

Table K2. - Soil Features

Storey County Area, Nevada

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			
021: Bombadil	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
051: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Hefed	---	---	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
052: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rubble Land	Bedrock (lithic)	40-60	---	---	0	---	None	---	---
Rock Outcrop	---	---	---	---	---	---	---	---	---
054: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
054: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
060: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Stingdorn	Duripan	8-20	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	8-20	---	---					
062: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Veta	---	---	---	---	0	---	Moderate	High	Low
080: Wedekind	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Xman	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
120:									

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
120: Springmeyer	---	---	---	---	0	---	Moderate	High	Low
Reno	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
137: Oppio	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Low
Reywat	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
150: Tristan	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Zephan	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Moderate
151: Tristan	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Burnborough	---	---	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
151: Gabica	Bedrock (lithic)	14-20	---	---	0	---	Moderate	High	Low
160: Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
161: Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
Nosrac	---	---	---	---	0	---	Moderate	Moderate	Low
162: Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
170: Saralegui	---	---	---	---	0	---	Low	High	Moderate
Isolde	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
180: Patna	---	---	---	---	0	---	Low	High	Low
Badland	---	---	---	---	0	---	None	High	High
210: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Lapon	Duripan	8-14	4-17	---	0	---	Moderate	High	Low
	Bedrock (lithic)	10-40	---	---					
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
211: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
212: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
212: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
213: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
220: Ister	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Low
Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
221: Ister	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
230: Sagouspe, occasionally flooded	---	---	---	---	0	---	High	High	Low
231:									

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
231: Sagouspe, rarely flooded	---	---	---	---	0	---	Moderate	High	Low
240: Koontz	Bedrock (paralithic)	8-20	---	---	0	---	Moderate	Moderate	Low
Nosrac	---	---	---	---	0	---	Moderate	High	Low
241: Koontz	Bedrock (paralithic)	8-20	---	---	0	---	Moderate	Moderate	Low
Tristan	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
250: Chalco	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Haar	Bedrock (paralithic)	4-10	---	---	0	---	Moderate	Moderate	Low
260: Lapon	Duripan	8-14	4-17	---	0	---	Moderate	High	Low
	Bedrock (lithic)	10-40	---	---					

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
260: Fulstone	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
274: Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
275: Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
280: Perazzo	---	---	---	---	0	---	Low	High	Low
281: Perazzo	---	---	---	---	0	---	Low	High	Low
290: Springmeyer Variant	---	---	---	---	0	---	Moderate	High	Low
313: Risley	Bedrock (paralithic)	20-30	---	---	0	---	Low	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
313: Rubble Land	Bedrock (lithic)	40-60	---	---	0	---	None	---	---
Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
314: Risley	Bedrock (paralithic)	20-30	---	---	0	---	Low	Moderate	Moderate
Xman	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
350: Hunewill	---	---	---	---	0	---	Moderate	Moderate	Low
351: Hunewill	---	---	---	---	0	---	Moderate	Moderate	Low
381: Veta	---	---	---	---	0	---	Moderate	High	Low
480: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
480: Bombadil	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
483: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
484: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Ister	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
485: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Chalco	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
485: Haar	Bedrock (paralithic)	4-10	---	---	0	---	Moderate	Moderate	Low
488: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Rubble Land	Bedrock (lithic)	40-60	---	---	0	---	None	---	---
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
489: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Smallcone	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Moderate
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
519: Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
Zephan	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Moderate
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low

551:

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
551: Fulstone	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
553: Fulstone	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
554: Fulstone	Duripan	14-20	4-17	---	0	---	Moderate	High	Low
Reno	Duripan	20-40	4-17	---	0	---	Moderate	High	Low
561: Gabica	Bedrock (lithic)	14-20	---	---	0	---	Moderate	High	Low
Easte	Bedrock (paralithic)	40-60	---	---	0	---	Low	Moderate	Moderate
Burnborough	---	---	---	---	0	---	Moderate	Moderate	Low
571: Ackley	---	---	---	---	0	---	Moderate	High	Low
572: Ackley	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
572: Veta	---	---	---	---	0	---	Moderate	High	Low
602: Pits	---	---	---	---	---	---	---	---	---
Dumps	---	---	---	---	---	---	---	---	---
633: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
875: Xman	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Mizel	Bedrock (lithic)	3-10	---	---	0	---	Moderate	Moderate	Moderate
Zephan	Bedrock (lithic)	25-40	---	---	0	---	Low	Moderate	Moderate
876: Xman	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Oppio	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
876: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
877: Xman	Bedrock (paralithic)	10-20	---	---	0	---	Low	Moderate	Low
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
893: Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Cagle	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
894: Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
895: Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Nosrac	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
895: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
1010: Teguro	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Indiano	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Oppio	Bedrock (lithic)	20-40	---	---	0	---	Low	Moderate	Moderate
Typic Endoaquolls	---	---	---	---	---	---	---	---	---
1030: Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
Xerta	Duripan	20-40	0-3	---	0	---	Moderate	High	Low
	Bedrock (lithic)	20-40	---	---					
Ister	Bedrock (lithic)	25-40	---	---	0	---	Moderate	Moderate	Low
1110: Surgem	Bedrock (lithic)	20-30	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
1110: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Cagle	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
1410: Burnborough	---	---	---	---	0	---	Moderate	Moderate	Low
Gabica	Bedrock (lithic)	14-20	---	---	0	---	Moderate	High	Low
1511: Cagle	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
Nosrac	---	---	---	---	0	---	Moderate	High	Low
1520: Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Smallcone	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Moderate
Cagle	Bedrock (paralithic)	20-40	---	---	0	---	Low	Moderate	Low
1521: Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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			
1521: Springmeyer	---	---	---	---	0	---	Moderate	High	Low
1530: Manogue	Bedrock (paralithic)	59-71	---	---	0	---	Low	High	Low
Devada	Bedrock (lithic)	12-20	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Typic Haplaquents	---	---	---	---	---	---	---	---	---
1531: Manogue	Bedrock (paralithic)	59-71	---	---	0	---	Low	High	Low
Springmeyer	---	---	---	---	0	---	Moderate	High	Low
1533: Manogue	Bedrock (paralithic)	59-71	---	---	0	---	Low	High	Low
1534: Manogue	Bedrock (paralithic)	59-71	---	---	0	---	Low	High	Low
Hefed	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Storey County Area, Nevada

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
1534: Rock Outcrop	---	In	In	---	---	In	---	---	---
1535: Manogue	Bedrock (paralithic)	59-71	---	---	0	---	Low	High	Low
1540: Water	---	---	---	---	---	---	---	---	---