

## Table K2. - Soil Features

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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
100: Luning	---	In	In	---	In	In	Low	High	Low
102: Luning	---	---	---	---	0	---	Low	High	Low
Toulon	---	---	---	---	0	---	Low	High	Low
110: Izo	---	---	---	---	0	---	Low	High	Low
120: Inmo	---	---	---	---	0	---	Low	High	Low
121: Inmo	---	---	---	---	0	---	Low	High	Low
122: Inmo	---	---	---	---	0	---	Low	High	Low
Inmo	---	---	---	---	0	---	Low	High	Low
123:									

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
123: Inmo	---	---	---	---	0	---	Low	High	Low
124: Inmo	---	---	---	---	0	---	Low	High	Low
Orizaba	---	---	---	---	0	---	High	High	High
Louderback	---	---	---	---	0	---	Moderate	High	Low
Typic Haplaquepts	---	---	---	---	---	---	---	---	---
125: Inmo	---	---	---	---	0	---	Low	High	Low
Rednik	---	---	---	---	0	---	Low	High	Low
130: Sodaspring	---	---	---	---	0	---	Low	High	Moderate
160: Oricto	---	---	---	---	0	---	Low	High	High
170:									

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
170: Gynelle	---	---	---	---	0	---	Low	High	Low
171: Gynelle	---	---	---	---	0	---	Low	High	Low
180: Breko	---	---	---	---	0	---	Moderate	High	Low
Wiskiflat	---	---	---	---	0	---	Moderate	Moderate	Low
181: Breko	---	---	---	---	0	---	Moderate	High	Low
Wiskiflat	---	---	---	---	0	---	Moderate	Moderate	Low
190: Candelaria	---	---	---	---	0	---	Low	High	High
191: Candelaria	---	---	---	---	0	---	Low	High	High
201: Wardenot	---	---	---	---	0	---	Low	High	Low

## 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			
201: Wardenot	---	---	---	---	0	---	Low	High	Low
210: Beelem	Bedrock (lithic)	4-9	---	---	0	---	Moderate	High	Low
Wassit	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
220: Bijorja	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	High	Low
Petspring	Bedrock (paralithic)	3-10	---	---	0	---	Moderate	Moderate	Low
230: Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
240: Bouncer	Bedrock (paralithic)	8-14	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
250: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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
250: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
251: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
252: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
253: Downeyville	Bedrock (lithic)	4-14	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
260: Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Tejabe	Bedrock (lithic)	4-10	---	---	0	---	Moderate	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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:									
Garhill	Duripan	7-14	4-17	---	0	---	Low	High	Low
	Bedrock (lithic)	12-30	---	---					
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
280:									
Granmount	---	---	---	---	0	---	Moderate	Moderate	Low
Kiote	---	---	---	---	0	---	Moderate	Moderate	Low
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	16-24	---	---					
281:									
Granmount	---	---	---	---	0	---	Moderate	Moderate	Low
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
Rubble Land	Bedrock (lithic)	40-60	---	---	0	---	None	---	---

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## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
282:									
Granmount	---	---	---	---	0	---	Moderate	Moderate	Low
Kiote	---	---	---	---	0	---	Moderate	Moderate	Low
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
Cumulic Cryaquolls	---	---	---	---	---	---	---	---	---
290:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
300:									
Jetcop	Duripan	14-20	4-17	---	0	---	Low	Moderate	Low
Gabbvally	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
310:									
Lazan	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
Lazan	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
310: Nupart	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
320: Nupart	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
Lazan	Bedrock (paralithic)	4-10	---	---	0	---	Low	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
330: Pintwater	Bedrock (lithic)	10-20	---	---	0	---	Low	High	Low
Blacktop	Bedrock (lithic)	4-10	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
340: Playas	---	---	---	---	0	---	None	High	High
350: Rockabin	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
350:									
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
351:									
Rockabin	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Fusuvar	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Snopoc	---	---	---	---	0	---	Moderate	Moderate	Low
361:									
Snopoc	---	---	---	---	0	---	Moderate	Moderate	Low
Rockabin	Bedrock (paralithic)	20-40	---	---	0	---	Moderate	Moderate	Low
Hiridge	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
370:									
Sundown	---	---	---	---	0	---	Low	High	Low
380:									

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
380: Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
Theriot	Bedrock (lithic)	4-20	---	---	0	---	Low	High	Low
390: Typic Torriorthents	---	---	---	---	0	---	Low	High	Low
400: Budihol	Bedrock (paralithic)	6-14	---	---	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
Uripnes	Bedrock (paralithic)	4-14	---	---	0	---	Low	Moderate	Low
	Bedrock (lithic)	20-24	---	---					
Rock Outcrop	---	---	---	---	---	---	---	---	---
Fluvaquents	---	---	---	---	---	---	---	---	---
410: Ahchew	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
410: Wassit	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
Wassit	Bedrock (lithic)	6-14	---	---	0	---	Moderate	Moderate	Low
420: Wiskiflat	---	---	---	---	0	---	Moderate	Moderate	Low
Breko	---	---	---	---	0	---	Moderate	High	Low
421: Wiskiflat	---	---	---	---	0	---	Moderate	High	Low
430: Breko	---	---	---	---	0	---	Moderate	High	Low
Terlco	---	---	---	---	0	---	Low	High	Moderate
Terlco	---	---	---	---	0	---	Low	High	Moderate
431: Terlco	---	---	---	---	0	---	Low	High	Moderate
Wiskiflat	---	---	---	---	0	---	Moderate	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
431: Terlco	---	---	---	---	0	---	Low	High	Moderate
432: Terlco	---	---	---	---	0	---	Low	High	Moderate
Annaw	---	---	---	---	0	---	Low	High	Low
433: Terlco	---	---	---	---	0	---	Low	High	Moderate
434: Itme	---	---	---	---	0	---	Low	High	Low
Terlco	---	---	---	---	0	---	Low	High	Low
Terlco	---	---	---	---	0	---	Low	High	Moderate
460: Patna	---	---	---	---	0	---	Low	High	Low
470: Lakash	---	---	---	---	0	---	Low	High	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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: Demill	---	---	---	---	0	---	Low	High	Low
480: Isolde	---	---	---	---	0	---	Low	High	Low
500: Papoose	---	---	---	---	0	---	Low	High	Moderate
501: Papoose	---	---	---	---	0	---	Low	High	Moderate
502: Papoose	---	---	---	---	0	---	Low	High	Moderate
Patna	---	---	---	---	0	---	Low	High	Low
510: Soda Lake	---	---	---	---	0	---	Low	High	Low
Cirac	---	---	---	---	0	---	Low	High	Moderate
511: Soda Lake	---	---	---	---	0	---	Low	High	Low

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## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
520: Cirac	---	---	---	---	0	---	Low	High	Moderate
530: ltme	---	---	---	---	0	---	Low	High	Low
ltme	---	---	---	---	0	---	Low	High	Low
531: ltme	---	---	---	---	0	---	Low	High	Low
ltme	---	---	---	---	0	---	Low	High	Low
532: ltme	---	---	---	---	0	---	Low	High	Low
ltme	---	---	---	---	0	---	Low	High	Low
540: Buckaroo	---	---	---	---	0	---	Low	High	Low
570: Mazuma	---	---	---	---	0	---	Low	High	High

## 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			
570: Mazuma	---	---	---	---	0	---	Low	High	High
571: Mazuma	---	---	---	---	0	---	Low	High	High
Inmo	---	---	---	---	0	---	Low	High	Low
580: Nuahs	---	---	---	---	0	---	Low	High	Moderate
590: Ahchew	Bedrock (paralithic)	14-20	---	---	0	---	Moderate	Moderate	Low
Rubble Land	Bedrock (lithic)	40-60	---	---	0	---	None	---	---
600: Welch	---	---	---	---	0	---	High	Moderate	Low
Welch	---	---	---	---	0	---	High	Moderate	Low
601: Welch	---	---	---	---	0	---	High	Moderate	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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			
601: Welch	---	---	---	---	0	---	High	Moderate	Low
Welch	---	---	---	---	0	---	High	Moderate	Low
610: Squawval, deep	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	Low
Snopoc	---	---	---	---	0	---	Moderate	Moderate	Low
Fusuvar	Bedrock (paralithic)	10-20	---	---	0	---	Moderate	Moderate	Moderate
Cumulic Cryaquolls	---	---	---	---	---	---	---	---	---
611: Squawval, deep	Bedrock (paralithic)	40-60	---	---	0	---	Moderate	Moderate	Low
620: Petspring	Bedrock (paralithic)	3-10	---	---	0	---	Moderate	Moderate	Low
Rock Outcrop	---	---	---	---	---	---	---	---	---
630: Holbrook	---	---	---	---	0	---	Moderate	High	Low

## Table K2. - Soil Features - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

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: Stewval	Bedrock (lithic)	4-14	---	---	0	---	Moderate	Moderate	Low
Kyler	Bedrock (lithic)	6-14	---	---	0	---	Moderate	High	Low
W: Water	---	---	---	---	---	---	---	---	---