

Table J2. - Chemical Properties of the Soils

Meadow Valley Area, Nevada And Utah

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	
ACC:								
Acana	0-3	10-20	---	7.4 - 7.8	0	0	0.0-2.0	0
	3-10	15-25	---	8.5 - 9.0	5-10	0	0.0-2.0	0
	10-17	10-15	---	8.5 - 9.6	25-35	0	0.0-2.0	0
	17-24	---	---	---	---	---	---	---
	24-60	10-15	---	8.5 - 9.6	1-5	0	0.0-2.0	13-30
AE:								
Acana	0-3	10-20	---	7.4 - 7.8	0	0	0.0-2.0	0
	3-10	15-25	---	8.5 - 9.0	5-10	0	0.0-2.0	0
	10-17	10-15	---	8.5 - 9.6	25-35	0	0.0-2.0	0
	17-24	---	---	---	---	---	---	---
	24-60	10-15	---	8.5 - 9.6	1-5	0	0.0-2.0	13-30
Ursine	0-2	5.0-20	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.0	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.0	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
AGD:								
Acoma	0-4	7.0-15	---	6.6 - 7.3	0	0	0.0	0
	4-30	30-40	---	6.6 - 7.8	0	0	0.0	0
	30-60	15-25	---	7.4 - 8.4	1-5	0	0.0-2.0	0-5
AL:								
Alluvial Land	---	---	---	---	---	---	---	---
ANC:								
Aned	0-4	9.0-12	---	6.6 - 7.3	0	0	0.0	0
	4-18	20-27	---	6.6 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
BA:								
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
BB:								
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
Bit	0-2	5.0-15	---	7.9 - 9.0	10-20	0	0.0-2.0	0-5
	2-24	7.0-15	---	8.5 - 9.6	10-20	0	0.0-2.0	0-5
	24-34	4.0-10	---	9.1 - 11.0	40-60	0	0.0-4.0	0-12
	34-46	---	---	---	---	---	---	---
	46-69	1.0-10	---	8.5 - 9.0	10-20	0	2.0-4.0	1-12

BD2:

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
BD2:								
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
Buster	0-3	0.0-6.0	---	6.6 - 7.3	0	0	0.0	0
	3-22	18-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0-5
	22-32	5.0-10	---	7.9 - 9.0	15-25	0	0.0-4.0	0-5
	32-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
Holsine	0-2	5.0-15	---	7.9 - 8.4	5-15	0	0.0-2.0	0-5
	2-12	3.0-12	---	7.9 - 8.4	15-40	0	0.0-2.0	0-5
	12-60	3.0-15	---	7.9 - 9.0	10-30	0	0.0-4.0	0-5
BKF:								
Basket	0-4	5.0-10	---	6.6 - 7.3	0	0	0.0	0
	4-17	13-20	---	6.6 - 7.3	0	0	0.0	0
	17-27	8.0-15	---	6.6 - 7.3	0	0	0.0	0
	27-60	0.0-7.0	---	8.5 - 9.0	0	0	0.0-2.0	0-5
BL:								
Basket	0-4	5.0-10	---	6.6 - 7.3	0	0	0.0	0
	4-17	13-20	---	6.6 - 7.3	0	0	0.0	0
	17-27	8.0-15	---	6.6 - 7.3	0	0	0.0	0
	27-60	0.0-7.0	---	8.5 - 9.0	0	0	0.0-2.0	0-5
Lize	0-7	10-25	---	6.6 - 7.3	0	0	0.0	0
	7-35	20-35	---	6.6 - 7.3	0	0	0.0	0
	35-60	5.0-15	---	7.4 - 8.4	1-15	0	0.0-2.0	0-5
Satt	0-2	10-20	---	6.6 - 7.3	0	0	0.0	0
	2-7	20-30	---	6.6 - 7.3	0	0	0.0	0
	7-25	20-30	---	6.6 - 7.3	0-1	0	0.0	0
	25-60	---	---	---	---	---	---	---
Bm:								
Bicondoa	0-9	12-20	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	9-60	30-44	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Bn:								
Bicondoa	0-11	22-35	---	7.4 - 8.4	1-5	0	0.0-2.0	0
	11-60	30-44	---	7.4 - 8.4	0-5	0	0.0-2.0	0
Bo:								
Bicondoa	0-11	22-35	---	7.9 - 8.4	1-5	0	0.0	0
	11-62	21-34	---	7.4 - 8.4	0-5	0	0.0	0
Bicondoa	0-10	40-60	---	7.4 - 8.4	1-5	0	0.0	0
	10-60	30-44	---	7.4 - 8.4	0-5	0	0.0	0

Table J2. - Chemical Properties of the Soils - Continued

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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	
BR:								
Buster	0-3	4.0-10	---	6.6 - 7.3	0	0	0.0	0
	3-22	18-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0-5
	22-32	5.0-10	---	7.9 - 9.0	15-25	0	0.0-4.0	0-5
	32-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
Rough Broken Land	---	---	---	---	---	---	---	---
CAC:								
Cath	0-3	10-20	---	6.6 - 8.4	0	0	0.0-2.0	0-5
	3-20	15-30	---	7.4 - 8.4	0	0	0.0-2.0	1-5
	20-26	15-25	---	7.9 - 9.0	10-15	0	0.0-2.0	1-5
	26-60	5.0-15	---	8.5 - 9.0	10-20	0	0.0-4.0	1-5
CD:								
Cedaran	0-3	15-25	---	6.6 - 7.3	0	0	0.0	0
	3-18	15-25	---	6.6 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Decan	0-3	30-35	---	6.1 - 7.3	0	0	0.0	0
	3-17	30-35	---	6.1 - 7.3	0	0	0.0	0
	17-23	20-25	---	7.4 - 9.0	1-10	0	0.0-2.0	0-1
	23-27	---	---	---	---	---	---	---
CE:								
Cedaran	0-3	15-25	---	6.6 - 7.3	0	0	0.0	0
	3-18	15-25	---	6.6 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
CG:								
Cliffdown	0-2	5.0-10	---	7.9 - 9.0	15-30	0	0.0-2.0	0-5
	2-60	5.0-10	---	7.9 - 9.0	15-30	0	0.0-8.0	1-12
Geer	0-14	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	14-60	4.0-15	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
DA:								
Decan	0-3	30-35	---	6.1 - 7.3	0	0	0.0	0
	3-17	30-35	---	6.1 - 7.3	0	0	0.0	0
	17-23	20-25	---	7.4 - 9.0	1-10	0	0.0-2.0	0-1
	23-27	---	---	---	---	---	---	---
Decan	0-3	30-35	---	6.1 - 7.3	0	0	0.0	0
	3-17	30-35	---	6.1 - 7.3	0	0	0.0	0
	17-23	20-25	---	7.4 - 9.0	1-10	0	0.0-2.0	0-1
	23-27	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
DA:								
Uana	0-3	20-30	---	6.6 - 7.3	0	0	0.0	0
	3-12	30-40	---	6.6 - 7.3	0	0	0.0	0
	12-27	25-35	---	7.9 - 9.0	20-40	0	0.0-2.0	0-1
	27-38	---	---	---	---	---	---	---
	38-60	5.0-10	---	7.4 - 7.8	0-10	0	0.0	0
DCC:								
Decathon	0-4	10-20	---	6.6 - 7.8	0	0	0.0	0
	4-20	15-25	---	7.4 - 9.0	0-5	0	0.0-2.0	0-5
	20-27	5.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-5
	27-38	---	---	---	---	---	---	---
	38-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-4.0	0-12
DED:								
Decathon	0-4	10-20	---	6.6 - 7.8	0	0	0.0	0
	4-20	15-25	---	7.4 - 9.0	0-5	0	0.0-2.0	0-5
	20-27	5.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-5
	27-38	---	---	---	---	---	---	---
	38-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-4.0	0-12
Basket								
	0-4	5.0-10	---	6.6 - 7.3	0	0	0.0	0
	4-17	13-20	---	6.6 - 7.3	0	0	0.0	0
	17-27	8.0-15	---	6.6 - 7.3	0	0	0.0	0
	27-60	0.0-7.0	---	8.5 - 9.0	0	0	0.0-2.0	0-5
DEE:								
Basket	0-4	5.0-10	---	6.6 - 7.3	0	0	0.0	0
	4-17	13-20	---	6.6 - 7.3	0	0	0.0	0
	17-27	8.0-15	---	6.6 - 7.3	0	0	0.0	0
	27-60	0.0-7.0	---	8.5 - 9.0	0	0	0.0-2.0	0-5
Decathon								
	0-4	10-20	---	6.6 - 7.8	0	0	0.0	0
	4-20	15-25	---	7.4 - 9.0	0-5	0	0.0-2.0	0-5
	20-27	5.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-5
	27-38	---	---	---	---	---	---	---
	38-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-4.0	0-12
DG:								
Deerlodge	0-3	5.0-15	---	6.6 - 7.8	0	0	0.0	0
	3-14	15-20	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	14-23	15-20	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	23-27	---	---	---	---	---	---	---
Deerlodge								
	0-3	7.0-20	---	6.6 - 7.8	0	0	0.0	0
	3-14	15-20	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	14-23	15-20	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	23-27	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

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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	
DH:								
Deerlodge	0-3	5.0-15	---	6.6 - 7.8	0	0	0.0	0
	3-14	15-20	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	14-23	15-20	---	7.9 - 9.0	1-10	0	0.0-2.0	0-5
	23-27	---	---	---	---	---	---	---
Ursine								
	0-2	5.0-20	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.0	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.0	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
DMD:								
Denmark	0-3	10-20	---	7.9 - 9.0	20-40	0	0.0-2.0	0-1
	3-20	10-20	---	7.9 - 9.0	40-60	0	0.0-2.0	0-1
	20-24	---	---	---	---	---	---	---
DN:								
Denmark	0-8	10-20	---	7.9 - 9.0	20-40	0	0.0-2.0	0-1
	8-18	10-20	---	7.9 - 9.0	40-60	0	0.0-2.0	0-1
	18-22	---	---	---	---	---	---	---
Linco								
	0-8	5.0-15	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	8-25	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
	25-60	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
FAC:								
Fanu	0-9	15-25	---	7.9 - 8.4	0-5	0	0.0-2.0	0-1
	9-21	20-25	---	7.9 - 8.4	5-15	0	0.0-2.0	0-5
	21-60	15-25	---	7.9 - 9.0	10-30	0	0.0-2.0	0-5
GE:								
Geer	0-9	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	9-21	5.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	0-5
	21-60	5.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	0-5
Gf:								
Geer	0-14	7.0-15	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	14-60	4.0-15	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
Gg:								
Geer	0-14	7.0-15	---	7.9 - 9.6	1-10	0	4.0-8.0	5-12
	14-60	5.0-15	---	7.9 - 9.6	5-15	0	0.0-16.0	0-12
Gh:								
Geer	0-14	7.0-15	---	7.9 - 9.0	1-10	0	16.0-32.0	13-60
	14-60	5.0-15	---	7.9 - 9.0	5-15	0	16.0-32.0	13-60
Geer	---	---	---	---	---	---	---	---

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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	
Gk:								
Geer, wet	0-4	3.0-15	---	7.9 - 9.0	5-15	0	4.0-8.0	5-13
	4-29	3.0-13	---	7.9 - 9.0	5-15	0	4.0-16.0	13-30
	29-37	3.0-13	---	7.9 - 9.0	5-15	0	4.0-16.0	13-30
	37-60	3.0-13	---	7.9 - 9.0	5-15	0	4.0-8.0	5-13
Geer Variant,wet	---	---	---	---	---	---	---	---
GM:								
Geer	0-14	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	14-60	4.0-15	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
Heist	0-12	10-14	---	6.6 - 8.4	10-20	0	0.0-4.0	0-2
	12-42	8.0-12	---	7.4 - 8.4	10-20	0	0.0-4.0	0-5
	42-60	0.0-8.0	---	7.4 - 9.0	10-20	0	0.0-4.0	0-5
HA:								
Hamtah	0-10	25-35	---	6.6 - 7.3	0	0	0.0	0
	10-21	25-35	---	6.6 - 7.3	0	0	0.0	0
	21-33	25-30	---	6.6 - 7.3	0	0	0.0	0
	33-41	20-25	---	6.6 - 7.3	0	0	0.0	0
	41-60	15-20	---	6.6 - 7.3	0	0	0.0	0
Tica	0-5	20-35	---	6.1 - 7.3	0	0	0.0	0
	5-13	25-45	---	6.1 - 7.3	0	0	0.0	0
	13-18	25-35	---	6.1 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
HC:								
Hamtah	0-10	25-35	---	6.6 - 7.3	0	0	0.0	0
	10-21	25-35	---	6.6 - 7.3	0	0	0.0	0
	21-33	25-30	---	6.6 - 7.3	0	0	0.0	0
	33-41	20-25	---	6.6 - 7.3	0	0	0.0	0
	41-60	15-20	---	6.6 - 7.3	0	0	0.0	0
Udel	0-5	15-25	---	6.1 - 7.3	0	0	0.0	0
	5-9	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
HDC:								
Heist	0-4	10-14	---	6.6 - 8.4	10-20	0	0.0-4.0	0-2
	4-60	8.0-12	---	7.4 - 8.4	10-20	0	0.0-4.0	0-5
HEC:								

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	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
HEC:								
Heist	0-4	10-14	---	6.6 - 8.4	10-20	0	0.0-4.0	0-2
	4-35	8.0-12	---	7.4 - 8.4	10-20	0	0.0-4.0	0-5
	35-60	0.0-8.0	---	7.4 - 9.0	10-20	0	0.0-4.0	0-5
HN:								
Holsine	0-2	5.0-15	---	7.9 - 8.4	5-15	0	0.0-2.0	0-5
	2-12	3.0-12	---	7.9 - 8.4	15-40	0	0.0-2.0	0-5
	12-60	3.0-15	---	7.9 - 9.0	10-30	0	0.0-4.0	0-5
Usine	0-4	5.0-15	---	7.9 - 8.4	5-15	0	0.0	0
	4-9	3.0-12	---	7.9 - 8.4	5-15	0	0.0	0
	9-60	0.0-7.0	---	8.5 - 9.0	5-15	0	0.0-2.0	0-5
Buster	0-3	0.0-6.0	---	6.6 - 7.3	0	0	0.0	0
	3-22	18-25	---	6.6 - 8.4	0-5	0	0.0-2.0	0-5
	22-32	5.0-10	---	7.9 - 9.0	15-25	0	0.0-4.0	0-5
	32-60	0.0-5.0	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
HOC:								
Holtle	0-13	6.0-18	---	6.6 - 7.8	0	0	0.0	0
	13-28	6.0-12	---	6.6 - 7.8	0-1	0	0.0	0
	28-60	6.0-11	---	7.9 - 9.0	0-1	0	0.0-4.0	0
HR:								
Holtle	0-13	6.0-18	---	6.6 - 7.8	0	0	0.0	0
	13-28	6.0-12	---	6.6 - 7.8	0-1	0	0.0	0
	28-60	6.0-11	---	7.9 - 9.0	0-1	0	0.0-4.0	0
Four Star	0-6	12-24	---	6.6 - 7.3	0	0	0.0	0
	6-28	7.0-22	---	6.6 - 7.3	0	0	0.0	0
	28-60	7.0-18	---	6.6 - 7.3	0	0	0.0	0
HSC:								
Homestake	0-6	10-20	---	6.6 - 7.3	0-1	0	0.0	0
	6-20	25-35	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	20-41	20-30	---	8.5 - 9.0	0-10	0	0.0-4.0	0-5
	41-60	2.0-7.0	---	8.5 - 9.0	0-5	0	0.0-4.0	0-5
HTC:								
Homestake	0-6	10-20	---	6.6 - 7.3	0-1	0	0.0	0
	6-20	25-35	---	6.6 - 8.4	0-10	0	0.0-2.0	0-5
	20-41	20-30	---	8.5 - 9.0	0-10	0	0.0-4.0	0-5
	41-60	2.0-7.0	---	8.5 - 9.0	0-5	0	0.0-4.0	0-5
IND:								
Itca	0-2	21-31	---	6.6 - 7.8	0	0	0.0	0
	2-14	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
IND:								
IO:								
Itca	0-2	11-25	---	6.6 - 7.8	0	0	0.0	0
	2-14	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Cedaran	0-3	15-25	---	6.6 - 7.3	0	0	0.0	0
	3-18	15-25	---	6.6 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
IR:								
Itca	0-2	11-25	---	6.6 - 7.8	0	0	0.0	0
	2-14	23-38	---	6.6 - 8.4	0	0	0.0-2.0	0
	14-18	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
JCD:								
Jarab	0-5	10-25	---	7.4 - 9.0	5-15	0	0.0-2.0	0-5
	5-10	15-35	---	7.4 - 9.0	5-15	0	0.0-2.0	0-5
	10-14	---	---	---	---	---	---	---
KO:								
Kyler	0-3	5.0-15	---	7.9 - 9.0	30-40	0	0.0-2.0	0-5
	3-7	5.0-15	---	7.9 - 9.0	30-40	0	0.0-2.0	0-5
	7-11	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
KR:								
Kyler	0-3	7.0-10	---	7.9 - 9.0	30-40	0	0.0-2.0	0
	3-7	6.0-15	---	7.9 - 9.0	30-40	0	0.0-2.0	0
	7-11	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
Kyler Variant	0-11	7.0-15	---	7.9 - 9.0	30-40	0	0.0-2.0	0-5
	11-34	10-20	---	8.5 - 9.0	30-40	0	0.0-2.0	0-5
	34-43	10-20	---	8.5 - 9.0	30-40	0	0.0-2.0	0-5
	43-47	---	---	---	---	---	---	---

LAB:

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
LAB:								
Lien	0-3	10-25	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	3-8	5.0-20	---	7.9 - 9.0	5-20	0	0.0-8.0	1-5
	8-24	---	---	---	---	---	---	---
	24-60	---	---	---	---	---	---	---
LC:								
Linco	0-8	5.0-15	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	8-25	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
	25-60	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
Acana	0-3	10-20	---	7.4 - 7.8	0	0	0.0-2.0	0
	3-10	15-25	---	8.5 - 9.0	5-10	0	0.0-2.0	0
	10-17	10-15	---	8.5 - 9.6	25-35	0	0.0-2.0	0
	17-24	---	---	---	---	---	---	---
	24-60	10-15	---	8.5 - 9.6	1-5	0	0.0-2.0	13-30
LD:								
Linco	0-8	5.0-15	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	8-25	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
	25-60	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
Linco	0-8	5.0-15	---	7.9 - 9.0	0-5	0	0.0-2.0	0-5
	8-25	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
	25-60	5.0-15	---	8.5 - 9.0	5-15	0	0.0-4.0	0-12
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
LE:								
Lize	0-7	10-25	---	6.6 - 7.3	0	0	0.0	0
	7-35	20-35	---	6.6 - 7.3	0	0	0.0	0
	35-60	5.0-15	---	7.4 - 8.4	1-15	0	0.0-2.0	0-5
Lize	0-7	10-25	---	6.6 - 7.3	0	0	0.0	0
	7-35	20-35	---	6.6 - 7.3	0	0	0.0	0
	35-60	5.0-15	---	7.4 - 8.4	1-15	0	0.0-2.0	0-5
LT:								
Lize	0-7	10-25	---	6.6 - 7.3	0	0	0.0	0
	7-35	20-35	---	6.6 - 7.3	0	0	0.0	0
	35-60	5.0-15	---	7.4 - 8.4	1-15	0	0.0-2.0	0-5
Tica	0-5	20-35	---	6.1 - 7.3	0	0	0.0	0
	5-13	25-45	---	6.1 - 7.3	0	0	0.0	0
	13-18	25-35	---	6.1 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
MU:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
MU:								
Met	0-4	3.0-8.0	---	7.9 - 9.6	10-30	0	0.0-4.0	5-12
	4-31	3.0-8.0	---	7.9 - 9.6	40-55	0	4.0-8.0	5-12
	31-37	3.0-8.0	---	7.9 - 9.6	40-55	0	4.0-16.0	5-12
	37-60	---	---	---	---	---	---	---
	60-69	0.0-2.0	---	7.9 - 9.6	24-40	0-1	8.0-16.0	13-30
Ursine	0-2	5.0-20	---	7.9 - 9.6	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.6	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.6	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
MVC:								
Minu	0-3	8.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	3-13	15-25	---	6.6 - 8.4	5-15	0	0.0-2.0	0-5
	13-22	---	---	---	---	---	---	---
	22-60	1.0-5.0	---	7.9 - 9.6	1-10	0	2.0-8.0	0-12
MWC:								
Minu	0-3	8.0-15	---	6.6 - 8.4	0-1	0	0.0-2.0	0-5
	3-13	15-25	---	6.6 - 8.4	5-15	0	0.0-2.0	0-5
	13-22	---	---	---	---	---	---	---
	22-60	1.0-5.0	---	7.9 - 9.6	1-10	0	2.0-8.0	0-12
NR:								
Nevtah	0-11	15-25	---	6.1 - 7.3	0	0	0.0	0
	11-25	10-20	---	6.6 - 7.3	0	0	0.0	0
	25-30	---	---	---	---	---	---	---
	30-34	---	---	---	---	---	---	---
Nevtah	0-11	15-25	---	6.1 - 7.3	0	0	0.0	0
	11-25	10-20	---	6.6 - 7.3	0	0	0.0	0
	25-30	---	---	---	---	---	---	---
	30-34	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
NSD:								
Nevu	0-11	10-20	---	6.6 - 8.4	0-1	0	0.0	0
	11-21	15-25	---	7.9 - 8.4	0-10	0	0.0-2.0	0-5
	21-36	---	---	---	---	---	---	---
	36-60	3.0-10	---	7.9 - 8.4	5-10	0	0.0-4.0	0-5
Pa:								
Pahrnagat	0-15	20-30	---	7.9 - 9.0	5-15	0	16.0-32.0	13-30
	15-60	15-25	---	7.9 - 9.0	5-15	0	4.0-8.0	5-12
Pd:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
Pd:								
Pahrnagat	0-15	20-30	---	7.9 - 9.0	5-15	0	16.0-32.0	13-99
	15-60	15-25	---	7.9 - 9.0	5-15	0	4.0-8.0	5-12
Pe:								
Pahrnagat	0-15	25-35	---	7.9 - 9.0	5-15	0	2.0-4.0	5-12
	15-60	15-25	---	7.9 - 9.0	5-15	0	2.0-4.0	5-12
Pahrnagat	---	---	---	---	---	---	---	---
Pg:								
Pahrnagat	0-15	30-40	---	7.9 - 9.0	5-15	0	4.0-8.0	5-12
	15-60	15-25	---	7.9 - 9.0	5-15	0	2.0-8.0	1-12
PMC:								
Pamsdel	0-4	15-25	---	7.9 - 8.4	40-60	0	0.0-2.0	0-5
	4-15	15-25	---	8.5 - 9.0	60-80	0	0.0-2.0	0-5
	15-21	15-25	---	8.5 - 9.0	60-80	0	0.0-2.0	0-5
	21-25	---	---	---	---	---	---	---
PN:								
Patter	0-5	10-18	---	7.9 - 8.4	1-5	0	0.0-4.0	0-5
	5-16	7.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-5
	16-60	7.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-12
Geer	0-14	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	14-60	4.0-15	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
PO:								
Patter	0-5	30-35	---	8.5 - 9.0	1-5	0	16.0-32.0	13-30
	5-16	7.0-15	---	7.9 - 9.0	5-15	0	4.0-8.0	5-12
	16-60	7.0-15	---	7.9 - 9.0	5-15	0	2.0-4.0	5-12
Heist	0-4	10-14	---	6.6 - 8.4	10-20	0	0.0-4.0	0-2
	4-30	8.0-12	---	7.4 - 8.4	10-20	0	0.0-4.0	0-5
	30-60	0.0-8.0	---	7.4 - 9.0	10-20	0	0.0-4.0	0-5
Geer	0-14	5.0-10	---	7.9 - 8.4	1-10	0	0.0-2.0	0-5
	14-60	4.0-15	---	7.9 - 9.0	5-15	0	0.0-2.0	0-5
PR:								
Patter	0-5	10-18	---	7.9 - 8.4	1-5	0	0.0-4.0	0-5
	5-16	7.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-5
	16-60	7.0-15	---	7.9 - 9.0	5-15	0	0.0-4.0	0-12
Shroe	0-10	15-30	---	6.6 - 7.3	0	0	0.0	0
	10-16	25-40	---	6.6 - 7.3	0	0	0.0	0
	16-40	15-30	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-20	---	6.6 - 7.3	0	0	0.0	0

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
PR:								
PS:								
Pioche	0-1	10-20	---	6.6 - 7.8	0	0	0.0	0
	1-11	25-35	---	6.6 - 7.8	0	0	0.0	0
	11-15	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
PTB:								
Poorma	0-3	10-15	---	7.9 - 8.4	1-10	0	0.0	0
	3-17	7.0-15	---	7.9 - 9.0	1-10	0	0.0	0
	17-60	7.0-15	---	7.9 - 9.0	1-10	0	0.0-4.0	0-5
PV:								
Poorma Variant	0-6	10-25	---	7.9 - 9.0	5-15	0	16.0-32.0	13-60
	6-60	30-40	---	9.1 - 9.6	5-15	0	8.0-32.0	13-60
RO:								
Rockland	---	---	---	---	---	---	---	---
RRD:								
Royal	0-2	10-20	---	6.6 - 7.8	0-5	0	0.0	0
	2-14	15-25	---	7.4 - 9.0	0-10	0	0.0-4.0	0-5
	14-32	---	---	---	---	---	---	---
	32-60	0.0-5.0	---	8.5 - 9.0	5-10	0	0.0-4.0	0-5
RV:								
Royal	0-2	10-20	---	6.6 - 7.8	0-5	0	0.0	0
	2-14	15-25	---	7.4 - 9.0	0-10	0	0.0-4.0	0-5
	14-32	---	---	---	---	---	---	---
	32-60	0.0-5.0	---	8.5 - 9.0	5-10	0	0.0-4.0	0-5
Acana	0-3	10-20	---	7.4 - 7.8	0	0	0.0-2.0	0
	3-10	15-25	---	8.5 - 9.0	5-10	0	0.0-2.0	0
	10-17	10-15	---	8.5 - 9.6	25-35	0	0.0-2.0	0
	17-24	---	---	---	---	---	---	---
	24-60	10-15	---	8.5 - 9.6	1-5	0	0.0-2.0	13-30
SAD2:								
Satt	0-2	10-20	---	6.6 - 7.3	0	0	0.0	0
	2-7	20-30	---	6.6 - 7.3	0	0	0.0	0
	7-25	20-30	---	6.6 - 7.3	0-1	0	0.0	0
	25-60	---	---	---	---	---	---	---
SCC2:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
SCC2:								
Satt	0-2	10-20	---	6.6 - 7.3	0	0	0.0	0
	2-7	20-30	---	6.6 - 7.3	0	0	0.0	0
	7-25	20-30	---	6.6 - 7.3	0-1	0	0.0	0
	25-60	---	---	---	---	---	---	---
SD:								
Satt	0-2	10-20	---	6.6 - 7.3	0	0	0.0	0
	2-7	20-30	---	6.6 - 7.3	0	0	0.0	0
	7-25	20-30	---	6.6 - 7.3	0-1	0	0.0	0
	25-60	---	---	---	---	---	---	---
Satt	0-2	10-20	---	6.6 - 7.3	0	0	0.0	0
	2-7	20-30	---	6.6 - 7.3	0	0	0.0	0
	7-25	20-30	---	6.6 - 7.3	0-1	0	0.0	0
	25-60	---	---	---	---	---	---	---
SEF:								
Seval	0-3	5.0-15	---	6.6 - 7.3	0	0	0.0	0
	3-6	25-35	---	6.6 - 7.3	0	0	0.0	0
	6-14	30-40	---	6.6 - 8.4	0	0	0.0	0
	14-23	3.0-15	---	7.9 - 9.0	5-10	0	0.0-2.0	0-5
	23-27	---	---	---	---	---	---	---
	27-60	3.0-7.0	---	7.9 - 8.4	1-5	0	0.0-2.0	0-5
SGD:								
Shroe	0-10	15-30	---	6.6 - 7.3	0	0	0.0	0
	10-16	25-40	---	6.6 - 7.3	0	0	0.0	0
	16-40	15-30	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-20	---	6.6 - 7.3	0	0	0.0	0
SH:								
Shroe	0-10	20-35	---	6.6 - 7.3	0	0	0.0	0
	10-16	25-40	---	6.6 - 7.3	0	0	0.0	0
	16-40	15-30	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-20	---	6.6 - 7.3	0	0	0.0	0
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
Shroe	0-10	15-30	---	6.6 - 7.3	0	0	0.0	0
	10-16	25-40	---	6.6 - 7.3	0	0	0.0	0
	16-40	15-30	---	6.6 - 7.3	0	0	0.0	0
	40-60	10-20	---	6.6 - 7.3	0	0	0.0	0
SKC:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
SKC:								
Sierocloff	0-3	15-20	---	7.9 - 9.0	10-20	0	0.0-2.0	0-5
	3-11	15-20	---	7.9 - 9.0	60-80	0	0.0-2.0	0-5
	11-26	15-20	---	7.9 - 9.0	60-80	0	0.0-2.0	0-5
	26-60	---	---	---	---	---	---	---
SL:								
Slickens	0-10	---	---	2.0 - 11.0	---	---	0.0-32.0	---
	10-30	---	---	2.0 - 11.0	---	---	0.0-32.0	---
	30-60	---	---	---	---	---	---	---
ST:								
Stampede	0-7	10-20	---	6.6 - 7.3	0	0	0.0	0
	7-29	30-45	---	7.4 - 8.4	0-5	0	0.0	0
	29-34	8.0-15	---	7.9 - 8.4	5-10	0	0.0	0
	34-60	---	---	---	---	---	---	---
SWC:								
Swisbob	0-8	5.0-20	---	6.6 - 7.3	0	0	0.0	0
	8-24	20-50	---	6.6 - 7.3	0	0	0.0	0
	24-30	15-30	---	7.9 - 9.0	5-15	0	0.0	0
	30-54	---	---	---	---	---	---	---
	54-60	0.0-10	---	7.9 - 9.0	5-15	0	0.0-2.0	0-1
TN:								
Nevtah	0-11	15-25	---	6.1 - 7.3	0	0	0.0	0
	11-25	10-20	---	6.6 - 7.3	0	0	0.0	0
	25-30	---	---	---	---	---	---	---
	30-34	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
Tica	0-5	20-35	---	6.1 - 7.3	0	0	0.0	0
	5-13	25-45	---	6.1 - 7.3	0	0	0.0	0
	13-18	25-35	---	6.1 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
TR:								
Tica	0-5	20-35	---	6.1 - 7.3	0	0	0.0	0
	5-13	25-45	---	6.1 - 7.3	0	0	0.0	0
	13-18	25-35	---	6.1 - 7.3	0	0	0.0	0
	18-22	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
TTB:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
TTB:								
Timpahute	0-3	20-30	---	6.6 - 9.0	0	0	0.0	0
	3-10	20-30	---	6.6 - 9.0	0	0	0.0	0
	10-25	25-35	---	7.9 - 9.0	0-5	0	0.0-4.0	13-30
	25-42	---	---	---	---	---	---	---
	42-60	0.0-5.0	---	7.9 - 9.0	1-10	0	2.0-4.0	13-30
UK:								
Udel	0-5	15-25	---	6.1 - 7.3	0	0	0.0	0
	5-9	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
UMB:								
Umil	0-2	8.0-13	---	7.9 - 8.4	1-5	0	0.0-2.0	0
	2-11	11-17	---	7.9 - 9.0	5-10	0	0.0-2.0	1-5
	11-38	---	---	---	---	---	---	---
	38-60	2.0-5.0	---	7.9 - 9.0	1-10	0	2.0-8.0	1-12
URD:								
Ursine	0-2	5.0-20	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.0	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.0	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
URE:								
Ursine	0-2	5.0-20	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.0	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.0	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
US:								
Ursine	0-2	5.0-20	---	7.9 - 9.0	5-20	0	0.0-4.0	1-5
	2-8	5.0-15	---	7.9 - 9.0	20-40	0	0.0-4.0	1-5
	8-16	5.0-15	---	7.9 - 9.0	20-40	0	0.0-8.0	1-5
	16-20	---	---	---	---	---	---	---
Badland	0-2	15-60	---	7.4 - 9.6	1-40	0-5	0.0-32.0	0-99
	2-60	---	---	---	---	---	---	---
UT:								
Urtah	0-13	10-17	---	7.9 - 8.4	40-50	0	0.0	0
	13-30	6.0-11	---	7.9 - 8.4	40-50	0	0.0	0
	30-34	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
UWD:								

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
UWD:								
Urwil	0-2	10-20	---	6.1 - 7.3	0	0	0.0	0
	2-8	25-35	---	6.1 - 7.3	0	0	0.0	0
	8-17	25-35	---	6.1 - 7.3	0	0	0.0	0
	17-60	25-35	---	6.1 - 7.3	0	0	0.0	0
VCC:								
Vicu	0-8	10-20	---	6.6 - 7.8	0	0	0.0	0
	8-29	30-35	---	6.6 - 7.8	0-5	0	0.0	0
	29-44	5.0-12	---	7.4 - 8.4	0-5	0	0.0-4.0	0-5
	44-48	---	---	---	---	---	---	---
VGC:								
Vil	0-7	10-20	---	7.4 - 7.8	0	0	0.0	0
	7-12	20-30	---	7.4 - 7.8	0-5	0	0.0	0
	12-17	15-25	---	8.5 - 9.0	0-5	0	0.0-2.0	0-5
	17-48	---	---	---	---	---	---	---
	48-60	2.0-5.0	---	8.5 - 9.0	0-5	0	0.0-4.0	0-5
WMF:								
Wilpar	0-5	10-25	---	6.1 - 7.3	0	0	0.0	0
	5-16	25-35	---	6.1 - 7.3	0	0	0.0	0
	16-43	25-35	---	6.1 - 7.3	0	0	0.0	0
	43-58	15-25	---	6.1 - 7.8	0	0	0.0	0
	58-60	---	---	---	---	---	---	---
WNG:								
Winu	0-2	20-25	---	5.6 - 7.3	0	0	0.0	0
	2-22	15-25	---	6.1 - 7.3	0	0	0.0	0
	22-38	15-20	---	5.1 - 7.3	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
WR:								
Winu	0-2	20-25	---	5.6 - 7.3	0	0	0.0	0
	2-22	15-25	---	6.1 - 7.3	0	0	0.0	0
	22-38	15-20	---	5.1 - 7.3	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Winu	0-2	20-25	---	5.6 - 7.3	0	0	0.0	0
	2-22	15-25	---	6.1 - 7.3	0	0	0.0	0
	22-38	15-20	---	5.1 - 7.3	0	0	0.0	0
	38-42	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---
WS:								
Winz	0-5	10-20	---	6.1 - 6.5	0	0	0.0	0
	5-23	7.0-15	---	6.1 - 6.5	0	0	0.0	0
	23-60	25-35	---	6.1 - 6.5	0	0	0.0	0

Table J2. - Chemical Properties of the Soils - Continued

Meadow Valley Area, Nevada And Utah

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	
WS:								
Winz	0-5	10-20	---	6.1 - 6.5	0	0	0.0	0
	5-23	7.0-15	---	6.1 - 6.5	0	0	0.0	0
	23-60	25-35	---	6.1 - 6.5	0	0	0.0	0
ZOF:								
Zoate	0-2	15-25	---	6.6 - 7.8	0-1	0	0.0	0
	2-13	25-35	---	7.4 - 7.8	0-1	0	0.0	0
	13-14	---	---	---	---	---	---	---
	14-18	---	---	---	---	---	---	---
ZR:								
Zoate	0-2	15-25	---	6.6 - 7.8	0-1	0	0.0	0
	2-13	25-35	---	7.4 - 7.8	0-1	0	0.0	0
	13-14	---	---	---	---	---	---	---
	14-18	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	
Zoate	0-2	15-25	---	6.6 - 7.8	0-1	0	0.0	0
	2-13	25-35	---	7.4 - 7.8	0-1	0	0.0	0
	13-14	---	---	---	---	---	---	---
	14-18	---	---	---	---	---	---	---