

TABLE 19.--PHYSICAL AND CHEMICAL PROPERTIES OF SOILS--Continued

Soil name and map symbol	Depth	Permeability	Available water capacity	Soil reaction	Salinity	Shrink- swell potential	Erosion factors		Wind erodibility group
							K	T	
	In	In/hr	In/in	pH	Mmhos/cm				
MBE*: Maitland-----	0-11	0.6-2.0	0.16-0.19	5.1-6.5	<2	Low-----	0.28	5	6
	11-44	0.6-2.0	0.16-0.20	5.1-6.5	<2	Moderate	0.28		
	44-60	0.6-2.0	0.12-0.18	5.6-7.8	<2	Moderate	0.28		
McD*: Midway-----	0-16	0.06-0.2	0.12-0.17	7.9-9.0	2-8	High-----	0.37	2	4
	16-30	---	---	---	---	---	---		
Razor-----	0-3	0.06-0.2	0.12-0.18	7.4-8.4	<2	Moderate	0.37	2	7
	3-34	0.06-0.2	0.12-0.18	7.4-8.4	<4	High-----	0.37		
	34-60	---	---	---	---	---	---		
NaB, NaC-----	0-6	0.6-2.0	0.17-0.20	6.6-7.8	<2	Low-----	0.32	5	4L
Nevee-----	6-60	0.6-2.0	0.12-0.20	7.4-9.0	2-4	Low-----	0.43		
NbD*: Nevee-----	0-6	0.6-2.0	0.17-0.20	6.6-7.8	<2	Low-----	0.32	5	4L
	6-60	0.6-2.0	0.12-0.20	7.4-9.0	2-4	Low-----	0.43		
Spearfish-----	0-7	0.6-2.0	0.16-0.22	6.6-8.4	<2	Low-----	0.32	2	4L
	7-12	0.6-2.0	0.15-0.20	7.4-8.4	<2	Low-----	0.32		
	12-60	---	---	---	---	---	---		
Rock outcrop.									
NcD-----	0-8	0.6-2.0	0.12-0.16	7.4-7.8	<2	Low-----	0.24	2	5
Nihill-----	8-60	2.0-6.0	0.07-0.09	7.4-8.4	<4	Low-----	0.20		
NdA, NdB, NdC----	0-5	0.2-2.0	0.15-0.20	6.1-7.8	<2	Moderate	0.24	5	6
Nunn-----	5-25	0.06-0.6	0.15-0.18	6.6-8.4	<2	High-----	0.28		
	25-60	0.2-2.0	0.10-0.18	7.4-8.4	<2	Moderate	0.24		
PAE*-----	0-9	0.6-2.0	0.12-0.15	5.5-7.3	<2	Low-----	0.28	5	8
Pactola-----	9-22	0.6-2.0	0.09-0.13	5.5-7.3	<2	Moderate	0.37		
	22-45	0.6-2.0	0.09-0.13	5.5-7.3	<2	Moderate	0.37		
	45-60	0.6-2.0	0.09-0.13	6.1-7.3	<2	Moderate	0.37		
Rock outcrop.									
PbE*: Paunsaugunt-----	0-5	0.6-2.0	0.13-0.15	7.4-8.4	<2	Low-----	0.20	1	8
	5-17	2.0-6.0	0.06-0.08	7.4-8.4	<2	Low-----	0.17		
	17-30	---	---	---	---	---	---		
Rock outcrop.									
PcB, PcD-----	0-3	<0.06	0.08-0.12	6.1-7.3	<2	High-----	0.37	4	4
Pierre-----	3-29	<0.06	0.08-0.12	6.6-8.4	<2	High-----	0.37		
	29-60	---	---	---	---	---	---		
Pe*. Pits									
RaE: Rekop-----	0-4	0.6-2.0	0.16-0.18	7.9-9.0	2-4	Low-----	0.37	2	4L
	4-18	0.6-2.0	0.12-0.18	7.9-9.0	2-4	Low-----	0.43		
	18-60	---	---	---	---	---	---		
Gypnevee-----	0-7	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low-----	0.37	5	4L
	7-60	0.6-2.0	0.19-0.21	7.4-8.4	<2	Low-----	0.37		
Rock outcrop.									
RBF*: Rock outcrop.									

See footnote at end of table.