

## Table J2. - Chemical Properties of the Soils

Washoe County, Nevada, Central 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	
120:								
Home Camp	0-6	10-20	---	6.1 - 7.3	0	0	0.0	0
	6-15	17-25	---	6.1 - 7.3	0	0	0.0	0
	15-26	25-32	---	6.1 - 7.3	0	0	0.0	0
	26-30	---	---	---	---	---	---	---
Newlands	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-41	10-25	---	6.1 - 7.3	0	0	0.0	0
	41-45	---	---	---	---	---	---	---
131:								
Devada	0-2	20-30	---	6.1 - 7.8	0	0	0.0	0
	2-12	32-48	---	6.1 - 7.8	0	0	0.0	0
	12-16	---	---	---	---	---	---	---
Hart Camp	0-3	10-25	---	6.1 - 7.3	0	0	0.0	0
	3-13	15-25	---	6.1 - 7.3	0	0	0.0	0
	13-17	---	---	---	---	---	---	---
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
133:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-24	50-60	---	7.4 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
	34-38	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
134:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Dosie	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-41	20-45	---	6.6 - 7.3	0	0	0.0	0
	41-51	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
134:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
135:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Hart Camp	0-3	10-25	---	6.1 - 7.3	0	0	0.0	0
	3-13	15-25	---	6.1 - 7.3	0	0	0.0	0
	13-17	---	---	---	---	---	---	---
136:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
137:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
138:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
138:								
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
150:								
Skedaddle	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-9	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---	---
151:								
Skedaddle	0-5	15-25	---	6.6 - 7.8	0	0	0.0	0
	5-9	---	---	---	---	---	---	---
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
160:								
Dun Glen	0-4	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	4-11	15-25	---	7.4 - 8.4	0	0	2.0-4.0	1-12
	11-60	5.0-15	---	7.9 - 9.6	1-10	0-1	2.0-4.0	13-45
Davey	0-4	4.0-12	---	7.4 - 7.8	0	0	0.0-2.0	0-5
	4-17	6.0-15	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	17-42	3.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	1-12
	42-60	8.0-18	---	7.9 - 9.0	0-5	0	2.0-4.0	1-12
Hawsley	0-8	3.0-10	---	6.6 - 8.4	0	0	0.0	0
	8-42	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	42-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
170:								
Zorravista	0-3	0.0-5.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	3-60	0.0-3.0	---	7.4 - 9.0	0-5	0	0.0-4.0	0
Davey	0-4	4.0-12	---	7.4 - 7.8	0	0	0.0-2.0	0-5
	4-17	6.0-15	---	7.4 - 8.4	0	0	0.0-2.0	0-5
	17-42	3.0-10	---	7.9 - 9.0	0-1	0	0.0-2.0	1-12
	42-60	8.0-18	---	7.9 - 9.0	0-5	0	2.0-4.0	1-12

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

Washoe County, Nevada, Central Part

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	
171:								
Zorravista	0-4	0.0-5.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	4-60	0.0-3.0	---	7.4 - 9.0	0-5	0	0.0-4.0	0
172:								
Zorravista	0-4	0.0-5.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	4-60	0.0-3.0	---	7.4 - 9.0	0-5	0	0.0-4.0	0
Swingler	0-6	3.0-13	---	7.4 - 8.4	1-5	0	2.0-4.0	1-12
	6-60	12-16	---	8.5 - 9.6	5-10	0-1	4.0-16.0	13-45
181:								
Tunnison	0-1	---	---	7.4 - 7.8	0	0	0.0	0
	1-31	---	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
182:								
Rubble Land	0-60	---	---	---	0	0	0.0	0
Tunnison	0-1	---	---	7.4 - 7.8	0	0	0.0	0
	1-31	---	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
183:								
Tunnison	0-1	50-60	---	7.4 - 7.8	0	0	0.0	0
	1-31	50-60	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
Tunnison	0-1	---	---	7.4 - 7.8	0	0	0.0	0
	1-31	---	---	7.4 - 7.8	0	0	0.0	0
	31-38	---	---	---	---	---	---	---
	38-48	---	---	---	---	---	---	---
190:								
Swingler	0-6	4.0-8.0	---	7.4 - 8.4	1-5	0	2.0-4.0	1-12
	6-60	12-16	---	7.9 - 9.6	5-10	0-1	4.0-16.0	13-45

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

Washoe County, Nevada, Central Part

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	
190:								
Swingler	0-4	0.0-5.0	---	7.4 - 8.4	1-2	0	2.0-4.0	1-12
	4-60	12-16	---	7.9 - 9.6	5-10	0-1	4.0-16.0	13-45
193:								
Swingler	0-6	15-30	---	8.5 - 9.6	1-5	0	16.0-32.0	13-45
	6-19	15-30	---	7.4 - 9.0	5-10	0-1	16.0-32.0	13-45
	19-60	20-30	---	7.9 - 9.6	5-10	0-1	8.0-16.0	13-45
	60-70	20-35	---	7.9 - 9.6	5-10	0-1	8.0-16.0	13-45
Ragtown	0-10	19-23	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
200:								
Churchill	0-2	7.0-13	---	9.1 - 11.0	1-5	0	16.0-32.0	13-30
	2-21	25-41	---	8.5 - 9.0	1-5	0	16.0-32.0	30-99
	21-60	28-46	---	8.5 - 9.0	1-5	0	16.0-32.0	30-99
Swingler	0-6	4.0-8.0	---	7.4 - 8.4	1-5	0	2.0-4.0	1-12
	6-60	12-16	---	7.9 - 9.6	5-10	0-1	4.0-16.0	13-45
210:								
Veta	0-6	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	6-18	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	18-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0
Langston	0-4	8.0-16	---	6.6 - 7.8	0	0	0.0	0
	4-20	12-22	---	6.6 - 7.8	0	0	0.0	0
	20-60	0.0-4.0	---	7.4 - 8.4	1-5	0	0.0-2.0	0
212:								
Veta	0-6	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	6-18	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	18-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
220:								
Cewat	0-2	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0
	2-30	9.0-14	---	6.6 - 9.0	0-2	0	0.0-2.0	0-2
	30-40	---	---	---	---	---	---	---
241:								
Benin	0-8	15-25	---	7.9 - 9.0	1-5	0	8.0-16.0	0-13
	8-60	25-30	---	7.9 - 9.6	1-10	1-5	4.0-16.0	13-50

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

Washoe County, Nevada, Central Part

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	
241:								
Benin	0-1	17-38	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
	1-60	28-48	---	7.9 - 9.0	0-3	0	16.0-32.0	13-45
250:								
Old Camp	0-1	8.0-16	---	6.6 - 7.8	0	0	0.0-2.0	0-5
	1-15	17-23	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	15-19	---	---	---	---	---	---	---
Reywat	0-10	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	10-14	10-25	---	6.6 - 8.4	0	0	0.0	0
	14-19	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	19-23	---	---	---	---	---	---	---
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
251:								
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	---	---	---	---	---	---	---
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
258:								
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
	14-24	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
Theon	0-2	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-11	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	11-15	---	---	---	---	---	---	---
261:								
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
261:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
262:								
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
264:								
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
271:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
Bucklake	0-9	10-20	---	6.1 - 7.3	0	0	0.0	0
	9-13	20-30	---	6.6 - 7.8	0	0	0.0	0
	13-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-28	---	---	---	---	---	---	---
272:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
272:								
Manogue	0-4	35-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	4-20	30-45	---	7.4 - 8.4	0	0	0.0-4.0	0
	20-59	30-45	---	7.4 - 8.4	0	0	2.0-8.0	0
	59-63	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
273:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
274:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
279:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
280:								
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
280:								
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	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
282:								
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Hefed	0-2	10-20	---	6.6 - 7.8	0	0	0.0	0
	2-12	15-20	---	6.6 - 8.4	0	0	0.0-2.0	0
	12-60	3.0-10	---	6.6 - 8.4	0	0	0.0-2.0	0
Rubble Land	0-60	---	---	---	0	0	0.0	0
283:								
Bombadil	0-2	9.0-16	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Ceejay	0-2	11-19	---	6.6 - 8.4	0	0	0.0-2.0	0-1
	2-16	21-28	---	6.6 - 8.4	0-1	0	0.0-4.0	0-5
	16-20	---	---	---	---	---	---	---
284:								
Bombadil	0-2	9.0-16	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Corral	0-4	10-20	---	6.6 - 7.3	0	0	0.0	0
	4-12	20-35	---	6.6 - 7.8	0	0	0.0	0
	12-22	---	---	---	---	---	---	---
310:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
310:								
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
312:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
313:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
314:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Oppio	0-6	10-15	---	7.4 - 7.8	0	0	0.0-2.0	0
	6-22	30-40	---	7.4 - 7.8	0	0	0.0-2.0	0
	22-26	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
315:								

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

Washoe County, Nevada, Central 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	
315:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
316:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Manogue	0-4	35-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	4-25	30-45	---	7.4 - 8.4	0	0	0.0-4.0	0
	25-47	30-45	---	7.4 - 8.4	0	0	2.0-8.0	0
	47-57	---	---	---	---	---	---	---
Fulstone	0-5	10-15	---	6.1 - 7.3	0	0	0.0	0
	5-17	35-60	---	6.6 - 8.4	0	0	0.0	0
	17-40	---	---	---	---	---	---	---
317:								
Jaybee	0-8	10-23	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Corral	0-4	10-20	---	6.6 - 7.3	0	0	0.0	0
	4-12	20-35	---	6.6 - 7.8	0	0	0.0	0
	12-22	---	---	---	---	---	---	---
Oppio	0-6	10-15	---	7.4 - 7.8	0	0	0.0-2.0	0
	6-27	30-40	---	7.4 - 7.8	0	0	0.0-2.0	0
	27-31	---	---	---	---	---	---	---
318:								
Jaybee	0-8	12-24	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
330:								
Hart Camp	0-6	10-25	---	6.1 - 7.3	0	0	0.0	0
	6-15	15-25	---	6.1 - 7.3	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
340:								
Reywat, cool	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
344:								
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
Ister	0-17	15-30	---	6.6 - 7.8	0	0	0.0	0
	17-38	20-30	---	6.6 - 7.8	0	0	0.0	0
	38-48	---	---	---	---	---	---	---
362:								
Brubeck	0-3	30-45	---	6.6 - 8.4	0-3	0	0.0-2.0	0
	3-29	30-45	---	6.6 - 8.4	0-8	0	0.0-2.0	0
	29-33	---	---	---	---	---	---	---
370:								
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
371:								
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
371:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
372:								
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
373:								
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
374:								
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
420:								
Fulstone	0-2	10-15	---	6.1 - 7.3	0	0	0.0	0
	2-14	35-60	---	6.6 - 8.4	0	0	0.0	0
	14-60	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
420:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
421:								
Fulstone	0-5	10-15	---	6.1 - 7.3	0	0	0.0	0
	5-17	35-60	---	6.6 - 8.4	0	0	0.0	0
	17-40	---	---	---	---	---	---	---
Chalco	0-3	15-25	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 7.8	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---
422:								
Fulstone	0-5	10-15	---	6.1 - 7.3	0	0	0.0	0
	5-17	35-60	---	6.6 - 8.4	0	0	0.0	0
	17-40	---	---	---	---	---	---	---
441:								
Rezave	0-2	6.0-12	---	6.6 - 8.4	0	0	0.0-2.0	1-12
	2-15	21-34	---	7.9 - 9.0	1-5	0	2.0-4.0	13-30
	15-19	---	---	---	---	---	---	---
Theon	0-2	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-11	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	11-15	---	---	---	---	---	---	---
460:								
Chill	0-2	4.0-10	---	6.6 - 7.8	0	0	0.0	0
	2-14	15-30	---	6.6 - 7.8	0	0	0.0	0
	14-21	---	---	---	---	---	---	---
Jaybee	0-8	12-24	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
491:								
Oppio	0-6	10-15	---	7.4 - 7.8	0	0	0.0-2.0	0
	6-27	30-40	---	7.4 - 7.8	0	0	0.0-2.0	0
	27-31	---	---	---	---	---	---	---
500:								
Smaug	0-10	0.0-5.0	---	7.9 - 9.0	15-30	0	2.0-4.0	5-12
	10-60	5.0-10	---	7.9 - 9.0	15-35	0	8.0-16.0	31-45
510:								

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

Washoe County, Nevada, Central Part

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	
510:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
511:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Corral	0-6	10-20	---	6.6 - 7.3	0	0	0.0	0
	6-15	20-35	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Rubble Land	0-60	---	---	---	0	0	0.0	0
513:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---
515:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Reywat	0-6	5.0-20	---	6.6 - 7.8	0	0	0.0	0
	6-12	10-25	---	6.6 - 8.4	0	0	0.0	0
	12-18	10-25	---	6.6 - 8.4	1-2	0	0.0	0
	18-22	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
515:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
517:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
518:								
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
540:								
Mazuma	0-10	2.0-6.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	10-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
541:								
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
542:								

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

Washoe County, Nevada, Central Part

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	
542:								
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
543:								
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
Swingler	0-6	15-30	---	8.5 - 9.6	1-5	0	16.0-32.0	13-45
	6-19	15-30	---	7.4 - 9.0	5-10	0-1	16.0-32.0	13-45
	19-60	20-30	---	7.9 - 9.6	5-10	0-1	8.0-16.0	13-45
	60-70	20-35	---	7.9 - 9.6	5-10	0-1	8.0-16.0	13-45
545:								
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Davey	0-5	10-20	---	6.6 - 7.8	0	0	0.0	0
	5-14	10-25	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	14-67	2.0-10	---	7.9 - 9.0	0-10	0-1	0.0-2.0	0-5
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
546:								
Mazuma	0-8	6.0-10	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
547:								
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
548:								
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30

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

Washoe County, Nevada, Central Part

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	
549:								
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Smaug	0-10	0.0-5.0	---	7.9 - 9.0	15-30	0	2.0-4.0	5-12
	10-60	5.0-10	---	7.9 - 9.0	15-35	0	8.0-16.0	31-45
560:								
Toulon	0-4	5.0-10	---	7.9 - 9.0	0-5	0-2	2.0-4.0	0-12
	4-15	5.0-10	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
	15-60	0.0-3.0	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
Mazuma	0-8	2.0-6.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Hawsley	0-8	3.0-10	---	6.6 - 8.4	0	0	0.0	0
	8-42	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	42-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
561:								
Toulon	0-4	7.0-12	---	7.9 - 9.0	0-5	0-2	2.0-4.0	0-12
	4-15	7.0-10	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
	15-60	0.0-3.0	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
580:								
Verdico	0-2	5.0-20	---	6.1 - 7.3	0	0	0.0	0
	2-22	35-50	---	6.1 - 7.3	0	0	0.0	0
	22-29	35-50	---	6.6 - 7.8	0	0	0.0	0
	29-60	---	---	---	---	---	---	---
Corral	0-4	10-20	---	6.6 - 7.3	0	0	0.0	0
	4-12	20-35	---	6.6 - 7.8	0	0	0.0	0
	12-22	---	---	---	---	---	---	---
581:								
Verdico	0-5	5.0-20	---	6.1 - 7.3	0	0	0.0	0
	5-23	35-50	---	6.1 - 7.3	0	0	0.0	0
	23-30	35-50	---	6.6 - 7.8	0	0	0.0	0
	30-34	---	---	---	---	---	---	---
Chalco	0-1	20-25	---	6.1 - 7.8	0	0	0.0	0
	1-10	24-37	---	6.1 - 7.8	0	0	0.0	0
	10-20	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
581:								
590:								
Buffaran	0-2	11-19	---	6.6 - 7.8	0	0	0.0	0
	2-16	28-42	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	16-27	---	---	---	---	---	---	---
	27-60	---	---	---	---	---	---	---
591:								
Buffaran	0-2	11-19	---	6.6 - 7.8	0	0	0.0	0
	2-16	28-42	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	16-27	---	---	---	---	---	---	---
	27-60	---	---	---	---	---	---	---
Bombadil	0-2	8.0-13	---	6.6 - 7.8	0	0	0.0	0
	2-6	13-20	---	6.6 - 7.8	0	0	0.0	0
	6-10	16-23	---	6.6 - 7.8	0-1	0	0.0	0
	10-20	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
592:								
Buffaran	0-2	11-19	---	6.6 - 7.8	0	0	0.0	0
	2-16	28-42	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	16-27	---	---	---	---	---	---	---
	27-60	---	---	---	---	---	---	---
Corral	0-4	10-20	---	6.6 - 7.3	0	0	0.0	0
	4-12	20-35	---	6.6 - 7.8	0	0	0.0	0
	12-22	---	---	---	---	---	---	---
610:								
Haybourne	0-6	2.0-10	---	6.6 - 7.8	0	0	0.0	0
	6-27	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	27-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
Mottsville	0-15	5.0-20	---	5.6 - 7.3	0	0	0.0	0
	15-60	5.0-15	---	5.6 - 7.3	0	0	0.0	0
Incy	0-4	1.0-5.0	---	6.6 - 7.3	0	0	0.0	0
	4-60	1.0-5.0	---	6.6 - 7.8	0	0	0.0	0
611:								
Haybourne	0-6	5.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-25	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	25-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
Zorravista	0-4	0.0-5.0	---	7.9 - 8.4	1-5	0	0.0-4.0	0
	4-60	0.0-3.0	---	7.4 - 9.0	0-5	0	0.0-4.0	0

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

Washoe County, Nevada, Central Part

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	
611:								
Fulstone	0-5	10-15	---	6.1 - 7.3	0	0	0.0	0
	5-17	35-60	---	6.6 - 8.4	0	0	0.0	0
	17-40	---	---	---	---	---	---	---
614:								
Haybourne	0-6	2.0-10	---	6.6 - 7.8	0	0	0.0	0
	6-25	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	25-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
615:								
Haybourne	0-6	5.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-25	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	25-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
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
616:								
Haybourne	0-6	5.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-25	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	25-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
620:								
Leviathan	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-60	25-30	---	6.1 - 7.3	0	0	0.0	0
Barnard	0-15	15-25	---	6.1 - 7.3	---	0	0.0	0
	15-20	5.0-15	---	6.1 - 7.3	---	0	0.0	0
	20-26	30-35	---	6.6 - 7.8	---	0	0.0-2.0	0
	26-36	---	---	---	---	---	---	---
	36-60	5.0-10	---	6.6 - 7.8	---	0	0.0	0
621:								
Leviathan	0-11	10-20	---	6.1 - 7.3	0	0	0.0	0
	11-60	25-30	---	6.1 - 7.3	0	0	0.0	0
Springmeyer	0-7	10-20	---	6.1 - 7.3	0	0	0.0	0
	7-34	20-30	---	6.1 - 7.3	0	0	0.0	0
	34-60	20-25	---	6.6 - 8.4	0-1	0	0.0-2.0	0
Haybourne	0-6	2.0-10	---	6.6 - 7.8	0	0	0.0	0
	6-25	5.0-15	---	6.6 - 8.4	0	0	0.0-2.0	0
	25-60	5.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0

622:

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

Washoe County, Nevada, Central Part

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	
622:								
Leviathan	0-8	8.0-18	---	6.1 - 7.3	0	0	0.0-2.0	0
	8-60	16-23	---	6.1 - 7.3	0	0	0.0-2.0	0
630:								
Chappuis	0-3	5.0-15	---	7.4 - 8.4	1-2	0	0.0-2.0	5-13
	3-15	40-60	---	7.4 - 9.0	1-3	0	2.0-8.0	20-50
	15-45	40-60	---	7.9 - 9.0	3-6	0	2.0-8.0	30-60
	45-60	10-20	---	7.9 - 9.0	3-6	0	16.0-32.0	40-100
702:								
Graufels	0-11	3.0-10	---	6.1 - 7.3	0	0	0.0	0
	11-35	3.0-10	---	6.1 - 7.3	0	0	0.0	0
	35-60	---	---	---	---	---	---	---
Glenbrook	0-8	1.0-5.0	---	6.1 - 7.3	0	0	0.0	0
	8-19	1.0-5.0	---	6.1 - 7.3	0	0	0.0	0
	19-29	---	---	---	---	---	---	---
710:								
Thulepah	0-16	15-25	---	6.1 - 7.3	0	0	0.0	0
	16-42	20-35	---	6.1 - 7.3	0	0	0.0	0
	42-60	20-30	---	6.1 - 7.3	0	0	0.0	0
Hutchley	0-6	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-14	15-25	---	6.6 - 7.8	0	0	0.0	0
	14-24	---	---	---	---	---	---	---
711:								
Thulepah	0-6	15-25	---	6.1 - 7.3	0	0	0.0	0
	6-28	20-35	---	6.1 - 7.3	0	0	0.0	0
	28-60	20-30	---	6.1 - 7.3	0	0	0.0	0
Hutchley	0-6	11-21	---	6.6 - 7.8	0	0	0.0	0
	6-15	17-22	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
721:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Sumine	0-6	20-30	---	6.6 - 7.8	0	0	0.0	0
	6-28	25-40	---	6.6 - 7.8	0	0	0.0	0
	28-32	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
721:								
Hutchley	0-6	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-14	15-25	---	6.6 - 7.8	0	0	0.0	0
	14-24	---	---	---	---	---	---	---
722:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
Indiano	0-3	11-16	---	6.1 - 7.3	0	0	0.0	0
	3-13	11-19	---	6.1 - 7.3	0	0	0.0	0
	13-33	19-23	---	6.1 - 7.3	0	0	0.0	0
	33-43	---	---	---	---	---	---	---
723:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Hutchley	0-6	11-21	---	6.6 - 7.8	0	0	0.0	0
	6-15	17-22	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Thulepah	0-6	15-25	---	6.1 - 7.3	0	0	0.0	0
	6-28	20-35	---	6.1 - 7.3	0	0	0.0	0
	28-60	20-30	---	6.1 - 7.3	0	0	0.0	0
725:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Sumine	0-5	20-30	---	6.6 - 7.8	0	0	0.0	0
	5-21	25-40	---	6.6 - 7.8	0	0	0.0	0
	21-25	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
725:								
Prunie	0-10	14-24	---	6.6 - 7.3	0	0	0.0	0
	10-31	25-38	---	6.6 - 7.3	0	0	0.0	0
	31-45	36-43	---	6.6 - 7.8	0	0	0.0	0
	45-52	---	---	---	---	---	---	---
	52-62	---	---	---	---	---	---	---
726:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Dosie	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-41	20-45	---	6.6 - 7.3	0	0	0.0	0
	41-51	---	---	---	---	---	---	---
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
727:								
Softscrabble	0-20	10-20	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Hart Camp	0-3	10-25	---	6.1 - 7.3	0	0	0.0	0
	3-13	15-25	---	6.1 - 7.3	0	0	0.0	0
	13-17	---	---	---	---	---	---	---
728:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---
Hutchley	0-6	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-14	15-25	---	6.6 - 7.8	0	0	0.0	0
	14-24	---	---	---	---	---	---	---
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
729:								
Softscrabble	0-20	10-25	---	6.1 - 7.3	0	0	0.0	0
	20-32	15-30	---	6.1 - 7.3	0	0	0.0	0
	32-61	15-30	---	6.1 - 7.3	0	0	0.0	0
	61-65	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
729:								
Dosie	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-41	20-45	---	6.6 - 7.3	0	0	0.0	0
	41-51	---	---	---	---	---	---	---
Hutchley	0-6	7.0-15	---	6.6 - 7.8	0	0	0.0	0
	6-14	15-25	---	6.6 - 7.8	0	0	0.0	0
	14-24	---	---	---	---	---	---	---
730:								
Arzo	0-6	20-25	---	6.6 - 8.4	0	0	0.0-2.0	0
	6-25	25-35	---	6.6 - 8.4	1-5	0	0.0-2.0	0
	25-29	---	---	---	---	---	---	---
Indiano	0-8	15-30	---	6.1 - 7.3	0	0	0.0	0
	8-21	15-30	---	6.1 - 7.3	0	0	0.0	0
	21-25	---	---	---	---	---	---	---
Barnard	0-9	5.0-15	---	6.1 - 7.3	---	0	0.0	0
	9-20	5.0-15	---	6.1 - 7.3	---	0	0.0	0
	20-27	30-35	---	6.6 - 7.8	---	0	0.0-2.0	0
	27-36	---	---	---	---	---	---	---
	36-60	5.0-10	---	6.6 - 7.8	---	0	0.0	0
750:								
Gitakup	0-2	19-33	---	8.5 - 9.0	1-5	0	8.0-16.0	13-45
	2-11	24-42	---	8.5 - 9.0	5-10	0	16.0-32.0	45-99
	11-29	19-30	---	8.5 - 9.0	5-10	0-1	16.0-32.0	30-99
	29-60	18-30	---	8.5 - 9.0	5-10	0-1	16.0-32.0	13-99
Tresed	0-4	5.0-20	---	8.5 - 9.0	0	0	16.0-32.0	1-12
	4-16	20-45	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
	16-60	5.0-15	---	7.9 - 9.0	1-5	0-3	4.0-32.0	13-45
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
760:								
Ganaflan	0-4	5.0-15	---	7.9 - 9.0	1-5	0	8.0-16.0	13-45
	4-32	5.0-15	---	7.9 - 9.0	5-15	0	8.0-16.0	13-45
	32-48	---	---	---	---	---	---	---
	48-60	2.0-5.0	---	7.9 - 9.0	5-10	0	0.0-4.0	0-12
Smaug	0-10	0.0-5.0	---	7.9 - 9.0	15-30	0	2.0-4.0	5-12
	10-60	5.0-10	---	7.9 - 9.0	15-35	0	8.0-16.0	31-45

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

Washoe County, Nevada, Central Part

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	
760:								
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
770:								
Tresed	0-10	5.0-20	---	8.5 - 9.0	0	0	16.0-32.0	1-12
	10-25	20-45	---	8.5 - 9.0	1-5	0-3	8.0-32.0	13-45
	25-60	5.0-15	---	7.9 - 9.0	1-5	0-3	4.0-32.0	13-45
Gitakup	0-2	19-33	---	8.5 - 9.0	1-5	0	8.0-16.0	13-45
	2-11	24-42	---	8.5 - 9.0	5-10	0	16.0-32.0	45-99
	11-29	19-30	---	8.5 - 9.0	5-10	0-1	16.0-32.0	30-99
	29-60	18-30	---	8.5 - 9.0	5-10	0-1	16.0-32.0	13-99
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
780:								
Chuckles	0-6	7.0-14	---	7.9 - 9.0	1-5	0	16.0-32.0	13-30
	6-15	12-18	---	8.5 - 9.0	5-10	0	16.0-32.0	46-90
	15-34	12-18	---	8.5 - 9.0	5-15	0	16.0-32.0	46-90
	34-60	12-22	---	8.5 - 9.0	5-15	0-1	16.0-32.0	46-90
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
781:								
Chuckles	0-6	7.0-14	---	7.9 - 9.0	1-5	0	16.0-32.0	13-30
	6-15	12-18	---	8.5 - 9.0	5-10	0	16.0-32.0	46-90
	15-34	12-18	---	8.5 - 9.0	5-15	0	16.0-32.0	46-90
	34-60	12-22	---	8.5 - 9.0	5-15	0-1	16.0-32.0	46-90
Ragtown	0-10	10-17	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
790:								
Galeppi	0-9	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	9-27	15-25	---	6.6 - 7.8	0	0	0.0	0-2
	27-60	5.0-10	---	6.6 - 7.8	0	0	0.0-2.0	0
Barnard	0-15	5.0-15	---	6.1 - 7.3	---	0	0.0	0
	15-20	5.0-15	---	6.1 - 7.3	---	0	0.0	0
	20-26	30-35	---	6.6 - 7.8	---	0	0.0-2.0	0
	26-36	---	---	---	---	---	---	---
	36-60	5.0-10	---	6.6 - 7.8	---	0	0.0	0

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

Washoe County, Nevada, Central Part

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	
790:								
800:								
Boulder Lake	0-1	35-65	---	6.1 - 7.8	0	0	0.0	0
	1-60	30-60	---	6.6 - 8.4	0	0	0.0-2.0	0
810:								
Voltaire	0-20	20-30	---	8.5 - 9.0	1-5	0	4.0-32.0	13-45
	20-60	20-30	---	7.9 - 9.0	1-5	0	4.0-8.0	13-30
Truckee	0-13	25-35	---	8.5 - 9.6	1-5	0	16.0-32.0	1-12
	13-60	15-25	---	7.9 - 9.6	1-5	0	8.0-32.0	1-12
811:								
Voltaire	0-20	15-25	---	7.4 - 8.4	1-5	0	4.0-8.0	13-30
	20-60	15-20	---	7.4 - 8.4	1-5	0	0.0-8.0	1-12
Fluvaquents	0-6	2.0-8.0	---	7.4 - 8.4	0-2	0	0.0-2.0	0-5
	6-60	5.0-20	---	7.4 - 8.4	0-2	0	0.0-2.0	0-5
Veta	0-6	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	6-12	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	12-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0
820:								
Horsecamp	0-1	45-55	---	6.6 - 8.4	0	0	0.0	0
	1-20	45-55	---	6.6 - 8.4	0-8	0	0.0	0
	20-40	45-55	---	7.4 - 8.4	3-8	0-1	0.0-2.0	0
	40-44	---	---	---	---	---	---	---
Mahala	0-3	14-19	---	6.6 - 7.3	0	0	0.0-2.0	0
	3-16	36-49	---	6.6 - 8.4	0	0	0.0-2.0	0
	16-36	28-48	---	7.4 - 8.4	1-2	0	0.0-2.0	0
	36-40	---	---	---	---	---	---	---
831:								
Kayo	0-6	5.0-10	---	6.1 - 7.3	0	0	0.0	0
	6-18	10-15	---	6.1 - 7.3	0	0	0.0	0
	18-60	2.0-10	---	6.6 - 8.4	1-5	0-1	0.0-2.0	0
841:								
Beaches	0-6	---	---	---	---	---	0.0	---
	6-60	---	---	---	---	---	0.0	---
850:								
Osobb	0-6	10-15	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	6-14	10-15	---	7.9 - 9.6	5-10	0	2.0-4.0	1-5
	14-16	---	---	---	---	---	---	---
	16-20	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
850:								
Rezave	0-4	10-15	---	6.6 - 8.4	0-2	0	0.0-2.0	1-12
	4-13	30-45	---	7.9 - 9.0	1-5	0	2.0-4.0	13-30
	13-19	30-40	---	8.5 - 9.6	5-15	0	2.0-8.0	13-30
	19-23	---	---	---	---	---	---	---
Fireball	0-5	10-15	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
	5-17	15-30	---	8.5 - 9.6	1-5	0	0.0-2.0	13-30
	17-41	10-15	---	8.5 - 9.6	6-15	0	0.0-2.0	13-30
	41-45	---	---	---	---	---	---	---
890:								
Slocave	0-2	4.0-10	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	2-7	4.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-30	---	---	---	---	---	---	---
	30-34	---	---	---	---	---	---	---
Arclay	0-5	5.0-11	---	6.6 - 7.8	0	0	0.0	0
	5-14	17-25	---	6.6 - 7.8	0	0	0.0	0
	14-40	---	---	---	---	---	---	---
	40-44	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
892:								
Slocave	0-1	4.0-10	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	1-7	4.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-27	---	---	---	---	---	---	---
	27-37	---	---	---	---	---	---	---
Singatse	0-1	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	1-6	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-12
	6-10	---	---	---	---	---	---	---
Jaybee	0-8	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	8-14	25-40	---	6.6 - 7.8	0	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
893:								
Slocave	0-1	3.0-7.0	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	1-7	4.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-27	---	---	---	---	---	---	---
	27-37	---	---	---	---	---	---	---
Slocave	0-1	3.0-7.0	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	1-7	4.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-27	---	---	---	---	---	---	---
	27-37	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
893:								
Rock Outcrop	---	---	---	---	---	---	---	---
900:								
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
901:								
Dune Land	0-6	0.0-1.0	---	7.4 - 8.4	0	0	0.0	0
	6-60	0.0-1.0	---	7.4 - 8.4	0	0	0.0	0
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
910:								
Shawave	0-8	6.0-12	---	7.4 - 8.4	0	0	0.0-2.0	0-13
	8-16	16-24	---	7.4 - 8.4	0	0	0.0-2.0	0-13
	16-60	2.0-10	---	7.4 - 8.4	0-4	0	0.0-2.0	5-13
Deadyon	0-5	5.0-15	---	6.6 - 8.4	0	0	0.0	0
	5-24	10-15	---	7.4 - 8.4	0	0	0.0	0-5
	24-35	2.0-7.0	---	7.4 - 8.4	0	0	0.0	0-10
	35-60	2.0-5.0	---	7.9 - 9.0	0	0	0.0-2.0	1-12
930:								
Typic Torriorthents	0-3	3.0-7.0	---	7.9 - 9.0	0-5	0	0.0-4.0	0-12
	3-60	3.0-19	---	7.9 - 9.0	0-5	0-2	2.0-8.0	0-12
Aquic Torriorthents	0-8	3.0-7.0	---	7.9 - 9.0	1-5	0	0.0-4.0	0-12
	8-60	3.0-19	---	7.9 - 9.0	1-5	0-1	2.0-8.0	0-12
940:								
Hawsley	0-6	1.0-5.0	---	6.6 - 8.4	0	0	0.0	0
	6-35	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	35-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
Hawsley	0-6	1.0-5.0	---	6.6 - 8.4	0	0	0.0	0
	6-35	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	35-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
950:								
Cleaver	0-4	5.0-15	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	4-11	18-25	---	6.6 - 8.4	0	0	0.0-2.0	1-12
	11-30	---	---	---	---	---	---	---
	30-60	4.0-8.0	---	6.6 - 9.0	5-10	0	0.0-2.0	5-30

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

Washoe County, Nevada, Central 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	
950:								
Xeric Torriorthents	0-10	8.0-20	---	6.6 - 7.3	0	0	0.0	0
	10-40	---	---	---	---	---	---	---
	40-44	---	---	---	---	---	---	---
972:								
Isolde	0-6	1.0-5.0	---	6.6 - 8.4	0-1	0	0.0	0-5
	6-60	1.0-5.0	---	6.6 - 8.4	0-3	0-1	0.0-2.0	0-5
Toulon	0-10	5.0-10	---	7.9 - 9.0	0-5	0-2	2.0-4.0	0-12
	10-20	5.0-10	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
	20-60	0.0-3.0	---	7.9 - 9.0	1-5	0-2	2.0-4.0	0-12
1043:								
Bluewing	0-7	2.0-8.0	---	7.4 - 9.0	0-2	0	0.0-2.0	0-5
	7-60	2.0-8.0	---	7.4 - 9.0	1-5	0	0.0-4.0	1-12
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
1060:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
1061:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Bluewing	0-7	1.0-7.0	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	7-60	1.0-7.0	---	6.6 - 9.0	5-10	0	0.0-4.0	0-5
1063:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Ganaflan	0-4	5.0-15	---	7.9 - 9.0	5-15	0	8.0-16.0	13-45
	4-32	5.0-15	---	7.9 - 9.0	5-15	0	8.0-16.0	13-45
	32-48	---	---	---	---	---	---	---
	48-60	2.0-5.0	---	7.9 - 9.0	5-10	0	0.0-4.0	0-12
Bluewing	0-7	1.0-7.0	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	7-60	1.0-7.0	---	6.6 - 9.0	5-10	0	0.0-4.0	0-5

1064:

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

Washoe County, Nevada, Central Part

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	
1064:								
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
1065:								
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
Ruhe	0-2	1.0-5.0	---	7.9 - 9.0	1-5	0	2.0-4.0	0-5
	2-16	1.0-5.0	---	7.9 - 9.0	5-15	0	2.0-4.0	0-5
	16-30	---	---	---	---	---	---	---
	30-60	1.0-5.0	---	7.9 - 9.6	5-10	0-1	4.0-8.0	1-5
Bluewing	0-7	3.0-7.0	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	7-60	1.0-7.0	---	6.6 - 9.0	5-10	0	0.0-4.0	0-5
1067:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
1068:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Hawsley	0-8	1.0-5.0	---	6.6 - 8.4	0	0	0.0	0
	8-42	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	42-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
1160:								
Glenbrook	0-9	1.0-5.0	---	6.1 - 7.3	0	0	0.0	0
	9-15	1.0-5.0	---	6.1 - 7.3	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Graufels	0-10	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	10-22	3.0-10	---	6.1 - 7.3	0	0	0.0	0
	22-40	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
1160:								
1190:								
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
Isolde	0-4	1.0-5.0	---	6.6 - 8.4	0-1	0	0.0	0-5
	4-60	1.0-5.0	---	6.6 - 8.4	0-3	0-1	0.0-2.0	0-5
1191:								
Ragtown	0-10	19-23	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
Ragtown	0-10	19-23	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
1192:								
Ragtown	0-10	7.0-11	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
Umberland	0-15	22-26	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	15-60	22-32	---	8.5 - 9.6	10-25	1-5	4.0-16.0	46-90
Ragtown	0-10	7.0-11	---	8.5 - 9.0	1-10	0	16.0-32.0	13-30
	10-23	18-22	---	8.5 - 9.0	1-10	0-1	16.0-32.0	46-90
	23-60	21-25	---	8.5 - 9.0	1-10	0-2	4.0-16.0	13-30
1194:								
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
Swingler	0-6	4.0-8.0	---	7.4 - 8.4	1-5	0	2.0-4.0	1-12
	6-60	12-16	---	7.9 - 9.6	5-10	0-1	4.0-16.0	13-45
Benin	0-1	17-38	---	7.9 - 9.0	1-5	0	8.0-16.0	13-30
	1-60	28-48	---	7.9 - 9.0	0-3	0	16.0-32.0	13-45
1200:								
Dosie	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-41	20-45	---	6.6 - 7.3	0	0	0.0	0
	41-51	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
1200:								
Devada	0-4	20-30	---	6.1 - 7.8	0	0	0.0	0
	4-13	32-48	---	6.1 - 7.8	0	0	0.0	0
	13-23	---	---	---	---	---	---	---
1201:								
Dosie	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-41	20-45	---	6.6 - 7.3	0	0	0.0	0
	41-51	---	---	---	---	---	---	---
Rubble Land	0-60	---	---	---	0	0	0.0	0
1220:								
Ceejay	0-2	11-19	---	6.6 - 8.4	0	0	0.0-2.0	0-1
	2-16	21-28	---	6.6 - 8.4	0-1	0	0.0-4.0	0-5
	16-20	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
1221:								
Ceejay	0-2	11-19	---	6.6 - 8.4	0	0	0.0-2.0	0-1
	2-16	21-28	---	6.6 - 8.4	0-1	0	0.0-4.0	0-5
	16-20	---	---	---	---	---	---	---
1222:								
Ceejay	0-2	11-19	---	6.6 - 8.4	0	0	0.0-2.0	0-1
	2-16	21-28	---	6.6 - 8.4	0-1	0	0.0-4.0	0-5
	16-20	---	---	---	---	---	---	---
Verdico	0-2	5.0-20	---	6.1 - 7.3	0	0	0.0	0
	2-22	35-50	---	6.1 - 7.3	0	0	0.0	0
	22-29	35-50	---	6.6 - 7.8	0	0	0.0	0
	29-60	---	---	---	---	---	---	---
Chalco	0-3	15-25	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 7.8	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---
1230:								
Singatse	0-1	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	1-6	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-12
	6-10	---	---	---	---	---	---	---
Jaybee	0-8	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	8-14	25-40	---	6.6 - 7.8	0	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
1240:								
Labkey	0-4	3.0-8.0	---	7.9 - 8.4	0	0	0.0-2.0	1-5
	4-14	3.0-8.0	---	7.9 - 9.0	0	0	0.0-2.0	1-12
	14-60	1.0-6.0	---	7.9 - 9.0	1-5	0	2.0-4.0	1-12
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
1250:								
Jerval	0-10	8.0-20	---	7.9 - 8.4	0-2	0	2.0-4.0	1-12
	10-20	20-30	---	7.9 - 9.0	1-5	0-3	8.0-16.0	13-30
	20-60	2.0-10	---	7.9 - 9.0	1-10	1-5	8.0-16.0	13-30
Dorper	0-2	5.0-15	---	7.9 - 9.0	0-1	0	0.0-2.0	1-12
	2-6	5.0-15	---	7.9 - 9.0	0-5	0	2.0-4.0	1-12
	6-14	25-35	---	7.9 - 9.0	0-5	0-1	2.0-8.0	13-45
	14-60	5.0-15	---	7.9 - 9.0	1-10	0-5	16.0-32.0	31-90
1251:								
Jerval	0-10	6.0-10	---	7.9 - 8.4	0-2	0	2.0-4.0	0-5
	10-20	16-21	---	7.9 - 9.0	1-5	0-2	8.0-32.0	13-30
	20-60	3.0-7.0	---	7.9 - 9.0	1-10	0-1	8.0-32.0	13-30
Jerval	0-10	6.0-10	---	7.9 - 8.4	0-2	0	2.0-4.0	0-5
	10-20	16-21	---	7.9 - 9.0	1-5	0-2	8.0-32.0	13-30
	20-60	3.0-7.0	---	7.9 - 9.0	1-10	0-1	8.0-32.0	13-30
Kumiva	0-8	4.0-7.0	---	7.4 - 9.0	1-2	0	0.0-4.0	1-12
	8-40	4.0-7.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-12
	40-60	3.0-7.0	---	7.4 - 9.0	1-5	0	0.0-4.0	1-12
1254:								
Jerval	0-10	6.0-10	---	7.9 - 8.4	0-2	0	2.0-4.0	0-5
	10-20	16-21	---	7.9 - 9.0	1-5	0-2	8.0-32.0	13-30
	20-60	3.0-7.0	---	7.9 - 9.0	1-10	0-1	8.0-32.0	13-30
Jerval	0-10	6.0-10	---	7.9 - 8.4	0-2	0	2.0-4.0	0-5
	10-20	16-21	---	7.9 - 9.0	1-5	0-2	8.0-32.0	13-30
	20-60	3.0-7.0	---	7.9 - 9.0	1-10	0-1	8.0-32.0	13-30
Troocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
1255:								
Jerval	0-6	8.0-20	---	7.9 - 8.4	0-2	0	2.0-4.0	1-12
	6-22	20-30	---	7.9 - 9.0	1-5	0-3	8.0-16.0	13-30
	22-60	2.0-10	---	7.9 - 9.0	1-10	1-5	8.0-16.0	13-30

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

Washoe County, Nevada, Central Part

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	
1255:								
Veta	0-6	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	6-18	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	18-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0
1260:								
Sojur	0-4	10-20	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
	4-8	---	---	---	---	---	---	---
Phliss	0-4	11-16	---	7.9 - 8.4	0-1	0	0.0-2.0	0
	4-14	12-19	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
1270:								
Deadyon	0-5	5.0-15	---	6.6 - 8.4	0	0	0.0	0
	5-22	10-15	---	7.4 - 8.4	0	0	0.0	0-5
	22-28	2.0-7.0	---	7.4 - 8.4	0	0	0.0	0-10
	28-60	2.0-5.0	---	7.9 - 9.0	0	0	0.0-2.0	1-12
1290:								
Hutchley	0-6	11-21	---	6.6 - 7.8	0	0	0.0	0
	6-15	17-22	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Terca	0-3	11-19	---	6.6 - 7.8	0	0	0.0-2.0	0
	3-17	18-25	---	6.6 - 7.8	0	0	0.0-2.0	0
	17-27	---	---	---	---	---	---	---
1310:								
Hooplite	0-3	8.0-16	---	7.4 - 8.4	0-1	0	0.0-4.0	0
	3-8	14-20	---	7.4 - 8.4	1-2	0	0.0-4.0	0
	8-12	---	---	---	---	---	---	---
Singatse	0-1	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	1-6	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-12
	6-10	---	---	---	---	---	---	---
1320:								
Jaybee	0-8	12-24	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
Theon	0-2	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-11	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	11-15	---	---	---	---	---	---	---
Singatse	0-1	3.0-10	---	7.9 - 9.0	1-10	0	0.0-2.0	0-2
	1-6	3.0-10	---	7.9 - 9.0	1-10	0	0.0-2.0	0-2
	6-10	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central 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	
1320:								
1340:								
Phing	0-7	10-15	---	6.6 - 8.4	0	0	0.0	0
	7-20	40-55	---	6.6 - 8.4	0	0	0.0	0
	20-60	5.0-15	---	7.4 - 8.4	0-5	0	0.0-2.0	0-5
1360:								
Mastly	0-6	8.0-15	---	7.9 - 9.0	1-3	0	0.0-2.0	1-12
	6-60	6.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	1-12
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
1370:								
Theon	0-2	7.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-11	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	0-12
	11-15	---	---	---	---	---	---	---
Jaybee	0-8	12-24	---	6.6 - 7.8	0	0	0.0-2.0	1-5
	8-14	28-44	---	6.6 - 7.8	0	0	0.0-2.0	1-12
	14-24	---	---	---	---	---	---	---
1372:								
Theon	0-2	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-10	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	10-14	---	---	---	---	---	---	---
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
	14-24	---	---	---	---	---	---	---
1373:								
Theon	0-2	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	0-12
	2-11	15-22	---	6.6 - 9.0	0-1	0	0.0-2.0	1-12
	11-15	---	---	---	---	---	---	---
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
Singatse	0-1	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	1-6	4.0-12	---	7.9 - 9.0	1-10	0	0.0-2.0	0-12
	6-10	---	---	---	---	---	---	---
1392:								
Ninemile	0-3	15-28	---	6.1 - 7.3	0	0	0.0	0
	3-12	29-50	---	6.1 - 7.8	0	0	0.0	0
	12-22	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
1392:								
Newlands	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-45	10-25	---	6.1 - 7.3	0	0	0.0	0
	45-55	---	---	---	---	---	---	---
1401:								
Dedmount	0-2	9.0-16	---	8.5 - 9.0	1-5	0	0.0-4.0	13-45
	2-60	21-28	---	8.5 - 9.0	1-5	0	2.0-8.0	13-45
Umberland	0-5	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	5-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
1410:								
Juva	0-8	7.0-16	---	7.9 - 9.0	0-5	0	0.0-2.0	1-12
	8-65	4.0-11	---	7.9 - 9.0	1-10	0	0.0-4.0	13-30
1420:								
Perwaso	0-3	13-17	---	8.5 - 9.0	1-5	0	16.0-32.0	31-45
	3-36	12-17	---	7.9 - 9.0	1-5	0	16.0-32.0	31-175
	36-60	2.0-5.0	---	7.9 - 9.0	1-5	0	8.0-16.0	31-45
Perwaso	0-3	13-17	---	8.5 - 9.0	1-5	0	16.0-32.0	31-45
	3-36	12-17	---	7.9 - 9.0	1-5	0	0.0-4.0	31-175
	36-60	2.0-5.0	---	7.9 - 9.0	1-5	0	8.0-16.0	31-45
1430:								
Slaw	0-10	10-20	---	9.1 - 11.0	1-4	0	8.0-16.0	13-99
	10-60	20-30	---	8.5 - 9.0	1-4	0-5	8.0-32.0	13-99
Slaw	0-9	5.0-15	---	8.5 - 9.6	1-4	0	16.0-32.0	13-30
	9-60	20-25	---	8.5 - 9.6	1-4	0-5	4.0-16.0	13-30
1440:								
Umberland	0-15	22-26	---	9.1 - 11.0	10-25	0	16.0-32.0	46-90
	15-60	21-31	---	8.5 - 9.0	10-25	1-5	4.0-32.0	13-90
1442:								
Umberland	0-15	12-19	---	9.1 - 11.0	10-25	0	16.0-32.0	46-90
	15-60	21-31	---	8.5 - 9.0	10-25	1-5	4.0-32.0	13-90
Benin	0-8	10-15	---	7.9 - 9.0	1-5	0	8.0-16.0	0-13
	8-70	25-30	---	7.9 - 9.6	1-10	1-5	4.0-16.0	13-50
1443:								
Umberland	0-15	12-18	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	15-60	22-32	---	8.5 - 9.6	10-25	1-5	4.0-16.0	46-90

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

Washoe County, Nevada, Central Part

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	
1443:								
Ragtown	0-10	10-20	---	8.5 - 9.6	1-10	0	4.0-8.0	1-5
	10-16	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	16-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
Umberland	0-5	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	5-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
1444:								
Umberland	0-5	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	5-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
1445:								
Umberland	0-5	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	5-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
Playas	0-6	---	---	8.5 - 9.0	---	---	16.0-32.0	---
	6-60	---	---	8.5 - 9.0	---	---	16.0-32.0	---
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
1446:								
Umberland	0-5	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	5-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
Umberland	0-15	22-26	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	15-60	22-32	---	8.5 - 9.6	10-25	1-5	4.0-16.0	46-90
1447:								
Dedmount	0-2	9.0-16	---	8.5 - 9.0	1-5	0	0.0-4.0	13-45
	2-60	21-28	---	8.5 - 9.0	1-5	0	2.0-8.0	13-45
Umberland	0-15	22-26	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	15-60	22-32	---	8.5 - 9.6	10-25	1-5	4.0-16.0	46-90
Umberland	0-6	20-25	---	9.1 - 9.6	10-25	0	16.0-32.0	46-90
	6-60	20-30	---	8.5 - 9.6	10-25	1-5	4.0-16.0	31-90
1460:								
Chalco	0-3	10-15	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---
Chalco	0-3	10-15	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
1461:								
Chalco	0-3	20-30	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---
Chalco	0-3	10-15	---	6.1 - 7.8	0	0	0.0-2.0	0
	3-15	30-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	15-30	---	---	---	---	---	---	---
Pickup	0-8	15-25	---	6.6 - 8.4	0	0	0.0	0
	8-34	25-45	---	6.6 - 8.4	0	0	0.0-2.0	0
	34-44	---	---	---	---	---	---	---
1470:								
Squawval	0-5	15-20	---	6.1 - 7.3	0	0	0.0	0
	5-35	20-30	---	6.6 - 7.3	0	0	0.0	0
	35-39	---	---	---	---	---	---	---
Hutchley	0-6	11-21	---	6.6 - 7.8	0	0	0.0	0
	6-15	17-22	---	6.6 - 7.8	0	0	0.0	0
	15-19	---	---	---	---	---	---	---
Tosp	0-19	10-25	---	5.6 - 7.3	0	0	0.0	0
	19-33	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	33-60	5.0-15	---	6.1 - 7.3	0	0	0.0	0
	60-64	---	---	---	---	---	---	---
1480:								
Eaglerock	0-10	15-25	---	6.1 - 7.3	0	0	0.0	0
	10-36	15-30	---	6.1 - 7.3	0	0	0.0	0
	36-40	---	---	---	---	---	---	---
Wagore	0-12	10-18	---	6.1 - 7.3	0	0	0.0-2.0	0
	12-60	7.0-15	---	6.1 - 7.3	0	0	0.0-2.0	0
1490:								
Berit	0-4	8.0-16	---	6.1 - 7.3	0	0	0.0-2.0	0
	4-11	16-22	---	6.1 - 7.3	0	0	0.0-2.0	0
	11-21	---	---	---	---	---	---	---
Deanran	0-4	8.0-18	---	6.6 - 7.3	0	0	0.0-2.0	0
	4-8	14-21	---	6.6 - 7.3	0	0	0.0-2.0	0
	8-21	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
1491:								

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

Washoe County, Nevada, Central 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	
1491:								
Berit	0-4	8.0-16	---	6.1 - 7.3	0	0	0.0-2.0	0
	4-11	16-22	---	6.1 - 7.3	0	0	0.0-2.0	0
	11-21	---	---	---	---	---	---	---
Noslo	0-13	8.0-18	---	6.1 - 7.3	0	0	0.0-2.0	0
	13-30	16-23	---	6.1 - 7.3	0	0	0.0-2.0	0
	30-40	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1500:								
Hastee	0-17	10-20	---	6.1 - 6.5	0	0	0.0-2.0	0
	17-45	5.0-10	---	6.1 - 7.3	0	0	0.0-2.0	0
	45-55	---	---	---	---	---	---	---
Granipeak	0-8	10-20	---	6.1 - 7.3	0	0	0.0-2.0	0
	8-41	13-19	---	6.6 - 7.3	0	0	0.0-2.0	0
	41-51	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
1510:								
Greenbrae	0-6	10-20	---	5.6 - 7.3	0	0	0.0	0
	6-30	20-30	---	6.1 - 7.8	0	0	0.0-2.0	0
	30-60	2.0-10	---	6.6 - 7.8	0	0	0.0-2.0	0
1520:								
Kaffur	0-1	7.0-16	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	1-4	6.0-13	---	7.9 - 9.0	1-5	0	0.0-2.0	0-5
	4-21	---	---	---	---	---	---	---
Slocave	0-1	3.0-7.0	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	1-7	4.0-12	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	7-27	---	---	---	---	---	---	---
	27-37	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
1530:								
Coppereid	0-2	10-20	---	7.9 - 9.0	5-15	0	0.0-2.0	0
	2-6	10-20	---	7.9 - 9.0	5-15	0	0.0-2.0	0
	6-10	---	---	---	---	---	---	---
Coppereid	0-2	10-20	---	7.9 - 9.0	5-15	0	0.0-2.0	0
	2-9	10-20	---	7.9 - 9.0	5-15	0	0.0-2.0	0
	9-13	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
1530:								
Kreza	0-1	6.0-14	---	7.4 - 8.4	0	0	0.0-2.0	0
	1-5	12-16	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	5-15	---	---	---	---	---	---	---
1540:								
Foxcan	0-1	8.0-16	---	7.4 - 8.4	0-5	0	0.0-2.0	0-2
	1-5	6.0-13	---	7.4 - 8.4	0-5	0	0.0-2.0	0-2
	5-21	---	---	---	---	---	---	---
Sojur	0-4	10-20	---	7.9 - 9.0	1-10	0	0.0-2.0	1-12
	4-8	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
1550:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Ister	0-6	15-30	---	6.6 - 7.8	0	0	0.0	0
	6-29	20-30	---	6.6 - 7.8	0	0	0.0	0
	29-33	---	---	---	---	---	---	---
1552:								
Wylo	0-4	15-30	---	6.6 - 7.8	0	0	0.0-2.0	0
	4-15	25-45	---	6.6 - 7.8	0	0	0.0-2.0	0
	15-25	---	---	---	---	---	---	---
Bucklake	0-8	10-20	---	6.1 - 7.3	0	0	0.0	0
	8-12	20-30	---	6.6 - 7.8	0	0	0.0	0
	12-24	25-40	---	6.6 - 7.8	0	0	0.0	0
	24-34	---	---	---	---	---	---	---
1560:								
Ceejay	0-2	11-19	---	6.6 - 8.4	0	0	0.0-2.0	0-1
	2-16	21-28	---	6.6 - 8.4	0-1	0	0.0-4.0	0-5
	16-20	---	---	---	---	---	---	---
Manogue	0-4	35-50	---	6.1 - 8.4	0	0	0.0-2.0	0
	4-25	30-45	---	7.4 - 8.4	0	0	0.0-4.0	0
	25-47	30-45	---	7.4 - 8.4	0	0	2.0-8.0	0
	47-57	---	---	---	---	---	---	---
1570:								
Espil	0-7	5.0-18	---	6.1 - 7.3	0	0	0.0	0
	7-10	22-29	---	6.1 - 7.3	0	0	0.0	0
	10-14	---	---	---	---	---	---	---
	14-60	---	---	---	---	---	---	---

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

Washoe County, Nevada, Central Part

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	
1570:								
1580:								
Trocken	0-3	5.0-12	---	6.6 - 9.6	1-5	0	0.0-2.0	1-12
	3-60	5.0-12	---	6.6 - 9.6	1-5	0-1	2.0-4.0	5-12
Ganaflan	0-4	5.0-15	---	7.9 - 9.0	5-15	0	8.0-16.0	13-45
	4-32	5.0-15	---	7.9 - 9.0	5-15	0	8.0-16.0	13-45
	32-48	---	---	---	---	---	---	---
	48-60	2.0-5.0	---	7.9 - 9.0	5-10	0	0.0-4.0	0-12
Bluewing	0-7	1.0-7.0	---	6.6 - 9.0	0-5	0	0.0-2.0	0-5
	7-60	1.0-7.0	---	6.6 - 9.0	5-10	0	0.0-4.0	0-5
1581:								
Trocken	0-3	3.0-10	---	6.6 - 9.6	1-5	0	0.0-2.0	0-12
	3-60	5.0-12	---	6.6 - 9.6	5-10	0-1	2.0-4.0	1-12
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Hawsley	0-8	1.0-5.0	---	6.6 - 8.4	0	0	0.0	0
	8-42	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	42-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
1590:								
Typic Torriorthents	0-5	0.0-8.0	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	5-60	1.0-8.0	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
Ragtown	0-10	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	5-12
	10-23	15-30	---	8.5 - 9.6	1-10	0	16.0-32.0	13-45
	23-60	20-40	---	8.5 - 9.6	1-10	0-2	16.0-32.0	31-90
1600:								
Dithod	0-10	15-24	---	7.4 - 8.4	0	0	0.0-4.0	1-12
	10-40	13-21	---	6.6 - 8.4	0-1	0	0.0-4.0	1-12
	40-60	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	1-12
1601:								
Dithod	0-10	15-24	---	7.4 - 8.4	0	0	0.0-4.0	1-12
	10-40	13-21	---	6.6 - 8.4	0-1	0	0.0-4.0	1-12
	40-60	6.0-13	---	6.6 - 8.4	0-1	0	0.0-2.0	1-12
Fluvaquents	0-6	2.0-8.0	---	7.4 - 8.4	0-2	0	0.0-2.0	0-5
	6-60	5.0-20	---	7.4 - 8.4	0-2	0	0.0-2.0	0-5
1620:								
Mazuma	0-8	6.0-10	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45

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

Washoe County, Nevada, Central 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	
1620:								
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Hawsley	0-8	3.0-10	---	6.6 - 8.4	0	0	0.0	0
	8-42	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	1-5
	42-60	1.0-5.0	---	7.4 - 9.0	1-5	0	0.0-2.0	2-9
1621:								
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Mazuma	0-8	6.0-10	---	7.9 - 9.0	1-5	0	0.0-4.0	5-12
	8-40	3.0-10	---	7.9 - 9.0	1-5	0-1	4.0-16.0	13-30
	40-60	21-28	---	8.5 - 9.0	1-10	0-1	4.0-16.0	13-45
1630:								
Veta	0-6	5.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	6-18	4.0-10	---	6.6 - 8.4	0-1	0	0.0-2.0	0
	18-60	1.0-12	---	6.6 - 8.4	1-5	0	0.0-2.0	0
Mazuma	0-8	5.0-8.0	---	7.9 - 9.6	1-5	0	0.0-4.0	1-5
	8-60	3.0-9.0	---	7.9 - 9.6	1-10	0	4.0-16.0	13-45
Mazuma	0-8	3.0-9.0	---	8.5 - 9.6	1-5	0	8.0-32.0	13-45
	8-30	3.0-9.0	---	8.5 - 9.6	5-10	0-1	8.0-32.0	13-30
	30-60	3.0-9.0	---	7.9 - 9.6	5-10	0-1	2.0-32.0	13-30
W:								
Water	---	---	---	---	---	---	---	---