

Table K2. - Soil Features

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
100: Budihol	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
102: Budihol	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Minneha	Bedrock (paralithic)	13-20	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
110: Bimmer	Bedrock (paralithic)	3-10	---	---	0	---	Low	Moderate	Low
Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
120: Nemico	Duripan	10-20	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	11-25	---	---					

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
120: Mirkwood	Bedrock (lithic)	4-14	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
130: Bedzee	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Moderate
Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
140: Hawsley	---	---	---	---	0	---	Low	High	Low
141: Hawsley	---	---	---	---	0	---	Low	High	Low
Isolde	---	---	---	---	0	---	Low	High	Low
142: Hawsley	---	---	---	---	0	---	Low	High	Low
Appian	---	---	---	---	0	---	Low	High	Moderate

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
142: Ruhe	Bedrock (paralithic)	14-20	---	---	0	---	Low	High	Low
143: Hawsley	---	---	---	---	0	---	Low	High	Low
Gamgee	---	---	---	---	0	---	Low	High	Low
144: Hawsley	---	---	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
146: Hawsley	---	---	---	---	0	---	Low	High	Low
Juva	---	---	---	---	0	---	Low	High	Moderate
147: Hawsley	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
147: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
150: Buckaroo	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
152: Buckaroo	---	---	---	---	0	---	Low	High	Low
Watoopah	---	---	---	---	0	---	Moderate	High	Low
Rezave	Bedrock (lithic)	14-20	---	---	0	---	Low	High	High
153: Buckaroo	---	---	---	---	0	---	Low	High	Low
Rednik	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
154: Buckaroo	---	---	---	---	0	---	Low	High	Low
Genegraf	---	---	---	---	0	---	Low	High	Moderate
Rednik	---	---	---	---	0	---	Low	High	Low
155: Buckaroo	---	---	---	---	0	---	Low	High	Low
Genegraf	---	---	---	---	0	---	Low	High	Moderate
Pineval	---	---	---	---	0	---	Moderate	High	Low
158: Buckaroo	---	---	---	---	0	---	Low	High	Low
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Wholan	---	---	---	---	0	---	Low	High	Low
159: Buckaroo	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
159: Genegraf	---	---	---	---	0	---	Low	High	Moderate
160: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
161: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
162: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Rezave	Bedrock (lithic)	14-20	---	---	0	---	Low	High	High
164: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
164: Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
170: Isolde	---	---	---	---	0	---	Low	High	Low
Dune Land	---	---	---	---	0	---	None	Low	Low
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
171: Isolde	---	---	---	---	0	---	Low	High	Low
Appian	---	---	---	---	0	---	Low	High	Moderate
Parran	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	---	---	---	---	---
172: Isolde	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
172: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Hawsley	---	---	---	---	0	---	Low	High	Low
173: Isolde	---	---	---	---	0	---	Low	High	Low
174: Isolde	---	---	---	---	0	---	Low	High	Low
Ragtown	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
180: Bluewing	---	---	---	---	0	---	Low	High	Low
Inmo	---	---	---	---	0	---	Low	High	Low
181: Bluewing	---	---	---	---	0	---	Low	High	Low

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
184: Bluewing	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
185: Bluewing	---	---	---	---	0	---	Low	High	Low
Toulon	---	---	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
186: Bluewing	---	---	---	---	0	---	Low	High	Low
Hawsley	---	---	---	---	0	---	Low	High	Low
190: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
191: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
192: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
193: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Mirkwood	Bedrock (lithic)	4-14	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
194: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
199: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
200: 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	---	---					
Rock Outcrop	---	---	---	---	---	---	---	---	---
201: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
201:									
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
203:									
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Hawsley	---	---	---	---	0	---	Low	High	Low
204:									
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	---	---					
Isolde	---	---	---	---	0	---	Low	High	Low
206:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
206: 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	---	---					
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
207: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
Rezave	Bedrock (lithic)	14-20	---	---	0	---	Low	High	High
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
208: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
208: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Rubble Land	Bedrock (lithic)	60	---	---	0	---	None	---	---
210: Biddleman	---	---	---	---	0	---	Low	High	High
Biddleman	---	---	---	---	0	---	Low	High	High
211: Biddleman	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	Low
Biddleman	---	---	---	---	0	---	Low	High	High
213: Biddleman	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	Low
214: Biddleman	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
214: Trocken	---	---	---	---	0	---	Low	High	Low
Ruhe	Bedrock (paralithic)	14-20	---	---	0	---	Low	High	Low
215: Biddleman	---	---	---	---	0	---	Low	High	High
Isolde	---	---	---	---	0	---	Low	High	Low
216: Biddleman	---	---	---	---	0	---	Low	High	High
Bluewing	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	High
220: Bango	---	---	---	---	0	---	Low	High	Moderate
Stumble	---	---	---	---	0	---	Low	High	Low
221: Bango	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
221: Appian	---	---	---	---	0	---	Low	High	Moderate
222: Bango	---	---	---	---	0	---	Low	High	Moderate
Playas	---	---	---	---	0	---	None	High	High
Chuckles	---	---	---	---	0	---	Low	High	High
Other Soils	---	---	---	---	---	---	---	---	---
230: Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
Budihol	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
231: Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
Budihol	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
231: Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
232: Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
240: Genegraf	---	---	---	---	0	---	Low	High	Moderate
Watoopah	---	---	---	---	0	---	Moderate	High	Low
Buckaroo	---	---	---	---	0	---	Low	High	Low
241: Watoopah	---	---	---	---	0	---	Moderate	High	Low
Buckaroo	---	---	---	---	0	---	Low	High	Low
Wholan	---	---	---	---	0	---	Low	High	Low
250: Rezave	Bedrock (lithic)	14-20	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
250: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
260: Appian	---	---	---	---	0	---	Low	High	Moderate
Playas	---	---	---	---	0	---	None	High	High
261: Appian	---	---	---	---	0	---	Low	High	Moderate
Playas	---	---	---	---	---	---	---	---	---
262: Appian	---	---	---	---	0	---	Low	High	Moderate
Juva	---	---	---	---	0	---	Low	High	Moderate
Bango	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
270: Fubble	Bedrock (lithic)	14-20	---	---	0	---	Moderate	High	Low
Nicanor	Bedrock (paralithic)	5-14	---	---	0	---	Moderate	Moderate	Low
280: Trocken	---	---	---	---	0	---	Low	High	High
Chuckles	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
281: Trocken	---	---	---	---	0	---	Low	High	High
Ragtown	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
283: Trocken	---	---	---	---	0	---	Low	High	High
Bluewing	---	---	---	---	0	---	Low	High	Low

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Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
284: Trocken	---	---	---	---	0	---	Low	High	Low
290: Huxley	---	---	---	---	0	---	Low	High	Moderate
300: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Colbar	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
301: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Mirkwood	Bedrock (lithic)	4-14	---	---	0	---	Low	Moderate	Low
Nemico	Duripan	10-20	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	11-25	---	---					
302: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
302: Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
304: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Bombadil	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
305: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Colbar	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
307: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
307: Rock Outcrop	---	---	---	---	---	---	---	---	---
308: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Colbar	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
309: Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Pickup	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low
Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
310: Rednik	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low

311:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
311: Rednik	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	Low
Genegraf	---	---	---	---	0	---	Low	High	Moderate
313: Rednik	---	---	---	---	0	---	Low	High	Low
Ricert	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	High
315: Genegraf	---	---	---	---	0	---	Low	High	Moderate
Rednik	---	---	---	---	0	---	Low	High	Low
Barmot	---	---	---	---	0	---	Low	High	High
316: Rednik	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
316: Rednik	---	---	---	---	0	---	Low	High	Low
317: Rednik	---	---	---	---	0	---	Low	High	Low
Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	Low
320: Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
321: Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Desatoya	---	---	---	---	0	---	Moderate	High	Low
Roca	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low

322:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
322: Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Puett	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
324: Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Colbar	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
325: Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Settlement	---	---	---	---	---	---	---	---	---

330:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
330:									
Settlement	---	---	---	---	0	---	High	High	High
Louderback	---	---	---	---	0	---	Moderate	High	Low
Rustigate	---	---	---	---	0	---	High	High	Low
Typic Endoaquolls	---	---	---	---	---	---	---	---	---
331:									
Settlement	---	---	---	---	0	---	High	High	High
Chuckles	---	---	---	---	0	---	Low	High	High
Rustigate	---	---	---	---	0	---	High	High	Low
Endoaquolls	---	---	---	---	---	---	---	---	---
340:									
Slaw	---	---	---	---	0	---	Low	High	High
Juva	---	---	---	---	0	---	Low	High	Moderate

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
340: Wholan	---	---	---	---	0	---	Low	High	Low
Settlement	---	---	---	---	---	---	---	---	---
341: Slaw	---	---	---	---	0	---	Low	High	High
Chuckles	---	---	---	---	0	---	Low	High	High
Settlement	---	---	---	---	---	---	---	---	---
342: Slaw	---	---	---	---	0	---	Low	High	High
Mazuma	---	---	---	---	0	---	Low	High	High
Hessing	---	---	---	---	0	---	Low	High	High
343: Slaw	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
343: Chuckles	---	---	---	---	0	---	Low	High	High
344: Slaw	---	---	---	---	0	---	Low	High	High
Ragtown	---	---	---	---	0	---	Low	High	High
Aquic Torriorthents	---	---	---	---	---	---	---	---	---
350: Ricert	---	---	---	---	0	---	Low	High	High
Pineval	---	---	---	---	0	---	Moderate	High	Low
351: Ricert	---	---	---	---	0	---	Low	High	High
Chilper	---	---	---	---	0	---	Low	High	High
Pineval	---	---	---	---	0	---	Moderate	High	Low
352: Ricert	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
352:									
Desatoya	---	---	---	---	0	---	Moderate	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
353:									
Ricert	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	High
Pineval	---	---	---	---	0	---	Moderate	High	Low
358:									
Ricert	---	---	---	---	0	---	Low	High	High
Desatoya	---	---	---	---	0	---	Moderate	High	Low
Trocken	---	---	---	---	0	---	Low	High	High
359:									
Ricert	---	---	---	---	0	---	Low	High	High
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
359: Trocken	---	---	---	---	0	---	Low	High	Low
360: Ricert	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	High
Rebel	---	---	---	---	0	---	Moderate	High	Low
370: Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
371: Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

373:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
373:									
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Puett	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
380:									
Clanalpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
381:									
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Reluctan	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Walti	Bedrock (lithic)	20-30	---	---	0	---	Low	Moderate	Low
Typic Endoaquolls	---	---	---	---	---	---	---	---	---

390:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
390: Defler	---	---	---	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
391: Defler	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	High
400: Chuckles	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	0	---	None	High	High
401: Chuckles	---	---	---	---	0	---	Low	High	High
Bango	---	---	---	---	0	---	Low	High	Moderate
402: Chuckles	---	---	---	---	0	---	Low	High	High
Playas	---	---	---	---	0	---	None	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
402: Slaw	---	---	---	---	0	---	Low	High	High
Settlement	---	---	---	---	---	---	---	---	---
404: Chuckles	---	---	---	---	0	---	Low	High	High
Settlement	---	---	---	---	0	---	High	High	High
Rebel	---	---	---	---	0	---	Moderate	High	Low
410: Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
Desatoya	---	---	---	---	0	---	Moderate	High	Low
411: Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
Rebel	---	---	---	---	0	---	Moderate	High	Low
Puett	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low

420:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
420: Trocken	---	---	---	---	0	---	Low	High	High
Hessing	---	---	---	---	0	---	Low	High	High
Dun Glen	---	---	---	---	0	---	Low	High	Low
422: Trocken	---	---	---	---	0	---	Low	High	High
Hessing	---	---	---	---	0	---	Low	High	High
Pineval	---	---	---	---	0	---	Moderate	High	Low
423: Trocken	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	High
425: Trocken	---	---	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
425:									
Hessing	---	---	---	---	0	---	Low	High	High
Defler	---	---	---	---	0	---	Low	High	Low
430:									
Kram	Bedrock (lithic)	8-14	---	---	0	---	Moderate	High	Low
Attella	Bedrock (lithic)	6-10	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
432:									
Kram	Bedrock (lithic)	8-14	---	---	0	---	Moderate	High	Low
Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
433:									
Hopeka	Bedrock (lithic)	4-10	---	---	0	---	Moderate	High	Low
Kram	Bedrock (lithic)	8-14	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
433: Rock Outcrop	---	---	---	---	---	---	---	---	---
440: Ravenswood	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Walti	Bedrock (lithic)	20-30	---	---	0	---	Low	Moderate	Low
450: Wholan	---	---	---	---	0	---	Low	High	Low
Defler	---	---	---	---	0	---	Low	High	Low
Wholan	---	---	---	---	0	---	Low	High	Low
460: Juva	---	---	---	---	0	---	Low	High	Moderate
Wholan	---	---	---	---	0	---	Low	High	Low
Stumble	---	---	---	---	0	---	Low	High	Low

470:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
470:									
Hessing	---	---	---	---	0	---	Low	High	High
Wholan	---	---	---	---	0	---	Low	High	Low
Dun Glen	---	---	---	---	0	---	Low	High	Low
471:									
Hessing	---	---	---	---	0	---	Low	High	High
Dun Glen	---	---	---	---	0	---	Low	High	Low
Bango	---	---	---	---	0	---	Low	High	Moderate
480:									
Yody	Duripan	30-40	---	---	0	---	Moderate	High	Low
Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
481:									
Yody	Duripan	30-40	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
481: Ricert	---	---	---	---	0	---	Low	High	High
Pineval	---	---	---	---	0	---	Moderate	High	Low
484: Yody	Duripan	30-40	---	---	0	---	Moderate	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
491: Pineval	---	---	---	---	0	---	Moderate	High	Low
Rebel	---	---	---	---	0	---	Moderate	High	Low
Wholan	---	---	---	---	0	---	Low	High	Low
492: Pineval	---	---	---	---	0	---	Moderate	High	Low
Rebel	---	---	---	---	0	---	Moderate	High	Low
494: Pineval	---	---	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
494:									
Buckaroo	---	---	---	---	0	---	Low	High	Low
Rebel	---	---	---	---	0	---	Moderate	High	Low
500:									
Louderback	---	---	---	---	0	---	Moderate	High	Low
Rustigate	---	---	---	---	0	---	High	High	Low
Isolde	---	---	---	---	0	---	Low	High	Low
511:									
Grumblen	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Pickup	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low
520:									
Pineval	---	---	---	---	0	---	Moderate	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
Inmo	---	---	---	---	0	---	Low	High	Low

530:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
530: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	Low
532: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Ricert	---	---	---	---	0	---	Low	High	High
Barnmot	---	---	---	---	0	---	Low	High	High
533: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
535: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Bundorf	Duripan	14-20	4-17	---	0	---	Low	High	Low

536:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
536: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Rednik	---	---	---	---	0	---	Low	High	Low
537: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Otomo	Duripan	6-14	4-17	---	0	---	Low	High	Moderate
538: Cleaver	Duripan	10-20	4-17	---	0	---	Low	High	Low
Genegraf	---	---	---	---	0	---	Low	High	Moderate
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
540: Douhide	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Ravenswood	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low

551:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
551: Yerington	---	---	---	---	0	---	Low	High	Moderate
560: Izod	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
572: Rawe	---	---	---	---	0	---	Low	High	Low
Malpais	---	---	---	---	0	---	Low	High	Low
580: Welch	---	---	---	---	0	---	High	Moderate	Low
590: Rebel	---	---	---	---	0	---	Moderate	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
Yody	Duripan	30-40	---	---	0	---	Moderate	High	Low
591:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
591: Rebel	---	---	---	---	0	---	Moderate	High	Low
592: Rebel	---	---	---	---	0	---	Moderate	High	Low
Wholan	---	---	---	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
600: Hooten	Duripan	5-10	4-17	---	0	---	Low	High	High
Bango	---	---	---	---	0	---	Low	High	Moderate
Isolde	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	---	---	---	---	---
610: Barmot	---	---	---	---	0	---	Low	High	High
Bluewing	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
610: Badland	---	---	---	---	0	---	None	High	High
620: Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
621: Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Izod	Bedrock (lithic)	7-14	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
622: Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---

640:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
640: Mazuma	---	---	---	---	0	---	Low	High	High
Bango	---	---	---	---	0	---	Low	High	Moderate
643: Mazuma	---	---	---	---	0	---	Low	High	High
Bluewing	---	---	---	---	0	---	Low	High	Low
644: Mazuma	---	---	---	---	0	---	Low	High	High
Toulon	---	---	---	---	0	---	Low	High	Low
Chuckles	---	---	---	---	0	---	Low	High	High
645: Mazuma	---	---	---	---	0	---	Low	High	High
Lovelock	---	---	---	---	---	---	---	---	---
650: Labou	Bedrock (lithic)	8-14	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
650: Rock Outcrop	---	---	---	---	---	---	---	---	---
660: Loomer	Bedrock (lithic)	14-20	---	---	0	---	Low	Moderate	Low
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
662: 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
670: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Genegraf	---	---	---	---	0	---	Low	High	Moderate
Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
671: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
671:									
Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
Watoopah	---	---	---	---	0	---	Moderate	High	Low
672:									
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Barmot	---	---	---	---	0	---	Low	High	High
Chilper	---	---	---	---	0	---	Low	High	High
680:									
Bombadil	Bedrock (lithic)	7-14	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
691:									
Osobb	Duripan	8-19	0-3	---	0	---	Low	High	Low
	Bedrock (lithic)	9-20	---	---					
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
691: Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
700: Clan Alpine	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Itca	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
710: Luning	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
730: Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low

731:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
731:									
Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
732:									
Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Puett	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
733:									
Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Jung	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
734:									
Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
734: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Puett	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Low
735: Hooplite	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Duco	Bedrock (lithic)	10-20	---	---	0	---	Moderate	Moderate	Low
740: Packer	---	---	---	---	0	---	Moderate	Moderate	Low
Layview	Bedrock (lithic)	10-14	---	---	0	---	Moderate	Moderate	Low
Hapgood	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Welch	---	---	---	---	---	---	---	---	---
741: Packer	---	---	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
741: Hapgood	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Welch	---	---	---	---	---	---	---	---	---
760: Burnborough	---	---	---	---	0	---	Moderate	Moderate	Low
Cleavage	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Welch	---	---	---	---	0	---	High	Moderate	Low
Aquic Xerofluvents	---	---	---	---	---	---	---	---	---
761: Burnborough	---	---	---	---	0	---	Moderate	Moderate	Low
Cleavage	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Reluctan	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
770:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
770:									
Chilper	---	---	---	---	0	---	Low	High	High
Bundorf	Duripan	14-20	4-17	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	High
772:									
Chilper	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	High
Jerval	---	---	---	---	0	---	Low	High	High
790:									
Jacratz	Bedrock (paralithic)	4-10	---	---	0	---	Moderate	High	Low
Nayfan	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Low
800:									
Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low

802:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
802: Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
Bedzee	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	Moderate
Jobpeak	Bedrock (lithic)	4-12	---	---	0	---	Moderate	Moderate	Low
820: Aboten	Duripan	14-20	4-17	---	0	---	Low	High	Moderate
Inmo	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
830: Corral	Bedrock (paralithic)	12-20	---	---	0	---	Low	Moderate	Low
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Bedwyr	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	High	High
840: Belate	---	---	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
840: Roca	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low
Cleavage	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
850: Walti	Bedrock (lithic)	20-30	---	---	0	---	Low	Moderate	Low
Roca	Bedrock (lithic)	20-40	---	---	0	---	Low	High	Low
Belate	---	---	---	---	0	---	Moderate	Moderate	Low
860: Teguro	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Colbar	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Cleavage	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
870: Chill	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Cleavage	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low

880:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
880: Coppereid	Bedrock (paralithic)	5-10	---	---	0	---	Moderate	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
900: Playas	---	---	---	---	0	---	None	High	High
901: Dune Land	---	---	---	---	0	---	None	Low	Low
Isolde	---	---	---	---	0	---	Low	High	Low
902: Badland	---	---	---	---	0	---	None	High	High
903: Badland	---	---	---	---	0	---	None	High	High
Rebel	---	---	---	---	0	---	Moderate	High	Low
Yody	Duripan	30-40	---	---	0	---	Moderate	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
910:									
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Findout	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
930:									
Layview	Bedrock (lithic)	10-14	---	---	0	---	Moderate	Moderate	Low
Packer	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Hapgood	---	---	---	---	0	---	Moderate	Moderate	Low
Welch	---	---	---	---	---	---	---	---	---
940:									
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Rubble Land	Bedrock (lithic)	60	---	---	0	---	None	---	---
960:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
960:									
Kolda	---	---	---	---	0	---	High	High	High
Umberland	---	---	---	---	0	---	High	High	High
Aeric Halaquepts	---	---	---	---	---	---	---	---	---
Playas	---	---	---	---	---	---	---	---	---
970:									
Jobpeak	Bedrock (lithic)	4-12	---	---	0	---	Moderate	Moderate	Low
Teguro	Bedrock (lithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
980:									
Madeline	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low
Millerlux	Bedrock (lithic)	12-20	---	---	0	---	Low	High	Low
990:									
Millerlux	Bedrock (lithic)	12-20	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
990: Ninemile	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low
Madeline	Bedrock (lithic)	10-20	---	---	0	---	Low	Moderate	Low
Welch	---	---	---	---	---	---	---	---	---
1000: Stumble	---	---	---	---	0	---	Low	High	Low
1010: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
1011: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
1012: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1012: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
1013: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
1020: Unsel	---	---	---	---	0	---	Low	High	Low
Annaw	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
1023: Unsel	---	---	---	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low

1024:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1024: Unsel	---	---	---	---	0	---	Low	High	Low
Desatoya	---	---	---	---	0	---	Moderate	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
1025: Unsel	---	---	---	---	0	---	Low	High	Low
Desatoya	---	---	---	---	0	---	Moderate	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
1026: Unsel	---	---	---	---	0	---	Low	High	Low
Pineval	---	---	---	---	0	---	Moderate	High	Low
Defler	---	---	---	---	0	---	Low	High	Low
1027: Unsel	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon Counties

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top In	Thickness In	Hardness	Initial In	Total In		Uncoated Steel	Concrete
1027: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Annaw	---	---	---	---	0	---	Low	High	Low
1030: Goldyke	Bedrock (paralithic)	2-10	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Koyen	---	---	---	---	0	---	Low	High	Low
1040: Terlco	---	---	---	---	0	---	Low	High	Moderate
Annaw	---	---	---	---	0	---	Low	High	Low
Izo	---	---	---	---	0	---	Low	High	Low
1050: Ceejay	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1050: Rock Outcrop	---	---	---	---	---	---	---	---	---
1061: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Pirouette	Duripan	11-20	0-3	---	0	---	Low	High	Moderate
	Bedrock (lithic)	12-23	---	---					
1062: Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
Old Camp	Bedrock (lithic)	10-20	---	---	0	---	Moderate	High	Low
Ceejay	Bedrock (lithic)	14-20	---	---	0	---	Low	High	Low
1071: Ganaflan	Bedrock (paralithic)	20-40	---	---	0	---	Low	High	Moderate
Bluewing	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1071: Trocken	---	---	---	---	0	---	Low	High	Low
1090: Umberland	---	---	---	---	0	---	High	High	High
Isolde	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	---	---	---	---	---
1100: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Olac	Bedrock (lithic)	8-14	---	---	0	---	Moderate	Moderate	Low
1101: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
1102: Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1104: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Theon	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
1120: Patna	---	---	---	---	0	---	Low	High	Low
Hawsley	---	---	---	---	0	---	Low	High	Low
Juva	---	---	---	---	0	---	Low	High	Moderate
1121: Patna	---	---	---	---	0	---	Low	High	Low
1130: Malpais	---	---	---	---	0	---	Low	High	Low
Malpais	---	---	---	---	0	---	Low	High	Low
1140: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1140: Biddleman	---	---	---	---	0	---	Low	High	High
Hooten	Duripan	5-10	4-17	---	0	---	Low	High	High
1142: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Mazuma	---	---	---	---	0	---	Low	High	High
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
1143: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	Low
Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
1144: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1144: Celeton	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
1145: Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Patna	---	---	---	---	0	---	Low	High	Low
1150: Phing	---	---	---	---	0	---	Low	High	Low
Buffaran	Duripan	14-20	4-17	---	0	---	Low	High	Low
1160: Sojur	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Singatse	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
1171: Tocan	---	---	---	---	0	---	Low	High	Low
Aboten	Duripan	13-20	4-17	---	0	---	Low	High	Moderate
1180:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1180: Jerval	---	---	---	---	0	---	Low	High	High
Trocken	---	---	---	---	0	---	Low	High	Low
1200: Arclay	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
1210: Biga	---	---	---	---	0	---	Low	High	Low
Granshaw	---	---	---	---	0	---	Low	High	Low
Labkey	---	---	---	---	0	---	Low	High	Low
1211: Biga	---	---	---	---	0	---	Low	High	Low
1212: Biga	---	---	---	---	0	---	Low	High	Low
Roic	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	High
Labkey	---	---	---	---	0	---	Low	High	Low

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1220: Labkey	---	---	---	---	0	---	Low	High	Low
1230: Genegraf	---	---	---	---	0	---	Low	High	Moderate
Bluewing	---	---	---	---	0	---	Low	High	Low
Dorper	---	---	---	---	0	---	Low	High	High
1231: Genegraf	---	---	---	---	0	---	Low	High	Moderate
Trocken	---	---	---	---	0	---	Low	High	High
Bluewing	---	---	---	---	0	---	Low	High	Low
1232: Genegraf	---	---	---	---	0	---	Low	High	Moderate
Rednik	---	---	---	---	0	---	Low	High	Low
Trocken	---	---	---	---	0	---	Low	High	Low

1233:

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1233:									
Genegraf	---	---	---	---	0	---	Low	High	Moderate
Buckaroo	---	---	---	---	0	---	Low	High	Low
Bluewing	---	---	---	---	0	---	Low	High	Low
1280:									
Soar	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Arclay	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Soar	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
1290:									
Slocave	Bedrock (paralithic)	4-14	---	---	0	---	Low	High	Low
Vium	Bedrock (lithic)	8-14	---	---	0	---	Low	High	Low
1300:									
Lovelock	---	---	---	---	0	---	Moderate	High	Low
Fluvaquents	---	---	---	---	---	---	---	---	---

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1300: Lovelock	---	---	---	---	---	---	---	---	---
1301: Lovelock	---	---	---	---	0	---	Moderate	High	High
1320: Gardella	Duripan	7-12	4-17	---	0	---	Low	High	High
Playas	---	---	---	---	---	---	---	---	---
1330: Parran	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	---	---	---	---	---
1331: Parran	---	---	---	---	0	---	High	High	High
Hawsley	---	---	---	---	0	---	Low	High	Low
Playas	---	---	---	---	---	---	---	---	---
1332:									

Table K2. - Soil Features - Continued

Churchill County Area, Nevada, Parts Of Churchill And Lyon 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			
1332:									
Parran	---	---	---	---	0	---	High	High	High
Umberland	---	---	---	---	0	---	High	High	High
Playas	---	---	---	---	---	---	---	---	---
1340:									
Inmo	---	---	---	---	0	---	Low	High	Low
Inmo	---	---	---	---	0	---	Low	High	Low
W:									
Water	---	---	---	---	---	---	---	---	---