

Table K2. - Soil Features

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Ad: Alluvial Land	---	---	---	---	0	---	None	High	High
Af: Appian	---	---	---	---	0	---	Low	High	Low
Am: Appian	---	---	---	---	0	---	Low	High	Low
An: Appian	---	---	---	---	0	---	Low	High	Low
Ao: Appian	---	---	---	---	0	---	Low	High	Low
Ap: Appian	---	---	---	---	0	---	Low	High	Moderate
Appian	---	---	---	---	0	---	Low	High	Moderate
AR: Appian	---	---	---	---	0	---	Low	High	Moderate

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
AR: Isolde	---	---	---	---	0	---	Low	High	Low
AS: Isolde	---	---	---	---	0	---	Low	High	Low
Appian	---	---	---	---	0	---	Low	High	Moderate
Appian	---	---	---	---	0	---	Low	High	Moderate
AT: Appian	---	---	---	---	0	---	Low	High	Moderate
Playas	---	---	---	---	0	---	None	High	High
BA: Badland	---	---	---	---	0	---	None	High	High
BdA: Bango	---	---	---	---	0	---	Low	High	Moderate
BdB: Bango	---	---	---	---	0	---	Low	High	Moderate
BeB:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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
BeB:		In	In		In	In			
Bango	---	---	---	---	0	---	Low	High	High
BhA:									
Bango	---	---	---	---	0	---	Low	High	Moderate
BK:									
Bango	---	---	---	---	0	---	Low	High	High
Stumble	---	---	---	---	0	---	Low	High	Low
BLB:									
Biddleman	---	---	---	---	0	---	Low	High	High
BM:									
Biddleman	---	---	---	---	0	---	Low	High	High
Biddleman	---	---	---	---	0	---	Low	High	High
BnC:									
Bluewing	---	---	---	---	0	---	Low	High	Low
Bo:									
Bunejug	---	---	---	---	0	---	High	High	Low

Br:

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Br:									
Bunejug	---	---	---	---	0	---	High	High	Low
Bs:									
Bunejug	---	---	---	---	0	---	Low	High	Low
Bunejug Poorly Drained	---	---	---	---	---	---	---	---	---
BT:									
Bunejug	---	---	---	---	0	---	Low	High	Low
Erber	---	---	---	---	0	---	Moderate	High	High
Bunejug Poorly Drained	---	---	---	---	---	---	---	---	---
Ca:									
Carcity	---	---	---	---	0	---	High	High	Low
Cc:									
Carcity	---	---	---	---	0	---	High	High	Low
Cd:									
Carcity	---	---	---	---	0	---	High	High	High
CE:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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: Carson	---	---	---	---	0	---	Moderate	High	High
Cg: Carson	---	---	---	---	0	---	Moderate	High	Moderate
Ch: Carson	---	---	---	---	0	---	Moderate	High	Moderate
Ck: Carson	---	---	---	---	0	---	Moderate	High	High
CM: Carson	---	---	---	---	0	---	Moderate	High	High
Stillwater	---	---	---	---	0	---	High	High	High
Marsh	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	0	---	None	High	High
CNE: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
CP:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
CP: Churchill	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	0	---	None	High	High
Da: Dia	---	---	---	---	0	---	High	High	Low
Dc: Dia	---	---	---	---	0	---	High	High	Low
Dd: Dia	---	---	---	---	0	---	High	High	Low
De: Dia	---	---	---	---	0	---	High	High	Low
Dh: Dithod	---	---	---	---	0	---	High	High	Low
Dk: Dithod	---	---	---	---	0	---	High	High	High
Dm: Dithod	---	---	---	---	0	---	High	High	High

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Dp: Duneland	---	---	---	---	0	---	None	Low	Low
Playas	---	---	---	---	0	---	None	High	High
Ea: East Fork	---	---	---	---	0	---	High	High	Low
Ec: East Fork	---	---	---	---	0	---	High	High	Low
Ed: East Fork	---	---	---	---	0	---	High	High	Low
Ee: Erber	---	---	---	---	0	---	Moderate	High	Low
Eg: Erber	---	---	---	---	0	---	Moderate	High	Low
Eh: Erber	---	---	---	---	0	---	Moderate	High	High
Em: Erber	---	---	---	---	0	---	Moderate	High	High

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
En: Erber	---	---	---	---	0	---	Moderate	High	High
Fa: Fallon	---	---	---	---	0	---	High	High	Low
Fc: Fallon	---	---	---	---	0	---	High	High	Low
Fd: Fallon	---	---	---	---	0	---	Moderate	High	High
Fe: Fallon	---	---	---	---	0	---	High	High	High
Pelic	---	---	---	---	---	---	---	---	---
Fn: Fernley	---	---	---	---	0	---	Moderate	High	Low
Fo: Fernley	---	---	---	---	0	---	Moderate	High	Low
Fr: Fernley	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
GA: Gardella	Duripan	7-12	4-17	---	0	---	Low	High	High
GP: Pits	---	---	---	---	---	---	---	---	---
HB: Hooten	Duripan	5-10	4-17	---	0	---	Low	High	High
Bango	---	---	---	---	0	---	Low	High	Moderate
Isolde	---	---	---	---	0	---	Low	High	Low
HG: Hawsley	---	---	---	---	0	---	Low	High	Low
Gamgee	---	---	---	---	0	---	Low	High	Low
HTP: Hawsley	---	---	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
HTP:									
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
HU:									
Huxley	---	---	---	---	0	---	Low	High	Moderate
JuA:									
Juva	---	---	---	---	0	---	Low	High	Low
JuB:									
Juva	---	---	---	---	0	---	Low	High	Low
JvB:									
Juva	---	---	---	---	0	---	Low	High	Low
KU:									
Kolda	---	---	---	---	0	---	High	High	High
Umberland	---	---	---	---	0	---	High	High	High
Aeric Halaquepts	---	---	---	---	---	---	---	---	---
Playas	---	---	---	---	0	---	None	High	High

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
LBO:									
Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
Bombadil	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
LR:									
Labou	Bedrock (lithic)	8-14	---	---	0	---	Low	High	High
Rock Outcrop	---	---	---	---	---	---	---	---	---
Ls:									
Lahontan	---	---	---	---	0	---	Moderate	High	High
Lahontan Clay, Poorly Drained	---	---	---	---	---	---	---	---	---
Lt:									
Lahontan	---	---	---	---	0	---	Moderate	High	High
Ma:									
Marsh	---	---	---	---	0	---	High	High	High
MB:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
MB: Mazuma	---	---	---	---	0	---	Low	High	High
Bango	---	---	---	---	0	---	Low	High	Moderate
MD: Mine Pits	---	---	---	---	---	---	---	---	---
PA: Parran	---	---	---	---	0	---	Moderate	High	High
PC: Parran	---	---	---	---	0	---	Moderate	High	High
Isolde	---	---	---	---	0	---	Low	High	Low
PD: Patna	---	---	---	---	0	---	Low	High	Low
Pe: Pelic	---	---	---	---	0	---	High	High	High
Pf: Pelic	---	---	---	---	0	---	High	High	High

Ph:

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Ph: Pelic	---	---	---	---	0	---	High	High	High
PI: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Hawsley	---	---	---	---	0	---	Low	High	Low
PJ: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
PK: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
PK:									
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Isolde	---	---	---	---	0	---	Low	High	Low
PM:									
Bluewing	---	---	---	---	0	---	Low	High	Low
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Rock Outcrop	---	---	---	---	---	---	---	---	---
PO:									
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
PY:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
PY: Playas	---	---	---	---	0	---	None	High	High
Ra: Ragtown	---	---	---	---	0	---	Low	High	High
Rc: Ragtown	---	---	---	---	0	---	Low	High	High
Rg: Ragtown	---	---	---	---	0	---	Low	High	High
Sa: Sagouspe	---	---	---	---	0	---	Moderate	High	Low
Sb: Sagouspe	---	---	---	---	0	---	Moderate	High	High
ScA: Soda Lake	---	---	---	---	0	---	Low	High	Low
SdA: Soda Lake	---	---	---	---	0	---	Low	High	Low
SeD:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
SeD:									
Soda Lake	---	---	---	---	0	---	Low	High	Low
SfA:									
Soda Lake	---	---	---	---	0	---	Low	High	Low
SgA:									
Soda Lake	---	---	---	---	0	---	Low	High	Low
Pelic	---	---	---	---	---	---	---	---	---
SH:									
Soda Lake	---	---	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Sk:									
Stillwater	---	---	---	---	0	---	High	High	Low
Sm:									
Stillwater	---	---	---	---	0	---	High	High	Low
Sn:									
Stillwater	---	---	---	---	0	---	High	High	High
So:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
So: Stillwater	---	---	---	---	0	---	High	High	High
Sp: Stillwater	---	---	---	---	0	---	High	High	Low
Sr: Swingler	---	---	---	---	0	---	Low	High	Moderate
Ss: Swingler	---	---	---	---	0	---	Low	High	Moderate
St: Swingler	---	---	---	---	0	---	Low	High	Moderate
Su: Swingler	---	---	---	---	0	---	Moderate	High	Moderate
Sv: Swingler	---	---	---	---	0	---	Moderate	High	High
Sw: Swope	---	---	---	---	0	---	Moderate	High	Low
Sx:									

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Sx: Swope	---	---	---	---	0	---	Moderate	High	Low
Sy: Swope	---	---	---	---	0	---	Moderate	High	Low
Sz: Swope	---	---	---	---	0	---	Moderate	High	Low
TnA: Hawsley	---	---	---	---	0	---	Low	High	Low
TnC: Hawsley	---	---	---	---	0	---	Low	High	Low
TPB: Isolde	---	---	---	---	0	---	Low	High	Low
TPD: Isolde	---	---	---	---	0	---	Low	High	Low
TR: Isolde	---	---	---	---	0	---	Low	High	Low
Isolde	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
TR: Appian	---	---	---	---	0	---	Low	High	Moderate
TS: Isolde	---	---	---	---	0	---	Low	High	Low
Appian	---	---	---	---	0	---	Low	High	Moderate
Appian	---	---	---	---	0	---	Low	High	Moderate
TU: Isolde	---	---	---	---	0	---	Low	High	Low
Lahontan	---	---	---	---	0	---	Moderate	High	High
TV: Isolde	---	---	---	---	0	---	Low	High	Low
Appian	---	---	---	---	0	---	Low	High	Moderate
Parran	---	---	---	---	0	---	Moderate	High	High
W: Water	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Fallon-Fernley Area, Nevada, Parts Of Churchill, Lyon, Storey And Washoe Counties

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			
Wc: Weishaupt	---	---	---	---	0	---	High	High	High
We: Weishaupt	---	---	---	---	0	---	High	High	High
Wh: Weishaupt	---	---	---	---	0	---	High	High	High
WM: Miscellaneous Water	---	---	---	---	---	---	---	---	---