

Table K2. - Soil Features

Meadow Valley Area, Nevada And Utah

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
ACC:									
Acana	Duripan	10-20	0-3	---	0	---	Moderate	High	Low
AE:									
Acana	Duripan	10-20	0-3	---	0	---	Moderate	High	Low
Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
AGD:									
Acoma	---	---	---	---	0	---	Low	High	Low
AL:									
Alluvial Land	---	---	---	---	---	---	---	---	---
ANC:									
Aned	Duripan	14-20	4-17	---	0	---	Moderate	Moderate	Low
BA:									
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
BB:									
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
BB: Bit	Petrocalcic	26-36	0-3	---	0	---	Moderate	High	Low
BD2: Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
Buster	---	---	---	---	0	---	Moderate	High	Low
Holsine	---	---	---	---	0	---	Moderate	High	Low
BKF: Basket	---	---	---	---	0	---	Moderate	High	Low
BL: Basket	---	---	---	---	0	---	Moderate	High	Low
Lize	---	---	---	---	0	---	Moderate	High	Low
Satt	Duripan	20-30	4-17	---	0	---	Moderate	Moderate	Low
Bm: Bicondoa	---	---	---	---	0	---	High	High	Low
Bn:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
Bn:									
Bicondoa	---	---	---	---	0	---	High	High	Low
Bo:									
Bicondoa	---	---	---	---	0	---	High	High	Low
Bicondoa	---	---	---	---	0	---	High	High	Low
BR:									
Buster	---	---	---	---	0	---	Moderate	High	Low
Rough Broken Land	---	---	---	---	---	---	---	---	---
CAC:									
Cath	---	---	---	---	0	---	Moderate	High	Low
CD:									
Cedaran	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Decan	Duripan	20-40	4-17	---	0	---	Low	High	Low
CE:									
Cedaran	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
CE:									
Rock Outcrop	---	---	---	---	---	---	---	---	---
CG:									
Cliffdown	---	---	---	---	0	---	Low	High	High
Geer	---	---	---	---	0	---	Low	High	Low
DA:									
Decan	Duripan	20-40	4-17	---	0	---	Low	High	Low
Decan	Duripan	20-40	4-17	---	0	---	Low	High	Low
Uana	Duripan	21-30	0-3	---	0	---	Low	High	Low
DCC:									
Decathon	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
DED:									
Decathon	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
Basket	---	---	---	---	0	---	Moderate	High	Low
DEE:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
DEE:									
Basket	---	---	---	---	0	---	Moderate	High	Low
Decathon	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
DG:									
Deerlodge	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
Deerlodge	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
DH:									
Deerlodge	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
DMD:									
Denmark	Petrocalcic	10-20	0-3	---	0	---	Moderate	High	Moderate
DN:									
Denmark	Petrocalcic	10-20	0-3	---	0	---	Moderate	High	Moderate
Linco	---	---	---	---	0	---	Moderate	High	Low
FAC:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
FAC:									
Fanu	---	---	---	---	0	---	High	High	Moderate
GE:									
Geer	---	---	---	---	0	---	Low	High	Low
Gf:									
Geer	---	---	---	---	0	---	Low	High	Low
Gg:									
Geer	---	---	---	---	0	---	Moderate	High	Moderate
Gh:									
Geer	---	---	---	---	0	---	Moderate	High	Moderate
Geer	---	---	---	---	---	---	---	---	---
Gk:									
Geer, wet	---	---	---	---	0	---	High	High	Low
Geer Variant,wet	---	---	---	---	---	---	---	---	---
GM:									
Geer	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
GM:									
Heist	---	---	---	---	0	---	Moderate	High	Moderate
HA:									
Hamtah	---	---	---	---	0	---	Moderate	Moderate	Low
Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Rock Outcrop	---	---	---	---	---	---	---	---	---
HC:									
Hamtah	---	---	---	---	0	---	Moderate	Moderate	Low
Udel	Bedrock (lithic)	4-10	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
HDC:									
Heist	---	---	---	---	0	---	Moderate	High	Moderate
HEC:									
Heist	---	---	---	---	0	---	Moderate	High	Moderate
HN:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
HN: Holsine	---	---	---	---	0	---	Moderate	High	Low
Usine	---	---	---	---	0	---	Low	High	Low
Buster	---	---	---	---	0	---	Moderate	High	Low
HOC: Holtle	---	---	---	---	0	---	High	High	Low
HR: Holtle	---	---	---	---	0	---	High	High	Low
Four Star	---	---	---	---	0	---	High	High	Low
HSC: Homestake	---	---	---	---	0	---	Moderate	High	Low
HTC: Homestake	---	---	---	---	0	---	Moderate	High	Low
IND: Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
IO:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
IO:									
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Cedaran	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
IR:									
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
JCD:									
Jarab	Duripan	10-20	---	---	0	---	Moderate	High	Low
KO:									
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
KR:									
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
KR: Kyler Variant	Bedrock (lithic)	25-40	---	---	0	---	Moderate	High	Low
LAB: Lien	Duripan	6-14	4-17	---	0	---	Moderate	High	Low
LC: Linco	---	---	---	---	0	---	Moderate	High	Low
Acana	Duripan	10-20	0-3	---	0	---	Moderate	High	Low
LD: Linco	---	---	---	---	0	---	Moderate	High	Low
Linco	---	---	---	---	0	---	Moderate	High	Low
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
LE: Lize	---	---	---	---	0	---	Moderate	High	Low
Lize	---	---	---	---	0	---	Moderate	High	Low
LT:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
LT:									
Lize	---	---	---	---	0	---	Moderate	High	Low
Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
MU:									
Met	Duripan	28-40	---	---	0	---	Low	High	Low
Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
MVC:									
Minu	Duripan	12-18	4-17	---	0	---	Moderate	High	Moderate
MWC:									
Minu	Duripan	12-18	4-17	---	0	---	Moderate	High	Moderate
NR:									
Nevtah	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Nevtah	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

NSD:

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
NSD: Nevu	Duripan	20-27	4-17	---	0	---	Moderate	High	Low
Pa: Pahrnagat	---	---	---	---	0	---	High	High	High
Pd: Pahrnagat	---	---	---	---	0	---	High	High	High
Pe: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Pahrnagat	---	---	---	---	---	---	---	---	---
Pg: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
PMC: Pamsdel	Petrocalcic	20-26	4-17	---	0	---	Moderate	High	Low
PN: Patter	---	---	---	---	0	---	Moderate	High	Low
Geer	---	---	---	---	0	---	Low	High	Low

PO:

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
PO:									
Patter	---	---	---	---	0	---	Moderate	High	Moderate
Heist	---	---	---	---	0	---	Moderate	High	Moderate
Geer	---	---	---	---	0	---	Low	High	Low
PR:									
Patter	---	---	---	---	0	---	Moderate	High	Low
Shroe	---	---	---	---	0	---	Moderate	Moderate	Low
PS:									
Pioche	Bedrock (lithic)	6-15	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
PTB:									
Poorma	---	---	---	---	0	---	Moderate	High	Low
PV:									
Poorma Variant	---	---	---	---	0	---	High	High	High
RO:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
RO: Rockland	---	---	---	---	---	---	---	---	---
RRD: Roval	Duripan	10-20	4-17	---	0	---	Moderate	High	Low
RV: Roval	Duripan	10-20	4-17	---	0	---	Moderate	High	Low
Acana	Duripan	10-20	0-3	---	0	---	Moderate	High	Low
SAD2: Satt	Duripan	20-30	4-17	---	0	---	Moderate	Moderate	Low
SCC2: Satt	Duripan	20-30	4-17	---	0	---	Moderate	Moderate	Low
SD: Satt	Duripan	20-30	4-17	---	0	---	Moderate	Moderate	Low
Satt	Duripan	20-30	4-17	---	0	---	Moderate	Moderate	Low
SEF: Seval	Duripan	20-28	0-3	---	0	---	Low	High	Low

SGD:

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
SGD: Shroe	---	---	---	---	0	---	Moderate	Moderate	Low
SH: Shroe	---	---	---	---	0	---	Moderate	Moderate	Low
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
Shroe	---	---	---	---	0	---	Moderate	Moderate	Low
SKC: Sieroclipf	Petrocalcic	20-30	4-17	---	0	---	Moderate	High	Low
SL: Slickens	---	---	---	---	0	---	None	High	High
ST: Stampede	Duripan	30-40	4-17	---	0	---	Low	High	Low
SWC: Swisbob	Duripan	27-35	---	---	0	---	Moderate	High	Low
TN: Nevtah	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
TN: Rock Outcrop	---	---	---	---	---	---	---	---	---
Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
TR: Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Rock Outcrop	---	---	---	---	---	---	---	---	---
TTB: Timpahute	Duripan	20-30	4-17	---	0	---	Low	High	Low
UK: Udel	Bedrock (lithic)	4-10	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
UMB: Umil	Duripan	7-14	4-17	---	0	---	Moderate	High	Low
URD: Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
URE:									

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
URE: Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
US: Ursine	Duripan	14-20	4-17	Indurated	0	---	Moderate	High	Moderate
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
UT: Urtah	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
UWD: Urwil	---	---	---	---	0	---	Moderate	Moderate	Low
VCC: Vicv	Duripan	40-50	4-17	---	0	---	Low	High	Low
VGC: Vil	Duripan	15-20	4-17	---	0	---	High	High	Low
WMF: Wilpar	Bedrock (paralithic)	50-60	---	---	0	---	Moderate	Moderate	Low

WNG:

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
WNG: Winu	Bedrock (lithic)	24-40	---	---	0	---	Moderate	Moderate	Moderate
WR: Winu	Bedrock (lithic)	24-40	---	---	0	---	Moderate	Moderate	Moderate
Winu	Bedrock (lithic)	24-40	---	---	0	---	Moderate	Moderate	Moderate
Rock Outcrop	---	---	---	---	---	---	---	---	---
WS: Winz	---	---	---	---	0	---	Moderate	Moderate	Low
Winz	---	---	---	---	0	---	Moderate	Moderate	Low
ZOF: Zoate	Duripan	12-18	4-17	---	0	---	Low	Moderate	Low
	Bedrock (lithic)	13-20	---	---					
ZR: Zoate	Duripan	12-18	4-17	---	0	---	Low	Moderate	Low
	Bedrock (lithic)	13-20	---	---					

Table K2. - Soil Features - Continued

Meadow Valley Area, Nevada And Utah

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
ZR: Rock Outcrop	---	---	---	---	---	---	---	---	---
Zoate	Duripan	12-18	4-17	---	0	---	Low	Moderate	Low
	Bedrock (lithic)	13-20	---	---					