Table J2. - Chemical Properties of the Soils

Lander County, Nevada, North Part

Absence of an entry indicates that data were not estimated.

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
102:								
Beowawe Variant	0-7	5.0-11	---	7.9 - 8.4	0	0	0.0-4.0	5-12
	7-25	16-21	---	8.5 - 9.0	3-10	0	0.0-8.0	13-30
	25-60	1.0-5.0	---	8.5 - 9.0	3-10	0	0.0-8.0	5-12
Tomera	0-8	8.0-16	---	6.6 - 7.3	0	0	0.0	0
	8-33	32-50	---	7.9 - 9.0	0-2	0	2.0-8.0	1-30
	33-60	0.0-7.0	---	8.5 - 9.0	3-5	0	4.0-32.0	1-12
Whirlo	0-7	3.0-10	---	6.6 - 8.4	0-1	0	0.0-4.0	5-12
	7-13	3.0-10	---	7.4 - 8.4	0-1	0	2.0-8.0	13-30
	13-60	3.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
112:								
Millerlux	0-10	8.0-16	---	6.6 - 8.4	0	0	0.0	0
	10-15	25-38	---	6.6 - 8.4	0-1	0	0.0	0
	15-19	---	---	---	---	---	---	---
Reluctan	0-13	15-25	---	6.6 - 7.8	0	0	0.0	0
	13-38	15-30	---	6.6 - 7.8	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Cleavage	0-4	15-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
120:								
Alyan	0-10	10-25	---	6.6 - 7.8	0	0	0.0	0
	10-16	25-45	---	6.6 - 7.8	0	0	0.0	0
	16-24	25-45	---	6.6 - 7.8	0	0	0.0	0
	24-28	---	---	---	---	---	---	---
Graley	0-7	10-20	---	6.6 - 7.8	0	0	0.0	0
	7-14	25-35	---	6.6 - 7.8	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
130:								
Alley	0-3	5.0-10	---	6.6 - 7.3	0	0	0.0	0
	3-16	17-20	---	7.4 - 8.4	0	0	2.0-4.0	1-5
	16-40	3.0-7.0	---	7.9 - 9.0	1-5	0	4.0-8.0	5-12
	40-60	3.0-7.0	---	7.9 - 9.0	1-5	0	4.0-8.0	5-12
Dewar	0-4	11-16	---	7.9 - 8.4	0	0	0.0	0
	4-14	16-24	---	7.9 - 8.4	0-1	0	0.0	1-5
	14-60	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
130:								
131:								
Alley	0-3	8.0-16	---	6.6 - 7.3	0	0	0.0	0
	3-16	17-20	---	7.4 - 8.4	0	0	2.0-4.0	1-5
	16-40	3.0-7.0	---	7.9 - 9.0	1-5	0	4.0-8.0	5-12
	40-60	3.0-7.0	---	7.9 - 9.0	1-5	0	4.0-8.0	5-12
Rock Outcrop	---	---	---	---	---	---	---	---
Rubble Land	0-60	---	---	---	0	0	0.0	0
140:								
Antel	0-11	6.0-9.0	---	7.9 - 9.0	1-5	0	2.0-4.0	13-30
	11-60	16-21	---	7.9 - 9.0	5-10	0	4.0-32.0	13-90
141:								
Antel	0-11	6.0-9.0	---	7.9 - 9.0	1-5	0	4.0-8.0	31-45
	11-60	16-21	---	7.9 - 9.0	5-10	0	4.0-32.0	31-90
142:								
Antel	0-11	16-21	---	7.9 - 9.0	1-5	0	2.0-4.0	13-30
	11-60	16-21	---	7.9 - 9.0	5-10	0	4.0-32.0	13-90
143:								
Antel	0-11	16-21	---	7.9 - 9.0	1-5	0	2.0-8.0	13-30
	11-60	16-21	---	7.9 - 9.0	5-10	0	4.0-32.0	13-90
150:								
Argenta	0-7	10-20	---	7.9 - 9.0	0-3	0	16.0-32.0	46-99
	7-45	10-25	---	7.9 - 9.0	1-10	0-5	16.0-32.0	13-45
	45-60	3.0-15	---	7.9 - 9.0	0-10	0-5	2.0-8.0	5-12
Wendane	---	---	---	---	---	---	---	---
152:								
Argenta	0-7	10-20	---	7.9 - 9.0	0-3	0	8.0-32.0	46-99
	7-45	10-25	---	7.9 - 9.0	1-10	0-5	4.0-32.0	13-45
	45-60	3.0-15	---	7.9 - 9.0	0-10	0-5	2.0-8.0	5-12
Sonoma	0-8	16-25	---	7.9 - 9.6	3-12	0	16.0-32.0	13-45
	8-60	15-25	---	7.9 - 9.6	3-12	0	4.0-16.0	13-30
Sonoma	---	---	---	---	---	---	---	---
160:								
Batan	0-5	3.0-6.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
160:								
161:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
162:								
Batan	0-5	6.0-9.0	---	8.5 - 9.0	1-5	0	0.0-2.0	5-12
	5-40	12-18	---	8.5 - 9.0	1-5	0	2.0-4.0	13-30
	40-60	12-18	---	8.5 - 9.0	1-5	0	4.0-16.0	13-45
163:								
Batan	0-5	6.0-9.0	---	8.5 - 9.0	1-5	0	4.0-8.0	13-30
	5-68	12-18	---	8.5 - 9.0	1-5	0-1	0.0-4.0	13-45
164:								
166:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Wendane	0-13	25-35	---	7.9 - 9.0	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Sonoma	0-8	20-30	---	7.9 - 9.0	3-12	0	4.0-8.0	5-12
	8-60	20-30	---	7.9 - 9.0	3-12	0	0.0-4.0	0-12
167:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Wendane	0-8	10-25	---	8.5 - 9.6	15-30	---	16.0-32.0	46-70
	8-60	10-25	---	8.5 - 9.6	20-35	1-5	4.0-16.0	13-30
Valmy	0-6	5.0-17	---	7.9 - 9.6	0	0	0.0-2.0	5-12
	6-46	5.0-15	---	8.5 - 9.6	1-5	0	0.0-4.0	13-45
	46-60	19-29	---	8.5 - 9.6	1-5	0	0.0-8.0	13-45
168:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	16.0-32.0	46-60
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
168:								
Ocala	0-13	10-18	---	9.1 - 9.6	10-20	0	16.0-32.0	31-90
	13-60	11-21	---	8.5 - 9.0	15-25	1-5	8.0-16.0	13-45
169:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Ocala	0-13	17-23	---	9.1 - 9.6	10-20	0	16.0-32.0	31-90
	13-60	11-21	---	8.5 - 9.0	15-25	1-5	8.0-16.0	13-45
Ocala	0-6	15-20	---	8.5 - 9.6	10-20	0	16.0-32.0	46-60
	6-13	10-20	---	8.5 - 9.6	10-20	0	4.0-16.0	31-60
	13-60	10-20	---	8.5 - 9.0	15-25	1-5	8.0-16.0	31-50
170:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
171:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
172:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Tenabo	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	13-20	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	20-39	---	---	---	---	---	---	---
	39-60	1.0-8.0	---	8.5 - 9.0	0-5	0	4.0-32.0	31-90
173:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Tenabo	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	13-20	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	20-39	---	---	---	---	---	---	---
	39-60	1.0-8.0	---	8.5 - 9.0	0-5	0	4.0-32.0	31-90

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
174:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Chiara	0-5	8.0-15	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	7.9 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
175:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Jenor	0-6	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	6-16	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	16-26	5.0-15	---	7.9 - 9.0	5-30	0	8.0-16.0	5-30
	26-60	---	---	---	---	---	---	---
177:								
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Oxcorel	0-5	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Mcconnel	0-2	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	2-12	5.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	12-60	1.0-5.0	---	7.9 - 9.0	0-3	0	2.0-32.0	1-12
178:								
181:								
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	1-12
	20-60	10-20	---	7.9 - 9.6	0-10	0-2	4.0-16.0	13-45
182:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
182:								
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Misad	0-7	7.0-11	---	8.5 - 9.0	0-1	0	0.0-2.0	13-30
	7-31	7.0-11	---	8.5 - 9.0	2-5	0	8.0-16.0	13-30
	31-60	3.0-6.0	---	7.9 - 9.0	0-3	0	8.0-16.0	13-30
183:								
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Dewar	0-4	10-25	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	4-14	15-30	---	6.6 - 8.4	0-5	0	0.0-4.0	1-12
	14-50	---	---	---	---	---	---	---
Orovada	0-8	5.0-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	5.0-15	---	7.4 - 9.0	0-5	0	0.0-4.0	1-12
	20-60	5.0-15	---	7.9 - 9.0	1-15	0	4.0-16.0	13-45
185:								
Beowawe	0-6	8.0-18	---	7.9 - 8.4	0	0	4.0-8.0	13-30
	6-11	22-35	---	8.5 - 9.0	1-10	0	4.0-8.0	13-45
	11-60	8.0-15	---	8.5 - 9.0	1-5	0-1	8.0-16.0	31-90
192:								
Vanwyper	0-7	15-25	---	6.6 - 7.8	0	0	0.0	0
	7-22	20-45	---	6.6 - 7.8	0	0	0.0	0-5
	22-26	---	---	---	---	---	---	---
Trunk	0-5	20-30	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Trunk	0-5	20-30	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
193:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
193:								
Berning	0-9	12-20	---	6.1 - 7.3	0	0	0.0	0
	9-40	22-37	---	6.6 - 7.3	0	0	0.0	0
	40-60	12-18	---	6.6 - 7.3	0	0	0.0	0
Alley	0-7	5.0-20	---	6.6 - 8.4	0	0	0.0	0
	7-26	10-25	---	6.6 - 8.4	10-20	0	0.0-2.0	0-5
	26-37	5.0-20	---	7.9 - 9.0	15-30	0	2.0-8.0	1-12
	37-60	4.0-7.0	---	7.9 - 9.0	15-30	0	2.0-8.0	1-12
200:								
Sonoma Variant	0-4	10-17	---	7.9 - 9.0	3-5	0	4.0-8.0	1-12
	4-60	6.0-15	---	8.5 - 9.0	1-5	0	4.0-8.0	5-12
202:								
Bioya	0-11	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	11-38	10-20	---	7.4 - 9.6	1-5	0	2.0-4.0	5-12
	38-60	---	---	---	---	---	---	---
	60-65	5.0-10	---	7.9 - 8.4	1-10	0	2.0-4.0	5-12
Chiara	0-5	15-28	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	6.6 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
Cortez	0-12	5.0-10	---	6.6 - 8.4	0	0	0.0-2.0	1-5
	12-26	26-32	---	7.4 - 9.0	1-5	0	0.0-2.0	13-45
	26-60	---	---	---	---	---	---	---
203:								
Bioya	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-35	10-20	---	7.4 - 9.6	1-5	0	2.0-4.0	5-12
	35-60	---	---	---	---	---	---	---
Puett	0-4	5.0-17	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-12	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
Shabliss	0-6	5.0-10	---	6.6 - 8.4	0-1	0	2.0-4.0	1-12
	6-16	5.0-10	---	6.6 - 9.0	0-10	0	2.0-4.0	13-30
	16-34	---	---	---	---	---	---	---
	34-60	1.0-5.0	---	7.9 - 9.0	10-20	0	4.0-8.0	13-45
211:								
Blacka	0-8	3.0-6.0	---	7.9 - 9.0	0-1	0	2.0-4.0	1-12
	8-21	3.0-9.0	---	7.9 - 9.0	0	0	2.0-4.0	1-12
	21-31	---	---	---	---	---	---	---
	31-60	3.0-9.0	---	7.9 - 9.0	1-5	0-2	16.0-32.0	13-45
212:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
212:								
Blacka	0-8	3.0-6.0	---	7.9 - 9.0	0-1	0	2.0-4.0	1-12
	8-21	3.0-9.0	---	7.9 - 9.0	0	0	2.0-4.0	1-12
	21-31	---	---	---	---	---	---	---
	31-60	3.0-9.0	---	7.9 - 9.0	1-5	0-2	16.0-32.0	13-45
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
213:								
Blacka	0-8	3.0-6.0	---	7.9 - 9.0	0-1	0	4.0-32.0	13-30
	8-21	3.0-9.0	---	7.9 - 9.0	0	0	4.0-32.0	13-30
	21-31	---	---	---	---	---	---	---
	31-60	3.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
Broyles	0-5	5.0-11	---	7.9 - 9.0	0-1	0	16.0-32.0	13-30
	5-11	5.0-11	---	7.9 - 9.0	0-1	0	16.0-32.0	13-30
	11-60	3.0-9.0	---	8.5 - 9.0	1-10	0-5	4.0-16.0	13-45
220:								
Blackhawk	0-8	15-22	---	7.9 - 9.0	0	0	0.0-2.0	1-12
	8-14	15-22	---	7.9 - 9.0	0	0	0.0-2.0	5-12
	14-17	---	---	---	---	---	---	---
	17-38	7.0-22	---	7.9 - 9.0	0-10	0	16.0-32.0	46-90
	38-60	5.0-16	---	7.9 - 9.0	0-10	1-5	8.0-32.0	13-45
230:								
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
231:								
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
232:								
Broyles	0-11	4.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	1-12
	11-28	4.0-10	---	8.5 - 9.0	0-2	0	2.0-32.0	5-12
	28-45	4.0-10	---	8.5 - 9.0	1-10	0-1	4.0-32.0	13-30
	45-60	---	---	---	---	---	---	---
233:								
Broyles	0-5	10-30	---	7.9 - 9.0	0-1	0	8.0-16.0	13-30
	5-11	10-30	---	7.9 - 9.0	0-5	0-2	8.0-16.0	13-45
	11-60	10-30	---	8.5 - 9.0	1-10	0-4	4.0-16.0	13-45
235:								
Broyles	0-11	10-22	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
235:								
Creemon	0-7	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	7-18	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	18-60	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
237:								
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	1-12
	20-60	10-20	---	7.9 - 9.6	0-10	0-2	4.0-16.0	13-45
240:								
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	8.0-16.0	5-12
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
242:								
Bubus	0-6	6.0-9.0	---	7.9 - 9.0	0-2	0	16.0-32.0	13-90
	6-40	6.0-9.0	---	7.9 - 9.0	1-10	0-5	8.0-32.0	13-45
	40-60	0.0-3.0	---	7.9 - 8.4	1-5	0-5	4.0-16.0	13-30
243:								
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	8.0-16.0	5-12
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Playas	0-6	24-35	---	8.5 - 9.6	1-5	1-5	16.0-32.0	46-90
	6-60	30-60	---	8.5 - 9.6	1-10	1-10	16.0-32.0	46-90
244:								
Bubus	0-6	5.0-15	---	7.9 - 9.6	0-2	0	4.0-8.0	5-30
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	1-5
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-60	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
245:								
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	16.0-32.0	5-12
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
245:								
Needle Peak	0-9	15-27	---	7.9 - 9.0	0-5	0	0.0-4.0	1-12
	9-49	15-33	---	7.9 - 9.0	1-5	0	0.0-4.0	5-12
	49-60	6.0-16	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
Yipor	0-16	5.0-12	---	8.5 - 9.6	5-10	0	0.0-4.0	1-12
	16-60	5.0-12	---	8.5 - 9.6	5-10	0-5	16.0-32.0	13-30
247:								
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	8.0-16.0	5-12
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Isolde	0-7	1.0-5.0	---	6.6 - 8.4	0-1	0	0.0	0-5
	7-60	1.0-5.0	---	6.6 - 8.4	0-3	0-1	0.0-2.0	0-5
248:								
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	16.0-32.0	31-45
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	46-60
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Reese	0-9	11-16	---	8.5 - 9.0	5-15	0	16.0-32.0	100-200
	9-60	11-18	---	8.5 - 9.0	15-30	0	8.0-16.0	13-95
251:								
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-15	35-50	---	6.6 - 7.8	0	0	0.0	0
	15-42	25-37	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	42-46	---	---	---	---	---	---	---
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-30	41-50	---	6.6 - 7.8	0	0	0.0	0
	30-52	28-37	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	52-56	---	---	---	---	---	---	---
252:								
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-15	35-50	---	6.6 - 7.8	0	0	0.0	0
	15-42	25-37	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	42-46	---	---	---	---	---	---	---
Humdun	0-6	10-15	---	6.6 - 7.8	0	0	0.0	0
	6-24	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	1-5
	24-60	5.0-15	---	7.9 - 9.0	5-15	0	2.0-4.0	2-10
Rock Outcrop	---	---	---	---	---	---	---	---
262:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
262:								
Chen	0-10	15-25	---	6.1 - 7.8	0	0	0.0	0
	10-16	25-40	---	6.1 - 7.8	0	0	0.0	0
	16-20	---	---	---	---	---	---	---
Slaven	0-5	15-22	---	6.1 - 7.3	0	0	0.0	0
	5-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Chen	0-8	15-20	---	6.6 - 7.8	0	0	0.0	0
	8-17	25-30	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Cumulic Haplaquolls	---	---	---	---	---	---	---	---
272:								
Cherry Spring	0-7	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	7-29	15-25	---	7.4 - 9.0	0-5	0	0.0	0
	29-41	---	---	---	---	---	---	---
	41-60	5.0-12	---	8.5 - 9.0	5-10	0	0.0-2.0	0-5
Enko	0-7	10-20	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	7-15	10-20	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	15-60	5.0-15	---	7.4 - 9.0	1-5	0	4.0-16.0	13-45
282:								
Chiara	0-5	15-28	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	6.6 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
Orovada	0-8	15-20	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
283:								
Chiara	0-5	15-28	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	6.6 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
Tenabo	0-6	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	6-18	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	18-40	---	---	---	---	---	---	---
	40-60	1.0-8.0	---	8.5 - 9.0	0-5	0	4.0-32.0	31-90
284:								
Chiara	0-5	15-25	---	6.6 - 8.4	0	0	0.0	0-5
	5-16	15-25	---	6.6 - 9.0	0-1	0	0.0-2.0	5-30
	16-20	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
284:								
Dewar	0-4	10-25	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	4-14	15-30	---	6.6 - 8.4	0-5	0	0.0-4.0	1-12
	14-50	---	---	---	---	---	---	---
285:								
Chiara	0-5	15-25	---	6.6 - 8.4	0	0	0.0	0-5
	5-16	15-25	---	6.6 - 9.0	0-1	0	0.0-2.0	5-30
	16-20	---	---	---	---	---	---	---
Trunk	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0-5
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Midraw	0-6	10-25	---	7.4 - 8.4	0	0	0.0	0-5
	6-16	20-35	---	7.4 - 8.4	0	0	0.0-2.0	0-12
	16-31	---	---	---	---	---	---	---
	31-35	---	---	---	---	---	---	---
286:								
Chiara	0-5	8.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	6.6 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
Jenor	0-6	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	6-16	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	16-26	5.0-15	---	7.9 - 9.0	5-30	0	8.0-16.0	5-30
	26-60	---	---	---	---	---	---	---
290:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
291:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
292:								
Creemon	0-10	3.0-6.0	---	7.9 - 8.4	0-1	0	0.0-2.0	1-5
	10-15	5.0-11	---	7.9 - 8.4	0	0	0.0-4.0	5-12
	15-28	5.0-11	---	8.5 - 9.0	2-5	0	0.0-4.0	13-30
	28-60	5.0-11	---	8.5 - 9.0	2-5	0	4.0-32.0	13-30
293:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
293:								
Creemon	0-10	3.0-6.0	---	7.9 - 8.4	0-1	0	16.0-32.0	13-30
	10-15	5.0-11	---	8.5 - 9.0	0	0	4.0-32.0	13-30
	15-45	5.0-11	---	8.5 - 9.0	2-5	0-1	8.0-32.0	13-30
	45-60	3.0-6.0	---	8.5 - 9.0	2-5	0-1	8.0-32.0	13-30
294:								
Creemon	0-10	3.0-6.0	---	7.9 - 8.4	0-1	0	0.0-2.0	1-5
	10-15	5.0-11	---	7.9 - 8.4	0	0	0.0-4.0	5-12
	15-28	5.0-11	---	8.5 - 9.0	2-5	0	0.0-4.0	13-30
	28-60	5.0-11	---	8.5 - 9.0	2-5	0	4.0-32.0	13-30
Orovada	0-8	15-20	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Broyles	0-5	3.0-9.0	---	7.9 - 9.0	0-1	0	4.0-8.0	5-12
	5-14	3.0-9.0	---	7.9 - 9.0	0-1	0	4.0-16.0	5-12
	14-60	3.0-9.0	---	8.5 - 9.0	1-10	0-1	4.0-16.0	13-30
295:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
Cren	0-7	6.0-9.0	---	7.9 - 8.4	5-10	0	2.0-4.0	1-12
	7-26	6.0-9.0	---	7.9 - 9.0	10-15	0	2.0-4.0	13-30
	26-60	6.0-9.0	---	7.9 - 9.0	10-15	0	8.0-32.0	13-30
296:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
Hessing	0-4	9.0-12	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	4-11	12-18	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	11-18	9.0-12	---	8.5 - 9.0	2-10	0	2.0-4.0	1-5
	18-30	9.0-16	---	8.5 - 9.0	2-5	0	4.0-16.0	5-12
	30-60	0.0-3.0	---	7.9 - 9.0	1-5	0	16.0-32.0	5-12
297:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
297:								
Orovada	0-8	15-20	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	1-12
	20-60	10-20	---	7.9 - 9.6	0-10	0-2	4.0-16.0	13-45
Tulase	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	6-60	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
298:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
Misad	0-7	7.0-11	---	8.5 - 9.0	0-1	0	0.0-2.0	13-30
	7-31	7.0-11	---	8.5 - 9.0	2-5	0	8.0-16.0	13-30
	31-60	3.0-6.0	---	7.9 - 9.0	0-3	0	8.0-16.0	13-30
300:								
Cren	0-7	6.0-9.0	---	7.9 - 8.4	5-10	0	2.0-4.0	1-12
	7-26	6.0-9.0	---	7.9 - 9.0	10-15	0	2.0-4.0	13-30
	26-60	6.0-9.0	---	7.9 - 9.0	10-15	0	8.0-32.0	13-30
303:								
Cren	0-7	6.0-9.0	---	7.9 - 8.4	5-10	0	2.0-4.0	1-12
	7-26	6.0-9.0	---	7.9 - 9.0	10-15	0	2.0-4.0	13-30
	26-60	6.0-9.0	---	7.9 - 9.0	10-15	0	8.0-32.0	13-30
Doowak	0-6	1.0-7.0	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-60	1.0-5.0	---	7.4 - 8.4	0	0	0.0-4.0	1-5
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	1-5
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-60	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
304:								
Cren	0-7	6.0-9.0	---	7.9 - 8.4	5-10	0	2.0-4.0	1-12
	7-26	6.0-9.0	---	7.9 - 9.0	10-15	0	2.0-4.0	13-30
	26-60	6.0-9.0	---	7.9 - 9.0	10-15	0	8.0-32.0	13-30
Raglan	0-6	8.0-20	---	7.9 - 9.0	0-5	0	0.0-4.0	5-12
	6-14	8.0-25	---	7.9 - 9.0	0-5	0	0.0-4.0	12-30
	14-64	15-30	---	7.9 - 9.0	1-15	0-5	8.0-32.0	13-45
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
310:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
310:								
Davey	0-5	10-20	---	6.6 - 7.8	0	0	0.0-4.0	0-5
	5-13	10-25	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	13-60	2.0-10	---	7.9 - 9.0	0-10	0-1	0.0-2.0	0-5
312:								
Davey	0-20	8.0-17	---	6.6 - 7.3	0	0	0.0	0-2
	20-50	4.0-11	---	7.4 - 9.0	0-2	0	8.0-16.0	13-30
	50-60	---	---	---	---	---	---	---
313:								
Davey	0-5	10-20	---	6.6 - 7.8	0	0	0.0-4.0	0-5
	5-13	10-25	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	13-60	2.0-10	---	7.9 - 9.0	0-10	0-1	0.0-2.0	0-5
Goldrun	0-7	2.0-10	---	6.6 - 8.4	0-1	0	0.0	0
	7-67	2.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	0-5
340:								
Duffer	0-4	8.0-18	---	8.5 - 9.0	20-30	0	16.0-32.0	13-45
	4-29	12-22	---	8.5 - 9.0	40-60	1-2	16.0-32.0	46-90
	29-60	9.0-18	---	8.5 - 9.0	20-30	1-2	8.0-32.0	13-30
Sonoma	---	---	---	---	---	---	---	---
370:								
Enko	0-7	10-25	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	7-15	10-25	---	6.6 - 8.4	0	0	0.0-4.0	1-12
	15-60	10-25	---	7.4 - 9.0	0-15	0	4.0-16.0	5-12
371:								
Enko	0-7	10-25	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	7-15	10-25	---	6.6 - 8.4	0	0	0.0-4.0	1-12
	15-60	10-25	---	7.4 - 9.0	0-15	0	4.0-16.0	5-12
Orovada	0-8	15-20	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Shabliss	0-6	5.0-10	---	6.6 - 8.4	0-1	0	2.0-4.0	1-12
	6-16	5.0-10	---	6.6 - 9.0	0-10	0	2.0-4.0	13-30
	16-34	---	---	---	---	---	---	---
	34-60	1.0-5.0	---	7.9 - 9.0	10-20	0	4.0-8.0	13-45
400:								
Glean	0-6	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-49	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	49-53	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
400:								
Walti	0-4	10-20	---	6.6 - 7.8	0	0	0.0	0
	4-10	18-25	---	6.6 - 7.8	0	0	0.0	0
	10-30	30-36	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
411:								
Golconda	0-8	5.0-13	---	7.4 - 8.4	0	0	0.0	0-2
	8-27	19-26	---	7.9 - 9.6	0-3	0	16.0-32.0	13-45
	27-43	---	---	---	---	---	---	---
	43-60	2.0-6.0	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
Blackhawk	0-8	15-22	---	7.9 - 9.0	0	0	0.0-2.0	1-12
	8-14	15-22	---	7.9 - 9.0	0	0	0.0-2.0	5-12
	14-17	---	---	---	---	---	---	---
	17-38	7.0-22	---	7.9 - 9.0	0-10	0	16.0-32.0	46-90
	38-60	5.0-16	---	7.9 - 9.0	0-10	1-5	8.0-32.0	13-45
412:								
Golconda	0-10	9.0-17	---	7.4 - 8.4	0	0	0.0-2.0	5-12
	10-23	19-32	---	7.9 - 9.0	0-2	0	16.0-32.0	13-45
	23-36	---	---	---	---	---	---	---
	36-60	3.0-8.0	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
Dun Glen	0-3	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	3-10	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	10-60	5.0-15	---	7.9 - 9.6	1-10	0-1	2.0-4.0	13-45
413:								
Golconda	0-8	9.0-17	---	7.4 - 8.4	0	0	0.0-2.0	5-12
	8-27	19-32	---	7.9 - 9.0	0-2	0	16.0-32.0	13-45
	27-43	---	---	---	---	---	---	---
	43-60	3.0-8.0	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
Blownout Land	0-60	---	---	---	---	---	0.0	---
420:								
Goldrun	0-7	2.0-10	---	6.6 - 8.4	0-1	0	0.0	0
	7-60	2.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	0-5
422:								
Goldrun	0-7	2.0-10	---	6.6 - 8.4	0-1	0	0.0	0
	7-60	2.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	0-5

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
422:								
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
441:								
Gund	0-4	11-15	---	7.9 - 9.0	0-1	0	16.0-32.0	13-30
	4-23	11-17	---	7.9 - 9.0	0-3	0	16.0-32.0	46-80
	23-60	36-48	---	7.9 - 9.0	0-3	0-10	8.0-32.0	46-60
Umberland	0-4	12-19	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	4-31	21-31	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
	31-60	21-31	---	8.5 - 9.6	10-25	1-5	2.0-8.0	13-45
Playas	---	---	---	---	---	---	---	---
442:								
Gund	0-4	11-15	---	7.9 - 9.0	0-1	0	16.0-32.0	13-30
	4-23	11-17	---	7.9 - 9.0	0-3	0	16.0-32.0	46-80
	23-60	36-48	---	7.9 - 9.0	0-3	0-10	8.0-32.0	46-60
Bubus	0-6	10-20	---	7.9 - 9.0	0-2	0	16.0-32.0	31-45
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	32.0-50.0	13-30
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
443:								
Gund	0-4	11-15	---	7.9 - 9.0	0-1	0	75.0-100.0	13-30
	4-23	11-17	---	7.9 - 9.0	0-3	0	16.0-32.0	46-80
	23-60	36-48	---	7.9 - 9.0	0-3	0-10	8.0-32.0	46-60
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Aeric Halaquepts	---	---	---	---	---	---	---	---
461:								
Hapgood	0-17	13-23	---	6.6 - 7.3	0	0	0.0	0
	17-40	11-21	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-17	---	6.6 - 7.3	0	0	0.0	0
Packer	0-10	15-20	---	6.6 - 7.3	0	0	0.0	0
	10-21	15-25	---	6.6 - 7.3	0	0	0.0	0
	21-60	5.0-10	---	6.6 - 7.3	0	0	0.0	0

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
461:								
Layview	0-3	10-20	---	6.6 - 7.8	0	0	0.0	0
	3-12	15-25	---	6.6 - 7.8	0	0	0.0	0
	12-16	---	---	---	---	---	---	---
466:								
Hapgood	0-17	13-23	---	6.6 - 7.3	0	0	0.0	0
	17-40	11-21	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-17	---	6.6 - 7.3	0	0	0.0	0
Tusel	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-42	15-35	---	6.1 - 7.3	0	0	0.0	0
	42-46	---	---	---	---	---	---	---
Winada	0-12	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	12-24	17-23	---	6.6 - 7.8	0	0	0.0	0
	24-36	---	---	---	---	---	---	---
	36-40	---	---	---	---	---	---	---
467:								
Hapgood	0-17	13-23	---	6.6 - 7.3	0	0	0.0	0
	17-40	11-21	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-17	---	6.6 - 7.3	0	0	0.0	0
Sumine	0-6	20-30	---	6.6 - 7.8	0	0	0.0	0
	6-28	20-30	---	6.6 - 7.8	0	0	0.0	0
	28-32	---	---	---	---	---	---	---
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
482:								
Humdun	0-6	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	6-24	7.0-11	---	6.6 - 8.4	0	0	0.0-2.0	1-5
	24-41	7.0-10	---	6.6 - 8.4	1-5	0	0.0-2.0	1-5
	41-60	6.0-9.0	---	7.9 - 9.0	5-15	0	2.0-4.0	1-12
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-15	35-50	---	6.6 - 7.8	0	0	0.0	0
	15-42	25-37	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	42-46	---	---	---	---	---	---	---
Havingdon	0-3	5.0-20	---	6.6 - 7.3	0	0	0.0	0
	3-22	20-35	---	6.6 - 7.3	0	0	0.0	0-5
	22-26	---	---	---	---	---	---	---
486:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
486:								
Havingdon	0-3	5.0-20	---	6.6 - 7.3	0	0	0.0	0
	3-22	20-35	---	6.6 - 7.3	0	0	0.0	0-5
	22-26	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
511:								
Hessing	0-4	9.0-12	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	4-11	12-18	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	11-18	9.0-12	---	8.5 - 9.0	2-10	0	2.0-4.0	1-5
	18-30	9.0-16	---	8.5 - 9.0	2-5	0	4.0-16.0	5-12
	30-60	0.0-3.0	---	7.9 - 9.0	1-5	0	16.0-32.0	5-12
512:								
Hessing	0-4	9.0-12	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	4-11	12-18	---	7.9 - 9.0	0-1	0	2.0-4.0	1-5
	11-18	9.0-12	---	8.5 - 9.0	2-10	0	2.0-4.0	1-5
	18-30	9.0-16	---	8.5 - 9.0	2-5	0	4.0-16.0	5-12
	30-60	0.0-3.0	---	7.9 - 9.0	1-5	0	16.0-32.0	5-12
Relley	0-8	25-40	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	8-16	20-35	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	16-28	20-35	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	28-60	20-35	---	7.9 - 9.0	5-15	0	8.0-32.0	31-60
530:								
Humboldt	0-11	10-25	---	7.9 - 8.4	1-5	0	0.0-4.0	1-12
	11-60	20-35	---	7.9 - 8.4	1-5	0	0.0-4.0	1-12
Sonoma	---	---	---	---	---	---	---	---
531:								
Humboldt	0-11	30-50	---	7.9 - 8.4	1-5	0	0.0-4.0	1-12
	11-67	20-35	---	7.9 - 8.4	1-5	0	0.0-4.0	1-12
Sonoma	---	---	---	---	---	---	---	---
532:								
Humboldt	0-11	15-40	---	8.5 - 9.0	1-5	0	4.0-8.0	0-5
	11-60	20-35	---	7.9 - 9.0	1-5	0	2.0-8.0	0-5
571:								
Jenor	0-6	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	6-16	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	16-26	5.0-15	---	7.9 - 9.0	5-30	0	8.0-16.0	5-25
	26-60	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
571:								
Blacka	0-8	3.0-6.0	---	7.9 - 9.0	0-1	0	2.0-4.0	1-12
	8-21	3.0-9.0	---	7.9 - 9.0	0	0	2.0-4.0	1-12
	21-31	---	---	---	---	---	---	---
	31-64	3.0-9.0	---	7.9 - 9.0	1-5	0-2	16.0-32.0	13-45
573:								
Jenor	0-6	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	6-16	5.0-15	---	7.9 - 9.0	0	0	0.0-4.0	1-5
	16-26	5.0-15	---	7.9 - 9.0	5-30	0	8.0-16.0	5-25
	26-60	---	---	---	---	---	---	---
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	4.0-8.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
590:								
Landco	0-18	6.0-9.0	---	7.9 - 9.0	1-10	1-5	8.0-16.0	13-30
	18-44	28-36	---	7.9 - 9.0	1-10	1-5	16.0-32.0	46-90
	44-69	6.0-9.0	---	7.9 - 9.0	1-10	0-1	16.0-32.0	13-30
602:								
Misad	0-7	7.0-11	---	8.5 - 9.6	0-1	0	16.0-32.0	13-45
	7-31	7.0-11	---	8.5 - 9.6	2-5	0	8.0-32.0	13-45
	31-60	3.0-6.0	---	7.9 - 9.6	0-3	0	8.0-32.0	13-45
605:								
Misad	0-7	7.0-11	---	8.5 - 9.0	0-1	0	0.0-2.0	13-30
	7-31	7.0-11	---	8.5 - 9.0	2-5	0	8.0-16.0	13-30
	31-60	3.0-6.0	---	7.9 - 9.0	0-3	0	8.0-16.0	13-30
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
Rednik	0-6	5.0-12	---	7.4 - 9.0	0-3	0	0.0-2.0	1-12
	6-17	11-16	---	7.4 - 9.0	1-5	0-1	4.0-8.0	13-30
	17-60	0.0-10	---	8.5 - 9.0	1-5	0-2	2.0-8.0	5-30
631:								
Mcconnel	0-2	8.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	2-12	5.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	12-60	1.0-5.0	---	7.9 - 9.0	0-3	0	2.0-32.0	1-12

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
631:								
Tulase	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	6-60	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
660:								
Needle Peak	0-4	15-27	---	7.4 - 9.0	0-5	0	0.0-4.0	1-12
	4-60	15-33	---	7.9 - 9.0	1-5	0	0.0-4.0	5-12
670:								
Filiran	0-7	7.0-15	---	7.4 - 8.4	0	0	0.0-2.0	0
	7-12	9.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	12-33	28-40	---	8.5 - 9.0	0-5	0-5	4.0-8.0	13-45
	33-60	---	---	---	---	---	---	---
Pineval	0-5	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	5-11	15-21	---	7.4 - 8.4	0-1	0	0.0	0
	11-60	3.0-6.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
680:								
Skullwak	0-10	15-25	---	8.5 - 9.6	5-15	0	16.0-32.0	31-45
	10-60	30-40	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
Umberland	0-4	12-19	---	9.1 - 11.0	10-25	0	16.0-32.0	46-90
	4-60	21-31	---	8.5 - 9.0	10-25	1-5	4.0-32.0	13-90
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Playas	---	---	---	---	---	---	---	---
684:								
Ocala	0-13	10-18	---	8.5 - 9.0	10-20	0	16.0-32.0	31-90
	13-60	11-21	---	8.5 - 9.0	15-25	1-5	8.0-16.0	13-45
700:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
701:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-65	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
701:								
702:								
Orovada	0-8	10-15	---	6.6 - 7.8	0	0	0.0	0
	8-20	10-20	---	7.4 - 8.4	0	0	0.0-4.0	0
	20-45	10-20	---	7.9 - 9.6	1-5	0	4.0-16.0	5-12
	45-60	---	---	---	---	---	---	---
703:								
Goldrun	0-7	2.0-10	---	6.6 - 8.4	0-1	0	0.0	0
	7-67	2.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	0-5
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
704:								
Orovada	0-8	15-20	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Kodra	0-4	5.0-15	---	7.9 - 8.4	0	0	0.0	0
	4-30	5.0-10	---	7.9 - 9.0	1-15	0	0.0-4.0	1-12
	30-51	---	---	---	---	---	---	---
Puett	0-4	5.0-17	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-12	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
705:								
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
706:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Wieland	0-5	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	5-26	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	26-52	25-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
	52-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
706:								
Chiara	0-5	8.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	5-16	15-28	---	6.6 - 9.0	0-5	0	0.0-4.0	5-30
	16-20	---	---	---	---	---	---	---
707:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Goldrun	0-7	2.0-10	---	6.6 - 8.4	0-1	0	0.0	0
	7-60	2.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	0-5
708:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Reina	0-7	11-19	---	7.9 - 8.4	0	0	0.0	0
	7-18	28-45	---	7.9 - 8.4	0	0	0.0-2.0	0
	18-26	---	---	---	---	---	---	---
	26-30	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
709:								
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	20-60	10-20	---	7.9 - 9.6	1-15	0	4.0-16.0	1-12
Sodhouse	0-10	5.0-10	---	7.9 - 8.4	0-5	0	0.0-2.0	5-12
	10-17	5.0-10	---	7.9 - 9.0	5-15	0	0.0-4.0	13-30
	17-29	---	---	---	---	---	---	---
	29-60	5.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	13-45
711:								
Paranat	0-20	20-35	---	7.9 - 9.0	0-5	0	0.0-4.0	1-12
	20-48	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
	48-60	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
Sonoma	---	---	---	---	---	---	---	---
713:								
Paranat	0-20	21-34	---	7.9 - 9.0	1-10	0	16.0-32.0	13-30
	20-60	14-34	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
714:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
714:								
Paranat	0-20	20-35	---	7.9 - 9.0	0-5	0	0.0-4.0	1-12
	20-48	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
	48-60	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
731:								
Yipor	0-8	5.0-12	---	8.5 - 9.0	5-10	0	8.0-16.0	31-45
	8-60	5.0-12	---	8.5 - 9.0	5-10	0-5	8.0-32.0	13-45
740:								
Playas	0-6	35-65	---	8.5 - 9.6	1-5	1-5	16.0-32.0	46-90
	6-60	30-60	---	8.5 - 9.6	1-10	1-10	16.0-32.0	46-90
770:								
Prida	0-7	10-20	---	8.5 - 9.6	1-5	0	32.0-50.0	46-90
	7-60	20-35	---	8.5 - 9.0	1-10	0-5	16.0-32.0	5-12
774:								
Prida	0-5	30-40	---	8.5 - 9.6	1-5	0	32.0-50.0	46-90
	5-62	20-35	---	8.5 - 9.0	1-10	0-5	16.0-32.0	5-12
Sonoma	0-8	16-23	---	7.9 - 9.0	3-12	0	16.0-32.0	13-45
	8-60	15-23	---	7.9 - 9.0	3-12	0	2.0-8.0	13-30
780:								
Pumper	0-12	10-20	---	7.4 - 9.0	0-1	0	0.0-2.0	5-12
	12-60	0.0-5.0	---	7.9 - 9.0	2-10	0	0.0-8.0	5-12
800:								
Raglan	0-8	9.0-13	---	7.9 - 9.0	0-5	0	4.0-8.0	5-12
	8-47	11-15	---	7.9 - 9.0	0-5	0	4.0-16.0	13-95
	47-60	0.0-3.0	---	7.9 - 9.0	2-5	0	4.0-8.0	13-30
804:								
Raglan	0-8	16-23	---	8.5 - 9.0	0-5	0	8.0-16.0	13-30
	8-47	11-15	---	7.9 - 9.0	0-5	0	4.0-16.0	13-95
	47-60	0.0-3.0	---	7.9 - 9.0	2-5	0	4.0-8.0	13-30
805:								
Raglan	0-6	8.0-20	---	7.4 - 9.0	0-5	0	0.0-4.0	5-12
	6-14	8.0-25	---	7.4 - 9.0	0-5	0	0.0-4.0	13-30
	14-64	15-30	---	7.9 - 9.0	1-15	0-5	8.0-32.0	13-45
814:								
Quarz	0-9	15-25	---	6.6 - 7.8	0	0	0.0	0
	9-26	30-55	---	6.6 - 7.8	0	0	0.0	0
	26-30	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
814:								
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
Slaven	0-5	15-22	---	6.1 - 7.3	0	0	0.0	0
	5-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
816:								
Quarz	0-7	20-30	---	6.6 - 7.8	0	0	0.0	0
	7-26	30-50	---	6.6 - 7.8	0	0	0.0	0
	26-30	---	---	---	---	---	---	---
Linrose	0-8	8.0-15	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	11-18	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Cleavage	0-4	10-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
830:								
Reese	0-9	11-16	---	8.5 - 9.0	5-15	0	16.0-32.0	100-200
	9-60	11-18	---	8.5 - 9.0	15-30	0	8.0-16.0	13-95
835:								
Reese	0-9	11-16	---	8.5 - 9.0	5-15	0	16.0-32.0	100-200
	9-60	11-18	---	8.5 - 9.0	15-30	0	8.0-16.0	13-95
Ocala	0-6	10-15	---	8.5 - 9.6	10-20	0	16.0-32.0	46-60
	6-13	10-20	---	8.5 - 9.6	10-20	0	4.0-16.0	31-60
	13-60	10-20	---	8.5 - 9.0	15-25	1-5	8.0-16.0	31-50
Wendane	---	---	---	---	---	---	---	---
841:								
Wendane Variant	0-10	13-20	---	8.5 - 9.0	5-10	0	16.0-32.0	31-45
	10-18	11-20	---	8.5 - 9.0	5-10	0	8.0-32.0	13-30
	18-60	11-20	---	7.9 - 8.4	5-10	0-1	0.0-4.0	5-12
850:								
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	1-5
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-63	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
851:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
851:								
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	1-12
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-12
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-50	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
	50-60	---	---	---	---	---	---	---
852:								
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	8.0-32.0	5-12
	8-16	11-16	---	7.9 - 9.0	0	0	8.0-32.0	5-12
	16-28	11-16	---	7.9 - 9.0	1-5	0	8.0-32.0	31-45
	28-60	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
853:								
Relley	0-8	16-21	---	7.9 - 9.0	0-1	0	0.0-2.0	1-5
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-60	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
855:								
Relley	0-8	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	1-5
	8-16	11-16	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	16-28	11-16	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	28-60	11-16	---	7.9 - 9.0	3-5	0	8.0-32.0	31-90
Broyles	0-5	3.0-9.0	---	7.9 - 9.0	0-1	0	4.0-8.0	5-12
	5-14	3.0-9.0	---	7.9 - 9.0	0-1	0	4.0-16.0	5-12
	14-60	3.0-9.0	---	8.5 - 9.0	1-10	0-1	4.0-16.0	13-30
861:								
Rixie	0-10	18-36	---	7.9 - 9.0	1-5	0	16.0-40.0	13-30
	10-60	15-23	---	7.9 - 9.6	1-5	0	2.0-32.0	13-30
862:								
Rixie	0-10	19-36	---	7.9 - 9.0	1-5	0	16.0-32.0	13-30
	10-60	15-30	---	7.9 - 9.6	1-5	0	4.0-16.0	13-30
Paranat	---	---	---	---	---	---	---	---
863:								
Rixie	0-10	18-36	---	7.9 - 9.0	1-5	0	8.0-16.0	5-12
	10-60	15-23	---	7.9 - 9.6	1-5	0	2.0-16.0	13-30
Rixie	0-15	14-20	---	7.9 - 9.0	1-5	0	16.0-32.0	13-30
	15-60	15-23	---	7.9 - 9.6	1-5	0	2.0-16.0	13-30
864:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
864:								
Rixie	0-10	18-38	---	7.9 - 9.0	1-5	0	0.0-4.0	5-12
	10-43	15-25	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
	43-62	1.0-6.0	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
Paranat	---	---	---	---	---	---	---	---
870:								
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Bregar	0-4	8.0-17	---	6.1 - 7.8	0	0	0.0	0
	4-11	16-23	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
872:								
Roca	0-5	25-35	---	6.6 - 7.8	0	0	0.0	0
	5-27	30-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
873:								
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Reluctan	0-13	15-25	---	6.6 - 7.8	0	0	0.0	0
	13-38	20-35	---	6.6 - 7.8	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
875:								
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
875:								
Glean	0-6	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-49	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	49-53	---	---	---	---	---	---	---
Bregar	0-4	10-25	---	6.1 - 7.8	0	0	0.0	0
	4-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
881:								
Rose Creek	0-10	5.0-15	---	7.9 - 9.6	0-3	0	16.0-32.0	13-45
	10-60	5.0-15	---	7.9 - 9.6	0-5	0	16.0-32.0	13-45
882:								
Rose Creek	0-10	20-35	---	7.9 - 8.4	0-3	0	2.0-4.0	1-12
	10-60	5.0-15	---	7.4 - 8.4	0-5	0	2.0-4.0	1-12
Humboldt	---	---	---	---	---	---	---	---
Paranat	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
883:								
Rose Creek	0-10	20-35	---	7.9 - 8.4	0-3	0	2.0-4.0	1-12
	10-60	5.0-15	---	7.4 - 8.4	0-5	0	2.0-4.0	1-12
Paranat	0-20	20-35	---	7.9 - 9.0	0-5	0	0.0-4.0	1-12
	20-48	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
	48-60	10-30	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
Humboldt	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
891:								
Rosney	0-9	10-15	---	7.9 - 9.0	1-5	0	16.0-32.0	31-80
	9-50	10-25	---	7.9 - 9.0	1-5	0-5	16.0-32.0	31-80
	50-60	---	---	---	---	---	---	---
892:								
Rosney	0-7	5.0-10	---	7.9 - 9.6	1-5	0	16.0-32.0	31-80
	7-25	5.0-15	---	7.9 - 9.6	1-5	0	16.0-32.0	31-80
	25-60	15-25	---	7.9 - 9.6	1-5	1-5	16.0-32.0	31-80
970:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
970:								
Soolake	0-13	5.0-10	---	8.5 - 9.0	0	0	4.0-8.0	13-30
	13-22	5.0-10	---	8.5 - 9.0	0-5	0	16.0-32.0	13-90
	22-60	0.0-5.0	---	8.5 - 9.0	1-10	0	16.0-32.0	13-90
971:								
Soolake	0-13	5.0-10	---	8.5 - 9.0	0	0	4.0-8.0	13-30
	13-22	5.0-10	---	8.5 - 9.0	0-5	0	16.0-32.0	13-90
	22-60	0.0-5.0	---	8.5 - 9.0	1-10	0	16.0-32.0	13-90
972:								
Soolake	0-13	5.0-10	---	8.5 - 9.0	0	0	4.0-8.0	13-30
	13-22	5.0-10	---	8.5 - 9.0	0-5	0	16.0-32.0	13-90
	22-60	0.0-5.0	---	8.5 - 9.0	1-10	0	16.0-32.0	13-90
Dunphy	0-6	6.0-10	---	9.1 - 9.6	0-3	0	16.0-32.0	46-90
	6-54	6.0-10	---	8.5 - 9.6	5-10	0	16.0-32.0	13-45
	54-60	---	---	---	---	---	---	---
Argenta	0-7	5.0-15	---	7.9 - 9.0	0-3	0	16.0-32.0	46-99
	7-45	10-25	---	7.9 - 9.0	1-10	0-5	4.0-32.0	13-45
	45-60	3.0-15	---	7.9 - 9.0	0-10	0-5	2.0-8.0	5-12
Wendane	---	---	---	---	---	---	---	---
980:								
Sombrero	0-4	6.0-10	---	8.5 - 9.0	3-5	0	16.0-32.0	31-90
	4-16	12-18	---	8.5 - 9.0	3-5	0	16.0-32.0	31-90
	16-42	---	---	---	---	---	---	---
	42-60	3.0-9.0	---	8.5 - 9.0	1-2	0	4.0-32.0	13-30
990:								
Sonoma	0-8	15-20	---	7.9 - 9.0	3-12	0	0.0-4.0	1-5
	8-60	20-25	---	7.9 - 9.0	3-12	0-1	0.0-4.0	5-12
Fluvaquentic Haplaquolls	---	---	---	---	---	---	---	---
991:								
Sonoma	0-8	12-20	---	7.9 - 9.6	3-12	0	4.0-8.0	1-12
	8-60	15-25	---	7.9 - 9.6	3-12	0	8.0-16.0	13-30
Paranat	---	---	---	---	---	---	---	---
992:								
Sonoma	0-8	12-20	---	7.9 - 9.6	3-12	0	16.0-32.0	13-45
	8-60	15-25	---	7.9 - 9.6	3-12	0	4.0-16.0	13-30
Paranat	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
992:								
993:								
Sonoma	0-8	20-30	---	7.9 - 9.0	3-12	0	4.0-8.0	5-12
	8-65	20-30	---	7.9 - 9.0	3-12	0	0.0-4.0	0-12
Humboldt	---	---	---	---	---	---	---	---
Paranat	---	---	---	---	---	---	---	---
994:								
Sonoma	0-8	16-25	---	7.9 - 9.6	3-12	0	16.0-32.0	13-45
	8-60	15-25	---	7.9 - 9.6	3-12	0	4.0-16.0	13-30
Paranat	---	---	---	---	---	---	---	---
995:								
Sonoma	0-8	16-23	---	7.9 - 9.0	3-12	0	16.0-32.0	13-45
	8-60	15-23	---	7.9 - 9.0	3-12	0	2.0-8.0	13-30
Paranat	---	---	---	---	---	---	---	---
996:								
Sonoma	0-12	16-23	---	7.9 - 9.0	3-12	0	16.0-32.0	13-45
	12-60	15-23	---	7.9 - 9.0	3-12	0	2.0-8.0	13-30
Sonoma	0-12	25-50	---	7.9 - 9.0	3-12	0	4.0-8.0	5-12
	12-60	20-30	---	7.9 - 9.0	3-12	0	0.0-4.0	0-12
997:								
Sonoma	0-8	16-23	---	7.9 - 9.0	3-12	0	16.0-32.0	13-45
	8-60	15-23	---	7.9 - 9.0	3-12	0	2.0-8.0	13-30
1021:								
Susie Creek	0-9	11-19	---	6.6 - 7.8	0	0	0.0	0
	9-27	28-42	---	7.4 - 8.4	0	0	0.0-2.0	0
	27-42	6.0-9.0	---	7.9 - 9.0	0-5	0	0.0-2.0	1-12
	42-46	---	---	---	---	---	---	---
Millerlux	0-10	11-22	---	6.6 - 8.4	0	0	0.0	0
	10-15	25-38	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	15-19	---	---	---	---	---	---	---
1031:								
Teman	0-8	15-25	---	7.9 - 9.0	10-25	0-1	0.0-4.0	13-30
	8-63	10-25	---	7.9 - 9.0	15-40	0-1	16.0-32.0	13-45
1032:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1032:								
Teman	0-8	15-25	---	7.9 - 9.0	10-25	0-1	16.0-32.0	13-30
	8-40	10-25	---	7.9 - 9.0	15-40	0-1	16.0-32.0	31-45
	40-60	35-50	---	7.9 - 9.0	10-30	0-1	16.0-32.0	31-45
1033:								
Teman	0-8	15-25	---	7.9 - 9.0	10-25	0-1	16.0-32.0	31-45
	8-60	10-25	---	7.9 - 9.0	15-40	0-1	16.0-32.0	13-45
1040:								
Tenabo	0-6	5.0-10	---	7.9 - 8.4	0	0	2.0-4.0	0-5
	6-18	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	18-40	---	---	---	---	---	---	---
	40-60	1.0-8.0	---	8.5 - 9.0	1-2	0	4.0-32.0	1-12
Allor	0-12	11-17	---	7.4 - 8.4	0	0	0.0	0
	12-34	16-23	---	7.4 - 8.4	0	0	0.0-2.0	0
	34-60	3.0-7.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
Tenabo	0-6	5.0-10	---	7.9 - 8.4	0	0	2.0-4.0	0-5
	6-18	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	18-40	---	---	---	---	---	---	---
	40-60	1.0-8.0	---	8.5 - 9.0	1-2	0	4.0-32.0	1-12
1041:								
Tenabo	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	13-20	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	20-39	---	---	---	---	---	---	---
	39-60	1.0-8.0	---	8.5 - 9.0	0-5	0	4.0-32.0	30-90
Ricert	0-6	8.0-20	---	7.9 - 8.4	1-3	0	0.0-2.0	5-12
	6-18	15-29	---	8.5 - 9.0	1-5	0	2.0-8.0	13-30
	18-60	3.0-11	---	8.5 - 9.0	5-10	0	2.0-8.0	13-45
1042:								
Tenabo	0-6	5.0-10	---	7.9 - 8.4	0	0	2.0-4.0	0-5
	6-18	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	18-40	---	---	---	---	---	---	---
	40-60	1.0-8.0	---	8.5 - 9.0	1-2	0	4.0-32.0	1-12
1062:								
Tomera	0-8	8.0-16	---	6.6 - 7.3	0	0	0.0	0
	8-33	32-50	---	7.4 - 9.0	0-2	0	2.0-8.0	1-30
	33-60	0.0-7.0	---	8.5 - 9.0	3-5	0	4.0-32.0	1-12
Snapp	0-10	10-15	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	10-30	25-50	---	8.5 - 9.0	0-5	0	2.0-8.0	13-30
	30-60	1.0-8.0	---	8.5 - 9.0	1-10	0-5	4.0-8.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1062:								
Whirlo	0-7	3.0-10	---	6.6 - 8.4	0-1	0	0.0-4.0	5-12
	7-13	3.0-10	---	6.6 - 8.4	0-1	0	2.0-8.0	13-30
	13-60	3.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
1080:								
Trunk	0-5	10-25	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-45	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
1082:								
Trunk	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-45	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	28-32	---	---	---	---	---	---	---
Reina	0-7	11-19	---	7.9 - 8.4	0	0	0.0	0
	7-18	28-45	---	7.9 - 8.4	0	0	0.0-2.0	0
	18-26	---	---	---	---	---	---	---
	26-30	---	---	---	---	---	---	---
1084:								
Trunk	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0-5
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1085:								
Trunk	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Dewar	0-4	11-16	---	7.9 - 8.4	0	0	0.0	0
	4-14	16-23	---	7.9 - 8.4	0	0	0.0	1-5
	14-19	12-17	---	8.5 - 9.0	0-1	0	0.0-2.0	1-12
	19-32	---	---	---	---	---	---	---
	32-60	6.0-10	---	7.9 - 9.6	1-5	0	0.0-4.0	1-12

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1085:								
Stingdorn	0-7	7.0-12	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
1086:								
Trunk	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-28	20-40	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Malpais	0-3	6.0-12	---	6.6 - 8.4	0	0	0.0-4.0	0-12
	3-15	6.0-12	---	6.6 - 8.4	0-1	0	0.0-4.0	0-12
	15-60	6.0-12	---	7.9 - 9.0	0-5	0	0.0-4.0	5-30
Minat	0-9	11-26	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-24	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-22	---	7.9 - 9.0	0-1	0	0.0-2.0	0
1087:								
Trunk	0-5	10-25	---	6.6 - 7.8	0	0	0.0	0-5
	5-28	20-45	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
1091:								
Tulase	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	6-60	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1092:								
Tulase	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	6-60	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
Bubus	0-6	10-20	---	7.9 - 9.6	0-2	0	4.0-8.0	5-12
	6-60	5.0-25	---	7.9 - 9.6	2-10	0-1	16.0-32.0	31-99
Mcconnel	0-2	8.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	2-12	5.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	12-60	1.0-5.0	---	7.9 - 9.0	0-3	0	2.0-32.0	1-12
1102:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1102:								
Tweba	0-11	10-20	---	7.4 - 9.0	0-1	0	0.0-4.0	1-5
	11-21	7.0-13	---	7.4 - 9.6	1-10	0	0.0-4.0	5-12
	21-60	3.0-7.0	---	7.4 - 9.0	0-10	0	0.0-2.0	1-12
1110:								
Umberland	0-4	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	4-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
Playas	---	---	---	---	---	---	---	---
1140:								
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-65	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
1141:								
Wendane	0-13	15-30	---	8.5 - 9.0	5-15	0	16.0-32.0	46-70
	13-40	20-30	---	8.5 - 9.0	5-15	0	16.0-32.0	0-1
	40-60	2.0-10	---	8.5 - 9.0	0-15	0	8.0-32.0	0-5
1142:								
Wendane	0-13	10-20	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Tweba	0-11	10-20	---	7.9 - 9.0	0-1	0	0.0-4.0	1-5
	11-21	7.0-13	---	7.9 - 9.6	1-10	0	0.0-4.0	5-12
	21-60	3.0-7.0	---	7.9 - 9.0	0-10	0	0.0-2.0	1-12
1143:								
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Wendane	---	---	---	---	---	---	---	---
1144:								
Batan	0-5	6.0-9.0	---	7.9 - 9.0	1-5	0	16.0-32.0	13-45
	5-68	12-18	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Broyles	0-5	10-30	---	7.9 - 9.0	0-1	0	8.0-16.0	13-30
	5-11	10-30	---	7.9 - 9.0	0-5	0-2	8.0-16.0	13-45
	11-60	10-30	---	8.5 - 9.0	1-10	0-4	4.0-16.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1144:								
1145:								
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Playas	0-6	24-35	---	8.5 - 9.6	1-5	1-5	16.0-32.0	46-90
	6-60	30-60	---	8.5 - 9.6	1-10	1-10	16.0-32.0	46-90
1146:								
Wendane	0-13	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	13-99
	13-27	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	27-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
Sonoma	0-10	15-25	---	7.4 - 8.4	3-12	0	4.0-8.0	5-12
	10-60	15-30	---	7.9 - 9.0	3-12	0	2.0-8.0	0-12
Valmy	0-6	5.0-15	---	7.9 - 9.6	0	0	4.0-8.0	1-12
	6-42	5.0-25	---	8.5 - 9.6	1-4	0	0.0-8.0	13-30
	42-60	5.0-10	---	8.5 - 9.6	1-4	0	0.0-8.0	13-45
Paranat	---	---	---	---	---	---	---	---
1150:								
Weso	0-5	7.0-25	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-11	5.0-25	---	7.9 - 9.0	0	0	0.0-8.0	5-12
	11-60	2.0-15	---	7.9 - 9.0	0-5	0	0.0-8.0	13-45
1158:								
Whirlo	0-7	5.0-10	---	7.4 - 8.4	0-1	0	4.0-8.0	5-12
	7-13	5.0-10	---	7.4 - 8.4	0-1	0	2.0-4.0	5-12
	13-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-4.0	13-30
1160:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
1162:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
1163:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1163:								
1165:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Creemon	0-10	5.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	13-30
	10-15	7.0-15	---	7.9 - 9.0	0-5	0	4.0-32.0	13-30
	15-45	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
	45-60	4.0-8.0	---	8.5 - 9.0	5-10	0	8.0-32.0	31-90
1166:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Pumper	0-12	10-20	---	7.9 - 9.0	0-1	0	0.0-2.0	5-12
	12-60	0.0-5.0	---	7.9 - 9.0	2-10	0	0.0-8.0	5-12
1168:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	3.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	0	0	4.0-16.0	13-45
Oxcorel	0-5	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
1169:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	3.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	0	0	4.0-16.0	13-45
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	4.0-8.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
1170:								
Wholan	0-5	3.0-10	---	8.5 - 9.6	0-1	0	0.0-2.0	0-2
	5-60	3.0-10	---	8.5 - 9.6	0-15	0	4.0-8.0	0-2
1174:								
Wholan	0-6	3.0-10	---	8.5 - 9.6	0	0	0.0-2.0	0-2
	6-45	3.0-10	---	8.5 - 9.6	10-25	0	4.0-8.0	5-12
	45-60	1.0-7.0	---	8.5 - 9.6	5-15	0	8.0-16.0	0-12
1177:								
Wholan	0-5	3.0-10	---	8.5 - 9.6	0-1	0	2.0-4.0	0-12
	5-60	3.0-10	---	8.5 - 9.6	0-15	0	4.0-8.0	0-12

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1177:								
Rasille	0-6	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-15	6.0-13	---	7.4 - 8.4	0	0	0.0-2.0	0
	15-60	6.0-11	---	7.9 - 9.0	0-2	0	2.0-8.0	1-12
1178:								
Wholan	0-5	3.0-10	---	7.9 - 9.0	0-1	0	2.0-4.0	0-12
	5-60	3.0-10	---	7.9 - 9.6	0-15	0	4.0-8.0	0-12
Rasille	0-6	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-15	6.0-13	---	7.4 - 8.4	0	0	0.0-2.0	0
	15-41	6.0-11	---	7.9 - 9.6	0-2	0	2.0-8.0	1-12
	41-60	1.0-6.0	---	7.9 - 9.6	0-2	0	2.0-8.0	1-12
1201:								
Slaven	0-4	10-17	---	6.1 - 7.3	0	0	0.0	0
	4-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
Cleavage	0-4	15-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1202:								
Slaven	0-4	10-17	---	6.1 - 7.3	0	0	0.0	0
	4-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
Graley Variant	0-7	8.0-15	---	7.4 - 7.8	0	0	0.0	0
	7-15	28-42	---	7.4 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1203:								
Slaven	0-4	10-17	---	6.1 - 7.3	0	0	0.0	0
	4-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Glean	0-6	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-49	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	49-53	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1203:								
Cleavage	0-4	15-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1212:								
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
Roca	0-5	15-30	---	6.6 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Bregar	0-4	8.0-17	---	6.1 - 7.8	0	0	0.0	0
	4-11	16-23	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
1215:								
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
1216:								
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
1220:								
Boulflat	0-6	5.0-15	---	7.4 - 7.8	0	0	0.0	0
	6-23	15-20	---	6.6 - 7.8	0	0	0.0-2.0	0
	23-32	---	---	---	---	---	---	---
	32-36	---	---	---	---	---	---	---
Havingdon	0-3	5.0-20	---	6.6 - 7.3	0	0	0.0	0
	3-22	20-35	---	6.6 - 7.3	0	0	0.0	0-5
	22-26	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1220:								
Dewar	0-4	10-20	---	6.6 - 8.4	0	0	0.0	0
	4-14	15-30	---	6.6 - 8.4	1-5	0	0.0	0
	14-19	10-20	---	8.5 - 9.0	5-10	0	0.0-2.0	0
	19-32	---	---	---	---	---	---	---
	32-60	5.0-15	---	7.9 - 9.6	20-30	0	0.0-4.0	0
1221:								
Boulflat	0-6	5.0-15	---	7.4 - 7.8	0	0	0.0	0
	6-23	15-20	---	6.6 - 7.8	0	0	0.0-2.0	0
	23-32	---	---	---	---	---	---	---
	32-36	---	---	---	---	---	---	---
Colbar	0-3	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
1240:								
Redflame	0-5	10-14	---	7.9 - 8.4	0	0	0.0-4.0	0
	5-14	12-18	---	7.9 - 8.4	0	0	0.0-4.0	0
	14-60	6.0-11	---	7.9 - 9.0	1-3	0	0.0-4.0	1-5
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
1263:								
Graley	0-7	10-20	---	6.6 - 7.8	0	0	0.0	0
	7-14	25-35	---	6.6 - 7.8	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Loncan	0-14	15-20	---	6.6 - 7.3	0	0	0.0	0
	14-31	10-15	---	6.6 - 7.3	0	0	0.0	0
	31-35	---	---	---	---	---	---	---
Bregar	0-4	10-25	---	6.1 - 7.8	0	0	0.0	0
	4-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
1280:								
Ricert	0-6	8.0-18	---	7.9 - 8.4	1-3	0	0.0-2.0	1-12
	6-18	15-29	---	8.5 - 9.0	1-5	0	2.0-8.0	13-30
	18-60	3.0-11	---	8.5 - 9.0	5-10	0	2.0-8.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1280:								
Oxcorel	0-5	15-20	---	7.9 - 9.0	0	0	0.0	1-12
	5-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
1281:								
Ricert	0-6	8.0-20	---	7.9 - 8.4	1-3	0	0.0-2.0	5-12
	6-18	15-29	---	8.5 - 9.0	1-5	0	2.0-8.0	13-30
	18-60	3.0-11	---	8.5 - 9.0	5-10	0	2.0-8.0	13-45
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Pineval	0-5	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	5-11	15-21	---	7.4 - 8.4	0-1	0	0.0	0
	11-60	3.0-6.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
1283:								
Ricert	0-6	5.0-11	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	6-18	15-21	---	8.5 - 9.0	0	0	2.0-8.0	13-45
	18-60	4.0-9.0	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-30
Kingingham	0-7	3.0-9.0	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
Oxcorel	0-8	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	8-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
1291:								
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
Tenabo	0-6	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	5-12
	6-18	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	18-40	---	---	---	---	---	---	---
	40-60	1.0-8.0	---	8.5 - 9.0	0-5	0	4.0-32.0	31-90
Sodhouse	0-3	5.0-15	---	7.9 - 8.4	0-5	0	0.0-2.0	5-12
	3-17	5.0-15	---	7.9 - 9.0	0-10	0	0.0-4.0	13-45
	17-29	---	---	---	---	---	0.0	---
	29-60	5.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	13-45

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1291:								
1292:								
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
Golconda	0-10	9.0-17	---	7.4 - 8.4	0	0	0.0-2.0	5-12
	10-23	19-32	---	7.9 - 9.0	0-2	0	16.0-32.0	13-45
	23-36	---	---	---	---	---	---	---
	36-60	3.0-8.0	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	3.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	0	0	4.0-16.0	13-45
1293:								
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
Oxcorel	0-5	15-20	---	7.9 - 9.0	0	0	0.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
1294:								
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Beoska	0-13	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
1342:								
Doowak	0-6	5.0-13	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-60	1.0-5.0	---	7.4 - 8.4	0-3	0	0.0-4.0	1-5
Doowak	0-6	1.0-7.0	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-60	1.0-5.0	---	7.4 - 8.4	0	0	0.0-4.0	1-5
Veta	0-4	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	4-20	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	20-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1342:								
1392:								
Rock Outcrop	---	---	---	---	---	---	---	---
Loncan Variant	0-12	8.0-17	---	6.6 - 7.8	0	0	0.0	0
	12-32	6.0-13	---	6.6 - 7.8	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
Glean	0-6	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-49	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	49-53	---	---	---	---	---	---	---
1400:								
Koynik	0-6	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0
	6-8	5.0-15	---	7.9 - 9.0	40-60	0	0.0-2.0	1-12
	8-12	---	---	---	---	---	---	---
Koynik	0-6	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0
	6-8	5.0-15	---	7.9 - 9.0	40-60	0	0.0-2.0	1-12
	8-12	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1410:								
Bojo	0-4	5.0-10	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	4-10	15-22	---	7.9 - 8.4	0-1	0	0.0-2.0	0-5
	10-14	---	---	---	---	---	---	---
Stingdorn	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
1411:								
Bojo	0-4	5.0-10	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	4-10	15-22	---	7.9 - 8.4	0-1	0	0.0-2.0	0-5
	10-14	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
Osoll	0-5	6.0-11	---	7.4 - 8.4	0-1	0	0.0	0
	5-12	6.0-11	---	7.9 - 9.0	0-5	0	0.0-2.0	1-5
	12-35	---	---	---	---	---	---	---
	35-39	---	---	---	---	---	---	---
1412:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1412:								
Bojo	0-5	9.0-13	---	7.4 - 8.4	0	0	0.0-4.0	0-5
	5-8	15-22	---	7.4 - 8.4	0-1	0	0.0-4.0	0-5
	8-12	---	---	---	---	---	---	---
Humdun	0-6	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	6-24	7.0-11	---	6.6 - 8.4	0	0	0.0-2.0	1-5
	24-41	7.0-10	---	6.6 - 8.4	1-5	0	0.0-2.0	1-5
	41-60	6.0-9.0	---	7.9 - 9.0	5-15	0	2.0-4.0	1-12
Boulflat	0-6	5.0-15	---	7.4 - 7.8	0	0	0.0	0
	6-23	15-20	---	6.6 - 7.8	0	0	0.0-2.0	0
	23-32	---	---	---	---	---	---	---
	32-36	---	---	---	---	---	---	---
1420:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	15-30	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Cleavage	0-4	10-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1421:								
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Softscrabble	0-16	8.0-18	---	6.1 - 7.3	0	0	0.0	0
	16-30	18-25	---	6.1 - 7.3	0	0	0.0	0
	30-60	16-23	---	6.1 - 7.3	0	0	0.0	0
Walti	0-4	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	4-10	18-25	---	6.6 - 7.8	0	0	0.0	0
	10-30	31-40	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
1422:								
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1422:								
Hapgood	0-17	13-23	---	6.6 - 7.3	0	0	0.0	0
	17-40	11-21	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-17	---	6.6 - 7.3	0	0	0.0	0
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1423:								
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Chen	0-7	15-25	---	6.1 - 7.8	0	0	0.0	0
	7-15	25-40	---	6.1 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1425:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Loncan	0-14	10-15	---	6.6 - 7.3	0	0	0.0	0
	14-31	10-15	---	6.6 - 7.3	0	0	0.0	0
	31-35	---	---	---	---	---	---	---
1426:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Loncan	0-14	15-20	---	6.6 - 7.3	0	0	0.0	0
	14-31	10-15	---	6.6 - 7.3	0	0	0.0	0
	31-35	---	---	---	---	---	---	---
1427:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1427:								
Itca	0-9	11-25	---	6.6 - 7.8	0	0	0.0	0
	9-17	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	17-21	---	---	---	---	---	---	---
Softscrabble	0-16	10-20	---	6.1 - 7.3	0	0	0.0	0
	16-30	15-30	---	6.1 - 7.3	0	0	0.0	0
	30-60	15-30	---	6.1 - 7.3	0	0	0.0	0
1428:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Rubble Land	0-60	---	---	---	0	0	0.0	0
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
1429:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Pernty	0-3	10-20	---	6.6 - 7.3	0	0	0.0	0
	3-14	15-20	---	6.6 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Winada Variant	0-7	9.0-17	---	6.6 - 7.8	0	0	0.0	0
	7-24	14-22	---	6.6 - 7.8	0	0	0.0	0
	24-45	11-18	---	6.6 - 7.8	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
1450:								
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Stingdorn	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
1451:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1451:								
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Reluctan	0-8	10-20	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Trunk	0-5	10-25	---	6.6 - 7.8	0	0	0.0	0-5
	5-28	20-45	---	6.6 - 9.0	0-5	0	0.0-2.0	0-12
	28-32	---	---	---	---	---	---	---
1452:								
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Minat	0-9	11-26	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-24	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-22	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Old Camp	0-3	11-19	---	6.6 - 7.8	0	0	0.0	0
	3-15	16-25	---	6.6 - 7.8	0-2	0	0.0	0
	15-19	---	---	---	---	---	---	---
1453:								
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Colbar	0-3	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1532:								
Cleavage	0-4	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Rubble Land	0-60	---	---	---	0	0	0.0	0
Bregar	0-4	8.0-17	---	6.1 - 7.8	0	0	0.0	0
	4-11	16-23	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1542:								
Cleavage	0-4	15-25	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Linrose	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-26	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	26-30	---	---	---	---	---	---	---
Pernty	0-3	15-20	---	6.6 - 7.3	0	0	0.0	0
	3-14	15-20	---	6.6 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
1570:								
Koynik Variant	0-5	5.0-8.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	5-13	5.0-8.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	13-17	---	---	---	---	---	---	---
Oxcorel	0-8	5.0-20	---	7.9 - 8.4	0	0	0.0-4.0	1-12
	8-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Whirlo	0-7	3.0-10	---	6.6 - 8.4	0-1	0	0.0-4.0	5-12
	7-13	3.0-10	---	6.6 - 8.4	0-1	0	2.0-8.0	13-30
	13-60	3.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
1600:								
Dumps	---	---	---	---	---	---	---	---
1601:								
Pits	---	---	---	---	---	---	---	---
1662:								
Floer	0-12	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	12-50	40-50	---	6.6 - 7.8	0-3	0	0.0	0
	50-54	---	---	---	---	---	---	---
Roca	0-5	25-35	---	6.6 - 7.8	0	0	0.0	0
	5-27	30-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Slaven	0-5	15-22	---	6.1 - 7.3	0	0	0.0	0
	5-22	28-38	---	6.6 - 7.3	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
1670:								
Wieland	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	8-20	25-45	---	7.4 - 9.0	0-5	0	0.0-4.0	2-12
	20-60	5.0-15	---	7.9 - 9.0	5-20	0	0.0-8.0	2-12

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1670:								
Allor	0-12	11-17	---	7.4 - 8.4	0	0	0.0	0
	12-34	16-23	---	7.4 - 8.4	0	0	0.0-2.0	0
	34-60	3.0-7.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
1671:								
Wieland	0-8	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	8-20	25-45	---	7.4 - 9.0	0-5	0	0.0-4.0	2-12
	20-60	5.0-15	---	7.9 - 9.0	5-20	0	0.0-8.0	2-12
Oxcorel	0-5	15-20	---	7.9 - 9.0	0	0	0.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Allor	0-12	11-17	---	7.4 - 8.4	0	0	0.0	0
	12-34	16-23	---	7.4 - 8.4	0	0	0.0-2.0	0
	34-60	3.0-7.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
1673:								
Wieland	0-8	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-20	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	20-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
Grassval	0-4	8.0-15	---	7.4 - 8.4	1-2	0	0.0	0
	4-13	15-22	---	7.9 - 9.0	3-5	0	0.0-2.0	1-12
	13-17	---	---	---	---	---	---	---
Puett	0-4	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
1680:								
Zineb	0-11	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	11-20	7.0-13	---	7.9 - 8.4	0	0	0.0-2.0	0
	20-45	1.0-5.0	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
	45-60	6.0-11	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
1682:								
Zineb	0-11	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	11-20	7.0-13	---	7.9 - 8.4	0	0	0.0-2.0	0
	20-45	1.0-5.0	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
	45-60	6.0-11	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
Doowak	0-6	1.0-7.0	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-60	1.0-5.0	---	7.4 - 8.4	0	0	0.0-4.0	1-5

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1682:								
Oxcorel	0-8	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	8-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
2060:								
Oxcorel	0-5	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Beoska	0-9	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	9-18	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	18-60	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
2061:								
Oxcorel	0-8	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	8-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
Dun Glen	0-4	6.0-12	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	4-60	5.0-15	---	7.9 - 9.6	1-10	0-1	2.0-4.0	13-45
2062:								
Oxcorel	0-5	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	5-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Orovada	0-8	5.0-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	5.0-15	---	7.4 - 9.0	0-5	0	0.0-4.0	1-12
	20-60	5.0-15	---	7.9 - 9.0	1-15	0	4.0-16.0	13-45
2064:								
Oxcorel	0-5	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Misad	0-7	7.0-11	---	8.5 - 9.0	0-1	0	0.0-2.0	13-30
	7-31	7.0-11	---	8.5 - 9.0	2-5	0	8.0-16.0	13-30
	31-60	3.0-6.0	---	7.9 - 9.0	0-3	0	8.0-16.0	13-30
2065:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2065:								
Oxcorel	0-5	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	5-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Oxcorel	0-3	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	3-30	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	30-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Pineval	0-5	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	5-11	15-21	---	7.4 - 8.4	0-1	0	0.0	0
	11-60	3.0-6.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
2066:								
Oxcorel	0-9	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	9-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Broyles	0-11	10-20	---	7.9 - 9.0	0	0	4.0-8.0	5-12
	11-60	5.0-20	---	8.5 - 9.6	0	0-5	4.0-16.0	5-30
Dun Glen	0-4	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	4-60	5.0-15	---	7.9 - 9.6	1-10	0-1	2.0-4.0	13-45
2067:								
Oxcorel	0-8	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	8-34	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	34-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Stingdorn	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
2068:								
Oxcorel	0-5	10-20	---	7.9 - 9.0	0	0	0.0-4.0	1-12
	5-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Golconda	0-10	9.0-17	---	7.4 - 8.4	0	0	0.0-2.0	5-12
	10-23	19-32	---	7.9 - 9.0	0-2	0	16.0-32.0	13-45
	23-36	---	---	---	---	---	---	---
	36-60	3.0-8.0	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2068:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	3.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	0	0	4.0-16.0	13-45
2069:								
Oxcorel	0-5	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	5-20	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	20-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
Rednik	0-5	3.0-10	---	8.5 - 9.0	0-3	0	0.0-2.0	1-12
	5-16	15-20	---	7.9 - 9.0	1-5	0-1	4.0-8.0	13-30
	16-47	3.0-10	---	8.5 - 9.6	1-5	0-2	2.0-8.0	13-30
	47-60	1.0-5.0	---	8.5 - 9.6	1-5	0-2	0.0-4.0	5-30
Veta	0-4	5.0-15	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	4-20	4.0-10	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	20-60	1.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
2090:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-18	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
Robson	0-10	11-20	---	6.6 - 7.3	0	0	0.0	0
	10-14	28-34	---	6.6 - 7.8	0	0	0.0	0
	14-19	32-42	---	6.6 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
2091:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-20	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Teguro	0-4	8.0-15	---	6.1 - 7.3	0	0	0.0	0
	4-16	15-23	---	6.1 - 7.3	0	0	0.0	0
	16-20	---	---	---	---	---	---	---
2092:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2092:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-6	11-18	---	6.6 - 8.4	1-3	0	0.0	0
	6-10	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Belate	0-14	8.0-17	---	6.6 - 7.3	0	0	0.0	0
	14-60	11-20	---	6.6 - 7.8	0	0	0.0	0
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	15-30	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
2094:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-20	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
Jung	0-8	11-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
2098:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-18	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
Clanalpine	0-12	10-20	---	6.6 - 7.3	0	0	0.0	0
	12-38	15-30	---	6.6 - 7.8	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
2099:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-20	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2099:								
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
2100:								
Grassval	0-4	8.0-15	---	7.4 - 8.4	1-2	0	0.0	0
	4-13	15-22	---	7.9 - 9.0	3-5	0	0.0-2.0	1-12
	13-17	---	---	---	---	---	---	---
Grina	0-3	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	3-14	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Unsel Variant	0-2	8.0-13	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	2-15	16-21	---	7.9 - 9.0	1-2	0	0.0-2.0	1-12
	15-22	11-16	---	7.9 - 9.0	1-2	0	2.0-4.0	1-5
	22-26	---	---	---	---	---	---	---
2104:								
Grassval	0-4	6.0-15	---	7.4 - 8.4	1-2	0	0.0	0
	4-13	15-22	---	7.9 - 9.0	3-5	0	0.0-2.0	1-12
	13-17	---	---	---	---	---	---	---
Izod	0-4	13-19	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	4-10	11-17	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Zineb	0-6	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	6-13	7.0-13	---	7.9 - 8.4	0	0	0.0-2.0	0
	13-19	3.0-9.0	---	7.9 - 8.4	0	0	0.0-2.0	0
	19-27	3.0-9.0	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
	27-60	1.0-5.0	---	8.5 - 9.0	1-2	0	0.0-4.0	1-12
2521:								
Stingdorn	0-7	7.0-12	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
2522:								
Stingdorn	0-7	7.0-12	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2522:								
Stingdorn	0-7	5.0-11	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
2530:								
Perwick	0-3	10-15	---	7.9 - 8.4	5-10	0	0.0	0
	3-16	0.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	1-5
	16-26	5.0-10	---	7.9 - 9.6	5-10	0	0.0-4.0	1-5
	26-30	---	---	---	---	---	---	---
Puett	0-3	10-20	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	3-10	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	10-14	---	---	---	---	---	---	---
Tulase	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	6-60	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
2540:								
Buffaran	0-4	16-24	---	6.6 - 7.8	0	0	0.0	0
	4-15	28-42	---	6.6 - 8.4	0-1	0	0.0-4.0	0
	15-60	---	---	---	---	---	---	---
Wieland	0-8	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-20	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	20-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
2541:								
Buffaran	0-4	16-24	---	6.6 - 7.8	0	0	0.0	0
	4-15	28-42	---	6.6 - 8.4	0-1	0	0.0-4.0	0
	15-60	---	---	---	---	---	---	---
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
2550:								
Laped	0-3	10-20	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	3-18	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	2-12
	18-23	---	---	---	---	---	---	---
	23-30	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2550:								
Old Camp	0-2	12-17	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Colbar	0-6	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-16	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	16-21	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	21-25	---	---	---	---	---	---	---
2551:								
Laped	0-6	10-20	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	6-18	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	2-12
	18-23	---	---	---	---	---	---	---
	23-27	---	---	---	---	---	---	---
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Osoll	0-5	6.0-11	---	7.4 - 8.4	0-1	0	0.0	0
	5-12	6.0-11	---	7.9 - 9.0	0-5	0	0.0-2.0	1-5
	12-35	---	---	---	---	---	---	---
	35-39	---	---	---	---	---	---	---
2552:								
Laped	0-6	10-15	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	6-18	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	2-12
	18-23	---	---	---	---	---	---	---
	23-27	---	---	---	---	---	---	---
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Puett	0-4	4.0-9.0	---	7.9 - 9.0	1-5	0	0.0-2.0	0
	4-15	3.0-8.0	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-19	---	---	---	---	---	---	---
2553:								
Laped	0-6	8.0-13	---	7.9 - 8.4	0	0	0.0-4.0	0
	6-18	16-21	---	7.9 - 9.0	0-1	0	0.0-4.0	1-5
	18-23	---	---	---	---	---	---	---
	23-27	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2553:								
Stingdorn	0-7	7.0-12	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
2555:								
Laped	0-6	8.0-13	---	7.9 - 8.4	0	0	0.0-4.0	0
	6-18	16-21	---	7.9 - 9.0	0-1	0	0.0-4.0	1-5
	18-23	---	---	---	---	---	---	---
	23-27	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
2561:								
Puett	0-4	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
Genaw	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	6-11	10-25	---	7.9 - 8.4	0-5	0	0.0-4.0	1-12
	11-16	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
	16-20	---	---	---	---	---	---	---
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	1-12
	20-60	10-20	---	7.9 - 9.6	0-10	0-2	4.0-16.0	13-45
2571:								
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2571:								
Colbar	0-3	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
2573:								
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Midraw	0-6	10-25	---	7.4 - 8.4	0	0	0.0	0-5
	6-16	20-35	---	7.4 - 8.4	0	0	0.0-2.0	0-12
	16-31	---	---	---	---	---	---	---
	31-35	---	---	---	---	---	---	---
2575:								
Colbar	0-3	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Perwick	0-6	10-15	---	7.9 - 8.4	5-10	0	0.0	0
	6-27	0.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	1-5
	27-31	---	---	---	---	---	---	---
Settlemeyer	0-16	12-24	---	7.4 - 8.4	0	0	0.0-4.0	0
	16-40	15-25	---	7.4 - 8.4	0	0	0.0-4.0	0
	40-60	6.0-14	---	7.4 - 8.4	0-1	0	0.0-4.0	0
2591:								
Osoll Variant	0-10	8.0-12	---	8.5 - 9.0	1-5	0	0.0-4.0	1-12
	10-26	9.0-13	---	8.5 - 9.0	5-10	0	0.0-4.0	1-12
	26-60	---	---	---	---	---	---	---
Oxcorel	0-5	15-25	---	7.9 - 9.0	0	0	0.0	1-12
	5-36	30-45	---	7.9 - 9.0	0-5	0	0.0-4.0	31-90
	36-60	5.0-10	---	7.9 - 9.0	1-5	0	0.0-8.0	46-90
2600:								
Grina	0-5	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	5-14	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Caniwe	0-17	11-20	---	6.6 - 7.3	0	0	0.0	0
	17-60	12-22	---	7.4 - 8.4	0-1	0	0.0-2.0	0

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2600:								
Handy	0-4	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	4-30	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	30-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
2602:								
Grina	0-5	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	5-15	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	15-19	---	---	---	---	---	---	---
Grina	0-3	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	3-14	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Caniwe	0-17	11-20	---	6.6 - 7.3	0	0	0.0	0
	17-60	12-22	---	7.4 - 8.4	0-1	0	0.0-2.0	0
2620:								
Handy	0-9	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	9-38	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	38-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
Caniwe	0-17	11-20	---	6.6 - 7.3	0	0	0.0	0
	17-60	12-22	---	7.4 - 8.4	0-1	0	0.0-2.0	0
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-45	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	0
2621:								
Handy	0-4	14-19	---	6.6 - 7.8	0	0	0.0	0
	4-30	32-40	---	6.6 - 7.8	0-1	0	0.0	0
	30-60	3.0-9.0	---	7.9 - 9.0	2-5	0	0.0-2.0	1-5
Handy	0-4	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	4-30	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	30-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
2631:								
Midraw	0-2	10-25	---	6.6 - 7.8	0	0	0.0	0-5
	2-19	20-35	---	6.6 - 8.4	0	0	0.0-2.0	0-12
	19-25	---	---	---	---	---	---	---
	25-29	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2631:								
Minat	0-9	11-26	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-24	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-22	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Pineval	0-5	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	5-11	15-21	---	7.4 - 8.4	0-1	0	0.0	0
	11-60	3.0-6.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
2640:								
Rasille	0-6	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-15	6.0-13	---	7.4 - 8.4	0	0	0.0-2.0	0
	15-41	6.0-11	---	7.9 - 9.6	0-2	0	2.0-8.0	1-12
	41-60	1.0-6.0	---	7.9 - 9.6	0-2	0	2.0-8.0	1-12
Kelk	0-14	15-25	---	6.6 - 8.4	0-1	0	0.0-4.0	1-5
	14-51	20-30	---	7.4 - 8.4	1-5	0	0.0-8.0	5-12
	51-60	20-30	---	8.5 - 9.0	1-5	0	4.0-16.0	13-30
2652:								
Malpais	0-3	6.0-12	---	6.6 - 8.4	0	0	0.0-4.0	0-12
	3-15	6.0-12	---	6.6 - 8.4	0-1	0	0.0-4.0	0-12
	15-60	6.0-12	---	7.9 - 9.0	0-5	0	0.0-4.0	5-30
Stingdorn	0-7	5.0-11	---	7.9 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
2670:								
Zoesta Variant	0-8	8.0-15	---	6.6 - 7.8	0	0	0.0	0
	8-27	44-53	---	7.4 - 8.4	0	0	0.0-2.0	0
	27-36	28-40	---	7.4 - 8.4	0	0	0.0-2.0	0
	36-60	9.0-13	---	7.9 - 8.4	1-2	0	2.0-8.0	0
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Mcvegas	0-5	6.0-11	---	7.9 - 8.4	0	0	0.0-4.0	2-12
	5-19	20-36	---	7.9 - 9.0	0-5	0	4.0-8.0	13-30
	19-22	---	---	---	---	---	---	---
	22-26	---	---	---	---	---	---	---
2681:								
Tessfive	0-6	8.0-14	---	7.9 - 9.0	0-15	0	0.0-2.0	0-5
	6-16	8.0-14	---	7.9 - 9.0	5-15	0	0.0-2.0	1-12
	16-20	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2681:								
Puett	0-4	10-20	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
Grina	0-3	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	3-14	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
2711:								
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
Burnborough	0-16	10-25	---	6.1 - 7.3	0	0	0.0	0
	16-60	15-30	---	6.1 - 7.3	0	0	0.0	0
2712:								
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
Alley	0-3	5.0-20	---	6.6 - 7.3	0	0	0.0	0
	3-16	10-25	---	6.6 - 8.4	10-20	0	0.0-2.0	0-5
	16-40	5.0-20	---	7.9 - 9.0	15-30	0	2.0-8.0	1-12
	40-60	4.0-7.0	---	7.9 - 9.0	15-30	0	2.0-8.0	1-12
Newpass	0-5	8.0-19	---	7.4 - 8.4	0	0	0.0-4.0	1-5
	5-17	36-49	---	7.9 - 9.0	0-5	0	2.0-8.0	13-30
	17-24	36-48	---	7.9 - 9.0	3-5	0	2.0-8.0	5-12
	24-34	---	---	---	---	---	---	---
	34-38	---	---	---	---	---	---	---
2721:								
Burnborough	0-16	10-25	---	6.1 - 7.3	0	0	0.0	0
	16-60	15-30	---	6.1 - 7.3	0	0	0.0	0
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Burrita	0-3	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	3-18	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	18-22	---	---	---	---	---	---	---
2760:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2760:								
Burrita	0-7	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	7-14	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Ginex	0-2	9.0-16	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	2-7	11-20	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	7-11	---	---	---	---	---	---	---
Burrita	0-7	10-20	---	7.9 - 9.0	0	0	0.0	0-5
	7-14	20-40	---	7.9 - 9.0	0	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
2771:								
Hopeka	0-8	10-20	---	7.9 - 9.0	30-50	0	0.0-2.0	0
	8-12	---	---	---	---	---	---	---
Kram	0-3	7.0-11	---	7.9 - 9.0	20-30	0	0.0-2.0	0
	3-10	5.0-13	---	7.9 - 9.0	20-30	0	2.0-8.0	1-5
	10-14	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
2783:								
Desatoya	0-3	9.0-17	---	6.6 - 7.8	0	0	0.0	0
	3-14	28-38	---	7.4 - 8.4	0-2	0	0.0	0
	14-60	5.0-11	---	7.9 - 9.0	2-5	0	2.0-8.0	1-12
Spike	0-2	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	2-6	28-36	---	7.9 - 9.0	0	0	2.0-8.0	13-45
	6-60	12-18	---	7.9 - 9.0	1-5	1-5	2.0-8.0	13-45
Desatoya	0-3	9.0-17	---	6.6 - 7.8	0	0	0.0	0
	3-14	28-38	---	7.4 - 8.4	0-2	0	0.0	0
	14-60	5.0-11	---	7.9 - 9.0	2-5	0	2.0-8.0	1-12
2790:								
Old Camp	0-5	7.0-16	---	6.6 - 7.8	0	0	0.0	0-5
	5-11	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	11-15	---	---	---	---	---	---	---
Minat	0-9	11-26	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-24	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-22	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Osoll	0-5	6.0-11	---	7.4 - 8.4	0-1	0	0.0	0
	5-12	6.0-11	---	7.9 - 9.0	0-5	0	0.0-2.0	1-5
	12-35	---	---	---	---	---	---	---
	35-39	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2790:								
2791:								
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
2793:								
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Laped	0-6	8.0-13	---	7.9 - 8.4	0	0	0.0-4.0	0
	6-18	16-21	---	7.9 - 9.0	0-1	0	0.0-4.0	1-5
	18-23	---	---	---	---	---	---	---
	23-27	---	---	---	---	---	---	---
2794:								
Old Camp	0-2	12-17	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Kram Variant	0-3	13-20	---	7.4 - 8.4	1-2	0	0.0	0
	3-11	11-18	---	7.9 - 9.0	2-5	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
2796:								
Old Camp	0-2	12-17	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Osoll	0-5	6.0-11	---	7.4 - 8.4	0-1	0	0.0	0
	5-12	6.0-11	---	7.9 - 9.0	0-5	0	0.0-2.0	1-5
	12-35	---	---	---	---	---	---	---
	35-39	---	---	---	---	---	---	---
Colbar	0-3	8.0-17	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	13-22	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	6.0-14	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2796:								
2797:								
Old Camp	0-2	12-17	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
2798:								
Old Camp	0-2	12-17	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Osoll	0-5	6.0-11	---	7.4 - 8.4	0-1	0	0.0	0
	5-12	6.0-11	---	7.9 - 9.0	0-5	0	0.0-2.0	1-5
	12-35	---	---	---	---	---	---	---
	35-39	---	---	---	---	---	---	---
2800:								
Old Camp	0-6	7.0-16	---	6.6 - 7.3	0	0	0.0	0
	6-16	15-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	16-20	---	---	---	---	---	---	---
Walti	0-4	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	4-10	18-25	---	6.6 - 7.8	0	0	0.0	0
	10-30	31-40	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Softscrabble	0-16	8.0-18	---	6.1 - 7.3	0	0	0.0	0
	16-30	18-25	---	6.1 - 7.3	0	0	0.0	0
	30-60	16-23	---	6.1 - 7.3	0	0	0.0	0
2801:								
Old Camp	0-3	11-19	---	6.6 - 7.8	0	0	0.0	0
	3-15	16-25	---	6.6 - 7.8	0-2	0	0.0	0
	15-19	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2801:								
Rock Outcrop	---	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
2802:								
Old Camp	0-3	11-19	---	6.6 - 7.8	0	0	0.0	0
	3-15	16-25	---	6.6 - 7.8	0-2	0	0.0	0
	15-19	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
3071:								
Allor	0-12	11-17	---	7.4 - 8.4	0	0	0.0	0
	12-34	16-23	---	7.4 - 8.4	0	0	0.0-2.0	0
	34-60	3.0-7.0	---	7.4 - 8.4	0-1	0	0.0-2.0	0
Wieland	0-8	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-20	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	20-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
3111:								
Ninemile	0-9	20-28	---	6.1 - 7.3	0	0	0.0	0
	9-19	38-54	---	6.1 - 7.3	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Itca	0-9	11-25	---	6.6 - 7.8	0	0	0.0	0
	9-17	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	17-21	---	---	---	---	---	---	---
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
3121:								
Walti	0-4	9.0-19	---	6.6 - 7.8	0	0	0.0	0
	4-10	18-27	---	6.6 - 7.8	0	0	0.0	0
	10-30	40-52	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3121:								
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-30	41-50	---	6.6 - 7.8	0	0	0.0	0
	30-52	28-37	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	52-56	---	---	---	---	---	---	---
Softscrabble	0-16	8.0-18	---	6.1 - 7.3	0	0	0.0	0
	16-30	18-25	---	6.1 - 7.3	0	0	0.0	0
	30-60	16-23	---	6.1 - 7.3	0	0	0.0	0
3122:								
Walti	0-4	10-20	---	6.6 - 7.8	0	0	0.0	0
	4-10	18-25	---	6.6 - 7.8	0	0	0.0	0
	10-30	30-36	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Softscrabble	0-16	8.0-18	---	6.1 - 7.3	0	0	0.0	0
	16-30	18-25	---	6.1 - 7.3	0	0	0.0	0
	30-60	16-23	---	6.1 - 7.3	0	0	0.0	0
3127:								
Walti	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-9	18-25	---	6.6 - 7.8	0	0	0.0	0
	9-22	30-36	---	6.6 - 7.8	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Softscrabble	0-9	10-20	---	6.1 - 7.3	0	0	0.0	0
	9-30	15-30	---	6.1 - 7.3	0	0	0.0	0
	30-60	15-30	---	6.1 - 7.3	0	0	0.0	0
3134:								
Itca	0-9	10-18	---	6.6 - 7.8	0	0	0.0	0
	9-17	28-40	---	6.6 - 8.4	0	0	0.0-2.0	0
	17-21	---	---	---	---	---	---	---
Clanalpine	0-12	10-20	---	6.6 - 7.3	0	0	0.0	0
	12-38	15-30	---	6.6 - 7.8	0	0	0.0	0
	38-42	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3134:								
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
3150:								
Robson	0-5	11-20	---	6.6 - 7.3	0	0	0.0	0
	5-15	32-42	---	7.4 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
3152:								
Robson	0-7	25-35	---	6.6 - 7.3	0	0	0.0	0
	7-19	50-60	---	7.4 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
3156:								
Robson	0-10	11-20	---	6.6 - 7.3	0	0	0.0	0
	10-14	28-34	---	6.6 - 7.8	0	0	0.0	0
	14-19	32-42	---	6.6 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Old Camp	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
3203:								
Dewar	0-4	10-25	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	4-14	15-30	---	6.6 - 8.4	0-5	0	0.0-4.0	1-12
	14-50	---	---	---	---	---	---	---
Sodhouse	0-3	5.0-15	---	7.9 - 8.4	0-5	0	0.0-2.0	5-12
	3-17	5.0-15	---	7.9 - 9.0	0-10	0	0.0-4.0	13-45
	17-29	---	---	---	---	---	0.0	---
	29-60	5.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	13-45
Bojo	0-4	7.0-12	---	7.9 - 8.4	0	0	0.0-2.0	0-5
	4-10	15-22	---	7.9 - 8.4	0-1	0	0.0-2.0	0-5
	10-14	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3410:								
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
Wieland	0-8	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-20	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	20-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
Akerue	0-3	20-30	---	6.6 - 7.8	0	0	0.0	0
	3-15	30-40	---	6.6 - 7.8	0	0	0.0	0
	15-21	---	---	---	---	---	---	---
	21-25	---	---	---	---	---	---	---
3413:								
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
Reluctan	0-9	15-25	---	6.6 - 7.8	0	0	0.0	0
	9-27	15-30	---	6.6 - 7.8	0	0	0.0	0
	27-31	---	---	---	---	---	---	---
3415:								
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
Handy	0-4	13-20	---	6.6 - 7.8	0	0	0.0	0
	4-30	32-41	---	6.6 - 7.8	0-1	0	0.0-2.0	0
	30-60	8.0-13	---	7.9 - 9.0	2-5	0	0.0-4.0	0
3417:								
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5
Loncan	0-14	15-20	---	6.6 - 7.3	0	0	0.0	0
	14-31	10-15	---	6.6 - 7.3	0	0	0.0	0
	31-35	---	---	---	---	---	---	---
Welch	0-4	15-20	---	6.1 - 7.3	0	0	0.0	0
	4-60	25-35	---	6.1 - 7.8	0	0	0.0	0
Welch	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3417:								
3420:								
Belate	0-14	8.0-17	---	6.6 - 7.3	0	0	0.0	0
	14-60	11-20	---	6.6 - 7.8	0	0	0.0	0
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Softscrabble	0-16	8.0-18	---	6.1 - 7.3	0	0	0.0	0
	16-30	18-25	---	6.1 - 7.3	0	0	0.0	0
	30-60	16-23	---	6.1 - 7.3	0	0	0.0	0
3423:								
Belate	0-14	8.0-17	---	6.6 - 7.3	0	0	0.0	0
	14-60	11-20	---	6.6 - 7.8	0	0	0.0	0
Cleavage	0-4	15-20	---	6.6 - 7.8	0	0	0.0	0
	4-15	15-30	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Softscrabble	0-9	10-20	---	6.1 - 7.3	0	0	0.0	0
	9-30	15-30	---	6.1 - 7.3	0	0	0.0	0
	30-60	15-30	---	6.1 - 7.3	0	0	0.0	0
Welch	---	---	---	---	---	---	---	---
3432:								
Bregar	0-4	15-25	---	6.1 - 7.8	0	0	0.0	0
	4-11	20-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Roca	0-5	25-35	---	6.6 - 7.8	0	0	0.0	0
	5-27	30-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Quarz	0-7	15-25	---	6.6 - 7.8	0	0	0.0	0
	7-26	30-55	---	6.6 - 7.8	0	0	0.0	0
	26-30	---	---	---	---	---	---	---
3433:								
Bregar	0-4	10-25	---	6.1 - 7.8	0	0	0.0	0
	4-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3433:								
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-18	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
3451:								
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Robson	0-10	11-20	---	6.6 - 7.3	0	0	0.0	0
	10-14	28-34	---	6.6 - 7.8	0	0	0.0	0
	14-19	32-42	---	6.6 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
3452:								
Reluctan	0-8	10-20	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Sumine	0-10	10-20	---	6.6 - 7.8	0	0	0.0	0
	10-30	15-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
3453:								
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	15-30	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Itca	0-9	11-25	---	6.6 - 7.8	0	0	0.0	0
	9-17	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	17-21	---	---	---	---	---	---	---
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
3455:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3455:								
Reluctan	0-8	15-25	---	6.6 - 7.8	0	0	0.0	0
	8-33	20-35	---	6.6 - 7.8	0	0	0.0	0
	33-37	---	---	---	---	---	---	---
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
3560:								
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Robson	0-7	11-20	---	6.6 - 7.3	0	0	0.0	0
	7-19	32-42	---	7.4 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Bregar	0-4	10-25	---	6.1 - 7.8	0	0	0.0	0
	4-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
3561:								
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Sumine	0-10	20-30	---	6.6 - 7.8	0	0	0.0	0
	10-30	20-30	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Glean	0-6	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-49	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	49-53	---	---	---	---	---	---	---
3564:								
Locane	0-6	9.0-16	---	6.1 - 7.3	0	0	0.0	0
	6-14	28-34	---	6.1 - 7.3	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Zoesta	0-7	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	7-23	32-44	---	7.4 - 8.4	0-1	0	0.0	0
	23-31	18-36	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	31-60	12-21	---	7.9 - 9.0	3-5	0	0.0-2.0	1-5

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3564:								
Bucan	0-5	14-19	---	6.6 - 7.3	0	0	0.0	0
	5-30	35-50	---	6.6 - 7.8	0	0	0.0	0
	30-52	25-37	---	7.9 - 9.0	0	0	0.0-2.0	1-5
	52-56	---	---	---	---	---	---	---
3621:								
Minat	0-9	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-17	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-16	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Bojo	0-4	10-13	---	7.4 - 8.4	0	0	0.0-4.0	0-5
	4-10	15-22	---	7.4 - 8.4	0-1	0	0.0-4.0	0-5
	10-14	---	---	---	---	---	---	---
Stingdorn	0-7	5.0-11	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
3622:								
Minat	0-9	11-20	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-17	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-16	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Minat	0-4	11-20	---	7.4 - 8.4	0	0	0.0	0
	4-21	9.0-17	---	7.4 - 8.4	0	0	0.0	0
	21-60	9.0-16	---	7.9 - 9.0	0-1	0	0.0-2.0	0
3624:								
Minat	0-9	11-20	---	7.4 - 8.4	0	0	0.0	0
	9-27	9.0-17	---	7.4 - 8.4	0	0	0.0	0
	27-60	9.0-16	---	7.9 - 9.0	0-1	0	0.0-2.0	0
Colbar	0-3	5.0-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
Atlow	0-3	11-24	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-14	16-28	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
3650:								
Mcvegas	0-5	6.0-11	---	7.9 - 8.4	0	0	0.0-4.0	2-12
	5-19	20-36	---	7.9 - 9.0	0-5	0	4.0-8.0	13-30
	19-22	---	---	---	---	---	---	---
	22-26	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3650:								
Old Camp	0-2	7.0-16	---	6.6 - 7.8	0	0	0.0	0-5
	2-14	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	14-18	---	---	---	---	---	---	---
Kingingham	0-7	7.0-12	---	7.9 - 9.0	0	0	0.0-4.0	5-12
	7-22	28-40	---	7.9 - 9.0	1-2	0	8.0-16.0	13-30
	22-60	---	---	---	---	---	---	---
3651:								
Mcvegas	0-5	6.0-11	---	7.9 - 8.4	0	0	0.0-4.0	2-10
	5-19	20-36	---	7.9 - 9.0	0-5	0	4.0-8.0	15-30
	19-22	---	---	---	---	---	---	---
	22-26	---	---	---	---	---	---	---
Beoska	0-8	5.0-15	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	8-18	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	18-60	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
3652:								
Mcvegas	0-5	6.0-11	---	7.9 - 8.4	0	0	0.0-4.0	2-10
	5-19	20-36	---	7.9 - 9.0	0-5	0	4.0-8.0	13-30
	19-22	---	---	---	---	---	---	---
	22-26	---	---	---	---	---	---	---
Stingdorn	0-7	5.0-11	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Colbar	0-3	5.0-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	3-22	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	22-26	5.0-25	---	7.9 - 8.4	0	0	0.0-2.0	0
	26-30	---	---	---	---	---	---	---
3661:								
Dun Glen	0-3	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	3-10	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	10-60	5.0-15	---	7.9 - 9.6	1-10	0-1	2.0-4.0	13-45
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-24	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	24-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
3690:								
Izod	0-4	13-19	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	4-10	11-17	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3690:								
Koynik	0-6	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0
	6-8	5.0-15	---	7.9 - 9.0	40-60	0	0.0-2.0	1-12
	8-12	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
3691:								
Izod	0-4	13-19	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	4-10	11-17	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
3693:								
Izod	0-4	13-19	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	4-10	11-17	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Attella	0-3	11-21	---	7.4 - 8.4	5-15	0	0.0-2.0	0-1
	3-7	11-20	---	7.4 - 8.4	5-15	0	0.0-2.0	0-1
	7-11	---	---	---	---	---	---	---
Xine	0-10	10-20	---	7.4 - 8.4	1-5	0	0.0	0
	10-33	5.0-15	---	7.9 - 9.0	10-20	0	0.0-2.0	0
	33-37	---	---	---	---	---	---	---
3740:								
Kelk	0-3	10-25	---	7.9 - 8.4	0	0	0.0-4.0	5-12
	3-18	10-20	---	8.5 - 9.0	0-1	0	4.0-16.0	13-30
	18-42	10-20	---	8.5 - 9.0	1-5	0	4.0-16.0	13-30
	42-60	10-20	---	8.5 - 9.0	1-5	0	4.0-16.0	13-30
3741:								
Kelk	0-14	10-20	---	6.6 - 8.4	0-1	0	0.0-4.0	1-5
	14-51	20-30	---	7.4 - 8.4	1-5	0	0.0-8.0	5-12
	51-60	20-30	---	8.5 - 9.0	1-5	0	4.0-16.0	13-30
Settlemeyer	0-16	9.0-20	---	7.4 - 8.4	0	0	0.0-4.0	0
	16-40	15-25	---	7.4 - 8.4	0	0	0.0-4.0	0
	40-60	6.0-14	---	7.4 - 8.4	0-1	0	0.0-4.0	0
Aeric Fluvaquents	---	---	---	---	---	---	---	---
3742:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3742:								
Kelk	0-14	10-20	---	6.6 - 8.4	0-1	0	0.0-4.0	1-5
	14-51	20-30	---	7.4 - 8.4	1-5	0	0.0-8.0	5-12
	51-60	20-30	---	8.5 - 9.0	1-5	0	4.0-16.0	13-30
Ocala	0-13	10-18	---	8.5 - 9.0	10-20	0	16.0-32.0	31-90
	13-60	11-21	---	8.5 - 9.0	15-25	1-5	8.0-16.0	13-45
3840:								
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Buffaran	0-4	16-24	---	6.6 - 7.8	0	0	0.0	0
	4-15	28-42	---	6.6 - 8.4	0-1	0	0.0-4.0	0
	15-60	---	---	---	---	---	---	---
Norfork	0-3	13-20	---	6.6 - 7.8	0	0	0.0	0
	3-14	29-38	---	7.4 - 8.4	0	0	0.0-4.0	0
	14-17	9.0-15	---	7.4 - 8.4	1-2	0	0.0-4.0	1-5
	17-22	---	---	---	---	---	---	---
	22-26	---	---	---	---	---	---	---
3841:								
Jung	0-8	11-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Itca	0-9	11-25	---	6.6 - 7.8	0	0	0.0	0
	9-17	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	17-21	---	---	---	---	---	---	---
Roca	0-5	10-25	---	6.1 - 7.8	0	0	0.0	0
	5-27	20-40	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	27-31	---	---	---	---	---	---	---
3843:								
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Robson	0-7	25-35	---	6.6 - 7.3	0	0	0.0	0
	7-19	50-60	---	7.4 - 7.8	0	0	0.0	0
	19-23	---	---	---	---	---	---	---
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3845:								
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Stingdorn	0-7	5.0-11	---	7.4 - 9.0	0	0	0.0-2.0	0
	7-15	16-21	---	7.4 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Atlow	0-3	10-25	---	7.4 - 8.4	0	0	0.0	0
	3-14	15-30	---	7.9 - 9.0	0-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
3846:								
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Wiskan	0-16	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-28	15-30	---	7.4 - 8.4	0-5	0	0.0-2.0	0
	28-32	---	---	---	---	---	---	---
3881:								
Layview	0-3	13-20	---	6.6 - 7.8	0	0	0.0	0
	3-12	15-25	---	6.6 - 7.8	0	0	0.0	0
	12-16	---	---	---	---	---	---	---
Packer	0-10	15-20	---	6.6 - 7.3	0	0	0.0	0
	10-21	15-25	---	6.6 - 7.3	0	0	0.0	0
	21-60	5.0-10	---	6.6 - 7.3	0	0	0.0	0
Hapgood	0-17	13-23	---	6.6 - 7.3	0	0	0.0	0
	17-40	11-21	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-17	---	6.6 - 7.3	0	0	0.0	0
3950:								
Hooplite	0-4	8.0-16	---	7.4 - 8.4	0-1	0	0.0-4.0	0
	4-8	14-20	---	7.4 - 8.4	1-2	0	0.0-4.0	0
	8-12	---	---	---	---	---	---	---
Jung	0-8	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	8-19	28-37	---	7.9 - 9.0	0-2	0	0.0-2.0	0
	19-23	---	---	---	---	---	---	---
Izod	0-4	13-19	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	4-10	11-17	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
3961:								
Pineval	0-5	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	5-11	15-23	---	7.4 - 8.4	0-1	0	0.0	0
	11-60	3.0-6.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
Orovada	0-8	7.0-15	---	6.6 - 7.8	0	0	0.0	0-5
	8-26	5.0-12	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	26-60	5.0-11	---	7.9 - 9.0	1-15	0-1	4.0-16.0	1-12
Beoska	0-13	5.0-10	---	7.9 - 9.0	0	0	2.0-4.0	13-30
	13-24	15-30	---	7.9 - 9.0	1-10	0	8.0-16.0	13-30
	24-55	5.0-10	---	7.9 - 9.0	10-20	0	8.0-16.0	13-90
	55-60	5.0-10	---	7.9 - 9.0	15-25	0	8.0-16.0	13-30
3990:								
Settlemeyer	0-10	9.0-20	---	7.4 - 8.4	0	0	0.0-4.0	0
	10-36	15-25	---	7.4 - 8.4	0	0	0.0-4.0	0
	36-60	6.0-14	---	7.4 - 8.4	0-1	0	0.0-4.0	0
Settlemeyer	---	---	---	---	---	---	---	---
3992:								
Settlemeyer	0-16	12-24	---	7.4 - 8.4	0	0	0.0-4.0	0
	16-40	15-25	---	7.4 - 8.4	0	0	0.0-4.0	0
	40-60	6.0-14	---	7.4 - 8.4	0-1	0	0.0-4.0	0
Settlemeyer	0-15	20-30	---	7.9 - 9.0	0-2	0	0.0-8.0	1-12
	15-35	25-35	---	7.9 - 8.4	0-2	0	0.0-8.0	1-12
	35-60	10-20	---	6.6 - 8.4	0-2	0	0.0-8.0	0-12
4051:								
Attella	0-3	11-21	---	7.4 - 8.4	5-15	0	0.0-2.0	0-1
	3-7	11-20	---	7.4 - 8.4	5-15	0	0.0-2.0	0-1
	7-17	---	---	---	---	---	---	---
Xine	0-10	10-20	---	7.4 - 8.4	1-5	0	0.0	0
	10-33	5.0-15	---	7.9 - 9.0	10-20	0	0.0-2.0	0
	33-37	---	---	---	---	---	---	---
Kram	0-4	7.0-15	---	7.9 - 9.0	20-30	0	0.0-2.0	0
	4-13	5.0-13	---	7.9 - 9.0	20-30	0	2.0-8.0	1-5
	13-23	---	---	---	---	---	---	---
4070:								
Genaw	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	6-11	10-25	---	7.9 - 8.4	0-5	0	0.0-4.0	1-12
	11-16	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
	16-20	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
4070:								
Wieland	0-8	15-30	---	7.4 - 8.4	0	0	0.0-2.0	0
	8-20	30-60	---	7.4 - 9.0	0-5	0	0.0-4.0	0
	20-60	20-40	---	7.9 - 9.0	5-20	0	0.0-8.0	0-5
Grina	0-3	10-20	---	7.9 - 8.4	10-20	0	0.0	0
	3-14	10-20	---	7.9 - 8.4	10-20	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
4071:								
Genaw	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	6-11	10-25	---	7.9 - 8.4	0-5	0	0.0-4.0	1-12
	11-16	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
	16-20	---	---	---	---	---	---	---
Perlor	0-7	6.0-13	---	7.9 - 9.0	0-2	0	0.0-4.0	1-5
	7-14	6.0-11	---	8.5 - 9.0	1-5	0	0.0-4.0	1-12
	14-18	---	---	---	---	---	---	---
Puett	0-4	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-15	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	15-19	---	---	---	---	---	---	---
4072:								
Genaw	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	6-11	10-25	---	7.9 - 8.4	0-5	0	0.0-4.0	1-12
	11-16	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
	16-20	---	---	---	---	---	---	---
Orovada	0-8	10-15	---	6.6 - 8.4	0	0	0.0	0-5
	8-20	10-20	---	7.4 - 8.4	0-5	0	0.0-4.0	1-12
	20-60	10-20	---	7.9 - 9.6	0-10	0-2	4.0-16.0	13-45
Puett	0-4	4.0-9.0	---	7.9 - 9.0	1-5	0	0.0-2.0	0
	4-15	3.0-8.0	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	15-19	---	---	---	---	---	---	---
4091:								
Coztur	0-11	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	11-17	13-23	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Genaw	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	6-11	10-25	---	7.9 - 8.4	0-5	0	0.0-4.0	1-12
	11-16	10-20	---	7.9 - 9.0	1-5	0	0.0-4.0	1-12
	16-20	---	---	---	---	---	---	---
4093:								

Table J2. - Chemical Properties of the Soils - Continued

Lander County, Nevada, North Part

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon-ate	Gypsum	Salinity	Sodium Adsorp-tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
4093:								
Coztur	0-11	9.0-18	---	6.6 - 7.8	0	0	0.0	0
	11-17	13-23	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Teguro	0-6	8.0-15	---	6.1 - 7.3	0	0	0.0	0
	6-16	15-23	---	6.1 - 7.3	0	0	0.0	0
	16-20	---	---	---	---	---	---	---
Punchbowl	0-3	7.0-13	---	6.6 - 7.8	0	0	0.0	0
	3-7	11-18	---	6.6 - 8.4	1-3	0	0.0	0
	7-11	15-23	---	7.4 - 8.4	0-3	0	0.0-2.0	0
	11-15	---	---	---	---	---	---	---
4140:								
Welch	0-4	15-20	---	6.1 - 7.3	0	0	0.0	0
	4-60	25-35	---	6.1 - 7.8	0	0	0.0	0
Welch	---	---	---	---	---	---	---	---
4150:								
Water	---	---	---	---	---	---	---	---