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

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

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

See footnote at end of table.