

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				
RBF*:									
Pactola-----	0-9	0.6-2.0	0.12-0.15	6.1-7.3	<2	Low-----	0.28	5	8
	9-22	0.6-2.0	0.09-0.13	6.1-7.3	<2	Moderate	0.37		
	22-45	0.6-2.0	0.09-0.13	6.1-7.3	<2	Moderate	0.37		
	45-60	0.6-2.0	0.09-0.13	6.1-7.3	<2	Moderate	0.37		
RCF*:									
Rock outcrop.									
Vanocker-----	0-4	0.6-2.0	0.18-0.20	6.1-7.3	<2	Moderate	0.24	5	8
	4-60	0.6-2.0	0.09-0.11	5.6-7.8	<2	Moderate	0.24		
SaA, SaB, SaC----	0-7	0.6-2.0	0.20-0.22	6.1-7.8	<2	Low-----	0.28	5	5
Satanta	7-60	0.6-2.0	0.15-0.19	6.6-8.4	<2	Moderate	0.28		
SbA, SbB-----	0-7	0.6-2.0	0.19-0.22	6.1-7.3	<2	Moderate	0.32	5	6
Savo	7-18	0.2-2.0	0.11-0.19	6.6-7.3	<2	High-----	0.43		
	18-60	0.2-2.0	0.11-0.17	7.4-8.4	<2	High-----	0.43		
ScD*:									
Snomo-----	0-6	0.6-2.0	0.10-0.14	5.1-6.5	<2	High-----	0.28	5	8
	6-45	0.6-2.0	0.08-0.12	3.6-5.5	<2	High-----	0.28		
	45-49	0.6-2.0	0.08-0.12	3.6-5.0	<2	High-----	0.28		
	49-60	---	---	---	---	---	---		
Rock outcrop.									
Sd-----	0-60	<0.2	0.08-0.16	5.1-6.5	<2	High-----	0.37	5	4
Stetter Variant									
SEE*-----	0-7	0.6-2.0	0.17-0.20	5.6-6.5	<2	Low-----	0.37	5	5
Stovho	7-28	0.2-0.6	0.14-0.17	5.6-7.3	<2	High-----	0.37		
	28-36	0.2-2.0	0.14-0.17	5.6-7.8	<2	Moderate	0.37		
	36-60	0.2-2.0	0.12-0.15	7.4-8.4	<2	Moderate	0.37		
SGF*:									
Stovho-----	0-7	0.6-2.0	0.17-0.20	5.6-6.5	<2	Low-----	0.37	5	5
	7-28	0.2-0.6	0.14-0.17	5.6-7.3	<2	High-----	0.37		
	28-36	0.2-2.0	0.14-0.17	5.6-7.8	<2	Moderate	0.37		
	36-60	0.2-2.0	0.12-0.15	7.4-8.4	<2	Moderate	0.37		
Trebor-----	0-2	0.6-2.0	0.16-0.18	5.6-6.5	<2	Low-----	0.37	3	8
	2-6	0.2-0.6	0.10-0.17	6.1-7.3	<2	High-----	0.37		
	6-10	0.2-0.6	0.09-0.13	6.6-7.8	<2	Moderate	0.37		
	10-30	0.6-2.0	0.08-0.10	7.4-8.4	<2	Moderate	0.37		
	30-40	---	---	---	---	---	---		
ShA-----	0-24	0.6-2.0	0.17-0.22	6.6-7.8	<2	Moderate	0.24	5	6
St. Onge	24-60	0.6-2.0	0.16-0.20	6.6-8.4	<2	Moderate	0.32		
Sk-----	0-14	0.6-2.0	0.18-0.22	6.6-8.4	<2	Low-----	0.32	5	6
Swint	14-60	0.6-2.0	0.15-0.20	7.4-8.4	<2	Low-----	0.43		
TaA, TaB, TaC----	0-6	0.6-2.0	0.19-0.22	6.6-7.8	<2	Low-----	0.32	5	6
Tilford	6-20	0.6-2.0	0.17-0.20	6.6-8.4	<2	Low-----	0.43		
	20-60	0.6-2.0	0.16-0.18	7.4-8.4	<2	Low-----	0.43		
TBE*:									
Trebor-----	0-2	0.6-2.0	0.16-0.18	5.6-6.5	<2	Low-----	0.37	3	8
	2-6	0.2-0.6	0.10-0.17	6.1-7.3	<2	High-----	0.37		
	6-10	0.2-0.6	0.09-0.13	6.6-7.8	<2	Moderate	0.37		
	10-30	0.6-2.0	0.08-0.10	7.4-8.4	<2	Moderate	0.37		
	30-40	---	---	---	---	---	---		
Rock outcrop.									

See footnote at end of table.