

## Table K2. - Soil Features

Diamond Valley Area, Nevada, Parts Of Elko, Eureka And White Pine 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			
Ab:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
AbC:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Ac:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Ad:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Ah:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Ak:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Kobeh	---	---	---	---	0	---	Low	High	Low
Am:									

## Table K2. - Soil Features - Continued

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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			
Am:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
Kobeh	---	---	---	---	0	---	Moderate	High	Low
As:									
Alhambra	---	---	---	---	0	---	Moderate	High	Low
ShIPLEY Variant	---	---	---	---	0	---	Moderate	High	Low
ShIPLEY	---	---	---	---	0	---	Moderate	High	Low
AT:									
Atrypa	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
Atrypa	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
AY:									
Atrypa	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
Hopeka	Bedrock (lithic)	4-10	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

BA:

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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			
BA:									
Bartine	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Overland	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
BC:									
Bartine	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Siri	---	---	---	---	0	---	Moderate	High	Low
BD:									
Bicondoa	---	---	---	---	0	---	High	High	Low
Dianeve	---	---	---	---	0	---	High	High	High
Cumulic Haplaquolls	---	---	---	---	---	---	---	---	---
BGD:									
Bobs	Petrocalcic	10-20	4-17	---	0	---	Moderate	High	Low
Br:									
Bruffy	---	---	---	---	0	---	Moderate	High	Low
Bs:									

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
Bs: Bruffy	---	---	---	---	0	---	Moderate	High	Low
Bu: Bruffy	---	---	---	---	0	---	Moderate	High	Low
Kobeh	---	---	---	---	0	---	Low	High	Low
CfB: Credo	---	---	---	---	0	---	Moderate	High	Low
CgC: Credo	---	---	---	---	0	---	Moderate	High	Low
CS: Croesus	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Sheege	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
CY: Cyan	---	---	---	---	0	---	Moderate	Moderate	Low
Cyan	---	---	---	---	0	---	Moderate	Moderate	Low
DC:									

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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			
DC:									
Devoy	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
DE:									
Devoy	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Low
Quarz	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Low
DN:									
Dianeve	---	---	---	---	0	---	High	High	Low
Playas	---	---	---	---	---	---	---	---	---
DO:									
Dianeve	---	---	---	---	0	---	High	High	High
Bicondoia	---	---	---	---	---	---	---	---	---
FAE:									
Fairydell	---	---	---	---	0	---	Moderate	High	Low
FR:									

## Table K2. - Soil Features - Continued

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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			
FR:									
Fera	Bedrock (lithic)	40-60	---	---	0	---	Low	Moderate	Low
Roca	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
FU:									
Fusulina	Bedrock (paralithic)	6-16	---	---	0	---	Moderate	Moderate	Low
Sheege	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
GAE:									
Gabel	Bedrock (paralithic)	22-32	---	---	0	---	Moderate	Moderate	Low
GB:									
Gabel	Bedrock (paralithic)	22-32	---	---	0	---	Moderate	Moderate	Low
Badland	Bedrock (paralithic)	1-4	---	---	0	---	None	High	High
GP:									
Pits	---	---	---	---	---	---	---	---	---
HaA:									
Hamacer	---	---	---	---	0	---	Low	Moderate	Low
HDD:									

## Table K2. - Soil Features - Continued

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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			
HDD: Handy	---	---	---	---	0	---	Low	High	Low
HE: Hayeston	---	---	---	---	0	---	Moderate	High	Low
Silverado	---	---	---	---	0	---	Moderate	High	Low
HIA: Holtle	---	---	---	---	0	---	High	High	Low
HmA: Holtle	---	---	---	---	0	---	Moderate	High	Low
HNB: Holtle	---	---	---	---	0	---	High	High	Low
HO: Hopeka	Bedrock (lithic)	4-10	---	---	0	---	Moderate	High	Low
Labshaft	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

HS:

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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			
HS: Hopeka	Bedrock (lithic)	4-10	---	---	0	---	Moderate	High	Low
Sheege	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
HUB: Hussa	---	---	---	---	0	---	High	High	Low
KbA: Kobeh	---	---	---	---	0	---	Low	High	Low
KgA: Kobeh	---	---	---	---	0	---	Low	High	Low
KHB: Kobeh	---	---	---	---	0	---	Low	High	Low
Km: Kobeh Variant	---	---	---	---	0	---	Moderate	High	Low
LAE: Labshaft	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Locane	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low

LAF:

## Table K2. - Soil Features - Continued

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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			
LAF:									
Labshaft	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Locane	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low
LK:									
Labshaft	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
LmA:									
Lone	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
LnB:									
Lone	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
LR:									
Credo	---	---	---	---	0	---	Moderate	High	Low
Lone	Duripan	24-36	4-17	---	0	---	Moderate	High	Low
Rito	---	---	---	---	0	---	Moderate	High	Low
MAE:									

## Table K2. - Soil Features - Continued

Diamond Valley Area, Nevada, Parts Of Elko, Eureka And White Pine 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			
MAE: Mau	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low
NaB: Nayped	---	---	---	---	0	---	Moderate	High	Low
NdA: Nayped	---	---	---	---	0	---	Moderate	High	Low
NdB: Nayped	---	---	---	---	0	---	Moderate	High	Low
NK: Nayped	---	---	---	---	0	---	Moderate	High	Low
Kobeh	---	---	---	---	0	---	Low	High	Low
Ns: Nevka	---	---	---	---	0	---	High	High	Low
PeB: Pedoli	---	---	---	---	0	---	Moderate	High	Low
PL: Playas	---	---	---	---	0	---	None	High	High

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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			
PS:									
Playas	---	---	---	---	0	---	None	High	High
Dianeve	---	---	---	---	0	---	High	High	High
Bicondoa	---	---	---	---	---	---	---	---	---
RAC:									
Ratto	Duripan	12-20	---	---	0	---	Low	High	Low
RCD:									
Ratto	Duripan	12-20	---	---	0	---	Low	High	Low
RD:									
Ridit	Duripan	20-36	4-17	---	0	---	Moderate	High	Low
	Bedrock (lithic)	22-40	---	---					
Alpha	Bedrock (lithic)	40-60	---	---	0	---	High	High	Low
RfA:									
Rubyhill	Duripan	20-30	---	---	0	---	Moderate	High	Low
RHC:									
Rubyhill	Duripan	20-30	---	---	0	---	Moderate	High	Low

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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			
RL: Rubyhill	Duripan	20-30	---	---	0	---	Moderate	High	Low
Rubyhill	Duripan	20-30	---	---	0	---	Moderate	High	Low
SA: Sader	---	---	---	---	0	---	High	High	Moderate
Biconda	---	---	---	---	---	---	---	---	---
SD: Sader	---	---	---	---	0	---	High	High	Moderate
Biconda	---	---	---	---	---	---	---	---	---
SE: Sheege	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Croesus	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
SfB: Shipley	---	---	---	---	0	---	Moderate	High	Low
ShA:									

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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			
ShA: Shipley	---	---	---	---	0	---	Moderate	High	Low
SIA: Shipley	---	---	---	---	0	---	High	High	Low
SMA: Shipley	---	---	---	---	0	---	Moderate	High	Low
Sn: Shipley Variant	---	---	---	---	0	---	Moderate	High	Low
Shipley	---	---	---	---	0	---	Moderate	High	Low
SoA: Silverado	---	---	---	---	0	---	Moderate	High	Low
SoB: Silverado	---	---	---	---	0	---	Moderate	High	Low
SRD: Silverado	---	---	---	---	0	---	Moderate	High	Low
StA: Silverado	---	---	---	---	0	---	Moderate	High	Low

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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			
SUF: Siri	---	---	---	---	0	---	Moderate	High	Low
SVB: Stampede	Duripan	20-37	4-17	---	0	---	Moderate	Moderate	Low
TAD: Tahquats	---	---	---	---	0	---	High	Moderate	Moderate
TCF: Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
TK: Tica	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Rock Outcrop	---	---	---	---	---	---	---	---	---
Tn: Tonkin	---	---	---	---	0	---	Moderate	High	Low
To: Tonkin	---	---	---	---	0	---	Moderate	High	Low
UMB: Umil	Duripan	7-14	4-17	---	0	---	Moderate	High	Low

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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			
US:									
Umil	Duripan	7-14	4-17	---	0	---	Moderate	High	Low
Umil	Duripan	7-14	4-17	---	0	---	Moderate	High	Low
VN:									
Vinsad	---	---	---	---	0	---	High	High	High
W:									
Water Less Than 40 Acres	---	---	---	---	---	---	---	---	---