

Table K2. - Soil Features

Carson Valley Area, Nevada And California

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			
AdE:									
Aldax	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
AIE:									
Aldax	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Bc:									
Bishop	---	---	---	---	0	---	High	High	Moderate
Bc2:									
Bishop	---	---	---	---	0	---	High	High	Moderate
Bh:									
Bishop	---	---	---	---	0	---	High	High	Moderate
Bm:									
Bishop	---	---	---	---	0	---	High	High	Moderate
Bn:									
Bishop	---	---	---	---	0	---	High	High	Moderate
Other Soils	---	---	---	---	---	---	---	---	---

BoC:

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			
BoC: Borda	Bedrock (lithic)	40-60	---	---	0	---	Low	High	Low
BrF: Borda	Bedrock (lithic)	40-60	---	---	0	---	Low	High	Low
BtA: Brockliss	---	---	---	---	0	---	Low	Moderate	Low
BwA: Brockliss	---	---	---	---	0	---	Low	Moderate	Low
CcB: Calpine	---	---	---	---	0	---	Moderate	Moderate	Moderate
Cf: Cashmere	---	---	---	---	0	---	Moderate	Moderate	Low
CkC: Cave Rock	---	---	---	---	0	---	Low	Moderate	Moderate
Cu: Cradlebaugh	---	---	---	---	0	---	High	High	High
Other Soils	---	---	---	---	---	---	---	---	---

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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			
Dl: Draper	---	---	---	---	0	---	High	High	Moderate
Do: Draper	---	---	---	---	0	---	High	High	Moderate
DwA: Dressler	---	---	---	---	0	---	High	Moderate	Low
Other Soils	---	---	---	---	---	---	---	---	---
DwB: Dressler	---	---	---	---	0	---	High	Moderate	Low
Other Soils	---	---	---	---	---	---	---	---	---
FrG: Franktown	Bedrock (lithic)	6-20	---	---	0	---	Moderate	Moderate	Moderate
Rubble Land	---	---	---	---	---	---	---	---	---
Rock Outcrop	---	---	---	---	---	---	---	---	---
G.P.:									

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
G.P.:									
Pits	---	---	---	---	---	---	---	---	---
Gu:									
Gullied Land	---	---	---	---	---	---	---	---	---
Hn:									
Henningsen Variant	---	---	---	---	0	---	High	Moderate	Low
HoC:									
Holbrook	---	---	---	---	0	---	Moderate	High	Low
HsD:									
Holbrook	---	---	---	---	0	---	Moderate	High	Low
IgD:									
Indian Creek	Duripan	14-20	4-17	---	0	---	Low	High	Low
IIB:									
Indian Creek	Duripan	14-20	4-17	---	0	---	Low	High	Low
InF:									
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
JaB:									

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
JaB: James Canyon	---	In	In	---	0	In	High	Moderate	Low
JaC: James Canyon	---	---	---	---	0	---	High	Moderate	Low
JdB: James Canyon	---	---	---	---	0	---	High	Moderate	Low
Jn: Jubilee	---	---	---	---	0	---	High	Moderate	Low
Jo: Jubilee	---	---	---	---	0	---	High	Moderate	Low
Jp: Jubilee Variant	---	---	---	---	0	---	High	Moderate	Low
Kt: Kimmerling	---	---	---	---	0	---	High	High	Low
Kimmerling, wet	---	---	---	---	0	---	High	High	Low
MhE: Millich	Bedrock (lithic)	10-20	---	---	---	---	Moderate	High	Moderate

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
MhF: Millich	Bedrock (lithic)	10-20	---	---	---	---	Moderate	High	Moderate
MIB: Mottsville	---	---	---	---	0	---	Low	Moderate	Moderate
MID: Mottsville	---	---	---	---	0	---	Low	Moderate	Moderate
MoD: Mottsville	---	---	---	---	0	---	Low	Moderate	Moderate
MoF: Mottsville	---	---	---	---	0	---	Low	Moderate	Moderate
OgA: Ophir	---	---	---	---	0	---	Moderate	Moderate	Low
Other Soils	---	---	---	---	---	---	---	---	---
OgB: Ophir	---	---	---	---	0	---	Moderate	Moderate	Low
Other Soils	---	---	---	---	---	---	---	---	---

OhC:

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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			
OhC:									
Ophir	---	---	---	---	0	---	Moderate	Moderate	Low
Other Soils	---	---	---	---	---	---	---	---	---
OpB:									
Ophir	---	---	---	---	0	---	High	Moderate	Moderate
Pe:									
Peat	---	---	---	---	0	---	High	Moderate	Moderate
PnC:									
Prey Variant	Duripan	14-20	0-3	---	0	---	Moderate	Moderate	Low
ReB:									
Reno	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
RgC2:									
Reno, moderately deep	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
	Bedrock (lithic)	22-41	---	---					
Ro:									
Rock Land	---	---	---	---	---	---	---	---	---
Ru:									

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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			
Ru: Rough Broken Land	---	---	---	---	---	---	---	---	---
Sa: Alluvial Land	---	---	---	---	0	---	None	High	High
SID: Springmeyer	---	---	---	---	0	---	Moderate	High	Low
SmB: Springmeyer	---	---	---	---	0	---	Moderate	High	Low
SnF: Springmeyer	---	---	---	---	0	---	Moderate	High	Low
SoD: Springmeyer, Bedrock substratum	Bedrock (paralithic)	24-36	---	---	0	---	Moderate	High	Low
TaF: Toiyabe	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Moderate
Rock Outcrop	---	---	---	---	---	---	---	---	---
Wa: Washoe	---	---	---	---	0	---	Moderate	Moderate	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
Water:		In	In		In	In			
Water	---	---	---	---	---	---	---	---	---
Wg:									
Washoe	---	---	---	---	0	---	Moderate	Moderate	Low