

## Table J2. - Chemical Properties of the Soils

Eureka County Area, Nevada

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 Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
100:								
Wholan	0-3	3.0-10	---	7.4 - 9.0	0-1	0	2.0-4.0	0-12
	3-60	3.0-10	---	7.4 - 9.0	0-15	0	4.0-16.0	0-12
101:								
Wholan	0-3	3.0-10	---	7.4 - 9.0	0-1	0	2.0-4.0	0-12
	3-60	3.0-10	---	7.4 - 9.0	0-15	0	4.0-16.0	0-12
Clowfin	0-4	5.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	13-30
	4-40	5.0-11	---	7.9 - 9.0	3-5	0	0.0-2.0	13-30
	40-60	0.0-3.0	---	7.9 - 9.0	3-5	0	2.0-4.0	5-12
111:								
Lien	0-4	10-25	---	7.9 - 9.0	5-20	0	2.0-4.0	1-5
	4-8	5.0-20	---	7.9 - 9.0	5-20	0	2.0-8.0	1-5
	8-22	---	---	---	---	---	---	---
Lien	0-4	10-25	---	7.9 - 9.0	5-20	0	2.0-4.0	1-5
	4-12	5.0-20	---	7.9 - 9.0	5-20	0	2.0-8.0	1-5
	12-22	---	---	---	---	---	---	---
Hayeston	0-4	3.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	1-5
	4-27	3.0-11	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	27-60	3.0-6.0	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
121:								
Piltown	0-6	5.0-15	---	7.4 - 9.0	1-5	0	0.0-4.0	0
	6-60	5.0-15	---	7.4 - 9.0	1-10	0	2.0-8.0	1-5
131:								
Pumper	0-13	5.0-15	---	7.4 - 9.0	0-1	0	0.0-2.0	5-12
	13-60	0.0-5.0	---	7.9 - 9.0	2-10	0	0.0-8.0	5-12
141:								
Pedoli	0-4	11-16	---	6.6 - 7.8	0	0	0.0	0
	4-16	15-23	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5
	16-60	3.0-6.0	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5
Poorcal	0-5	9.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	5-29	6.0-13	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
	29-60	3.0-6.0	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
142:								
Pedoli	0-4	11-16	---	6.6 - 7.8	0	0	0.0	0
	4-16	15-23	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5
	16-60	3.0-6.0	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
142:								
Shibley	0-9	3.0-10	---	7.9 - 8.4	1-2	0	0.0	0
	9-41	5.0-11	---	8.5 - 9.0	2-5	0	2.0-4.0	1-12
	41-60	5.0-11	---	7.9 - 8.4	2-5	0	2.0-4.0	1-5
143:								
Pedoli	0-4	11-16	---	6.6 - 7.8	0	0	0.0	0
	4-16	15-23	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5
	16-60	3.0-6.0	---	7.9 - 9.0	0-5	0	0.0-4.0	1-5
Silverado	0-6	7.0-11	---	6.1 - 7.8	0	0	0.0	0
	6-14	6.0-10	---	6.1 - 7.8	0	0	0.0	0
	14-35	3.0-9.0	---	6.6 - 8.4	0	0	0.0-2.0	0
	35-60	0.0-3.0	---	7.9 - 9.0	1-2	0	0.0-2.0	0
155:								
Sonoma	0-13	12-18	---	7.9 - 9.0	3-12	0	16.0-32.0	13-30
	13-60	15-23	---	7.9 - 9.0	3-12	0	2.0-8.0	13-30
160:								
Ocala	0-14	10-15	---	8.5 - 9.6	10-20	0	8.0-16.0	31-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	4.0-16.0	25-50
Ocala	0-3	10-15	---	8.5 - 9.6	10-20	0	8.0-16.0	31-60
	3-14	10-20	---	8.5 - 9.6	10-20	0	4.0-16.0	25-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	8.0-16.0	25-50
Typic Haplaquolls	0-11	25-40	---	7.9 - 9.0	0	0	4.0-8.0	0
161:								
Ocala	0-14	10-15	---	8.5 - 9.6	10-20	0	8.0-16.0	31-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	4.0-16.0	25-50
164:								
Ocala	0-3	10-15	---	8.5 - 9.6	10-20	0	8.0-16.0	31-60
	3-14	10-20	---	8.5 - 9.6	10-20	0	4.0-16.0	25-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	8.0-16.0	25-50
171:								
Nuc	0-4	8.0-13	---	7.9 - 8.4	20-30	0	0.0-2.0	0
	4-44	9.0-20	---	7.9 - 9.0	40-70	0	0.0-2.0	0
	44-60	0.0-6.0	---	8.5 - 9.0	25-40	0	0.0-2.0	0
Maghills	0-8	6.0-13	---	7.9 - 8.4	15-30	0	0.0-4.0	0-5
	8-17	6.0-12	---	7.9 - 8.4	30-40	0	0.0-4.0	0-5
	17-44	6.0-12	---	7.9 - 9.0	40-60	0	2.0-8.0	0-5
	44-60	0.0-3.0	---	7.9 - 9.0	30-40	0	2.0-8.0	0-5

172:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
172:								
Nuc	0-13	8.0-13	---	7.9 - 8.4	20-30	0	0.0-2.0	0
	13-44	9.0-20	---	7.9 - 9.0	40-70	0	0.0-2.0	0
	44-60	0.0-6.0	---	8.5 - 9.0	25-40	0	0.0-2.0	0
Maghills	0-8	6.0-13	---	8.5 - 9.0	15-30	0	0.0-4.0	0-5
	8-17	6.0-12	---	8.5 - 9.0	25-40	0	2.0-8.0	0-5
	17-44	6.0-12	---	8.5 - 9.6	40-60	0	2.0-8.0	0-5
	44-60	0.0-3.0	---	7.9 - 9.6	30-40	0	2.0-8.0	0-5
180:								
Clowfin	0-4	5.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	13-30
	4-40	5.0-11	---	7.9 - 9.0	3-5	0	0.0-2.0	13-30
	40-60	0.0-3.0	---	7.9 - 9.0	3-5	0	2.0-4.0	5-12
190:								
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	5-25
191:								
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	5-25
Pumper	0-13	5.0-15	---	7.4 - 9.0	0-1	0	0.0-2.0	5-12
	13-60	0.0-5.0	---	7.9 - 9.0	2-10	0	0.0-8.0	5-12
192:								
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	5-25
Ricert	0-5	8.0-20	---	7.9 - 8.4	1-3	0	0.0-2.0	5-12
	5-14	15-29	---	8.5 - 9.0	1-5	0	2.0-8.0	13-30
	14-20	14-27	---	8.5 - 9.0	2-10	0	2.0-8.0	13-45
	20-60	3.0-11	---	8.5 - 9.0	5-10	0	2.0-8.0	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
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
201:								
Umil	0-7	8.0-16	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-12	11-17	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	12-42	---	---	---	---	---	---	---

202:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
202:								
Umil	0-7	8.0-16	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-12	11-17	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	12-42	---	---	---	---	---	---	---
Hayeston	0-4	3.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	1-5
	4-27	3.0-11	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	27-60	3.0-6.0	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
203:								
Umil	0-7	8.0-16	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-12	11-17	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	12-42	---	---	---	---	---	---	---
Clowfin	0-4	5.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	13-30
	4-40	5.0-11	---	7.9 - 9.0	3-5	0	0.0-2.0	13-30
	40-60	0.0-3.0	---	7.9 - 9.0	3-5	0	2.0-4.0	5-12
210:								
Molion	0-5	8.0-14	---	7.9 - 8.4	1-3	0	0.0-2.0	0
	5-19	5.0-13	---	7.9 - 9.0	2-3	0	0.0-2.0	0
	19-33	---	---	---	---	---	---	---
	33-60	5.0-7.0	---	8.5 - 9.0	2-3	0	0.0-2.0	1-12
211:								
Molion	0-5	8.0-14	---	7.9 - 8.4	1-3	0	0.0-2.0	0
	5-19	5.0-13	---	7.9 - 9.0	2-3	0	0.0-2.0	0
	19-33	---	---	---	---	---	---	---
	33-60	5.0-7.0	---	8.5 - 9.0	2-3	0	0.0-2.0	1-12
Kobeh	0-7	8.0-13	---	6.1 - 7.3	0	0	0.0	0
	7-15	3.0-10	---	6.6 - 9.0	0	0	0.0-4.0	0
	15-60	0.0-6.0	---	6.6 - 9.0	0	0	0.0-2.0	0
221:								
Hodedo	0-6	16-24	---	6.1 - 7.3	0	0	0.0	0
	6-20	28-40	---	6.1 - 7.3	0	0	0.0	0
	20-29	---	---	---	---	---	---	---
	29-60	3.0-6.0	---	7.4 - 9.0	0	0	0.0-4.0	0
222:								
Hodedo	0-6	16-24	---	6.1 - 7.3	0	0	0.0	0
	6-20	28-40	---	6.1 - 7.3	0	0	0.0	0
	20-29	---	---	---	---	---	---	---
	29-60	3.0-6.0	---	7.4 - 9.0	0	0	0.0-4.0	0

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
222:								
Coils	0-5	11-20	---	6.6 - 7.8	0	0	0.0	0
	5-26	28-38	---	6.6 - 7.8	0-1	0	0.0	0
	26-37	---	---	---	---	---	---	---
	37-60	7.0-12	---	7.4 - 8.4	1-2	0	0.0-4.0	0
223:								
Hodedo	0-6	16-24	---	6.1 - 7.3	0	0	0.0	0
	6-20	28-40	---	6.1 - 7.3	0	0	0.0	0
	20-29	---	---	---	---	---	---	---
	29-60	3.0-6.0	---	7.4 - 9.0	0	0	0.0-4.0	0
230:								
Nadra	0-7	6.0-13	---	7.9 - 9.0	1-2	0	2.0-4.0	1-5
	7-19	6.0-11	---	7.9 - 9.0	2-4	0	2.0-8.0	1-5
	19-33	---	---	---	---	---	---	---
	33-60	1.0-3.0	---	8.5 - 9.0	3-5	0	2.0-8.0	5-12
241:								
Humboldt	0-13	20-45	---	7.9 - 9.0	1-10	0	4.0-8.0	1-12
	13-65	25-40	---	7.9 - 9.6	1-10	0-1	4.0-8.0	13-30
250:								
Diane	0-5	9.0-16	---	8.5 - 9.0	1-10	0	4.0-8.0	13-45
	5-57	12-21	---	7.9 - 9.0	1-10	0	4.0-8.0	13-45
	57-60	11-18	---	7.9 - 9.0	1-10	0	4.0-8.0	5-12
Haplaquolls	0-11	25-40	---	7.9 - 9.0	0	0	4.0-8.0	0
260:								
Shipley	0-9	3.0-10	---	7.9 - 8.4	1-2	0	0.0	0
	9-41	5.0-11	---	8.5 - 9.0	2-5	0	2.0-4.0	1-12
	41-60	5.0-11	---	7.9 - 8.4	2-5	0	2.0-4.0	1-5
270:								
Poorcal	0-5	9.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	5-29	6.0-13	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
	29-60	3.0-6.0	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
271:								
Poorcal	0-5	9.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	5-29	6.0-13	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
	29-60	3.0-6.0	---	8.5 - 9.0	10-35	0	0.0-2.0	1-12
Lopwash	0-10	7.0-13	---	7.9 - 9.0	0	0	2.0-4.0	1-12
	10-32	6.0-11	---	7.9 - 9.0	0-2	0	2.0-8.0	1-12
	32-60	2.0-5.0	---	7.9 - 9.0	0-2	0	2.0-8.0	1-12
280:								

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
280:								
Coils	0-5	11-20	---	6.6 - 7.8	0	0	0.0	0
	5-26	28-38	---	6.6 - 7.8	0-1	0	0.0	0
	26-37	---	---	---	---	---	---	---
	37-60	7.0-12	---	7.4 - 8.4	1-2	0	0.0-4.0	0
282:								
Coils	0-5	11-20	---	6.6 - 7.8	0	0	0.0	0
	5-26	28-38	---	6.6 - 7.8	0-1	0	0.0	0
	26-37	---	---	---	---	---	---	---
	37-60	7.0-12	---	7.4 - 8.4	1-2	0	0.0-4.0	0
Mau	0-4	13-25	---	6.1 - 7.3	0	0	0.0	0
	4-24	21-38	---	6.1 - 7.3	0	0	0.0	0
	24-34	18-36	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	34-38	---	---	---	---	---	---	---
283:								
Coils	0-5	11-20	---	6.6 - 7.8	0	0	0.0	0
	5-26	28-38	---	6.6 - 7.8	0-1	0	0.0	0
	26-37	---	---	---	---	---	---	---
	37-60	7.0-12	---	7.4 - 8.4	1-2	0	0.0-4.0	0
Umil	0-7	8.0-16	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-12	11-17	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	12-42	---	---	---	---	---	---	---
291:								
Ricert	0-5	7.0-12	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	5-14	15-21	---	8.5 - 9.0	0	0	2.0-8.0	13-45
	14-20	13-20	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-45
	20-60	4.0-9.0	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-30
Pumper	0-13	5.0-15	---	7.4 - 9.0	0-1	0	0.0-2.0	5-12
	13-60	0.0-5.0	---	7.9 - 9.0	2-10	0	0.0-8.0	5-12
Clowfin	0-4	5.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	13-30
	4-40	5.0-11	---	7.9 - 9.0	3-5	0	0.0-2.0	13-30
	40-60	0.0-3.0	---	7.9 - 9.0	3-5	0	2.0-4.0	5-12
292:								
Ricert	0-5	7.0-12	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	5-14	15-21	---	8.5 - 9.0	0	0	2.0-8.0	13-45
	14-20	13-20	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-45
	20-60	4.0-9.0	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-30

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

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	
292:								
Silverado	0-6	7.0-11	---	6.1 - 7.8	0	0	0.0	0
	6-14	6.0-10	---	6.1 - 7.8	0	0	0.0	0
	14-35	3.0-9.0	---	6.6 - 8.4	0	0	0.0-2.0	0
	35-60	0.0-3.0	---	7.9 - 9.0	1-2	0	0.0-2.0	0
293:								
Ricert	0-5	7.0-12	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	5-14	15-21	---	8.5 - 9.0	0	0	2.0-8.0	13-45
	14-20	13-20	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-45
	20-60	4.0-9.0	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-30
Nevador	0-5	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	5-22	15-23	---	6.6 - 8.4	0	0	2.0-4.0	0
	22-60	3.0-9.0	---	7.4 - 9.0	1-2	0	2.0-8.0	0
300:								
Rutab	0-6	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	6-22	5.0-13	---	7.4 - 7.8	0	0	0.0	0
	22-60	3.0-7.0	---	7.9 - 8.4	0	0	0.0-2.0	0
311:								
Eightmile	0-3	8.0-15	---	7.4 - 7.8	0	0	0.0-4.0	0
	3-9	6.0-13	---	7.4 - 7.8	0	0	0.0-4.0	0
	9-24	---	---	---	---	---	---	---
	24-28	---	---	---	---	---	---	---
Loncan	0-10	15-20	---	6.6 - 7.3	0	0	0.0	0
	10-35	10-15	---	6.6 - 7.3	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Glean	0-14	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	14-56	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	56-60	---	---	---	---	---	---	---
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
321:								
Mau	0-4	8.0-25	---	6.1 - 7.3	0	0	0.0	0
	4-24	21-38	---	6.1 - 7.3	0	0	0.0	0
	24-34	18-36	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	34-38	---	---	---	---	---	---	---
Shagnasty	0-12	9.0-19	---	6.1 - 7.8	0	0	0.0	0
	12-36	28-42	---	6.1 - 7.8	0	0	0.0	0
	36-59	18-32	---	6.1 - 7.8	0	0	0.0	0
	59-63	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
321:								
Eightmile	0-3	8.0-15	---	7.4 - 7.8	0	0	0.0-4.0	0
	3-9	6.0-13	---	7.4 - 7.8	0	0	0.0-4.0	0
	9-24	---	---	---	---	---	---	---
	24-28	---	---	---	---	---	---	---
330:								
Hopeka	0-9	10-20	---	7.9 - 9.0	30-50	0	0.0-2.0	0
	9-13	---	---	---	---	---	---	---
Solak	0-10	6.0-13	---	7.9 - 9.0	3-15	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Ados	0-4	10-15	---	7.9 - 9.0	1-5	0	0.0-2.0	1-5
	4-30	5.0-10	---	7.9 - 9.0	30-50	0	0.0-2.0	1-5
	30-39	---	---	---	---	---	---	---
	39-43	---	---	---	---	---	---	---
331:								
Hopeka	0-9	10-20	---	7.9 - 9.0	30-50	0	0.0-2.0	0
	9-13	---	---	---	---	---	---	---
Solak	0-10	6.0-13	---	7.9 - 9.0	3-15	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
332:								
Hopeka	0-9	10-20	---	7.9 - 9.0	30-50	0	0.0-2.0	0
	9-13	---	---	---	---	---	---	---
Cavehill	0-9	15-30	---	7.9 - 9.0	10-20	0	0.0	0
	9-18	15-25	---	7.9 - 9.0	20-40	0	0.0	0
	18-29	10-20	---	7.9 - 9.0	30-50	0	0.0-2.0	0
	29-33	---	---	---	---	---	---	---
341:								
Tenvorrd	0-9	10-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	9-19	10-25	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
	19-40	---	---	---	---	---	---	---
Kodra	0-5	5.0-15	---	7.9 - 8.4	0	0	0.0	0
	5-28	5.0-10	---	7.9 - 9.0	1-15	0	0.0-4.0	1-12
	28-48	---	---	---	---	---	---	---
	48-60	5.0-10	---	7.9 - 9.0	5-15	0	0.0-2.0	1-5
350:								

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
350:								
Fenster	0-6	11-16	---	7.9 - 9.0	5-15	0-1	16.0-32.0	13-30
	6-13	11-21	---	8.5 - 9.0	5-15	1-5	8.0-32.0	13-30
	13-60	11-21	---	7.9 - 9.0	5-15	1-5	4.0-16.0	5-12
351:								
Fenster	0-6	11-16	---	7.9 - 8.4	5-15	0-1	0.0-4.0	1-5
	6-13	11-21	---	7.9 - 8.4	5-15	0-1	0.0-4.0	1-5
	13-60	11-21	---	7.9 - 9.0	5-15	0-1	4.0-16.0	5-12
352:								
Fenster	0-6	11-16	---	7.9 - 8.4	5-15	0-1	0.0-4.0	1-5
	6-13	11-21	---	7.9 - 8.4	5-15	0-1	0.0-4.0	1-5
	13-60	11-21	---	7.9 - 9.0	5-15	0-1	4.0-16.0	5-12
Jesse Camp	0-10	15-30	---	7.9 - 8.4	0-2	0	0.0-2.0	0-12
	10-60	15-25	---	7.9 - 9.0	5-15	0-1	2.0-8.0	1-12
353:								
Fenster	0-6	11-16	---	7.9 - 9.0	5-15	0-1	16.0-32.0	13-30
	6-13	11-21	---	8.5 - 9.0	5-15	1-5	8.0-32.0	13-30
	13-60	11-21	---	7.9 - 9.0	5-15	1-5	4.0-16.0	5-12
Jesse Camp	0-10	9.0-21	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	10-60	11-16	---	7.9 - 9.0	2-5	0	2.0-8.0	1-5
361:								
Loncan Variant	0-5	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	5-19	11-19	---	7.9 - 8.4	0	0	0.0-2.0	0
	19-48	12-18	---	8.5 - 9.0	0-1	0	0.0-4.0	5-12
	48-60	0.0-9.0	---	8.5 - 9.0	1-2	0	0.0-4.0	5-12
370:								
Kobeh	0-7	8.0-13	---	6.1 - 7.3	0	0	0.0	0
	7-15	3.0-10	---	6.6 - 9.0	0	0	0.0-4.0	0
	15-60	0.0-6.0	---	6.6 - 9.0	0	0	0.0-2.0	0
371:								
Kobeh	0-7	8.0-13	---	6.1 - 7.3	0	0	0.0	0
	7-15	3.0-10	---	6.6 - 9.0	0	0	0.0-4.0	0
	15-60	0.0-6.0	---	6.6 - 9.0	0	0	0.0-2.0	0
Shipley	0-9	3.0-10	---	7.9 - 8.4	1-2	0	0.0	0
	9-41	5.0-11	---	8.5 - 9.0	2-5	0	2.0-4.0	1-12
	41-60	5.0-11	---	7.9 - 8.4	2-5	0	2.0-4.0	1-5
382:								

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

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	
382:								
Toeja	0-15	10-20	---	6.6 - 7.3	0	0	0.0-2.0	0
	15-31	15-30	---	6.6 - 7.3	0	0	0.0-2.0	0
	31-56	5.0-10	---	6.6 - 9.0	1-5	0	0.0-4.0	1-12
	56-60	---	---	---	---	---	---	---
Toeja	0-15	10-20	---	6.6 - 7.3	0	0	0.0-2.0	0
	15-31	15-30	---	6.6 - 7.3	0	0	0.0-2.0	0
	31-56	5.0-10	---	6.6 - 9.0	1-5	0	0.0-4.0	1-12
	56-60	---	---	---	---	---	---	---
Puett	0-5	4.0-9.0	---	7.9 - 9.0	1-5	0	0.0-2.0	0
	5-17	3.0-8.0	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	17-21	---	---	---	---	---	---	---
392:								
Lopwash	0-10	7.0-13	---	7.9 - 9.0	0	0	2.0-4.0	1-12
	10-32	6.0-11	---	7.9 - 9.0	0-2	0	2.0-8.0	1-12
	32-60	2.0-5.0	---	7.9 - 9.0	0-2	0	2.0-8.0	1-12
400:								
Brinum	0-6	11-18	---	9.1 - 11.0	15-35	0	8.0-16.0	13-45
	6-41	11-21	---	7.9 - 9.0	25-35	0	0.0-4.0	13-30
	41-60	3.0-9.0	---	7.9 - 8.4	25-35	0	0.0	5-12
401:								
Brinum	0-20	11-18	---	8.5 - 9.0	15-35	0	16.0-32.0	13-45
	20-60	11-16	---	8.5 - 9.0	25-35	0	0.0-4.0	13-30
Humboldt	0-13	20-45	---	7.9 - 8.4	1-10	0	0.0-4.0	1-12
	13-60	20-35	---	7.9 - 8.4	1-10	0	0.0-4.0	1-12
410:								
Beanflat	0-5	6.0-14	---	8.5 - 9.0	1-5	0	16.0-32.0	13-45
	5-22	6.0-12	---	8.5 - 9.0	1-5	0	16.0-32.0	13-30
	22-60	6.0-11	---	7.9 - 9.0	1-3	0	4.0-16.0	5-12
422:								
Chen	0-9	15-20	---	6.6 - 7.8	0	0	0.0	0
	9-17	25-30	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Ramires	0-9	16-22	---	6.6 - 7.3	0	0	0.0	0
	9-26	30-44	---	6.6 - 7.8	0	0	0.0	0
	26-33	33-42	---	7.9 - 8.4	1-5	0	2.0-4.0	0
	33-37	---	---	---	---	---	---	---

423:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
423:								
Chen	0-9	15-20	---	6.6 - 7.8	0	0	0.0	0
	9-17	25-30	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Ramires	0-9	16-22	---	6.6 - 7.3	0	0	0.0	0
	9-26	30-44	---	6.6 - 7.8	0	0	0.0	0
	26-33	33-42	---	7.9 - 8.4	1-5	0	2.0-4.0	0
	33-37	---	---	---	---	---	---	---
424:								
Chen	0-9	13-21	---	6.1 - 7.8	0	0	0.0	0
	9-17	33-52	---	6.1 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Singletree	0-15	10-15	---	6.6 - 7.8	0	0	0.0	0
	15-35	15-22	---	6.6 - 7.8	0	0	0.0	0
	35-57	9.0-15	---	7.9 - 9.0	1-2	0	0.0-2.0	0
	57-61	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
425:								
Chen	0-9	15-20	---	6.6 - 7.8	0	0	0.0	0
	9-17	25-30	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Pie Creek	0-8	10-18	---	6.6 - 7.3	0	0	0.0	0
	8-15	50-60	---	6.6 - 7.3	0	0	0.0	0
	15-23	29-38	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	23-27	---	---	---	---	---	---	---
Ramires	0-9	16-22	---	6.6 - 7.3	0	0	0.0	0
	9-26	28-40	---	6.6 - 7.8	0	0	0.0	0
	26-33	9.0-15	---	7.9 - 8.4	1-5	0	2.0-4.0	0
	33-37	---	---	---	---	---	---	---
Fluvaquentic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
431:								
Ramires	0-9	20-27	---	6.6 - 7.3	0	0	0.0	0
	9-26	29-42	---	6.6 - 7.8	0	0	0.0	0
	26-33	9.0-15	---	7.9 - 8.4	0	0	2.0-4.0	0
	33-37	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
431:								
Singletree	0-15	10-15	---	6.6 - 7.8	0	0	0.0	0
	15-35	15-22	---	6.6 - 7.8	0	0	0.0	0
	35-57	9.0-15	---	7.9 - 9.0	1-2	0	0.0-2.0	0
	57-61	---	---	---	---	---	---	---
440:								
Akercan	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-49	15-20	---	7.4 - 8.4	0-1	0	0.0-2.0	1-5
	49-60	5.0-10	---	7.4 - 8.4	0	0	2.0-8.0	1-13
451:								
Foxmount	0-3	10-20	---	6.1 - 7.3	0	0	0.0	0
	3-15	10-15	---	6.1 - 7.3	0	0	0.0	0
	15-37	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	37-41	---	---	---	---	---	---	---
Haunchee	0-4	10-25	---	7.4 - 8.4	10-20	0	0.0	0
	4-12	5.0-20	---	7.9 - 9.0	30-50	0	0.0-2.0	1-13
	12-16	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
452:								
Foxmount	0-3	10-20	---	6.1 - 7.3	0	0	0.0	0
	3-15	10-15	---	6.1 - 7.3	0	0	0.0	0
	15-37	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	37-41	---	---	---	---	---	---	---
Winu	0-8	20-25	---	5.6 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
Hackwood	0-24	17-35	---	6.1 - 7.3	0	0	0.0	0
	24-45	12-30	---	6.1 - 7.3	0	0	0.0	0
	45-60	20-35	---	6.1 - 7.3	0	0	0.0	0
462:								
Haunchee	0-4	10-25	---	7.4 - 8.4	10-20	0	0.0	0
	4-12	5.0-20	---	7.9 - 9.0	30-50	0	0.0-2.0	1-13
	12-16	---	---	---	---	---	---	---
Hatur	0-10	9.0-21	---	7.9 - 8.4	15-30	0	0.0	0
	10-35	7.0-19	---	7.9 - 8.4	40-60	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
462:								
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
471:								
Labshaft	0-5	19-26	---	6.1 - 7.3	0	0	0.0	0
	5-11	17-25	---	6.1 - 7.3	0	0	0.0	0
	11-17	---	---	---	---	---	---	---
Winu	0-8	20-25	---	6.1 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
480:								
Winu	0-8	20-25	---	6.1 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
Mosquet	0-11	10-20	---	6.1 - 7.3	0	0	0.0	0
	11-18	30-40	---	6.1 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
481:								
Winu	0-8	20-25	---	6.1 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
Spinlin	0-10	10-25	---	6.6 - 7.3	0	0	0.0	0
	10-32	30-50	---	6.6 - 8.4	0-5	0	0.0-2.0	0
	32-36	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
491:								
Rock Outcrop	---	---	---	---	---	---	---	---
Labshaft	0-5	19-26	---	6.1 - 7.3	0	0	0.0	0
	5-11	17-25	---	6.1 - 7.3	0	0	0.0	0
	11-17	---	---	---	---	---	---	---
492:								
Rock Outcrop	---	---	---	---	---	---	---	---
Winu	0-8	20-25	---	6.1 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
492:								
Decram	0-10	15-24	---	6.6 - 7.8	0	0	0.0	0
	10-39	11-19	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	39-43	---	---	---	---	---	---	---
501:								
Hymas	0-3	11-20	---	7.4 - 8.4	5-15	0	0.0	0
	3-12	7.0-15	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	12-16	---	---	---	---	---	---	---
Ansping	0-13	10-15	---	7.9 - 8.4	25-35	0	0.0-2.0	0
	13-43	6.0-17	---	7.9 - 8.4	40-60	0	2.0-4.0	1-5
	43-60	---	---	---	---	---	---	---
511:								
Ansping	0-13	10-15	---	7.9 - 8.4	25-35	0	0.0-2.0	0
	13-43	6.0-17	---	7.9 - 8.4	40-60	0	2.0-4.0	1-5
	43-55	---	---	---	---	---	---	---
Hymas	0-3	11-20	---	7.4 - 8.4	5-15	0	0.0	0
	3-12	7.0-15	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	12-16	---	---	---	---	---	---	---
521:								
Soughe Variant	0-4	14-20	---	6.6 - 7.8	0	0	0.0	0
	4-19	32-46	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	19-33	---	---	---	---	---	---	---
	33-37	---	---	---	---	---	---	---
Pie Creek	0-8	10-18	---	6.6 - 7.3	0	0	0.0	0
	8-15	50-60	---	6.6 - 7.3	0	0	0.0	0
	15-23	29-38	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	23-27	---	---	---	---	---	---	---
Singletree	0-15	10-15	---	6.6 - 7.8	0	0	0.0	0
	15-35	15-22	---	6.6 - 7.8	0	0	0.0	0
	35-57	9.0-15	---	7.9 - 9.0	1-2	0	0.0-2.0	0
	57-61	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-11	25-35	---	6.1 - 7.3	0	0	0.0	0
525:								
Soughe	0-7	10-20	---	6.6 - 8.4	0	0	0.0	0-5
	7-12	15-30	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	12-16	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

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	
525:								
Fortank	0-10	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	10-35	28-37	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
Kodra Variant	0-6	6.0-12	---	7.9 - 9.0	2-5	0	0.0-2.0	0
	6-18	6.0-12	---	7.9 - 9.0	2-5	0	0.0-2.0	0
	18-19	---	---	---	---	---	---	---
	19-23	---	---	---	---	---	---	---
531:								
Granzan Variant	0-14	7.0-15	---	7.9 - 8.4	15-30	0	0.0	0
	14-36	5.0-10	---	7.9 - 8.4	40-50	0	0.0-2.0	0
	36-50	---	---	---	---	---	---	---
	50-54	---	---	---	---	---	---	---
Granzan	0-14	15-22	---	7.4 - 8.4	1-10	0	0.0	0
	14-49	11-20	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	49-53	---	---	---	---	---	---	---
Highams Variant	0-7	10-18	---	7.9 - 8.4	15-30	0	0.0-2.0	0-5
	7-15	8.0-15	---	7.9 - 9.0	20-40	0	0.0-2.0	0-5
	15-43	---	---	---	---	---	---	---
	43-47	---	---	---	---	---	---	---
550:								
Decram	0-10	15-24	---	6.6 - 7.8	0	0	0.0	0
	10-39	11-19	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	39-43	---	---	---	---	---	---	---
Decram Variant	0-14	11-20	---	6.6 - 7.3	0	0	0.0	0
	14-26	12-23	---	6.6 - 7.8	0	0	0.0	0
	26-30	---	---	---	---	---	---	---
Duff	0-7	17-25	---	6.1 - 7.3	0	0	0.0	0
	7-57	13-22	---	6.1 - 7.8	0	0	0.0	0
	57-61	---	---	---	---	---	---	---
551:								
Decram	0-10	15-24	---	6.6 - 7.8	0	0	0.0	0
	10-39	11-19	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	39-43	---	---	---	---	---	---	---
Hapgood	0-12	15-25	---	6.1 - 7.3	0	0	0.0	0
	12-45	15-20	---	6.1 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
552:								
Decram	0-10	15-24	---	6.6 - 7.8	0	0	0.0	0
	10-39	11-19	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	39-43	---	---	---	---	---	---	---
Hapgood	0-12	15-25	---	6.1 - 7.3	0	0	0.0	0
	12-45	15-20	---	6.1 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Loncan	0-10	15-20	---	6.6 - 7.3	0	0	0.0	0
	10-35	10-15	---	6.6 - 7.3	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
553:								
Decram	0-10	15-24	---	6.6 - 7.8	0	0	0.0	0
	10-39	11-19	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	39-43	---	---	---	---	---	---	---
Winu	0-8	20-25	---	6.1 - 7.3	0	0	0.0	0
	8-32	15-25	---	6.1 - 7.3	0	0	0.0	0
	32-36	---	---	---	---	---	---	---
Chad	0-17	10-18	---	6.6 - 7.8	0	0	0.0	0
	17-42	28-38	---	7.4 - 7.8	0	0	0.0	0
	42-50	---	---	---	---	---	---	---
Cumulic Cryaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
561:								
Cherry Spring	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-20	15-25	---	7.4 - 9.0	1-5	0	0.0	5-12
	20-26	---	---	---	---	---	---	---
	26-63	5.0-10	---	8.5 - 9.0	1-5	0	0.0-2.0	5-12
Tomera	0-10	8.0-16	---	7.9 - 8.4	0	0	2.0-4.0	0
	10-32	32-50	---	7.9 - 9.0	0-2	0	2.0-8.0	1-30
	32-60	0.0-7.0	---	8.5 - 9.0	3-5	0	4.0-32.0	1-12
565:								
Cherry Spring Variant	0-4	8.0-13	---	7.9 - 8.4	0	0	0.0-2.0	0
	4-18	12-20	---	7.9 - 9.0	0-5	0	0.0-2.0	1-12
	18-28	---	---	---	---	---	---	---
	28-45	---	---	---	---	---	---	---
Tomera	0-10	8.0-16	---	7.9 - 8.4	0	0	2.0-4.0	0
	10-32	32-50	---	7.9 - 9.0	0-2	0	2.0-8.0	1-30
	32-60	0.0-7.0	---	8.5 - 9.0	3-5	0	4.0-32.0	1-12

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

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	
565:								
Bregar	0-6	15-25	---	6.1 - 7.8	0	0	0.0	0
	6-11	20-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
581:								
Tomera	0-10	8.0-16	---	7.9 - 8.4	0	0	2.0-4.0	0
	10-32	32-50	---	7.9 - 9.0	0-2	0	2.0-8.0	1-30
	32-60	0.0-7.0	---	8.5 - 9.0	3-5	0	4.0-32.0	1-12
590:								
Hayeston	0-4	3.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	1-5
	4-27	3.0-11	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	27-60	3.0-6.0	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
600:								
Rubyhill	0-3	7.0-13	---	6.6 - 8.4	0	0	0.0-2.0	0
	3-21	12-20	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	21-60	---	---	---	---	---	---	---
601:								
Rubyhill	0-3	7.0-13	---	6.6 - 8.4	0	0	0.0-2.0	0
	3-21	12-20	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	21-60	---	---	---	---	---	---	---
Barrier	0-5	7.0-15	---	7.9 - 9.0	1-10	0	0.0-4.0	1-5
	5-15	5.0-13	---	7.9 - 9.0	5-10	0	2.0-8.0	1-12
	15-45	---	---	---	---	---	---	---
610:								
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
620:								
Silverado	0-6	7.0-11	---	6.1 - 7.8	0	0	0.0	0
	6-14	6.0-10	---	6.1 - 7.8	0	0	0.0	0
	14-35	3.0-9.0	---	6.6 - 8.4	0	0	0.0-2.0	0
	35-60	0.0-3.0	---	7.9 - 9.0	1-2	0	0.0-2.0	0
621:								
Silverado	0-6	7.0-11	---	6.1 - 7.8	0	0	0.0	0
	6-14	6.0-10	---	6.1 - 7.8	0	0	0.0	0
	14-35	3.0-9.0	---	6.6 - 8.4	0	0	0.0-2.0	0
	35-60	0.0-3.0	---	7.9 - 9.0	1-2	0	0.0-2.0	0
630:								
Jesse Camp	0-10	15-30	---	7.9 - 8.4	0-2	0	0.0-2.0	0-12
	10-60	15-25	---	7.9 - 9.0	5-15	0-1	2.0-8.0	1-12

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
630:								
641:								
Valcrest	0-10	14-20	---	7.9 - 8.4	1-2	0	0.0-2.0	5-12
	10-29	28-41	---	8.5 - 9.0	3-5	0	2.0-4.0	13-45
	29-60	7.0-12	---	9.1 - 11.0	3-5	0	2.0-16.0	13-45
Tomera	0-9	11-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	9-31	32-50	---	8.5 - 9.0	0-2	0	2.0-8.0	1-30
	31-45	7.0-11	---	8.5 - 9.0	3-5	0	4.0-8.0	1-12
	45-60	---	---	---	---	---	---	---
651:								
Barrier	0-5	7.0-15	---	7.9 - 9.0	1-10	0	0.0-4.0	1-5
	5-15	5.0-13	---	7.9 - 9.0	5-10	0	2.0-8.0	1-12
	15-45	---	---	---	---	---	---	---
Kobeh	0-7	3.0-10	---	6.1 - 7.3	0	0	0.0	0
	7-24	3.0-10	---	6.6 - 9.0	0	0	0.0-4.0	0
	24-60	0.0-3.0	---	6.6 - 9.0	0-2	0	0.0-2.0	0
	60-70	0.0-6.0	---	6.6 - 9.0	0	0	0.0-2.0	0
661:								
Akerue	0-6	10-20	---	6.6 - 7.8	0	0	0.0	0
	6-18	30-40	---	6.6 - 7.8	0	0	0.0	0
	18-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Simpark	0-5	8.0-16	---	6.6 - 7.8	0	0	0.0	0
	5-19	11-18	---	7.4 - 8.4	0	0	0.0-2.0	0
	19-20	---	---	---	---	---	---	---
	20-24	---	---	---	---	---	---	---
Robson	0-10	11-22	---	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	---	---	---	---	---	---	---
671:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-26	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	26-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45
672:								
Whirlo	0-12	5.0-10	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	12-26	5.0-10	---	7.9 - 9.0	0	0	2.0-8.0	13-30
	26-60	0.0-10	---	7.9 - 9.0	1-5	0	4.0-16.0	13-45

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
672:								
Creemon	0-5	5.0-10	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	5-11	7.0-15	---	7.9 - 9.0	5-10	0	4.0-32.0	13-30
	11-60	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
681:								
Chad	0-17	10-18	---	6.6 - 7.8	0	0	0.0	0
	17-42	28-38	---	7.4 - 7.8	0	0	0.0	0
	42-50	---	---	---	---	---	---	---
Cleavage	0-7	11-21	---	6.6 - 7.8	0	0	0.0	0
	7-14	14-25	---	6.6 - 7.8	0	0	0.0	0
	14-18	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-38	20-35	---	6.1 - 7.3	0	0	0.0	0
	38-60	15-25	---	6.1 - 7.3	0	0	0.0	0
682:								
Chad	0-17	10-18	---	6.6 - 7.8	0	0	0.0	0
	17-42	28-38	---	7.4 - 7.8	0	0	0.0	0
	42-50	---	---	---	---	---	---	---
Gando	0-5	10-19	---	7.4 - 8.4	0	0	0.0	0
	5-15	7.0-12	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	15-19	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-38	20-35	---	6.1 - 7.3	0	0	0.0	0
	38-60	15-25	---	6.1 - 7.3	0	0	0.0	0
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
691:								
Ravenswood	0-8	15-30	---	6.6 - 7.8	0	0	0.0	0
	8-13	20-35	---	6.6 - 7.8	0	0	0.0	0
	13-35	20-40	---	6.6 - 7.8	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Shagnasty	0-12	9.0-19	---	6.1 - 7.8	0	0	0.0	0
	12-36	28-42	---	6.1 - 7.8	0	0	0.0	0
	36-59	18-32	---	6.1 - 7.8	0	0	0.0	0
	59-63	---	---	---	---	---	---	---
Walti	0-5	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	5-9	18-25	---	6.6 - 7.8	0	0	0.0	0
	9-22	31-40	---	6.6 - 7.8	0	0	0.0	0
	22-26	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
691:								
701:								
Loncan	0-10	15-20	---	6.6 - 7.3	0	0	0.0	0
	10-35	10-15	---	6.6 - 7.3	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Gando	0-5	10-19	---	7.4 - 8.4	0	0	0.0	0
	5-15	7.0-12	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	15-19	---	---	---	---	---	---	---
Glean	0-14	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	14-56	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	56-60	---	---	---	---	---	---	---
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
711:								
Singletree Variant	0-6	10-20	---	7.4 - 8.4	0	0	0.0-2.0	0
	6-26	11-23	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	26-60	9.0-15	---	7.9 - 9.0	3-5	0	0.0-4.0	1-5
Boulder Lake	0-6	35-65	---	6.1 - 7.8	0	0	0.0	0
	6-60	30-60	---	6.6 - 8.4	0	0	0.0-2.0	0
Boulder Lake	0-6	34-52	---	6.1 - 7.3	0	0	0.0	0
	6-60	33-50	---	6.6 - 8.4	0-1	0	0.0-2.0	0
721:								
Paranat	0-3	20-35	---	8.5 - 9.0	1-5	0	0.0-4.0	1-12
	3-60	15-40	---	8.5 - 9.0	1-10	0	0.0-4.0	0-12
731:								
Ados Variant	0-5	5.0-15	---	7.9 - 8.4	1-5	0	0.0-2.0	1-5
	5-23	5.0-10	---	7.9 - 8.4	30-40	0	0.0-2.0	1-5
	23-37	---	---	---	---	---	---	---
	37-60	5.0-10	---	7.9 - 8.4	30-50	0	0.0-2.0	1-5
Pie Creek Variant	0-3	10-20	---	7.9 - 8.4	15-30	0	0.0	0
	3-10	11-20	---	7.9 - 8.4	25-40	0	0.0	0
	10-25	11-18	---	8.5 - 9.0	30-45	0	0.0-2.0	0-5
	25-32	---	---	---	---	---	---	---
Jesse Camp	0-10	15-30	---	7.9 - 8.4	0-2	0	0.0-2.0	0-12
	10-60	15-25	---	7.9 - 9.0	5-15	0-1	2.0-8.0	1-12

741:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
741:								
Creemon	0-5	5.0-10	---	7.9 - 9.0	0-5	0	2.0-4.0	13-30
	5-11	7.0-15	---	7.9 - 9.0	5-10	0	4.0-32.0	13-30
	11-60	7.0-15	---	7.9 - 9.0	5-10	0	8.0-32.0	31-90
Relley	0-4	11-16	---	7.9 - 9.0	0-1	0	0.0-2.0	5-12
	4-14	11-16	---	7.9 - 9.0	0	0	0.0-2.0	5-12
	14-51	11-16	---	8.5 - 9.0	1-5	0	4.0-8.0	31-45
	51-60	3.0-9.0	---	9.1 - 11.0	3-5	0	4.0-8.0	31-90
762:								
Shagnasty	0-12	9.0-19	---	6.1 - 7.8	0	0	0.0	0
	12-36	28-42	---	6.1 - 7.8	0	0	0.0	0
	36-59	18-32	---	6.1 - 7.8	0	0	0.0	0
	59-63	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-38	20-35	---	6.1 - 7.3	0	0	0.0	0
	38-60	15-25	---	6.1 - 7.3	0	0	0.0	0
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
764:								
Shagnasty	0-12	9.0-19	---	6.1 - 7.8	0	0	0.0	0
	12-36	28-42	---	6.1 - 7.8	0	0	0.0	0
	36-59	18-32	---	6.1 - 7.8	0	0	0.0	0
	59-63	---	---	---	---	---	---	---
Ravenswood	0-8	15-30	---	6.6 - 7.8	0	0	0.0	0
	8-35	20-35	---	6.6 - 7.8	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
770:								
Welch	0-13	15-25	---	6.1 - 7.3	0	0	0.0	0
	13-60	25-35	---	6.1 - 7.8	0	0	0.0	0
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
771:								
Welch	0-13	15-25	---	6.1 - 7.3	0	0	0.0	0
	13-60	25-35	---	6.1 - 7.8	0	0	0.0	0
772:								
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
772:								
781:								
Walti	0-5	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	5-9	18-25	---	6.6 - 7.8	0	0	0.0	0
	9-22	31-40	---	6.6 - 7.8	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-38	20-35	---	6.1 - 7.3	0	0	0.0	0
	38-60	15-25	---	6.1 - 7.3	0	0	0.0	0
Chad	0-17	10-18	---	6.6 - 7.8	0	0	0.0	0
	17-42	28-38	---	7.4 - 7.8	0	0	0.0	0
	42-50	---	---	---	---	---	---	---
782:								
Walti	0-5	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	5-9	18-25	---	6.6 - 7.8	0	0	0.0	0
	9-22	31-40	---	6.6 - 7.8	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-38	20-35	---	6.1 - 7.3	0	0	0.0	0
	38-60	15-25	---	6.1 - 7.3	0	0	0.0	0
Robson	0-10	11-22	---	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	---	---	---	---	---	---	---
783:								
Walti	0-5	8.0-18	---	6.6 - 7.8	0	0	0.0	0
	5-9	18-25	---	6.6 - 7.8	0	0	0.0	0
	9-22	31-40	---	6.6 - 7.8	0	0	0.0	0
	22-26	---	---	---	---	---	---	---
Glean	0-14	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	14-56	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	56-60	---	---	---	---	---	---	---
801:								
Freznik	0-3	18-27	---	6.6 - 7.8	0	0	0.0	0
	3-21	40-49	---	6.6 - 7.8	0	0	0.0	0
	21-36	40-48	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	36-40	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
801:								
Quarz	0-5	20-30	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-50	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
802:								
Freznik	0-3	18-27	---	6.6 - 7.8	0	0	0.0	0
	3-21	40-49	---	6.6 - 7.8	0	0	0.0	0
	21-36	40-48	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	36-40	---	---	---	---	---	---	---
Whitepeak	0-3	10-25	---	6.6 - 7.8	0	0	0.0	0
	3-23	30-60	---	6.6 - 7.8	0	0	0.0	0
	23-27	---	---	---	---	---	---	---
Whitepeak	0-3	10-25	---	6.6 - 7.8	0	0	0.0	0
	3-23	30-60	---	6.6 - 7.8	0	0	0.0	0
	23-27	---	---	---	---	---	---	---
811:								
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Highams	0-5	11-20	---	7.9 - 8.4	30-60	0	0.0-2.0	0-5
	5-13	10-20	---	7.9 - 8.4	40-70	0	0.0-2.0	0-5
	13-17	---	---	---	---	---	---	---
Atrypa Variant	0-16	15-24	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	16-21	11-17	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	21-25	---	---	---	---	---	---	---
812:								
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Bregar	0-6	10-25	---	6.1 - 7.8	0	0	0.0	0
	6-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Duff	0-7	17-25	---	6.1 - 7.3	0	0	0.0	0
	7-57	13-22	---	6.1 - 7.8	0	0	0.0	0
	57-61	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
813:								
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Chen	0-9	15-20	---	6.6 - 7.8	0	0	0.0	0
	9-17	25-30	---	6.6 - 7.8	0	0	0.0	0
	17-21	---	---	---	---	---	---	---
Duff	0-7	17-25	---	6.1 - 7.3	0	0	0.0	0
	7-57	13-22	---	6.1 - 7.8	0	0	0.0	0
	57-61	---	---	---	---	---	---	---
814:								
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Duff	0-7	17-25	---	6.1 - 7.3	0	0	0.0	0
	7-57	13-22	---	6.1 - 7.8	0	0	0.0	0
	57-61	---	---	---	---	---	---	---
821:								
Enko	0-6	10-30	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	6-20	10-25	---	7.4 - 9.0	0-5	0	0.0-8.0	5-12
	20-36	10-25	---	7.4 - 9.0	0-15	0	4.0-16.0	5-12
	36-63	10-25	---	7.9 - 9.6	0-5	0	4.0-16.0	13-30
822:								
Enko	0-6	10-30	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	6-20	10-25	---	7.4 - 9.0	0-5	0	0.0-8.0	5-12
	20-36	10-25	---	7.4 - 9.0	0-15	0	4.0-16.0	5-12
	36-63	10-25	---	7.9 - 9.6	0-5	0	4.0-16.0	13-30
Davey	0-6	6.0-14	---	6.6 - 7.8	0	0	0.0	0
	6-18	4.0-14	---	6.6 - 8.4	0	0	2.0-8.0	1-12
	18-60	1.0-6.0	---	7.9 - 9.0	0-2	0	2.0-8.0	13-20
Mccommel	0-13	8.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	13-60	1.0-5.0	---	7.9 - 9.0	0-3	0	2.0-32.0	1-12

823:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
823:								
Enko	0-6	10-30	---	6.6 - 8.4	0	0	0.0-4.0	0-5
	6-20	10-25	---	7.4 - 9.0	0-5	0	0.0-8.0	5-12
	20-36	10-25	---	7.4 - 9.0	0-15	0	4.0-16.0	5-12
	36-63	10-25	---	7.9 - 9.6	0-5	0	4.0-16.0	13-30
Puett	0-5	4.0-9.0	---	7.9 - 9.0	1-5	0	0.0-2.0	0
	5-17	3.0-8.0	---	7.9 - 9.0	1-5	0-1	0.0-2.0	0-5
	17-21	---	---	---	---	---	---	---
830:								
Atrypa	0-10	13-18	---	6.6 - 8.4	0	0	0.0	0
	10-14	11-16	---	7.4 - 9.0	1-3	0	0.0-2.0	1-5
	14-18	---	---	---	---	---	---	---
831:								
Atrypa	0-10	13-18	---	6.6 - 8.4	0	0	0.0	0
	10-14	11-16	---	7.4 - 9.0	1-3	0	0.0-2.0	1-5
	14-18	---	---	---	---	---	---	---
Mau	0-4	8.0-25	---	6.1 - 7.3	0	0	0.0	0
	4-24	21-38	---	6.1 - 7.3	0	0	0.0	0
	24-34	18-36	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	34-38	---	---	---	---	---	---	---
841:								
Kodra	0-5	5.0-15	---	7.9 - 8.4	0	0	0.0	0
	5-28	5.0-10	---	7.9 - 9.0	1-15	0	0.0-4.0	1-12
	28-48	---	---	---	---	---	---	---
	48-60	5.0-10	---	7.9 - 9.0	5-15	0	0.0-2.0	1-5
851:								
Glean	0-14	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	14-56	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	56-60	---	---	---	---	---	---	---
Gando	0-5	10-19	---	7.4 - 8.4	0	0	0.0	0
	5-15	7.0-12	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	15-19	---	---	---	---	---	---	---
Welch	0-13	25-35	---	6.1 - 7.3	0	0	0.0	0
	13-60	20-40	---	6.1 - 7.8	0	0	0.0	0
861:								
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

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
861:								
870:								
Fortank	0-10	9.0-16	---	7.4 - 8.4	0	0	0.0-2.0	0
	10-35	28-37	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
871:								
Fortank	0-10	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	10-35	28-37	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
Fortank	0-10	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	10-35	28-37	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
881:								
Batan	0-4	6.0-12	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
	4-60	12-24	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
Ocala	0-14	15-20	---	8.5 - 9.6	10-20	0	8.0-16.0	40-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	4.0-16.0	25-50
Ocala	0-3	15-20	---	8.5 - 9.6	10-20	0	8.0-16.0	40-60
	3-14	10-20	---	8.5 - 9.6	10-20	0	4.0-16.0	25-60
	14-60	10-20	---	8.5 - 9.0	15-25	1-5	8.0-16.0	25-50
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
883:								
Batan	0-4	6.0-12	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
	4-60	12-24	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
891:								
Whitepeak	0-3	10-25	---	6.6 - 7.8	0	0	0.0	0
	3-23	30-60	---	6.6 - 7.8	0	0	0.0	0
	23-27	---	---	---	---	---	---	---
Quarz	0-5	20-30	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-50	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Softscrabble	0-8	9.0-20	---	6.1 - 7.8	0	0	0.0	0
	8-14	9.0-20	---	6.1 - 7.8	0	0	0.0	0
	14-60	11-20	---	6.1 - 7.8	0	0	0.0	0

901:

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
901:								
Tenabo	0-5	5.0-10	---	7.9 - 8.4	0	0	2.0-4.0	0-5
	5-17	20-30	---	7.9 - 9.0	0-5	0	2.0-4.0	15-30
	17-31	---	---	---	---	---	---	---
	31-50	1.0-8.0	---	8.5 - 9.0	1-2	0	4.0-32.0	1-12
Ricert	0-5	8.0-20	---	7.9 - 8.4	1-3	0	0.0-2.0	5-12
	5-14	15-29	---	8.5 - 9.0	1-5	0	2.0-8.0	13-30
	14-20	14-27	---	8.5 - 9.0	2-10	0	2.0-8.0	13-45
	20-60	3.0-11	---	8.5 - 9.0	5-10	0	2.0-8.0	13-45
922:								
Handy	0-9	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	9-21	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	21-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
923:								
Handy	0-9	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	9-21	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	21-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
Rubyhill	0-3	7.0-13	---	6.6 - 8.4	0	0	0.0-2.0	0
	3-21	12-20	---	7.4 - 8.4	0-1	0	0.0-2.0	0
	21-60	---	---	---	---	---	---	---
941:								
Short Creek	0-4	20-25	---	6.6 - 7.3	0	0	0.0	0
	4-38	25-30	---	6.6 - 8.4	0	0	0.0	0
	38-60	20-25	---	7.9 - 9.0	1-5	0	0.0	0
Short Creek	0-4	20-25	---	6.6 - 7.3	0	0	0.0	0
	4-38	25-30	---	6.6 - 8.4	0	0	0.0	0
	38-60	20-25	---	7.9 - 9.0	1-5	0	0.0	0
951:								
Donna	0-10	15-25	---	6.1 - 7.3	0	0	0.0	0
	10-29	45-55	---	6.6 - 7.3	0	0	0.0	0
	29-35	---	---	---	---	---	---	---
Stampede	0-11	15-25	---	6.1 - 7.3	0	0	0.0	0
	11-26	25-35	---	6.6 - 7.8	0	0	0.0	0
	26-32	---	---	---	---	---	---	---
961:								
Weigle	0-4	7.0-15	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
	4-7	5.0-13	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
	7-10	---	---	---	---	---	---	---
	10-18	5.0-11	---	8.5 - 9.0	10-20	0	2.0-8.0	5-12
	18-22	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
961:								
Pedoli Variant	0-3	8.0-13	---	7.9 - 8.4	0	0	0.0-2.0	0
	3-11	11-17	---	7.9 - 9.0	0-1	0	0.0-2.0	0
	11-21	6.0-12	---	8.5 - 9.0	3-5	0	0.0-2.0	1-12
	21-26	6.0-11	---	8.5 - 9.0	1-3	0	0.0-2.0	1-12
	26-30	---	---	---	---	---	---	---
962:								
Weigle	0-4	7.0-15	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
	4-7	5.0-13	---	8.5 - 9.0	1-5	0	0.0-4.0	5-12
	7-10	---	---	---	---	---	---	---
	10-18	5.0-11	---	8.5 - 9.0	10-20	0	2.0-8.0	5-12
	18-22	---	---	---	---	---	---	---
971:								
Bregar	0-6	10-25	---	6.1 - 7.8	0	0	0.0	0
	6-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Fortank	0-10	9.0-16	---	7.9 - 8.4	0	0	0.0-2.0	0
	10-35	28-37	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	35-39	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
972:								
Bregar	0-6	10-25	---	6.1 - 7.8	0	0	0.0	0
	6-11	15-30	---	6.1 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Duff	0-7	17-25	---	6.1 - 7.3	0	0	0.0	0
	7-57	13-22	---	6.1 - 7.8	0	0	0.0	0
	57-61	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
975:								
Bregar Variant	0-5	14-20	---	7.9 - 8.4	1-2	0	0.0-2.0	0
	5-19	15-22	---	7.9 - 9.0	1-5	0	2.0-4.0	1-5
	19-23	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
975:								
Hymas	0-3	11-20	---	7.4 - 8.4	5-15	0	0.0	0
	3-12	7.0-15	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	12-16	---	---	---	---	---	---	---
Quarz	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-30	30-55	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
981:								
Ebic	0-9	20-30	---	6.6 - 7.3	0	0	0.0	0
	9-23	30-35	---	6.6 - 7.8	0	0	0.0	0
	23-27	---	---	---	---	---	---	---
Ziram	0-7	19-36	---	7.4 - 7.8	0	0	0.0	0
	7-23	36-48	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	23-42	36-44	---	7.9 - 8.4	0-2	0	0.0-2.0	0
	42-46	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
982:								
Ebic	0-9	20-30	---	6.6 - 7.3	0	0	0.0	0
	9-23	30-35	---	6.6 - 7.8	0	0	0.0	0
	23-27	---	---	---	---	---	---	---
Ziram	0-7	19-36	---	7.4 - 7.8	0	0	0.0	0
	7-23	36-48	---	7.4 - 8.4	0-2	0	0.0-2.0	0
	23-42	36-44	---	7.9 - 8.4	0-2	0	0.0-2.0	0
	42-46	---	---	---	---	---	---	---
Jivas	0-12	13-21	---	6.6 - 7.3	0	0	0.0	0
	12-45	12-19	---	6.6 - 7.3	0	0	0.0	0
	45-49	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
991:								
Fertaline	0-8	8.0-18	---	6.1 - 7.8	0	0	0.0	0
	8-22	32-49	---	6.6 - 9.0	0-2	0	0.0-2.0	0
	22-28	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
991:								
Handy	0-9	8.0-19	---	6.6 - 7.8	0	0	0.0	0
	9-21	33-42	---	6.6 - 8.4	0-10	0	0.0	0
	21-60	3.0-10	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
1001:								
Solak	0-10	6.0-13	---	7.9 - 9.0	3-15	0	0.0-2.0	0
	10-14	---	---	---	---	---	---	---
Highams	0-5	11-20	---	7.9 - 8.4	30-60	0	0.0-2.0	0-5
	5-13	10-20	---	7.9 - 8.4	40-70	0	0.0-2.0	0-5
	13-17	---	---	---	---	---	---	---
Hymas	0-3	11-20	---	7.4 - 8.4	5-15	0	0.0	0
	3-12	7.0-15	---	7.4 - 8.4	40-50	0	0.0-2.0	0
	12-16	---	---	---	---	---	---	---
Cumulic Haplaquolls	0-12	25-35	---	6.1 - 7.3	0	0	0.0	0
1010:								
Bubus	0-4	10-25	---	7.9 - 9.0	1-10	0	4.0-8.0	13-30
	4-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
1011:								
Bubus	0-9	6.0-9.0	---	7.9 - 9.0	1-10	0	0.0-4.0	13-30
	9-29	6.0-9.0	---	7.9 - 9.0	1-10	0	4.0-8.0	13-45
	29-49	6.0-9.0	---	7.9 - 9.0	1-10	0-5	8.0-32.0	13-90
	49-60	0.0-3.0	---	7.9 - 9.0	1-10	0-1	4.0-16.0	13-90
1012:								
Bubus	0-4	10-25	---	7.9 - 9.0	1-10	0	4.0-8.0	13-30
	4-60	5.0-25	---	7.9 - 9.6	2-10	0-1	8.0-32.0	13-99
Bubus	0-20	6.0-9.0	---	7.9 - 9.0	1-10	0	0.0-4.0	5-12
	20-60	6.0-9.0	---	7.9 - 9.0	1-10	0-1	4.0-16.0	13-90
Dianev	0-5	9.0-16	---	8.5 - 9.0	1-10	0	4.0-8.0	13-45
	5-57	12-21	---	7.9 - 9.0	1-10	0	4.0-8.0	13-45
	57-60	11-18	---	7.9 - 9.0	1-10	0	4.0-8.0	5-12
1022:								
Nevador	0-5	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	5-22	15-23	---	6.6 - 8.4	0	0	2.0-4.0	0
	22-60	3.0-9.0	---	7.4 - 9.0	1-2	0	2.0-8.0	0
Ricert	0-5	7.0-12	---	7.9 - 8.4	0	0	0.0-2.0	1-12
	5-14	15-21	---	8.5 - 9.0	0	0	2.0-8.0	13-45
	14-20	13-20	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-45
	20-60	4.0-9.0	---	8.5 - 9.0	1-2	0-1	2.0-8.0	13-30

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1022:								
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1060:								
Allker	0-7	5.0-10	---	6.6 - 8.4	0	0	0.0	0
	7-26	15-20	---	7.4 - 8.4	5-10	0	0.0-2.0	0-5
	26-37	7.0-15	---	7.9 - 9.0	5-15	0	2.0-4.0	1-12
	37-60	4.0-7.0	---	7.9 - 9.0	5-15	0	2.0-4.0	1-12
1201:								
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1202:								
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1203:								
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
Bubus	0-9	6.0-9.0	---	7.9 - 9.0	1-10	0	0.0-4.0	13-30
	9-29	6.0-9.0	---	7.9 - 9.0	1-10	0	4.0-8.0	13-45
	29-49	6.0-9.0	---	7.9 - 9.0	1-10	0-5	8.0-32.0	13-90
	49-60	0.0-3.0	---	7.9 - 9.0	1-10	0-1	4.0-16.0	13-90
Mccommel	0-13	8.0-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	13-60	1.0-5.0	---	7.9 - 9.0	0-3	0	2.0-32.0	1-12
1232:								
Perwick	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0	0
	5-18	0.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	1-5
	18-36	5.0-10	---	7.9 - 9.6	5-10	0	0.0-4.0	1-5
	36-40	---	---	---	---	---	---	---
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1233:								
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	0-5	10-20	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	5-17	5.0-10	---	7.9 - 9.0	1-5	0	0.0-2.0	5-12
	17-21	---	---	---	---	---	---	---

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1233:								
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
1281:								
Wendane	0-12	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	46-99
	12-19	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	19-60	25-40	---	7.9 - 9.6	5-15	0	16.0-32.0	1-5
1282:								
Wendane	0-12	15-25	---	8.5 - 9.6	5-15	0	16.0-50.0	46-99
	12-19	15-25	---	7.9 - 9.6	5-15	0	16.0-32.0	1-12
	19-60	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
1291:								
Perwick Variant	0-9	6.0-14	---	7.4 - 8.4	5-10	0	0.0-2.0	0
	9-60	3.0-11	---	7.9 - 9.0	5-10	0	2.0-16.0	1-12
Perwick Variant	0-9	6.0-14	---	7.4 - 8.4	5-10	0	0.0-2.0	0
	9-60	3.0-11	---	7.9 - 9.0	5-10	0	2.0-16.0	1-12
1352:								
Cortez	0-11	5.0-10	---	6.6 - 8.4	0	0	0.0-2.0	1-5
	11-24	25-30	---	7.4 - 9.0	1-5	0	0.0-2.0	13-45
	24-40	---	---	---	---	---	---	---
Tenvorrd	0-9	10-25	---	7.4 - 8.4	0	0	0.0-2.0	0
	9-19	10-25	---	7.9 - 9.0	5-10	0	0.0-2.0	1-12
	19-40	---	---	---	---	---	---	---
1411:								
Pineval	0-3	8.0-16	---	7.4 - 8.4	0	0	0.0	0
	3-11	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
Tulase	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0-2.0	0
	5-70	5.0-15	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
Perwick	0-5	10-15	---	7.9 - 8.4	5-10	0	0.0	0
	5-18	0.0-10	---	7.9 - 9.0	5-10	0	0.0-4.0	1-5
	18-36	5.0-10	---	7.9 - 9.6	5-10	0	0.0-4.0	1-5
	36-40	---	---	---	---	---	---	---
1500:								

**Table J2. - Chemical Properties of the Soils - Continued**

Eureka County Area, Nevada

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbonate	Gypsum	Salinity	Sodium Adsorption Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1500:								
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
1510:								
Water	---	---	---	---	---	---	---	---