:					
Gerber part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Lawther part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Glendive:					
89	Moderate: floods.	Severe: seepage, floods.	Severe: seepage.	Severe: seepage.	Good.

See footnote at end of table.

TABLE 9.--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
Hanson:					
90	Severe: percs slowly, large stones.	Severe: slope, small stones, large stones.	Severe: large stones.	Moderate: slope.	Poor: small stones, large stones.
[1]91:					
Hanson part	Severe: percs slowly, large stones.	Severe: slope, small stones, large stones.	Severe: large stones.	Moderate: slope.	Poor: small stones, large stones.
Sheege part	Severe: depth to rock.	Severe: slope, depth to rock, large stones.	Severe: depth to rock.	Moderate: slope.	Poor: thin layer, large stones, area reclaim.
[1]92:					
Hanson part	Severe: slope, percs slowly, large stones.	Severe: slope, small stones, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, small stones, large stones.
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock, large stones.	Severe: slope.	Poor: slope, thin layer, large stones.
[1]93:					
Hanson part	Severe: percs slowly, slope, large stones.	Severe: slope, small stones, large stones.	Severe: large stones.	Severe: slope.	Poor: small stones, large stones.
Skaggs part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, large stones, area reclaim.
Harlem:					
94, 95	Severe: percs slowly.	Slight	Moderate: floods, too clayey.	Moderate: floods.	Fair: too clayey.
Havre:					
96, 97	Moderate: floods, percs slowly.	Severe: floods.	Moderate: floods.	Moderate: floods.	Good.
98	Severe: floods, percs slowly.	Severe: floods.	Severe: wetness.	Moderate: wetness.	Good.
Hilger:					
99	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.	Severe: large stones.	Poor: large stones.
100	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Poor: slope, large stones.
[1]101:					
Hilger part	Severe: slope, large stones.	Severe: slope, large stones, small stones.	Severe: slope, large stones.	Severe: slope, large stones.	Poor: slope, large stones.

See footnote at end of table.

TABLE 9.--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
Hilger:					
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, small stones.
Hillon:					
102	Severe: slope, percs slowly.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Ipano:					
103	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
[1]104:					
Ipano part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
Castner part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: thin layer, small stones, area reclaim.
[1]105:					
Ipano part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Hillon part	Severe: percs slowly.	Moderate: slope.	Slight	Slight	Good.
[1]106:					
Ipano part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Hillon part	Severe: percs slowly.	Severe: slope.	Slight	Slight	Good.
[1]107:					
Ipano part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Ticell part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
[1]108:					
Ipano part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Ticell part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
Judith:					
109, 110	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: small stones.
111	Moderate: depth to rock.	Severe: seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Poor: small stones.
Kevin:					
[1]112:					
Kevin part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.

See footnote at end of table.

TABLE 9.--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
Kevin:					
Hillon part	Severe: percs slowly.	Severe: slope.	Slight	Moderate: slope.	Fair: slope.
[1]113:					
Kevin part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Scobey part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Kobar:					
114	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
115, 116	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
117:					
Kobar part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Marias part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Korent:					
118	Moderate: floods, percs slowly.	Moderate: seepage.	Moderate: floods.	Moderate: floods.	Good.
Lallie:					
119	Severe: wetness, floods.	Severe: floods, wetness.	Severe: wetness, floods.	Severe: floods, wetness.	Poor: wetness.
Lambeth:					
[1]120:					
Lambeth part	Severe: percs slowly.	Moderate: slope.	Slight	Slight	Good.
Floweree part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
121:					
Lambeth part	Severe: slope, percs slowly.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Lothair part	Severe: slope, percs slowly.	Severe: slope.	Severe: slope, too clayey.	Severe: slope.	Poor: slope, too clayey.
Lawther:					
122	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
123	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
[1]124:					
Lawther part	Severe: percs slowly.	Severe: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Gerber part	Severe: percs slowly.	Severe: slope.	Severe: too clayey.	Moderate: slope.	Poor: too clayey.
Lennep:					
[1]125:					
Lennep part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.

See footnote at end of table.

TABLE 9.--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
Lennep:					
Nobe part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Libeg:					
126	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.	Moderate: slope.	Poor: large stones, small stones.
Lihen:					
127	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Fair: too sandy, seepage.
128	Moderate: slope.	Severe: slope, seepage.	Severe: seepage.	Severe: seepage.	Fair: slope, too sandy, seepage.
Linnet:					
[1]129:					
Linnet part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
Acel part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
[1]130:					
Linnet part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Acel part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
[1]131:					
Linnet part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
Marias part	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
[1]132:					
Linnet part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Marias part	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Lisam:					
[1]133:					
Lisam part	Severe: percs slowly, slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, too clayey, slope.	Severe: slope.	Poor: too clayey, thin layer, slope.
Rock outcrop part.					
Loberg:					
134	Severe: percs slowly, slope.	Severe: slope, large stones, small stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, small stones, large stones.
[1]135:					
Loberg part	Severe: percs slowly, slope.	Severe: slope, large stones, small stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, small stones, large stones.

See footnote at end of table.

TABLE 9.--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
Loberg:					
Cheadle part	Severe: slope, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Loggert:					
136	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.	Moderate: slope.	Poor: large stones.
137	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, large stones.
Lothair:					
138	Severe: slope, percs slowly.	Severe: slope.	Severe: too clayey.	Severe: slope.	Poor: slope, too clayey.
Marias:					
139	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
140, 141	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
Marmarth:					
142	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Marvan:					
143	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.
144	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
145	Severe: percs slowly, wetness.	Moderate: wetness.	Severe: too clayey, wetness.	Moderate: wetness.	Poor: too clayey.
McKenzie:					
146, 147	Severe: percs slowly, floods.	Severe: floods.	Severe: floods, too clayey.	Severe: floods.	Poor: too clayey.
Monad:					
148	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
149	Severe: slope, percs slowly.	Severe: slope.	Moderate: slope, too clayey.	Severe: slope.	Poor: slope.
[1]150:					
Monad part	Severe: slope, percs slowly.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
Libeg part	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.	Poor: slope, large stones, small stones.
Pendroy:					
151	Severe: percs slowly.	Slight	Severe: too clayey.	Slight	Poor: too clayey.

See footnote at end of table.

TABLE 9.--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
Pendroy:					
152	Severe: percs slowly.	Moderate: slope.	Severe: too clayey.	Slight	Poor: too clayey.
153	Severe: percs slowly.	Severe: slope.	Severe: too clayey.	Moderate: slope.	Poor: too clayey.
Perma:					
154	Severe: large stones.	Severe: large stones.	Severe: large stones.	Slight	Poor: large stones, small stones.
Pylon:					
155	Severe: percs slowly, depth to rock.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
Raynesford:					
156	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.
157	Severe: slope, percs slowly.	Severe: slope.	Severe: slope.	Severe: slope.	Poor: slope.
[1]158:					
Raynesford part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Skaggs part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
[1]159:					
Raynesford part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.
Skaggs part	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
[1]160:					
Raynesford part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.
Sheege part	Severe: depth to rock.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: thin layer, large stones, area reclaim.
Reeder:					
161	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
162	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
Reeder variant:					
163	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.

See footnote at end of table.

TABLE 9.--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
Rentsac:					
[1]164:					
Rentsac part	Severe: depth to rock.	Severe: slope, depth to rock, seepage.	Severe: depth to rock, seepage.	Severe: seepage.	Poor: small stones, thin layer, area reclaim.
Ethridge part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: too clayey.
Rivra:					
165	Severe: floods, wetness.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Poor: small stones, seepage.
Rothiemay:					
166, 168	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
167	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Poor: wetness.
[1]169:					
Rothiemay part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Binna part	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
[1]170:					
Rothiemay part	Severe: percs slowly.	Severe: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Binna part	Slight	Severe: slope, seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
Ryell:					
171	Moderate: floods.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
[1]172:					
Ryell part	Moderate: floods.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.
Rivra part	Severe: floods, wetness.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Poor: small stones, seepage.
Scobey:					
173	Severe: percs slowly.	Slight	Moderate: too clayey.	Slight	Fair: too clayey.
[1]174:					
Scobey part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Kevin part	Severe: percs slowly.	Moderate: slope.	Moderate: too clayey.	Slight	Fair: too clayey.
Shane:					
175	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.

See footnote at end of table.

TABLE 9.--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
Shane:					
[1]176:					
Shane part	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, area reclaim.
Nobe part	Severe: percs slowly.	Severe: slope.	Severe: too clayey.	Severe: too clayey.	Poor: too clayey.
Shawa:					
177	Moderate: percs slowly.	Moderate: slope, seepage.	Slight	Slight	Good.
178	Severe: slope.	Severe: slope.	Moderate: slope.	Severe: slope.	Poor: slope.
Sheege:					
179	Severe: depth to rock.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, large stones.	Moderate: slope.	Poor: thin layer, large stones, area reclaim.
[1]180:					
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock, large stones.	Severe: slope.	Poor: slope, thin layer, large stones.
Rock outcrop part.					
[1]181:					
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock, large stones.	Severe: slope, depth to rock, large stones.	Severe: slope.	Poor: slope, thin layer, large stones.
Whitore part	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.	Poor: slope, small stones.
Sinnigam:					
182	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
Straw:					
183	Moderate: floods.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Good.
184	Severe: floods.	Severe: floods, seepage.	Severe: floods, seepage.	Severe: floods, seepage.	Good.
[1]185:					
Straw part	Severe: floods.	Severe: floods, seepage.	Severe: floods, seepage.	Severe: floods, seepage.	Good.
Rivra part	Severe: floods, wetness.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Severe: seepage, wetness, floods.	Poor: small stones, seepage.
Tally:					
186, 187, 189	Slight	Severe: seepage.	Severe: seepage.	Severe: seepage.	Good.

See footnote at end of table.

TABLE 9.--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
Tally:					
188	Moderate: slope.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage.	Fair: slope.
[1]190:					
Tally part	Severe: slope.	Severe: seepage, slope.	Severe: seepage.	Severe: seepage, slope.	Severe: slope.
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, small stones.
Tanna:					
191, 192	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
193	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock.	Moderate: slope.	Poor: area reclaim.
[1]194:					
Tanna part	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
Wabek part	Slight	Severe: seepage, small stones.	Severe: seepage.	Severe: seepage.	Poor: small stones.
Terrad:					
195	Severe: depth to rock.	Moderate: slope, depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey.
196	Severe: depth to rock.	Severe: slope.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey.
Thebo:					
197	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
198	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
Ticell:					
[1]199:					
Ticell part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: thin layer, area reclaim.
Castner part	Severe: depth to rock.	Severe: depth to rock, small stones.	Severe: depth to rock.	Slight	Poor: thin layer, small stones, area reclaim.
Tigeron:					
[1]200:					
Tigeron part	Moderate: slope, percs slowly.	Severe: slope.	Severe: large stones.	Moderate: slope.	Poor: small stones, large stones.

See footnote at end of table.

TABLE 9.--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
Tigeron:					
Loggert part-----	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.	Moderate: slope.	Poor: large stones.
Timberg:					
201----------	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, area reclaim.
202----------	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight----------	Poor: too clayey, area reclaim.
[1]203:					
Timberg part-----	Severe: slope, depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: slope, depth to rock, too clayey.	Severe: slope.	Poor: slope, too clayey, area reclaim.
Big Timber part--	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
[1]204:					
Timberg part-----	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight----------	Poor: too clayey, area reclaim.
Castner part-----	Severe: depth to rock.	Severe: depth to rock, small stones.	Severe: depth to rock.	Slight----------	Poor: thin layer, small stones, area reclaim.
Torex:					
205----------	Slight----------	Severe: seepage.	Severe: seepage.	Severe: seepage.	Fair: too sandy.
Turner:					
206----------	Slight----------	Severe: seepage.	Severe: seepage.	Severe: seepage.	Fair: small stones.
Twin Creek:					
207----------	Moderate: percs slowly.	Moderate: slope, seepage.	Moderate: too clayey.	Slight----------	Fair: too clayey.
208----------	Moderate: percs slowly.	Moderate: seepage.	Moderate: too clayey.	Slight----------	Fair: too clayey.
Vanda:					
209----------	Severe: percs slowly.	Slight----------	Severe: too clayey.	Severe: too clayey.	Poor: too clayey.
210----------	Severe: percs slowly, wetness.	Severe: wetness.	Severe: too clayey, wetness.	Severe: too clayey, wetness.	Poor: too clayey, wetness.
Virgelle:					
211----------	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Fair: too sandy.
[1]212:					
Virgelle part----	Severe: percs slowly.	Severe: seepage.	Severe: seepage.	Severe: seepage.	Fair: too sandy.
Absher part------	Severe: percs slowly.	Slight----------	Severe: too clayey.	Slight----------	Poor: too clayey.

See footnote at end of table.

TABLE 9.--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
Wabek:					
213	Moderate: slope.	Severe: seepage, small stones.	Severe: seepage.	Severe: seepage.	Poor: small stones.
Waybe:					
[1]214:					
Waybe part	Severe: slope, depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Bynum part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, area reclaim.
[1]215:					
Waybe part	Severe: slope, depth to rock, percs slowly.	Severe: slope, large stones, depth to rock.	Severe: slope, depth to rock.	Severe: slope.	Poor: slope, thin layer, area reclaim.
Rock outcrop part.					
Whitore:					
216	Severe: slope.	Severe: slope, small stones.	Severe: slope.	Severe: slope.	Poor: slope, small stones.
Winifred:					
217	Severe: depth to rock, percs slowly.	Severe: depth to rock.	Severe: depth to rock, too clayey.	Slight	Poor: too clayey, area reclaim.
218	Severe: depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey.	Moderate: slope.	Poor: too clayey, area reclaim.
[1]219:					
Winifred part	Severe: slope, depth to rock, percs slowly.	Severe: slope, depth to rock.	Severe: depth to rock, too clayey, slope.	Severe: slope.	Poor: slope, too clayey, area reclaim.
Yawdim part	Severe: percs slowly, slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: thin layer, slope, area reclaim.
Woosley:					
220	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Slight	Poor: area reclaim.
221	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: slope.	Poor: slope, area reclaim.
Work:					
222	Moderate: percs slowly.	Moderate: seepage.	Moderate: too clayey.	Slight	Fair: too clayey.
223, 224	Moderate: percs slowly.	Moderate: slope, seepage.	Moderate: too clayey.	Slight	Fair: too clayey.
225	Moderate: slope, percs slowly.	Severe: slope.	Moderate: too clayey.	Moderate: slope.	Fair: slope, too clayey.

See footnote at end of table.

TABLE 9.--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
Work:					
[1]226:					
Work part	Severe: slope.	Severe: slope.	Moderate: slope, too clayey.	Severe: slope.	Fair: slope, too clayey.
Work part	Severe: slope.	Severe: slope.	Moderate: slope, too clayey.	Severe: slope.	Fair: slope, too clayey.
Yamac:					
227, 230	Moderate: percs slowly.	Moderate: slope, seepage.	Slight	Slight	Good.
228	Moderate: slope, percs slowly.	Severe: slope.	Slight	Moderate: slope.	Fair: slope.
229	Moderate: percs slowly.	Moderate: seepage.	Slight	Slight	Good.
Yawdim:					
[1]231:					
Yawdim part	Severe: percs slowly, slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: thin layer, slope, area reclaim.
Rentsac part	Severe: slope, depth to rock.	Severe: slope, depth to rock, seepage.	Severe: slope, depth to rock, seepage.	Severe: slope, seepage.	Poor: slope, area reclaim, thin layer.
Cabbart part	Severe: slope, depth to rock, percs slowly.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: slope, thin layer, area reclaim.
[1]232:					
Yawdim part	Severe: percs slowly, slope, depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: slope.	Poor: thin layer, slope, area reclaim.
Rock outcrop part.					
Yetull:					
233	Moderate: slope.	Severe: slope, seepage.	Severe: seepage.	Severe: seepage.	Poor: seepage.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 10.--BUILDING SITE DEVELOPMENT

[Some of the terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry means the soil was not rated]

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Abor:					
1	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]2:					
Abor part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Yawdim part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]3:					
Abor part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Yawdim part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Absarokee:					
4, 5	Severe: depth to rock, too clayey.	Severe: shrink-swell, low strength.	Severe: depth to rock, low strength, shrink-swell.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
6	Severe: depth to rock, too clayey.	Severe: shrink-swell, low strength.	Severe: depth to rock, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: shrink-swell, low strength.
[1]7:					
Absarokee part	Severe: slope, depth to rock, too clayey.	Severe: slope, shrink-swell, low strength.	Severe: slope, depth to rock, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: slope, shrink-swell, low strength.
Borky part	Severe: slope, large stones, too clayey.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.
Blythe part	Severe: slope, too clayey.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.
[1]8:					
Absarokee part	Severe: depth to rock, too clayey.	Severe: shrink-swell, low strength.	Severe: depth to rock, low strength, shrink-swell.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Sinnigam part	Severe: depth to rock.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Absher:					
[1]9:					
Absher part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Absher part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]10:					
Absher part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Nobe part------	Severe: too clayey.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Acel:					
11, 12----------	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Adel:					
13----------	Moderate: slope, too clayey.	Moderate: slope, low strength.	Moderate: slope, low strength.	Severe: slope.	Severe: low strength.
Aquepts:					
[1]14:					
Aquepts part---	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
Aquolls part---	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
Assinniboine:					
15----------	Slight----------	Slight----------	Slight----------	Slight----------	Moderate: frost action.
16----------	Slight----------	Slight----------	Slight----------	Moderate: slope.	Moderate: frost action.
[1]17:					
Assinniboine part----------	Slight----------	Slight----------	Slight----------	Slight----------	Moderate: frost action.
Absher part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Azaar:					
18----------	Moderate: depth to rock, too clayey.	Moderate: low strength.	Moderate: depth to rock, low strength.	Moderate: low strength.	Moderate: depth to rock, frost action, low strength.
Benz:					
19, 20----------	Moderate: floods, too clayey.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: frost action, low strength, shrink-swell.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Big Timber:					
[1]21, [1]22:					
Big Timber part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Binna:					
23, 24, 25, 26	Severe: cutbanks cave, small stones.	Slight	Slight	Slight	Slight.
[1]27:					
Binna part	Severe: cutbanks cave, small stones.	Slight	Slight	Moderate: slope.	Slight.
Evanston part	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: slope, shrink-swell.	Moderate: shrink-swell, frost action, low strength.
Bitton:					
[1]28:					
Bitton part	Severe: slope, large stones, small stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.
Roy part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Blythe:					
29, 30	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
31	Severe: slope, too clayey.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.
Borky:					
[1]32:					
Borky part	Severe: large stones, too clayey.	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Moderate: low strength, large stones, slope.
Sinnigam part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Bridger:					
33	Moderate: small stones.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Moderate: slope, low strength.	Moderate: shrink-swell, frost action, low strength.
34	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Cargill:					
35	Moderate: depth to rock.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Cargill:					
136:					
Cargill part	Moderate: depth to rock.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell, low strength.	Moderate: slope, shrink-swell.	Severe: low strength.
Cabbart part	Moderate: depth to rock.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
Castner:					
37	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
138	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
139:					
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Perma part	Severe: slope, small stones.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Rock outcrop part.					
140:					
Castner part	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.	Severe: depth to rock, slope.
Reeder part.					
Cheadle:					
41	Severe: depth to rock, small stones.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
142:					
Cheadle part	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Hilger part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
143:					
Cheadle part	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Loggert part	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.
Crago:					
44	Severe: small stones, cutbanks cave.	Slight	Slight	Slight	Moderate: frost action.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Crago:					
45	Severe: small stones, cutbanks cave.	Slight	Slight	Moderate: slope.	Moderate: frost action.
146:					
Crago part	Severe: slope, small stones, cutbanks cave.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Yawdim part	Severe: too clayey, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength, slope.
Danvers:					
47	Moderate: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Darret:					
48	Moderate: slope, depth to rock.	Moderate: slope, shrink-swell, low strength.	Moderate: slope, shrink-swell, depth to rock.	Severe: slope.	Severe: low strength.
149:					
Darret part	Moderate: depth to rock.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, depth to rock, low strength.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
150:					
Darret part	Moderate: slope, depth to rock.	Moderate: slope, shrink-swell, low strength.	Moderate: slope, shrink-swell, depth to rock.	Severe: slope.	Severe: low strength.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Dast:					
151:					
Dast part	Moderate: slope, depth to rock.	Moderate: slope.	Moderate: slope, depth to rock.	Severe: slope.	Moderate: slope, frost action.
Rentsac part	Severe: depth to rock, small stones.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Delpoint:					
52	Moderate: slope, depth to rock.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope, frost action, low strength.
Dooley:					
53	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Moderate: shrink-swell, low strength.	Severe: low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Dooley:					
54	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
55	Moderate: slope, too clayey.	Moderate: slope, shrink-swell, low strength.	Moderate: slope, low strength, shrink-swell.	Severe: slope.	Severe: low strength.
Dutton:					
56, 57	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Eltsac:					
58	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
59	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]60:					
Eltsac part	Severe: slope, too clayey.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.
Lisam part	Severe: too clayey, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.
Ernem:					
61	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, low strength.
62	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, low strength.
Ervide:					
63, 64	Moderate: depth to rock, cutbanks cave.	Slight	Moderate: depth to rock.	Slight	Slight.
Ethridge:					
65, 66	Severe: too clayey.	Severe: low strength.	Severe: shrink-swell, low strength.	Severe: low strength.	Severe: shrink-swell, low strength.
[1]67, [1]68:					
Ethridge part	Severe: too clayey.	Severe: low strength.	Severe: shrink-swell, low strength.	Severe: low strength.	Severe: shrink-swell, low strength.
Kobar part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Evanston:					
69, 71	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell, frost action, low strength.
70, 72	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: slope, shrink-swell.	Moderate: shrink-swell, frost action, low strength.
Fairfield:					
73	Slight	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Moderate: slope, shrink-swell.	Severe: low strength.
74	Slight	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Moderate: shrink-swell, low strength.	Severe: low strength.
Farnuf:					
75, 76, 77	Slight	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, slope.	Moderate: frost action, shrink-swell, low strength.
Fergus:					
78, 79, 80	Moderate: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]81:					
Fergus part	Moderate: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Absher part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Floweree:					
[1]82	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
Fluventic Haplaquolls:					
[1]83	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.
Fluventic Haploborolls:					
[1]84	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.
Gerber:					
85	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]86:					
Gerber part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Acel part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Gerber:					
187, 188:					
Gerber part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Lawther part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Glendive:					
89	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: frost action, floods, low strength.
Hanson:					
90	Severe: small stones, cutbanks cave, large stones.	Severe: slope, large stones.	Severe: large stones.	Severe: slope, large stones.	Moderate: slope, frost action, low strength.
191:					
Hanson part	Severe: small stones, cutbanks cave, large stones.	Severe: slope, large stones.	Severe: large stones.	Severe: slope, large stones.	Moderate: slope, frost action, low strength.
Sheege part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
192:					
Hanson part	Severe: slope, large stones, cutbanks cave.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
193:					
Hanson part	Severe: large stones, small stones, cutbanks cave.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.
Skaggs part	Severe: slope, small stones, large stones.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Harlem:					
94, 95	Severe: too clayey.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Havre:					
96, 97	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: frost action, low strength.
98	Moderate: wetness, floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: frost action, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Hilger:					
99	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Moderate: slope, large stones.
100	Severe: slope, large stones.	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope.
[1]101:					
Hilger part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Hillon:					
102	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Ipano:					
103	Moderate: depth to rock.	Slight	Moderate: depth to rock.	Slight	Moderate: frost action.
[1]104:					
Ipano part	Moderate: slope, depth to rock.	Moderate: slope.	Moderate: slope, depth to rock.	Severe: slope.	Moderate: slope, frost action.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
[1]105:					
Ipano part	Moderate: depth to rock.	Slight	Moderate: depth to rock.	Slight	Moderate: frost action.
Hillon part	Slight	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
[1]106:					
Ipano part	Moderate: depth to rock.	Slight	Moderate: depth to rock.	Severe: slope.	Moderate: frost action.
Hillon part	Slight	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
[1]107:					
Ipano part	Moderate: depth to rock.	Slight	Moderate: depth to rock.	Slight	Moderate: frost action.
Ticell part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
[1]108:					
Ipano part	Moderate: depth to rock.	Moderate: frost action.	Moderate: depth to rock.	Severe: slope.	Moderate: frost action.
Ticell part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Judith:					
109	Severe: cutbanks cave, small stones.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell.	Moderate: shrink-swell, low strength.	Moderate: low strength, frost action, shrink-swell.
110	Severe: cutbanks cave, small stones.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell.	Moderate: slope, shrink-swell.	Moderate: low strength, frost action, shrink-swell.
111	Severe: small stones, cutbanks cave.	Moderate: shrink-swell.	Moderate: depth to rock, shrink-swell.	Moderate: shrink-swell.	Moderate: frost action, shrink-swell, low strength.
Kevin:					
[1]112:					
Kevin part	Moderate: slope, too clayey.	Moderate: slope, shrink-swell.	Moderate: slope, shrink-swell, low strength.	Severe: slope.	Severe: low strength.
Hillon part	Moderate: slope.	Moderate: slope, low strength.	Moderate: slope, shrink-swell, low strength.	Severe: slope.	Severe: low strength.
[1]113:					
Kevin part	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: slope.	Severe: low strength.
Scobey part	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: slope.	Severe: low strength.
Kobar:					
114, 115, 116	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]117:					
Kobar part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Marias part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.
Korent:					
118	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: floods.
Lallie:					
119	Severe: wetness, floods.	Severe: wetness, floods.	Severe: wetness, floods.	Severe: wetness, floods.	Severe: wetness, floods, frost action.
Lambeth:					
[1]120:					
Lambeth part	Slight	Slight	Slight	Moderate: slope.	Moderate: frost action, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Lambeth:					
Floweree part--	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
[1]121:					
Lambeth part---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Lothair part---	Severe: slope, too clayey.	Severe: slope, shrink-swell.	Severe: slope, shrink-swell.	Severe: slope, shrink-swell.	Severe: slope, low strength, shrink-swell.
Lawther:					
122, 123---------	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]124:					
Lawther part---	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Gerber part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Lennep:					
[1]125:					
Lennep part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Nobe part------	Severe: too clayey.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Libeg:					
126--------------	Moderate: slope, too clayey.	Moderate: shrink-swell, low strength, slope.	Moderate: shrink-swell, low strength, slope.	Severe: slope.	Severe: shrink-swell, low strength.
Lihen:					
127--------------	Severe: too sandy, cutbanks cave.	Slight----------	Slight----------	Moderate: slope.	Moderate: frost action.
128--------------	Severe: too sandy, cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope, frost action.
Linnet:					
[1]129, [1]130:					
Linnet part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Acel part------	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]131, [1]132:					
Linnet part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Linnet:					
Marias part----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.
Lisam:					
[1]133:					
Lisam part-----	Severe: too clayey, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.
Rock outcrop part.					
Loberg:					
134----------	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
[1]135:					
Loberg part----	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Cheadle part---	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Loggert:					
136----------	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.
137----------	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.
Lothair:					
138----------	Severe: slope, too clayey.	Severe: slope, shrink-swell.	Severe: slope, shrink-swell.	Severe: slope, shrink-swell.	Severe: slope, low strength, shrink-swell.
Marias:					
139, 140, 141----	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.
Marmarth:					
142----------	Moderate: depth to rock.	Moderate: shrink-swell.	Moderate: shrink-swell, depth to rock.	Moderate: shrink-swell.	Moderate: shrink-swell, frost action.
Marvan:					
143, 144---------	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
145----------	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength, wetness.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
McKenzie:					
146, 147---------	Severe: floods.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Monad:					
148	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: slope, shrink-swell, low strength.	Moderate: shrink-swell, frost action, low strength.
149	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
[1]150:					
Monad part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Libeg part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Pendroy:					
151, 152	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
153	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Perma:					
154	Severe: large stones, small stones.	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Moderate: large stones, frost action.
Pylon:					
155	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Raynesford:					
156	Moderate: slope, too clayey.	Moderate: slope, low strength.	Moderate: slope, low strength, shrink-swell.	Severe: slope.	Severe: low strength.
157	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
[1]158:					
Raynesford part	Moderate: too clayey.	Moderate: low strength, shrink-swell.	Moderate: low strength, shrink-swell.	Moderate: slope, low strength, shrink-swell.	Severe: low strength.
Skaggs part	Moderate: depth to rock.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: slope, shrink-swell.	Severe: low strength.
[1]159:					
Raynesford part	Moderate: slope, too clayey.	Moderate: slope, low strength, shrink-swell.	Moderate: slope, low strength, shrink-swell.	Severe: slope.	Severe: low strength.
Skaggs part	Moderate: slope, depth to rock.	Moderate: slope, shrink-swell, low strength.	Moderate: slope, shrink-swell, low strength.	Severe: slope.	Severe: low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Raynesford:					
[1]160:					
Raynesford part	Moderate: slope, too clayey.	Moderate: slope, low strength, shrink-swell.	Moderate: slope, low strength, shrink-swell.	Severe: slope.	Severe: low strength.
Sheege part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Reeder:					
161	Moderate: depth to rock.	Moderate: shrink-swell.	Moderate: shrink-swell, depth to rock.	Moderate: shrink-swell, slope.	Moderate: shrink-swell, frost action, depth to rock.
162	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Reeder variant:					
163	Severe: depth to rock.	Moderate: depth to rock, shrink-swell.	Severe: depth to rock.	Moderate: shrink-swell, depth to rock.	Severe: low strength.
Rentsac:					
[1]164:					
Rentsac part	Severe: depth to rock, small stones.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
Ethridge part	Severe: too clayey.	Severe: low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Rivra:					
165	Severe: cutbanks cave, floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods.
Rothiemay:					
166, 168	Moderate: too clayey.	Moderate: low strength, shrink-swell.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Severe: low strength.
167	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness, frost action, low strength.
[1]169:					
Rothiemay part	Moderate: too clayey.	Moderate: low strength, shrink-swell.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Severe: low strength.
Binna part	Severe: cutbanks cave, small stones.	Slight	Slight	Slight	Slight.
[1]170:					
Rothiemay part	Moderate: too clayey.	Moderate: low strength, shrink-swell.	Moderate: shrink-swell, low strength.	Moderate: slope, low strength, shrink-swell.	Severe: low strength.
Binna part	Severe: cutbanks cave, small stones.	Slight	Slight	Moderate: slope.	Slight.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Ryell:					
171	Severe: cutbanks cave, small stones.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: floods, frost action.
[1]172:					
Ryell part	Severe: cutbanks cave, small stones.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: floods, frost action.
Rivra part	Severe: cutbanks cave, floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods.
Scobey:					
173	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
[1]174:					
Scobey part	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
Kevin part	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
Shane:					
175	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: low strength, shrink-swell.	Severe: shrink-swell, low strength.
[1]176:					
Shane part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, low strength, shrink-swell.	Severe: shrink-swell, low strength.
Nobe part	Severe: too clayey.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: floods, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Shawa:					
177	Slight	Moderate: low strength.	Moderate: low strength.	Moderate: slope, low strength.	Moderate: low strength, frost action.
178	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Sheege:					
179	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.
[1]180:					
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Rock outcrop part.					

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Sheege:					
[1]181:					
Sheege part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Whitore part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Sinnigam:					
182	Severe: depth to rock.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.	Severe: depth to rock, low strength.
Straw:					
183	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: low strength, frost action, floods.
184	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.
[1]185:					
Straw part	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.
Rivra part	Severe: cutbanks cave, floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods, wetness.	Severe: floods.
Tally:					
186	Severe: cutbanks cave.	Slight	Slight	Slight	Moderate: low strength, frost action.
187, 189	Severe: cutbanks cave.	Slight	Slight	Moderate: slope.	Moderate: low strength, frost action.
188	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope, frost action, low strength.
[1]190:					
Tally part	Severe: slope, cutbanks cave.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Castner part	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock, slope.
Tanna:					
191	Moderate: depth to rock, too clayey.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell.	Moderate: shrink-swell, low strength.	Severe: low strength.
192	Moderate: depth to rock, too clayey.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
193	Moderate: slope, depth to rock, too clayey.	Moderate: slope, shrink-swell, low strength.	Moderate: depth to rock, shrink-swell, slope.	Severe: slope.	Severe: low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Tanna:					
[1]194:					
Tanna part	Moderate: depth to rock, too clayey.	Moderate: shrink-swell, low strength.	Moderate: depth to rock, shrink-swell.	Moderate: slope, shrink-swell, low strength.	Severe: low strength.
Wabek part	Moderate: cutbanks cave.	Slight	Slight	Moderate: slope.	Slight.
Terrad:					
195	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
196	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Thebo:					
197, 198	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Ticell:					
[1]199:					
Ticell part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.
Tigeron:					
[1]200:					
Tigeron part	Severe: small stones.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope, frost action.
Loggert part	Severe: large stones.	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.
Timberg:					
201	Severe: depth to rock, too clayey.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: low strength, shrink-swell.
202	Severe: depth to rock, too clayey.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.
[1]203:					
Timberg part	Severe: slope, too clayey, depth to rock.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.
Big Timber part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
[1]204:					
Timberg part	Severe: depth to rock, too clayey.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.
Castner part	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Torex:					
205	Severe: cutbanks cave.	Moderate: low strength.	Moderate: low strength.	Moderate: low strength.	Moderate: frost action, low strength.
Turner:					
206	Severe: small stones, cutbanks cave.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell.	Moderate: low strength, shrinke-swell.	Severe: low strength.
Twin Creek:					
207	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: slope, shrink-swell.	Severe: low strength.
208	Moderate: too clayey.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Severe: low strength.
Vanda:					
209	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
210	Severe: too clayey, wetness.	Severe: wetness, shrink-swell, low strength.	Severe: wetness, shrink-swell, low strength.	Severe: wetness, shrink-swell, low strength.	Severe: shrink-swell, low strength, wetness.
Virgelle:					
211	Severe: too sandy, cutbanks cave.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Severe: low strength.
[1]212:					
Virgelle part	Severe: too sandy, cutbanks cave.	Moderate: shrink-swell, low strength.	Moderate: shrink-swell, low strength.	Moderate: low strength, shrink-swell.	Severe: low strength.
Absher part	Severe: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
Wabek:					
213	Moderate: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.
Waybe:					
[1]214:					
Waybe part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Bynum part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
[1]215:					
Waybe part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.
Rock outcrop part.					
Whitore:					
216	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Winifred:					
217	Severe: depth to rock, too clayey.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.
218	Severe: depth to rock, too clayey.	Severe: low strength, shrink-swell.	Severe: low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: low strength, shrink-swell.
[1]219:					
Winifred part	Severe: slope, depth to rock, too clayey.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.	Severe: slope, low strength, shrink-swell.
Yawdim part	Severe: slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength, slope.
Woosley:					
220	Severe: depth to rock.	Moderate: depth to rock, shrink-swell.	Severe: depth to rock.	Moderate: slope, depth to rock, shrink-swell.	Severe: low strength.
221	Severe: slope, depth to rock.	Severe: slope.	Severe: slope, depth to rock.	Severe: slope.	Severe: slope, low strength.
Work:					
222, 223, 224	Moderate: too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.
225	Moderate: slope, too clayey.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
[1]226:					
Work part	Severe: slope, too clayey.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Work part	Severe: slope, too clayey.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: slope, shrink-swell, low strength.	Severe: shrink-swell, low strength.
Yamac:					
227	Slight	Moderate: low strength.	Moderate: low strength.	Moderate: slope, low strength.	Moderate: frost action, low strength.
228	Slight	Moderate: slope, low strength.	Moderate: slope, low strength.	Severe: slope.	Moderate: slope, frost action, low strength.
229, 230	Slight	Moderate: low strength.	Moderate: low strength.	Moderate: low strength.	Moderate: frost action, low strength.

See footnote at end of table.

TABLE 10.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets
Yawdim:					
[1]231:					
Yawdim part----	Severe: too clayey, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength, slope.
Rentsac part---	Severe: slope, depth to rock, small stones.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.	Severe: slope, depth to rock.
Cabbart part---	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
[1]232:					
Yawdim part----	Severe: too clayey, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength, slope.	Severe: shrink-swell, low strength.	Severe: shrink-swell, low strength, slope.
Rock outcrop part.					
Yetull:					
233----------	Severe: cutbanks cave.	Moderate: slope.	Moderate: slope.	Severe: slope.	Moderate: slope.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 11.--RECREATIONAL DEVELOPMENT

[Some of the terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry means the soil was not rated]

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Abor:				
1	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
12:				
Abor part	Severe: percs slowly.	Moderate: too clayey.	Severe: slope, percs slowly.	Moderate: too clayey.
Yawdim part	Severe: too clayey.	Severe: too clayey.	Severe: too clayey, depth to rock, slope.	Severe: too clayey.
13:				
Abor part	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: slope, too clayey, percs slowly.	Severe: too clayey.
Yawdim part	Severe: too clayey.	Severe: too clayey.	Severe: too clayey, depth to rock, slope.	Severe: too clayey.
Absarokee:				
4	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
5	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
6	Moderate: slope, percs slowly, too clayey.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
17:				
Absarokee part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Borky part	Severe: slope.	Severe: slope.	Severe: slope, large stones, small stones.	Severe: slope.
Blythe part	Severe: slope, percs slowly.	Severe: slope.	Severe: slope, percs slowly.	Severe: slope.
18:				
Absarokee part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
Sinnigam part	Moderate: too clayey, small stones, percs slowly.	Moderate: too clayey, small stones.	Severe: depth to rock, small stones.	Moderate: small stones, too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Absher:				
[1]9:				
Absher part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Absher part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
[1]10:				
Absher part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Nobe part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
Acel:				
11	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
12	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
Adel:				
13	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
Aquepts:				
[1]14:				
Aquepts part	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
Aquolls part	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
Assinniboine:				
15	Slight	Slight	Moderate: slope.	Slight.
16	Slight	Slight	Severe: slope.	Slight.
[1]17:				
Assinniboine part	Slight	Slight	Slight	Slight.
Absher part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Azaar:				
18	Moderate: percs slowly.	Slight	Moderate: slope, percs slowly, depth to rock.	Slight.
Benz:				
19	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
20	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Big Timber:				
[1]21:				
Big Timber part	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Big Timber:				
Castner part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, small stones.	Moderate: slope, small stones.
[1]22:				
Big Timber part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Castner part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope, small stones.	Severe: slope.
Binna:				
23, 25	Slight	Slight	Moderate: slope.	Slight.
24	Slight	Slight	Slight	Slight.
26	Moderate: large stones.	Moderate: large stones.	Moderate: large stones.	Slight.
[1]27:				
Binna part	Slight	Slight	Severe: slope.	Slight.
Evanston part	Moderate: too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Bitton:				
[1]28:				
Bitton part	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.
Roy part	Severe: slope.	Severe: slope.	Severe: slope, small stones.	Severe: slope.
Blythe:				
29	Severe: percs slowly.	Moderate: dusty.	Severe: percs slowly.	Moderate: dusty.
30	Severe: percs slowly.	Moderate: dusty.	Severe: slope, percs slowly.	Moderate: dusty.
31	Severe: slope, percs slowly.	Severe: slope.	Severe: slope, percs slowly.	Moderate: slope, dusty.
Borky:				
[1]32:				
Borky part	Moderate: small stones, large stones, slope.	Moderate: small stones, slope, large stones.	Severe: slope, large stones, small stones.	Moderate: small stones, large stones.
Sinnigam part	Severe: small stones, large stones.	Severe: small stones, large stones.	Severe: small stones, slope, large stones.	Severe: small stones, large stones.
Bridger:				
33	Moderate: percs slowly.	Slight	Severe: slope.	Slight.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Bridger:				
34	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
Cargill:				
35	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, depth to rock, too clayey.	Moderate: too clayey.
[1]36:				
Cargill part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Cabbart part	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
Castner:				
37	Slight	Slight	Severe: depth to rock.	Slight.
[1]38	Moderate: small stones, slope.	Moderate: small stones, slope.	Severe: depth to rock, slope.	Moderate: small stones.
[1]39:				
Castner part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.
Perma part	Severe: large stones, small stones, slope.	Severe: large stones, small stones, slope.	Severe: slope, small stones, large stones.	Severe: slope, large stones, small stones.
Rock outcrop part.				
[1]40:				
Castner part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock, large stones.	Moderate: slope, large stones.
Reeder part	Severe: slope.	Severe: slope.	Severe: slope.	Slight.
Cheadle:				
41	Moderate: slope, large stones.	Moderate: slope, large stones.	Severe: slope, depth to rock, large stones.	Moderate: large stones.
[1]42:				
Cheadle part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock, large stones.	Severe: slope.
Hilger part	Severe: slope.	Severe: slope.	Severe: slope, large stones, small stones.	Severe: slope.
[1]43:				
Cheadle part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock, large stones.	Severe: slope.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Cheadle:				
Loggert part	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.
Crago:				
44	Moderate: small stones, percs slowly.	Moderate: small stones.	Severe: small stones.	Moderate: small stones.
45	Severe: large stones.	Severe: large stones.	Severe: slope, small stones, large stones.	Severe: large stones.
146:				
Crago part	Severe: slope, small stones, large stones.	Severe: slope, small stones, large stones.	Severe: slope, small stones, large stones.	Severe: slope, small stones, large stones.
Yawdim part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.
Danvers:				
47	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
Darret:				
48	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
149:				
Darret part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Castner part	Moderate: small stones.	Moderate: small stones.	Severe: depth to rock.	Moderate: small stones.
150:				
Darret part	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
Castner part	Moderate: small stones, slope.	Moderate: small stones, slope.	Severe: depth to rock, slope.	Moderate: small stones.
Dast:				
151:				
Dast part	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
Rentsac part	Severe: small stones.	Severe: small stones.	Severe: small stones, slope, depth to rock.	Severe: small stones.
Delpoint:				
52	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Dooley:				
53	Slight	Slight	Moderate: slope.	Slight.
54	Slight	Slight	Severe: slope.	Slight.
55	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
Dutton:				
56	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
57	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
Eltsac:				
58, 59	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: slope, too clayey, percs slowly.	Severe: too clayey.
[1]60:				
Eltsac part	Severe: slope, percs slowly, too clayey.	Severe: slope, too clayey.	Severe: slope, too clayey, percs slowly.	Severe: slope, too clayey.
Lisam part	Severe: too clayey, slope.	Severe: too clayey, slope.	Severe: too clayey, depth to rock, slope.	Severe: too clayey, slope.
Ernem:				
61	Slight	Slight	Severe: depth to rock.	Slight.
62	Severe: large stones.	Severe: large stones.	Severe: slope, depth to rock, large stones.	Severe: large stones.
Ervide:				
63	Moderate: too sandy.	Moderate: too sandy.	Moderate: slope, depth to rock, too sandy.	Moderate: too sandy.
64	Slight	Slight	Moderate: slope, depth to rock.	Slight.
Ethridge:				
65	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
66	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
[1]67:				
Ethridge part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Ethridge:				
Kobar part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
[1]68:				
Ethridge part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
Kobar part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Evanston:				
69	Slight	Slight	Moderate: slope.	Slight.
70	Slight	Slight	Severe: slope.	Slight.
71	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.
72	Moderate: too clayey.	Moderate: too clayey.	Severe: slope, small stones.	Moderate: small stones, too clayey.
Fairfield:				
73	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
74	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Farnuf:				
75	Slight	Slight	Slight	Slight.
76	Slight	Slight	Moderate: slope.	Slight.
77	Slight	Slight	Severe: slope.	Slight.
Fergus:				
78	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
79	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
80	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
[1]81:				
Fergus part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Fergus:				
Absher part	Severe: percs slowly.	Slight	Severe: percs slowly.	Slight.
Floweree:				
182	Moderate: percs slowly, dusty.	Moderate: dusty.	Moderate: slope, percs slowly, dusty.	Moderate: dusty.
Fluventic Haplaquolls:				
183	Severe: wetness.	Severe: wetness.	Severe: wetness, floods.	Severe: wetness.
Fluventic Haploborolls:				
184	Severe: floods.	Slight	Severe: floods.	Slight.
Gerber:				
85	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
186:				
Gerber part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Acel part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
187:				
Gerber part	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.
Lawther part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
188:				
Gerber part	Severe: too clayey.	Severe: too clayey.	Severe: slope, too clayey.	Severe: too clayey.
Lawther part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly, slope.	Severe: too clayey.
Glendive:				
89	Slight	Slight	Slight	Slight.
Hanson:				
90	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
191:				
Hanson part	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
Sheege part	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: large stones, small stones.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Hanson:				
[1]92:				
Hanson part	Severe: slope.	Severe: slope.	Severe: slope.	Severe.
Sheege part	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: slope, large stones, small stones.
[1]93:				
Hanson part	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Moderate: slope, large stones.
Skaggs part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Harlem:				
94	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
95	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.
Havre:				
96, 98	Slight	Slight	Slight	Slight.
97	Slight	Slight	Moderate: slope.	Slight.
Hilger:				
99	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.
100	Severe: large stones, slope.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.
[1]101:				
Hilger part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Castner part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.
Hillon:				
102	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Ipano:				
103	Slight	Slight	Moderate: depth to rock.	Slight.
[1]104:				
Ipano part	Moderate: slope.	Moderate: slope.	Moderate: slope, depth to rock.	Slight.
Castner part	Moderate: small stones, slope.	Moderate: small stones, slope.	Severe: depth to rock, slope.	Moderate: small stones.
[1]105:				
Ipano part	Slight	Slight	Moderate: depth to rock.	Slight.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Ipano:				
Hillon part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
[1]106:				
Ipano part	Slight	Slight	Moderate: slope, depth to rock.	Slight.
Hillon part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
[1]107:				
Ipano part	Slight	Slight	Moderate: depth to rock.	Slight.
Ticell part	Slight	Slight	Severe: depth to rock.	Slight.
[1]108:				
Ipano part	Slight	Slight	Moderate: slope, depth to rock.	Slight.
Ticell part	Slight	Slight	Severe: slope, depth to rock.	Slight.
Judith:				
109, 111	Slight	Slight	Moderate: slope.	Slight.
110	Slight	Slight	Severe: slope.	Slight.
Kevin:				
[1]112:				
Kevin part	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
Hillon part	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
[1]113:				
Kevin part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Scobey part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Kobar:				
114	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
115	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Kobar:				
116	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
[1]117:				
Kobar part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Marias part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
Korent:				
118	Slight	Slight	Slight	Slight.
Lallie:				
119	Severe: wetness, floods.	Severe: wetness, floods.	Severe: wetness, floods.	Severe: wetness, floods.
Lambeth:				
[1]120:				
Lambeth part	Severe: percs slowly.	Moderate: dusty.	Severe: percs slowly.	Moderate: dusty.
Floweree part	Moderate: percs slowly.	Moderate: dusty.	Moderate: slope, percs slowly.	Moderate: dusty.
[1]121:				
Lambeth part	Severe: slope, percs slowly.	Severe: slope.	Severe: slope, percs slowly.	Severe: slope.
Lothair part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Lawther:				
122, 123	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
[1]124:				
Lawther part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
Gerber part	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
Lennep:				
[1]125:				
Lennep part	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
Nobe part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Libeg:				
126	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: slope, large stones.	Severe: large stones, small stones.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Lihen:				
127	Moderate: too sandy.	Moderate: too sandy.	Moderate: slope, too sandy.	Moderate: too sandy.
128	Moderate: slope, too sandy.	Moderate: slope, too sandy.	Severe: slope.	Moderate: too sandy.
Linnet:				
[1]129:				
Linnet part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
Acel part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
[1]130:				
Linnet part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
Acel part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
[1]131:				
Linnet part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
Marias part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
[1]132:				
Linnet part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
Marias part	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
Lisam:				
[1]133:				
Lisam part	Severe: too clayey, slope.	Severe: too clayey, slope.	Severe: too clayey, depth to rock, slope.	Severe: too clayey, slope.
Rock outcrop part.				
Loberg:				
134	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.
[1]135:				
Loberg part	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.
Cheadle part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.	Severe: slope.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Loggert:				
136	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.
137	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.	Severe: slope, large stones.
Lothair:				
138	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope, too clayey.
Marias:				
139, 140	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: too clayey, percs slowly.	Severe: too clayey.
141	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: slope, too clayey, percs slowly.	Severe: too clayey.
Marmarth:				
142	Moderate: too clayey.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
Marvan:				
143, 144, 145	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: percs slowly, too clayey.	Severe: too clayey.
McKenzie:				
146	Severe: floods, percs slowly.	Moderate: too clayey.	Severe: floods, percs slowly.	Moderate: too clayey.
147	Severe: floods, percs slowly, too clayey.	Severe: too clayey.	Severe: floods, percs slowly, too clayey.	Severe: too clayey.
Monad:				
148	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
149	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
[1]150:				
Monad part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Libeg part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Pendroy:				
151, 152	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: percs slowly, too clayey.	Severe: too clayey.
153	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: slope, percs slowly, too clayey.	Severe: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Perma:				
154	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: small stones, large stones.	Severe: large stones, small stones.
Pylon:				
155	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Raynesford:				
156	Moderate: slope, percs slowly.	Moderate: slope.	Severe: slope.	Slight.
157	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
[1]158:				
Raynesford part	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
Skaggs part	Slight	Slight	Severe: slope.	Slight.
[1]159:				
Raynesford part	Moderate: slope, percs slowly.	Moderate: slope.	Severe: slope.	Slight.
Skaggs part	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
[1]160:				
Raynesford part	Moderate: slope, percs slowly.	Moderate: slope.	Severe: slope.	Slight.
Sheege part	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: large stones, small stones.
Reeder:				
161	Slight	Slight	Moderate: slope, depth to rock.	Slight.
162	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
Reeder variant:				
163	Moderate: dusty.	Moderate: dusty.	Moderate: slope, depth to rock, dusty.	Moderate: dusty.
Rentsac:				
[1]164:				
Rentsac part	Severe: small stones, large stones.	Severe: small stones, large stones.	Severe: small stones, slope, large stones.	Severe: small stones, large stones.
Ethridge part	Moderate: slope, percs slowly, too clayey.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Rivra:				
165	Moderate: small stones.	Moderate: small stones.	Severe: small stones.	Moderate: small stones.
Rothiemay:				
166	Moderate: percs slowly.	Slight	Moderate: percs slowly.	Slight.
167	Severe: wetness.	Severe: wetness.	Severe: wetness.	Severe: wetness.
168	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: percs slowly, too clayey.	Moderate: too clayey.
[1]169:				
Rothiemay part	Moderate: percs slowly.	Slight	Moderate: slope, percs slowly.	Slight.
Binna part	Slight	Slight	Moderate: slope.	Slight.
[1]170:				
Rothiemay part	Moderate: percs slowly.	Slight	Severe: slope.	Slight.
Binna part	Slight	Slight	Severe: slope.	Slight.
Ryell:				
171	Slight	Slight	Slight	Slight.
[1]172:				
Ryell part	Slight	Slight	Slight	Slight.
Rivra part	Moderate: small stones.	Moderate: small stones.	Severe: small stones.	Moderate: small stones.
Scobey:				
173	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
[1]174:				
Scobey part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
Kevin part	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
Shane:				
175	Severe: percs slowly.	Moderate: too clayey.	Severe: slope, percs slowly.	Moderate: too clayey.
[1]176:				
Shane part	Severe: percs slowly.	Moderate: slope.	Severe: slope, percs slowly.	Slight.
Nobe part	Severe: percs slowly.	Moderate: slope, too clayey.	Severe: percs slowly.	Moderate: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Shawa:				
177	Slight	Slight	Severe: slope.	Slight.
178	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
Sheege:				
179	Severe: large stones, small stones.	Severe: large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: large stones, small stones.
[1]180:				
Sheege part	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: slope, large stones, small stones.
Rock outcrop part.				
[1]181:				
Sheege part	Severe: slope, large stones, small stones.	Severe: slope, large stones, small stones.	Severe: slope, depth to rock, large stones.	Severe: slope, large stones, small stones.
Whitore part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Sinnigam:				
182	Moderate: percs slowly.	Slight	Severe: depth to rock.	Slight.
Straw:				
183	Slight	Slight	Slight	Slight.
184	Severe: floods.	Moderate: too clayey.	Moderate: floods, too clayey.	Moderate: too clayey.
[1]185:				
Straw part	Severe: floods.	Slight	Moderate: floods.	Slight.
Rivra part	Severe: floods, wetness.	Severe: wetness.	Severe: small stones, wetness.	Severe: wetness.
Tally:				
186	Slight	Slight	Slight	Slight.
187, 189	Slight	Slight	Moderate: slope.	Slight.
188	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
[1]190:				
Tally part	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
Castner part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Tanna:				
191	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: depth to rock, too clayey.	Moderate: too clayey.
192	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, depth to rock, too clayey.	Moderate: too clayey.
193	Moderate: slope, percs slowly, too clayey.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
[1]194:				
Tanna part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Wabek part	Slight	Slight	Severe: slope.	Slight.
Terrad:				
195	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.	Severe: too clayey.
196	Severe: too clayey.	Severe: too clayey.	Severe: slope, too clayey.	Severe: too clayey.
Thebo:				
197	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: percs slowly, too clayey.	Severe: too clayey.
198	Severe: percs slowly, too clayey.	Severe: too clayey.	Severe: slope, percs slowly, too clayey.	Severe: too clayey.
Ticell:				
[1]199:				
Ticell part	Slight	Slight	Severe: depth to rock.	Slight.
Castner part	Moderate: small stones.	Moderate: small stones.	Severe: depth to rock.	Moderate: small stones.
Tigeron:				
[1]200:				
Tigeron part	Moderate: large stones, slope.	Moderate: slope, large stones.	Severe: slope, large stones.	Moderate: large stones.
Loggert part	Severe: large stones.	Severe: large stones.	Severe: slope, large stones.	Severe: large stones.
Timberg:				
201	Moderate: slope, percs slowly, too clayey.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
202	Severe: too clayey.	Severe: too clayey.	Severe: slope, too clayey.	Severe: too clayey.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Timberg:				
[1]203:				
Timberg part	Severe: slope, too clayey.	Severe: slope, too clayey.	Severe: slope, too clayey.	Severe: slope, too clayey.
Big Timber part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.	Severe: slope.
[1]204:				
Timberg part	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
Castner part	Moderate: small stones.	Moderate: small stones.	Severe: depth to rock, slope.	Moderate: small stones.
Torex:				
205	Moderate: too sandy.	Moderate: too sandy.	Moderate: slope, too sandy.	Moderate: too sandy.
Turner:				
206	Slight	Slight	Moderate: slope.	Slight.
Twin Creek:				
207	Slight	Slight	Moderate: slope.	Slight.
208	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.
Vanda:				
209	Severe: too clayey, percs slowly.	Severe: too clayey.	Severe: percs slowly, too clayey.	Severe: too clayey.
210	Severe: wetness, too clayey, percs slowly.	Severe: wetness, too clayey.	Severe: wetness, too clayey, percs slowly.	Severe: wetness, too clayey.
Virgelle:				
211	Moderate: too sandy.	Moderate: too sandy.	Moderate: too sandy.	Moderate: too sandy.
[1]212:				
Virgelle part	Moderate: too sandy.	Moderate: too sandy.	Moderate: too sandy.	Moderate: too sandy.
Absher part	Severe: percs slowly.	Moderate: too clayey.	Severe: percs slowly.	Moderate: too clayey.
Wabek:				
213	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
Waybe:				
[1]214:				
Waybe part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.	Severe: slope.
Bynum part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Waybe:				
[1]215:				
Waybe part	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Severe: slope.
Rock outcrop part.				
Whitore:				
216	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Winifred:				
217	Moderate: percs slowly, too clayey.	Moderate: too clayey.	Moderate: slope, percs slowly, too clayey.	Moderate: too clayey.
218	Moderate: slope, percs slowly, too clayey.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
[1]219:				
Winifred part	Severe: slope.	Severe: slope.	Severe: slope.	Severe: slope.
Yawdim part	Severe: too clayey, slope.	Severe: too clayey, slope.	Severe: too clayey, depth to rock, slope.	Severe: too clayey, slope.
Woosley:				
220	Moderate: dusty.	Moderate: dusty.	Severe: slope, depth to rock.	Moderate: dusty.
221	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.	Moderate: slope, dusty.
Work:				
222	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: too clayey, percs slowly.	Moderate: too clayey.
223	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Moderate: slope, too clayey, percs slowly.	Moderate: too clayey.
224	Moderate: too clayey, percs slowly.	Moderate: too clayey.	Severe: slope.	Moderate: too clayey.
225	Moderate: slope, too clayey, percs slowly.	Moderate: slope, too clayey.	Severe: slope.	Moderate: too clayey.
[1]226:				
Work part	Severe: slope.	Severe: slope.	Severe: slope.	Moderate: slope.
Work part	Severe: slope.	Severe: slope.	Severe: slope, large stones.	Moderate: slope, large stones.

See footnote at end of table.

TABLE 11.--RECREATIONAL DEVELOPMENT--Continued

Soil name and map symbol	Camp areas	Picnic areas	Playgrounds	Paths and trails
Yamac:				
227	Slight	Slight	Severe: slope.	Slight.
228	Moderate: slope.	Moderate: slope.	Severe: slope.	Slight.
229	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.	Moderate: too clayey.
230	Moderate: too clayey.	Moderate: too clayey.	Moderate: slope, too clayey.	Moderate: too clayey.
Yawdim:				
[1]231:				
Yawdim part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.
Rentsac part	Severe: slope.	Severe: slope.	Severe: small stones, slope.	Severe: slope.
Cabbart part	Severe: slope.	Severe: slope.	Severe: slope, depth to rock.	Severe: slope.
[1]232:				
Yawdim part	Severe: slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.
Rock outcrop part.				
Yetull:				
233	Moderate: too sandy.	Moderate: too sandy.	Severe: slope.	Moderate: too sandy.

[1]This map unit is made up of two or more dominant kinds of soil. See map unit description for the composition and behavior of the whole map unit.

TABLE 12.--CLASSIFICATION OF THE SOILS

Soil name	Family or higher taxonomic class
Abor	Fine, montmorillonitic Borollic Vertic Camborthids
Absarokee	Fine, montmorillonitic Typic Argiborolls
Absher	Fine, montmorillonitic Borollic Natrargids
Acel	Fine, montmorillonitic Mollic Eutroboralfs
Adel	Fine-loamy, mixed Pachic Cryoborolls
Aquepts	Aquepts
Aquolls	Aquolls
Assinniboine	Fine-loamy, mixed Aridic Argiborolls
Azaar	Fine-loamy, mixed Typic Haploborolls
Benz	Fine-loamy, mixed (calcareous), frigid Ustic Torriorthents
Big Timber	Clayey, mixed, shallow Entic Haploborolls
Binna	Fine-loamy over sandy or sandy-skeletal, mixed Aridic Calciborolls
Bitton	Loamy-skeletal, mixed Entic Haploborolls
Blythe	Very-fine, montmorillonitic Abruptic Argiborolls
Borky	Clayey-skeletal, mixed Typic Argiborolls
Bridger	Fine, mixed Argic Cryoborolls
Bynum	Fine-loamy, mixed Typic Cryoborolls
Cabbart	Loamy, mixed (calcareous), frigid, shallow Ustic Torriorthents
Cargill	Fine-silty, mixed Borollic Calciorthids
Castner	Loamy-skeletal, mixed Lithic Haploborolls
Cheadle	Loamy-skeletal, mixed Lithic Cryoborolls
Crago	Loamy-skeletal, carbonatic Borollic Calciorthids
Danvers	Fine, montmorillonitic Typic Argiborolls
Darret	Fine, mixed Typic Argiborolls
Dast	Coarse-loamy, mixed (calcareous), frigid Typic Ustorthents
Delpoint	Fine-loamy, mixed Borollic Camborthids
Dooley	Fine-loamy, mixed Typic Argiborolls
Dutton	Fine, montmorillonitic Ustertic Argiborolls
Eltsac	Very-fine, montmorillonitic (calcareous), frigid Vertic Ustorthents
Ernem	Clayey-skeletal, mixed Lithic Argiborolls
Ervide	Sandy over loamy, mixed Entic Haploborolls
Ethridge	Fine, montmorillonitic Aridic Argiborolls
Evanston	Fine-loamy, mixed Aridic Argiborolls
Fairfield	Fine-loamy, mixed Typic Argiborolls
Farnuf	Fine-loamy, mixed Typic Argiborolls
Fergus	Fine, mixed Typic Argiborolls
Floweree	Fine-silty, mixed Aridic Haploborolls
Fluventic Haplaquolls	Fluventic Haplaquolls
Fluventic Haploborolls	Fluventic Haploborolls
Gerber	Fine, montmorillonitic Vertic Argiborolls
Glendive	Coarse-loamy, mixed (calcareous), frigid Ustic Torrifluvents
Hanson	Loamy-skeletal, carbonatic Calcic Cryoborolls
Harlem	Fine, montmorillonitic (calcareous), frigid Ustic Torrifluvents
Havre	Fine-loamy, mixed (calcareous), frigid Ustic Torrifluvents
Hilger	Loamy-skeletal, mixed Typic Argiborolls
Hillon	Fine-loamy, mixed (calcareous), frigid Ustic Torriorthents
Ipano	Fine-loamy, mixed Typic Calciborolls
Judith	Fine-loamy, carbonatic Typic Calciborolls
Kevin	Fine-loamy, mixed Aridic Argiborolls
Kobar	Fine, montmorillonitic Borollic Camborthids
Korent	Fine-loamy, mixed (calcareous), frigid Mollic Ustifluvents
Lallie	Fine, montmorillonitic (calcareous), frigid Typic Fluvaquents
Lambeth	Fine-silty, mixed (calcareous), frigid Ustic Torriorthents
Lawther	Fine, montmorillonitic Vertic Haploborolls
Lennep	Fine, montmorillonitic Glossic Natriborolls
Libeg	Loamy-skeletal, mixed Argic Cryoborolls
Lihen	Sandy, mixed Entic Haploborolls
Linnet	Fine, montmorillonitic Ustertic Argiborolls
Lisam	Clayey, montmorillonitic (calcareous), frigid, shallow Ustic Torriorthents
Loberg	Clayey-skeletal, mixed Typic Cryoboralfs
Loggert	Loamy-skeletal, mixed Mollic Eutroboralfs
Lothair	Fine, mixed (calcareous), frigid Ustic Torriorthents
Marias	Fine, montmorillonitic (calcareous), frigid Ustertic Torriorthents
Marmarth	Fine-loamy, mixed Aridic Argiborolls
Marvan	Fine, montmorillonitic (calcareous), frigid Ustertic Torriorthents
McKenzie	Fine, montmorillonitic (calcareous), frigid Typic Haplaquepts
Monad	Fine-loamy, mixed Argic Cryoborolls
Nobe	Fine, montmorillonitic (calcareous), frigid Ustic Torriorthents
Pendroy	Very-fine, montmorillonitic (calcareous), frigid Ustertic Torriorthents
Perma	Loamy-skeletal, mixed Typic Haploborolls
Pylon	Fine, montmorillonitic Typic Eutroboralfs

TABLE 12.--CLASSIFICATION OF THE SOILS--Continued

Soil name	Family or higher taxonomic class
Raynesford	Fine-loamy, carbonatic Calcic Cryoborolls
Reeder	Fine loamy, mixed Typic Argiborolls
Reeder variant	Fine loamy, mixed Typic Argiborolls
Rentsac	Loamy-skeletal, mixed (calcareous), frigid Lithic Ustic Torriorthents
Rivra	Sandy-skeletal, mixed, frigid Ustic Torrifluvents
Rothiemay	Fine-loamy, mixed Aridic Calciborolls
Roy	Clayey-skeletal, mixed Typic Argiborolls
Ryell	Coarse-loamy over sandy or sandy-skeletal, mixed (calcareous), frigid Ustic Torrifluvents
Scobey	Fine, montmorillonitic Aridic Argiborolls
Shane	Very-fine, montmorillonitic Abruptic Argiborolls
Shawa	Fine-loamy, mixed Pachic Haploborolls
Sheege	Loamy-skeletal, carbonatic Cryic Lithic Rendolls
Sinnigam	Clayey-skeletal, mixed Lithic Argiborolls
Skaggs	Loamy-skeletal, carbonatic Calcic Cryoborolls
Straw	Fine-loamy, mixed Cumulic Haploborolls
Tally	Coarse-loamy, mixed Typic Haploborolls
Tanna	Fine, montmorillonitic Aridic Argiborolls
Terrad	Fine, mixed Typic Argiborolls
Thebo	Very-fine, montmorillonitic (calcareous), frigid Ustertic Torriorthents
Ticell	Loamy, mixed Lithic Calciborolls
Tigeron	Loamy-skeletal, mixed Typic Eutroboralfs
Timberg	Fine, mixed Typic Haploborolls
Torex	Sandy over loamy, mixed Entic Haploborolls
Turner	Fine-loamy over sandy or sandy-skeletal, mixed Typic Argiborolls
Twin Creek	Fine-loamy, mixed Typic Haploborolls
Vanda	Fine, montmorillonitic (calcareous), frigid Ustic Torriorthents
Virgelle	Sandy over clayey, mixed Entic Haploborolls
Wabek	Sandy-skeletal, mixed Entic Haploborolls
Waybe	Clayey, mixed (calcareous), shallow Typic Cryorthents
Whitore	Loamy-skeletal, carbonatic Typic Cryochrepts
Winifred	Fine, montmorillonitic Typic Haploborolls
Woosley	Fine-loamy, mixed Argic Cryoborolls
Work	Fine, montmorillonitic Typic Argiborolls
Yamac	Fine-loamy, mixed Borollic Camborthids
Yawdim	Clayey, montmorillonitic (calcareous), frigid, shallow Ustic Torriorthents
Yetull	Mixed, frigid Ustic Torripsamments

TABLE 13.--TEMPERATURE AND PRECIPITATION DATA
[Data from Great Falls Weather Bureau, Great Falls, Montana]

Month	Temperature				Precipitation
	Average daily maximum[1]	Average daily minimum[1]	2 years in 10 will have at least 4 days with--		Average[1]
			Maximum temperature equal to or higher than--[2]	Minimum temperature equal to or lower than--[2]	
	°F	°F	°F	°F	In
January	29.3	11.6	48	-25	0.9
February	35.9	17.2	57	- 2	0.8
March	40.4	20.6	63	- 3	1.0
April	54.5	32.3	70	+ 8	1.2
May	65.0	41.5	82	+23	2.4
June	72.1	49.5	93	+32	3.1
July	83.7	54.9	94	+42	1.3
August	81.8	53.0	95	+38	1.1
September	70.0	44.6	89	+23	1.2
October	59.4	37.1	75	+14	0.7
November	43.4	25.7	59	-15	0.8
December	34.7	18.2	54	-20	0.7
Year	45.9	33.8			15.2

[1]Period of record 1941-70.
[2]Period of record 1961-70.

TABLE 14.--FREEZE DATES IN SPRING AND FALL

[Recorded in the period 1961-70 at Great Falls Weather Bureau, Great Falls, Montana]

Probability	Dates for given probability and temperature		
	24°F or lower	28°F or lower	32°F or lower
Spring:			
1 year in 10 later than	March 28	April 12	April 28
2 years in 10 later than	March 30	April 17	April 30
5 years in 10 later than	April 22	April 27	May 13
Fall:			
1 year in 10 earlier than	Sept. 18	Sept. 14	Sept. 7
2 years in 10 earlier than	Oct. 6	Sept. 16	Sept. 11
5 years in 10 earlier than	Oct. 20	Oct. 11	Sept. 21

★ U.S. GOVERNMENT PRINTING OFFICE: 1982 273-059/1078

U. S. DEPARTMENT OF AGRICULTURE

Soil Conservation Service

Washington, D. C. 20013

Soil Survey of Cascade County Area, Montana

E R R A T A

Several entries in Table 14, page 329, are in error.

Substitute the revised table given below.

TABLE 14.--FREEZE DATES IN SPRING AND FALL

[Recorded in the period 1961-70 at Great Falls, Weather Bureau, Great Falls, Montana]

Probability	Dates for given probability and temperature		
	24 °F or lower	28 °F or lower	32 °F or lower
Spring:			
1 year in 10 later than-----	April 22	April 27	May 13
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5 years in 10 later than-----	March 28	April 12	April 28
Fall:			
1 year in 10 earlier than---	Sept. 18	Sept. 14	Sept. 7
2 years in 10 earlier than---	Oct. 6	Sept. 16	Sept. 11
5 years in 10 earlier than---	Oct. 20	Oct. 11	Sept. 21

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