

## Table K2. - Soil Features

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
AA:									
Alko	Duripan	10-20	4-17	---	0	---	None	High	Low
Alko	Duripan	10-20	4-17	---	0	---	None	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
AB:									
Arizo	---	---	---	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
Bluepoint	---	---	---	---	0	---	None	High	Moderate
Ad:									
Adaven	Petrocalcic	20-30	---	---	0	---	High	High	High
Adaven	---	---	---	---	---	---	---	---	---
AkB:									
Alko	Duripan	10-20	4-17	---	0	---	None	High	Low
AIB:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
AIB:									
Alko	Duripan	10-20	4-17	---	0	---	None	High	Moderate
AmB:									
Alko	Duripan	10-20	4-17	---	0	---	None	High	Low
Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
An:									
Ash Springs	---	---	---	---	0	---	High	High	Low
Ao:									
Ash Springs	---	---	---	---	0	---	High	High	Low
Ash Springs	---	---	---	---	---	---	---	---	---
Ap:									
Ash Springs	---	---	---	---	0	---	High	High	Low
Ar:									
Ash Springs	---	---	---	---	0	---	High	High	Low
ARR:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
ARR:									
Akela	Bedrock (lithic)	10-20	---	---	0	---	None	High	Low
Rochpah	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
As:									
Ash Springs	---	---	---	---	0	---	High	High	Low
Ash Springs	---	---	---	---	---	---	---	---	---
At:									
Ash Springs Variant, drained	---	---	---	---	0	---	High	High	Low
Ash Springs	---	---	---	---	---	---	---	---	---
Au:									
Ash Springs Variant	---	---	---	---	0	---	High	High	Low
Av:									
Ash Springs Variant	---	---	---	---	0	---	High	High	Low
AyA:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
AyA:									
Aysees	---	---	---	---	0	---	Low	High	Low
AyB:									
Aysees	---	---	---	---	0	---	Low	High	Low
Ba:									
Bastian	---	---	---	---	0	---	None	High	High
Bc:									
Bastian	---	---	---	---	0	---	None	High	High
Bd:									
Bastian	---	---	---	---	0	---	None	High	High
BR:									
Beelem	Bedrock (lithic)	4-9	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Bs:									
Belted	Duripan	6-14	4-17	---	0	---	Low	High	Low
BTR:									
Boxspring	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
BTR:									
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
BuC:									
Bluewing	---	---	---	---	0	---	Low	High	Low
BXR:									
Boxspring	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
CA:									
Cave	Petrocalcic	4-20	4-17	---	0	---	None	High	Low
Arizo	---	---	---	---	0	---	Low	High	Low
CaC:									
Arizo	---	---	---	---	0	---	Low	High	Low
CbC:									
Arizo	---	---	---	---	0	---	None	High	Low
Cd:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Cd: Dune Land, Clayey	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	0	---	None	High	High
CfA: Cliffdown	---	---	---	---	0	---	Low	High	High
CfB2: Cliffdown	---	---	---	---	0	---	Low	High	High
CfC: Cliffdown	---	---	---	---	0	---	Low	High	High
ChA: Cliffdown	---	---	---	---	0	---	Low	High	Low
CkB: Cliffdown	---	---	---	---	0	---	Low	High	Low
CIB2: Cliffdown	---	---	---	---	0	---	Low	High	High
CmC: Crystal Springs	Petrocalcic	11-20	4-17	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
CnB: Crystal Springs	Petrocalcic	11-20	4-17	---	0	---	Low	High	Low
CsB: Crystal Springs	Petrocalcic	11-20	4-17	---	0	---	Low	High	Low
Cliffdown	---	---	---	---	0	---	Low	High	High
CSC: Crystal Springs	Petrocalcic	14-20	4-17	---	0	---	Low	High	Low
FaA: Fang	---	---	---	---	0	---	Low	High	Low
FaB: Fang	---	---	---	---	0	---	Low	High	Low
FgA: Fang	---	---	---	---	0	---	Low	High	Low
FhB: Fang	---	---	---	---	0	---	Low	High	Low
FIA: Fang	---	---	---	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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
FmA: Fang	---	In	In	---	0	In	Low	High	Low
FnA: Fang	---	---	---	---	0	---	Low	High	Low
FpA: Fang	---	---	---	---	0	---	Low	High	Low
FrB: Fang	Duripan	40-60	4-17	---	0	---	Low	High	Low
FsB: Fang	---	---	---	---	0	---	Low	High	Low
Nyala	---	---	---	---	0	---	Low	High	Low
Ge: Geer	---	---	---	---	0	---	Low	High	Low
Gf: Geer	---	---	---	---	0	---	Low	High	Low
Gh: Geer	---	---	---	---	0	---	Moderate	High	Moderate

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Gk: Geer	---	---	---	---	0	---	Low	High	Low
Gl: Geer	---	---	---	---	0	---	Low	High	Low
Gm: Geer	---	---	---	---	0	---	Moderate	High	Moderate
Gn: Geer	---	---	---	---	0	---	Moderate	High	Moderate
GP: Geer	---	---	---	---	0	---	Low	High	Low
Penoyer	---	---	---	---	0	---	Moderate	High	Low
GVR: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Vindicator	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

Ja:

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Ja: Jarboe	---	---	---	---	0	---	High	High	High
Jb: Jarboe	---	---	---	---	0	---	High	High	High
KER: Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Eaglepass	Bedrock (lithic)	4-6	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Kp: Kawich	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	0	---	None	High	High
KsB: Koyen	---	---	---	---	0	---	Low	High	Low
KtB: Koyen	---	---	---	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
KtB:									
Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
LA:									
Longjim	Duripan	14-20	4-17	---	0	---	Low	High	Low
Arizo	---	---	---	---	0	---	---	High	Low
LaA:									
Lahontan Variant, water table	---	---	---	---	0	---	High	High	Low
LaB:									
Lahontan Variant, water table	---	---	---	---	0	---	High	High	Low
LD:									
Leo	---	---	---	---	0	---	Low	High	Low
Delamar	Duripan	20-40	4-17	---	0	---	Low	High	Low
LhA:									
Lahontan Variant, water table	---	---	---	---	0	---	High	High	Moderate
Lahontan Variant	---	---	---	---	---	---	---	---	---
LhB:									

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
LhB: Lahontan Variant, water table	---	---	---	---	0	---	High	High	Low
LmA: Lahontan Variant, water table	---	---	---	---	0	---	High	High	Moderate
Ln: Lahontan Variant, poorly drained	---	---	---	---	0	---	High	High	Moderate
LrC: Leo	---	---	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
LsC: Leo	---	---	---	---	0	---	Low	High	Low
MkC: Maynard Lake	---	---	---	---	0	---	Low	Moderate	Low
Maynard Lake	---	---	---	---	0	---	Low	Moderate	Low
MIB: Maynard Lake	---	---	---	---	0	---	Low	Moderate	Low

MIC:

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
MIC: Maynard Lake	---	---	---	---	0	---	Low	Moderate	Low
Mn: Mccutchen	---	---	---	---	0	---	Low	High	Low
Mr: Monte Cristo	Duripan	10-20	---	---	0	---	Low	High	Low
NeD: Nevoyer	Duripan	8-18	4-17	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Pa: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
	Pahrnagat	---	---	---	---	---	---	---	---
Pb: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Pc: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Pd:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Pd: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Pahrnagat	---	---	---	---	---	---	---	---	---
Pe: Ash Springs	---	---	---	---	0	---	High	High	Low
Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Ash Springs	---	---	---	---	---	---	---	---	---
Pahrnagat	---	---	---	---	---	---	---	---	---
Pg: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Ash Springs	---	---	---	---	0	---	High	High	Low
Ph: Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Ash Springs Variant	---	---	---	---	0	---	High	High	Low

PIR:

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
PIR:									
Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Rochpah	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Pk:									
Pahrnagat	---	---	---	---	0	---	High	High	Moderate
Ash Springs Variant, drained	---	---	---	---	0	---	High	High	Low
PL:									
Pahroc	Duripan	10-20	4-17	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
PmA:									
Papoose	---	---	---	---	0	---	Low	High	Low
PnA:									
Papoose	---	---	---	---	0	---	Low	High	Low
PnA2:									
Papoose	---	---	---	---	0	---	Low	High	Low
PnB:									

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
PnB: Papoose	---	---	---	---	0	---	Low	High	Low
PoA: Papoose	---	---	---	---	0	---	Low	High	Low
Pp: Terric Haplosaprists	---	---	---	---	4-6	12-18	Moderate	Moderate	Low
Pr: Penoyer	---	---	---	---	0	---	Low	High	Low
Ps: Penoyer	---	---	---	---	0	---	Low	High	Low
Pt: Penoyer	---	---	---	---	0	---	Moderate	High	Low
Pu: Penoyer	---	---	---	---	0	---	Low	High	Low
PvE: Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Pw: Puddle	---	---	---	---	0	---	Low	High	High
RI: Rock Outcrop	---	---	---	---	---	---	---	---	---
SaA: Seaman	---	---	---	---	0	---	None	High	Low
SbA: Seaman	---	---	---	---	0	---	None	High	Low
SBR: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Bellehelen	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
ScA: Seaman	---	---	---	---	0	---	None	High	Low
ScB: Seaman	---	---	---	---	0	---	None	High	Low
SdA:									

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
SdA: Seaman	---	---	---	---	0	---	Low	High	Low
SeA: Seaman	---	---	---	---	0	---	---	High	Moderate
SfC: Sieroclipf	Petrocalcic	20-30	4-17	---	0	---	Moderate	High	Low
SgC: Silent	Duripan	10-20	4-17	---	0	---	Low	High	Low
ShB: Silent	Duripan	10-20	4-17	---	0	---	Low	High	Low
SK: Silent	Duripan	10-20	4-17	---	0	---	Low	High	Low
Koyen	---	---	---	---	0	---	Low	High	Low
SkD: Silent	Duripan	10-20	4-17	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

SID:

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
SID: Silverbow	Duripan	8-14	4-17	---	0	---	Low	High	Low
SLR: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Lomoiné	Bedrock (lithic)	4-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Sm: Slickens	---	---	---	---	0	---	None	High	High
SnC2: Specter	Duripan	20-40	4-17	---	0	---	Low	High	Low
SR: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
St: Stumble	---	---	---	---	0	---	Low	High	Low
Su:									

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
Su: Stumble	---	---	---	---	0	---	Low	High	Low
SV: Sieroclipf	Petrocalcic	20-30	4-17	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low
SvA2: Sundown	---	---	---	---	0	---	Low	High	Low
SwA: Sundown	---	---	---	---	0	---	Low	High	Low
SyB2: Sundown, eroded	---	---	---	---	0	---	Low	High	Low
TcA: Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
TdB: Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
TdB2: Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Pahrnagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
TkB: Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
TIC: Tickapoo	Duripan	15-20	4-17	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
TmC: Timpahute	Duripan	20-30	4-17	---	0	---	Low	High	Low
TnC: Timpahute	Duripan	20-30	4-17	---	0	---	Low	High	Low
Leo	---	---	---	---	0	---	Low	High	Low
Tp: Timper	Duripan	10-20	---	---	0	---	Low	High	Low
Tr: Tippipah	---	---	---	---	0	---	Low	High	Low
TsD: Tolicha	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

TuD:

## Table K2. - Soil Features - Continued

Pahranaagat-Penoyer Area, Nevada, Parts Of Lincoln And Nye 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			
TuD:									
Rock Outcrop, Tufa	---	---	---	---	---	---	---	---	---
Kawich	---	---	---	---	0	---	Low	High	Low
UL:									
Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
Lomoiné	Bedrock (lithic)	4-14	---	---	0	---	Moderate	High	Low
Ursine	Duripan	14-20	4-17	---	0	---	Moderate	High	Moderate
W:									
Water	---	---	---	---	---	---	---	---	---
Wc:									
Woodrow	---	---	---	---	0	---	Low	High	High
WV:									
Watoopah	---	---	---	---	0	---	Moderate	High	Low
Veet	---	---	---	---	0	---	Moderate	High	Low