B Soil Types

Table B-1 Soil Type Descriptions

Interpreted Soil Type	Description	Simplified Soil Type
B	Bedrock of the Kuskokwim group.	WB/B
WB	Weathered Kuskokwim group bedrock that is weathered in situ.	WB/B
N	Native unconsolidated soils not otherwise specified that are undisturbed by anthropogenic activity.	N/DN
N (loess)	Glacially derived windblown silt and very fine sand that is undisturbed by anthropogenic activity.	N/DN
N (KG)	Native soil that is derived from Kuskokwim group bedrock and contains clasts of the same.	N/DN
RDCA	Red Devil Creek alluvium that is undisturbed by anthropogenic activity.	RDCA
KRA	Kuskokwim River alluvium that is undisturbed by anthropogenic activity.	KRA
KRA and/or RDCA	Red Devil Creek alluvium and/ore Kuskokwim River alluvium	KRA and/or RDCA
DN	Native unconsolidated soils not otherwise that have been disturbed by anthropogenic activity.	N/DN
DN (loess)	Glacially derived windblown silt and very fine sand that has been disturbed by anthropogenic activity.	N/DN
DN (KG)	Disturbed native soil that is derived from Kuskokwim Group bedrock and contains clasts of the same.	N/DN
DN (KG, MZ)	Disturbed native soil that is derived from Kuskokwim group bedrock within the mineralized zone.	N/DN
DN (KG and loess)	Disturbed native soil that comprises a mixture of soil derived from Kuskokwim group bedrock and glacially-derived windblown silt and very fine sand.	N/DN
DN (cut & fill)	Disturbed native soil interpreted to comprise spoils from cut and fill earth modification.	N/DN
DN with local F	Predominantly disturbed native soil that locally contains non-native debris.	DN with F
Mixed RDCA, Soil, and T/WR	Mixed Red Devil Creek alluvium and possibly other soil, and tailings and/or waste rock encountered in Red Devil Creek channel downstream of the Main Processing Area and delta.	RDCA, DN, and T/WR

Table B-1 Soil Type Descriptions

Interpreted Soil Type	Description	Simplified Soil Type
N or DN	Native soil not otherwise specified that may or may not have been disturbed.	N/DN
N or DN (loess)	Glacially derived windblown silt and very fine sand where anthropogenic effect cannot be determined.	N/DN
N, DN, or F	Soil of uncertain type that may comprise native or disturbed native soil or fill.	N/DN or F
DN or F	Soil of uncertain type that may comprise disturbed native soil or fill.	N/DN or F
SO	Sluiced overburden deposits.	SO
SO or DN or N	Either sluiced overburden, or disturbed native soil, or undisturbed native soil.	SO or N/DN
T/WR	Mine waste that includes tailings (thermally processed or) and/or waste rock. May also contain vitreous material and furnace dusts.	T/WR
WR	Waste rock that occurs in discrete zones and is apparently not mixed with tailings.	WR
FT	Flotation tailings.	FT
Tailings	Tailings (thermally processed ore) that is apparently not mixed with waste rock.	Tailings
T/WR & FT	A mixture of tailings and/or waste rock and flotation tailings.	T/WR & FT
F	Extensively reworked native soils that contain wood, debris, or other non-native materials.	F
T/WR (road base)	Tailings and/or waste rock that is observed to be a road surfacing material.	T/WR
Stockpiled Ore	A mound of rock exclusively composed of ore intended for the flotation process.	Stockpiled Ore

Table B-2 Surface and Subsurface Soil Types, Upland Background Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Upland Background Area	10UP01SS	SS	N (KG)									
	10UP02SS	SS	N (KG)									
	10UP03SS	SS	N (KG)									
	10UP04SS	SS	N (KG)									
	10UP05SS	SS	N (KG)									
	10UP06SS	SS	N (KG)									
	10UP07SS	SS	N (KG)									
	10UP08SS	SS	N (KG)									
	10UP09SS	SS	N (KG)									
	10UP10SS	SS	N (KG)									
	11UP11SB02	2	N (KG)									
	11UP11SB04	4	N (KG)									
	11UP11SB06	6	N (KG)									
	11UP11SB08	8	N (KG)									
	11UP11SB10	10	N (KG) | B									
	11UP11--12 NS	12	B									
	11UP11--14 NS	14	B									
	11UP11--16 NS	16	B									
	11UP11--18 NS	18	B									
	11UP11--20 NS	20	B									
	11UP11--22 NS	22	B									
	11UP11--24 NS	24	B									
	11UP11--26 NS	26	B									
	11UP11--28 NS	28	B									
	11UP11--30 NS	30	B									
	11UP11--32 NS	32	B									
	11UP11--34 NS	34	B									

Table B-2 Surface and Subsurface Soil Types, Upland Background Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11UP11--36 NS	36	B									
	11UP11--38 NS	38	B									
	11UP11--40 NS	40	B									
	11UP11--42 NS	42	B									
	11UP11--44 NS	44	B									
	11UP11--46 NS	46	B									
See Table B-1 for soil type descriptions Key: bgs = below ground surface NS = not sampled												

Table B-3 Surface and Subsurface Soil Types, Red Devil Creek Upstream Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Red Devil Creek Upstream Area	10RD08SS	SS	DN (KG)									
	10RD09SS	SS	DN (KG)									
	10RD10SS	SS	RDCA									
	10RD11SS	SS	RDCA									
	10RD12SS	SS	RDCA									
	10RD13SS	SS	RDCA									
	11RD13SB02	2	RDCA									
	11RD13SB04	4	RDCA									
	11RD13SB06	6	RDCA									
	11RD13SB08	8	RDCA									
	11RD13SB10	10	RDCA									
	11RD13SB12	12	RDCA									
	11RD13SB14	14	RDCA									
	11RD13SB16	16	RDCA									
	10RD14SS	SS	RDCA									
	10RD15SS	SS	RDCA									
	10RD16SS	SS	RDCA									

Table B-3 Surface and Subsurface Soil Types, Red Devil Creek Upstream Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	10RD17SS	SS	RDCA									
	10RD18SS	SS	RDCA									
	10RD19SS	SS	RDCA									
See Table B-1 for soil type descriptions Key: bgs = below ground surface												

Table B-4 Surface and Subsurface Soil Types, Surface Mined Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Surface Mined Area	10MP41SS	SS	DN									
	11MP41SB02	2	DN									
	11MP41SB04	4	WB									
	11MP41SB06	6	WB									
	11MP41SB08	8	WB									
	11MP41--10 NS	10	WB									
	11MP41--12 NS	12	B									
	11MP41--14 NS	14	B									
	11MP41--16 NS	16	B									
	11MP41--18 NS	18	B									
	11MP41--20 NS	20	B									
	11MP41--22 NS	22	B									
	11MP41--24 NS	24	B									
	11MP41--26 NS	26	B									
	11MP41--28 NS	28	B									
	11MP41--30 NS	30	B									
	11MP41--32 NS	32	B									
	11MP41--34 NS	34	B									
	11MP41--36 NS	36	B									
	11MP41--38 NS	38	B									
	11MP41--40 NS	40	B									

Table B-4 Surface and Subsurface Soil Types, Surface Mined Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP41--42 NS	42	B									
	11MP41--44 NS	44	B									
	11MP41--46 NS	46	B									
	11MP41--48 NS	48	B									
	11MP41--50 NS	50	B									
	11MP41--52 NS	52	B									
	11MP41--54 NS	54	B									
	11MP41--56 NS	56	B									
	11MP41--58 NS	58	B									
	11MP41--60 NS	60	B									
	11MP41--62 NS	62	B									
	11MP41--64 NS	64	B									
	11MP41--66 NS	66	B									
	11MP41--68 NS	68	B									
	11MP41--69 NS	69	B									
	10SM01SS	SS	DN (KG, MZ)									
	10SM02SS	SS	DN (KG, MZ)									
	10SM03SS	SS	DN (KG, MZ)									
	10SM04SS	SS	DN (KG, MZ)									
	10SM05SS	SS	DN (KG, MZ)									
	10SM06SS	SS	DN (KG, MZ)									
	10SM07SS	SS	DN (KG, MZ)									
	10SM08SS	SS	DN (KG, MZ)									
	10SM09SS	SS	DN (KG, MZ)									
	10SM10SS	SS	DN (loess)									
	11SM10SB02	2	DN (KG and loess)									
	11SM10SB04	4	DN (KG and loess)									
	11SM10SB06	6	N (loess)									
	11SM10SB08	8	N (loess) | WB									

Table B-4 Surface and Subsurface Soil Types, Surface Mined Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11SM10SB10	10	WB									
	11SM10SB12	12	WB									
	11SM10SB14	14	B									
	10SM11SS	SS	N or DN (loess)									
	11SM11SB02	2	N or DN (loess)									
	11SM11SB04	4	N or DN (loess)									
	11SM11SB06	6	N or DN (loess)									
	11SM11SB08	8	N or DN (loess)									
	11SM11SB10	10	N or DN (loess)									
	11SM11SB12	12	N or DN (loess)									
	11SM11SB14	14	WB									
	11SM11SB16	16	WB									
	11SM11SB18	18	WB									
	10SM12SS	SS	DN (KG and loess)									
	10SM13SS	SS	DN (KG)									
	10SM14SS	SS	DN (loess)									
	10SM15SS	SS	DN (KG)									
	10SM16SS	SS	DN (KG)									
	10SM17SS	SS	DN (KG)									
	10SM18SS	SS	DN (KG)									
	10SM19SS	SS	DN (KG)									
	10SM20SS	SS	DN (loess)									
	10SM21SS	SS	DN (KG)									
	10SM22SS	SS	DN (KG)									
	10SM23SS	SS	DN (KG)									
	10SM24SS	SS	DN (KG)									
	10SM25SS	SS	DN (KG)									
	10SM26SS	SS	DN (KG)									
	10SM27SS	SS	DN (KG)									
	10SM28SS	SS	DN (KG and loess)									

Table B-4 Surface and Subsurface Soil Types, Surface Mined Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	10SM29SS	SS	DN (loess)									
	10SM30SS	SS	DN (loess)									
	11SM31SB02	2	WB									
	11SM31SB04	4	WB									
	11SM31SB06	6	WB									
	11SM31SB08	8	WB									
	11SM31--10 NS	10	B									
	11SM31--12 NS	12	B									
	11SM31--14 NS	14	B									
	11SM31--16 NS	16	B									
	11SM31--18 NS	18	B									
	11SM31--20 NS	20	B									
	11SM31--22 NS	22	B									
	11SM31--24 NS	24	B									
	11SM31--26 NS	26	B									
	11SM31--28 NS	28	B									
	11SM31--30 NS	30	B									
	11SM31--32 NS	32	B									
	11SM31--34 NS	34	B									
	11SM31--36 NS	36	B									
	11SM31--38 NS	38	B									
	11SM31--40 NS	40	B									
	11SM31--42 NS	42	B									
	11SM31--44 NS	44	B									
	11SM31--46 NS	46	B									
	11SM31--48 NS	48	B									
	11SM31--50 NS	50	B									
	11SM31--52 NS	52	B									

See Table B-1 for soil type descriptions
Key:
bgs = below ground surface
NS = Not Sampled

Table B-5 Surface and Subsurface Soil Types, Dolly Sluice and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Dolly Sluice and Delta	10DS01SS	SS	SO									
	11DS01SB02	2	SO									
	11DS01SB04	4	SO									
	11DS01SB06	6	SO									
	11DS01SB08	8	SO									
	11DS01SB10	10	SO									
	11DS01SB12	12	SO									
	11DS01SB14	14	KRA									
	11DS01SB16	16	KRA									
	10DS02SS	SS	SO									
	11DS02SB02	2	SO									
	11DS02SB04	4	SO									
	11DS02SB06	6	SO									
	11DS02SB08	8	SO									
	11DS02SB10	10	SO									
	11DS02SB12	12	KRA									
	11DS02SB14	14	KRA									
	10DS03SS	SS	DN									

See Table B-1 for soil type descriptions
Key:
bgs = below ground surface

Table B-6 Surface and Subsurface Soil Types, Rice Sluice and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Rice Sluice and Delta	10RS01SS	SS	SO									
	11RS01SB02	2	SO									
	11RS01SB04	4	SO									
	11RS01SB06	6	SO									
	11RS01SB08	8	SO									
	11RS01SB10	10	SO									
	11RS01SB12	12	SO									
	11RS01SB14	14	KRA									
	10RS02SS	SS	SO									
	11RS02SB02	2	SO									
	11RS02SB04	4	SO									
	11RS02SB06	6	SO									
	11RS02SB08	8	SO									
	11RS02SB10	10	SO									
	11RS02SB12	12	SO									
	11RS02SB14	14	KRA									
	11RS02SB16	16	KRA									
	10RS03SS	SS	SO or DN or N									
See Table B-1 for soil type descriptions Key: bgs = below ground surface												

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Pre-1955 Main Processing Area	10MP424344SS	SS	T/WR	X		X		X			X	
	10MP5051525354SS	SS	T/WR	X		X		X	X	X	X	
	10MP55565758SS	SS	T/WR	X							X	
	10MP42SS	SS	T/WR	X		X		X			X	
	10MP43SS	SS	T/WR								X	
	10MP44SS	SS	T/WR									
	10MP45SS	SS	T/WR			X		X			X	
	11MP45SB02	2	T/WR	X		X		X	X	X		
	11MP45SB04	4	T/WR	X				X	X	X	X	
	11MP45SB06	6	T/WR and F									
	11MP45SB08	8	T/WR	X				X	X	X		
	11MP45SB10	10	T/WR | N	X				X				
	11MP45SB12	12	N									
	10MP46SS	SS	T/WR	X				X				
	11MP46SB02	2	T/WR	X						X	X	
	11MP46SB04	4	T/WR	X						X	X	
	11MP46SB06	6	T/WR	X		X		X	X	X	X	
	11MP46SB08	8	T/WR	X						X	X	
	11MP46SB10	10	T/WR	X		X			X		X	
	11MP46SB12	12	WR			X						
	11MP46SB14	14	WR			X						
	11MP46SB16	16	WR			X				X		
	11MP46SB18	18	WR | N			X				X		
	11MP46SB20	20	N									
	10MP47SS	SS	T/WR	X								
	11MP47SB02	2	WR	X				X	X		X	
	11MP47SB04	4	WR					X	X			
	11MP47SB06	6	WR					X	X			
	11MP47SB08	8	WR					X	X			
	11MP47SB10	10	WR					X	X			
	11MP47SB12	12	WR					X	X			

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP47SB14	14	WR			X		X	X		X	
	11MP47SB16	16	WR					X	X		X	
	11MP47SB18	18	WR					X				
	11MP47SB20	20	WR					X			X	
	11MP47SB22	22	WR			X		X			X	
	11MP47SB24	24	WR | N						X		X	
	11MP47SB26	26	N									
	10MP48SS	SS	T/WR	X								
	11MP48SB02	2	T/WR	X	X			X	X		X	
	11MP48SB04	4	T/WR	X	X						X	
	11MP48SB06	6	T/WR	X	X				X		X	
	11MP48SB08	8	T/WR	X	X				X		X	
	11MP48SB10	10	T/WR	X	X			X	X		X	
	11MP48SB12	12	T/WR | N	X				X	X		X	
	11MP48SB14	14	N									
Pre-1955 Main Processing Area	10MP49SS	SS	T/WR									
	11MP49SB02	2	T/WR	X		X		X		X	X	
	11MP49SB04	4	T/WR	X		X		X	X	X	X	
	11MP49SB06	6	T/WR					X				
	11MP49SB08	8	WR					X				
	11MP49SB10	10	WR | N			X						
	11MP49SB12	12	N									
	11MP49SB14	14	N									
	10MP50SS	SS	T/WR									
	11MP50SB02	2	T/WR					X			X	
	11MP50SB04	4	T/WR | WB					X			X	
	10MP51SS	SS	T/WR	X		X		X	X	X	X	
	11MP51SB02	2	T/WR									
	11MP51SB04	4	F | T/WR					X			X	
	11MP51SB06	6	T/WR | F					X			X	
	11MP51SB08	8	F | N or DN									
	11MP51SB10	10	N or								X	

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
			DN									
	11MP51SB12	12	WB								X	
	11MP51SB14	14	WB								X	
	10MP52SS	SS	T/WR									
	11MP52SB02	2	T/WR	X		X		X			X	
	11MP52SB04	4	T/WR									
	11MP52SB06	6	T/WR			X						
	11MP52SB08	8	T/WR | N or DN			X						
	11MP52SB10	10	N or DN									
	11MP52SB12	12	N or DN									
	11MP52SB14	14	N or DN									
	11MP52SB16	16	N or DN									
	11MP52SB18	18	WB									
	11MP52SB20	20	WB									
	11MP52SB22	22	WB									
	11MP52SB24	24	WB								X	
	11MP52SB26	26	WB | B									
	11MP52--28 NS	28	B									
	11MP52--30 NS	30	B									
	11MP52--32 NS	32	B									
	11MP52--34 NS	34	B									
	11MP52--36 NS	36	B									
	11MP52--38 NS	38	B									
	11MP52--40 NS	40	B									
	11MP52--42 NS	42	B									
	10MP53SS	SS	T/WR	X							X	
	11MP53SB02	2	T/WR	X					X	X	X	
	11MP53SB04	4	F | T/WR					X				
	11MP53SB06	6	N or DN									
	11MP53SB08	8	N or DN									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Pre-1955 Main Processing Area	10MP54SS	SS	F	X								
	11MP54SB02	2	F | DN or F									
	11MP54SB04	4	DN or F									
	11MP54SB06	6	DN or F									
	11MP54SB08	8	DN or F									
	10MP55SS	SS	T/WR									
	11MP55SB02	2	T/WR	X		X		X			X	
	11MP55SB04	4	T/WR | N or DN					X				
	11MP55SB06	6	N or DN | WB									
	10MP56SS	SS	N or DN									
	11MP56SB02	2	N or DN									
	11MP56SB04	4	N or DN									
	11MP56SB06	6	N or DN									
	11MP56SB08	8	N or DN									
	11MP56SB10	10	WB									
	10MP57SS	SS	T/WR									
	11MP57SB02	2	T/WR	X		X		X			X	
	11MP57SB04	4	T/WR	X		X		X	X		X	
	11MP57SB06	6	N or DN									
	11MP57SB08	8	N or DN									
	11MP57SB10	10	N or DN									
	10MP58SS	SS	T/WR	X							X	
	11MP58SB02	2	T/WR									
	11MP58SB04	4	T/WR					X			X	
	11MP58SB06	6	T/WR									
	11MP58SB08	8	T/WR			X			X	X	X	
	11MP58SB10	10	T/WR		X	X		X	X	X	X	

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP58SB12	12	N or DN									
	11MP58SB14	14	N or DN									
	10MP59SS	SS	WR					X			X	
	11MP59SB02	2	WR					X			X	
	11MP59SB04	4	WR					X			X	
	11MP59SB06	6	WR					X				
	11MP59SB08	8	WR									
	11MP59SB10	10	WR					X				
	11MP59SB12	12	WR | N					X				
	11MP59SB14	14	N (loess)								X	
	11MP59SB16	16	N (loess)									
	10MP60SS	SS	T/WR	X								
	11MP60SB02	2	T/WR									
	11MP60SB04	4	T/WR	X				X	X	X	X	
	11MP60SB06	6	T/WR	X				X	X	X	X	
	11MP60SB08	8	T/WR	X				X	X	X	X	
	11MP60SB10	10	T/WR					X			X	
	11MP60SB12	12	T/WR					X	X		X	
	11MP60SB14	14	T/WR						X		X	
	11MP60SB16	16	T/WR									
	11MP60SB18	18	T/WR | N or DN									
	11MP60SB20	20	N or DN									
	11MP60SB22	22	N or DN									
	11MP60SB24	24	N or DN									
	11MP60SB26	26	N or DN									
	11MP60SB28	28	N or DN									
	11MP60--30 NS	30	N or DN | WB									
	11MP60--32 NS	32	WB									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP60--33 NS	33	WB									
Pre-1955 Main Processing Area	10MP61SS	SS	T/WR									
	11MP61SB02	2	T/WR | F	X				X			X	
	11MP61SB04	4	N or DN									
	11MP61SB06	6	N or DN									
	10MP62SS	SS	T/WR	X								
	11MP62SB02	2	T/WR	X				X			X	
	11MP62SB04	4	T/WR | N	X		X		X				
	11MP62SB06	6	N									
	11MP62SB08	8	N									
	11MP62SB10	10	N									
	11MP62SB12	12	N									
	11MP62SB14	14	WB									
	11MP62SB16	16	WB									
	11MP62SB18	18	WB									
	11MP62SB20	20	WB									
	11MP62SB22	22	WB									
	11MP62SB24	24	WB									
	11MP62SB26	26	WB									
	11MP62--28 NS	28	B									
	11MP62--29 NS	29	B									
	10MP63SS	SS	T/WR	X								
	11MP63SB02	2	T/WR | N or DN	X								
	11MP63SB04	4	N or DN									
	11MP63SB06	6	N or DN									
	10MP64SS	SS	T/WR									
	10MP65SS	SS	T/WR	X								
	10MP66SS	SS	T/WR	X							X	
	11MP66SB02	2	F									
	11MP66SB04	4	N									
	11MP66SB06	6	N									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP66SB08	8	N									
	11MP66SB10	10	WB									
	11MP66SB12	12	WB									
	11MP66SB14	14	WB									
	11MP66SB16	16	WB									
	11MP66SB18	18	WB									
	11MP66SB20	20	WB									
	11MP66SB22	22	B									
	11MP66--24 NS	24	B									
	11MP66--26 NS	26	B									
	11MP66--28 NS	28	B									
	11MP88--02 NS	2	T/WR									
	11MP88--04 NS	4	T/WR									
	11MP88--06 NS	6	T/WR									
	11MP88--08 NS	8	T/WR									
	11MP88--10 NS	10	T/WR									
	11MP88--12 NS	12	T/WR									
	11MP88--14 NS	14	T/WR									
	11MP88--16 NS	16	T/WR									
	11MP88--18 NS	18	T/WR | N or DN									
	11MP88--20 NS	20	N or DN									
	11MP88--22 NS	22	N or DN									
	11MP88--24 NS	24	N or DN									
	11MP88--26 NS	26	N or DN									
	11MP88--28 NS	28	N or DN									
	11MP88--30 NS	30	N or DN | WB									
	11MP88--32 NS	32	WB									
	11MP88--34 NS	34	WB									
	11MP88--36 NS	36	WB									
	11MP88--38 NS	38	WB									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP88--40 NS	40	WB									
	11MP88--42 NS	42	WB									
	11MP88--44 NS	44	B									
	11MP88--46 NS	46	B									
	11MP88--48 NS	48	B									
	11MP88--50 NS	50	B									
	11MP88--52 NS	52	B									
	11MP88--54 NS	54	B									
	11MP88--56 NS	56	(mine workin gs)									
	11MP88--58 NS	58	(mine workin gs)									
	11MP88--60 NS	60	(mine workin gs)									
	11MP88--62 NS	62	(mine workin gs)									
	11MP88--63 NS	63	(mine workin gs)									
Pre-1955 Main Processing Area	11MP89SB02	2	T/WR | F									
	11MP89SB04	4	T/WR									
	11MP89SB06	6	F									
	11MP89SB08	8	F | T/WR			X		X	X		X	
	11MP89SB10	10	T/WR								X	
	11MP89SB12	12	N									
	11MP89SB14	14	N									
	11MP89SB16	16	N									
	11MP89SB18	18	N									
	11MP89SB20	20	N									
	11MP89SB22	22	N									
	11MP89SB24	24	WB									
	11MP89SB26	26	WB									
	11MP89SB28	28	WB									
	11MP89SB30	30	WB									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP89SB32	32	WB									
	11MP89SB34	34	WB									
	11MP89SB35	35	WB									
	11MP89SB37	37	WB									
	11MP89--38 NS	38	WB									
	11MP89--40 NS	40	WB									
	11MP89--41 NS	41	WB									
	MW04 0-2 NS	2	T/WR									
	MW04 2-4 NS	4	T/WR									
	MW04 4-6 NS	6	T/WR									
	MW04 6-8 NS	8	T/WR									
	MW04 8-10 NS	10	T/WR									
	MW04 10-12 NS	12	T/WR									
	MW04 12-14 NS	14	T/WR									
	MW04 14-16 NS	16	T/WR									
	MW04 16-18 NS	18	T/WR | DN or F									
	MW04 18-20 NS	20	DN or F									
	MW04 20-22 NS	22	DN or F									
	MW04 22-24 NS	24	DN or F									
	MW04 24-26 NS	26	DN or F									
	MW04 26-28 NS	28	DN or F									
	MW04 28-30 NS	30	DN or F									
	MW04 30-31 NS	31	N									
	MW06 0-2 NS	2	T/WR									
	MW06 2-4 NS	4	T/WR									
	MW06 4-6 NS	6	T/WR					X				
	MW06 6-8 NS	8	N									
	MW06 8-10 NS	10	N									
	MW06 10-12 NS	12	N									
	MW06 12-14 NS	14	N									
	MW06 14-16 NS	16	N									

Table B-7 Surface and Subsurface Soil Types, Pre-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	MW06 16-18 NS	18	N									
	MW06 18-20 NS	20	N									
	MW06 20-22 NS	22	N									
	MW06 22-24 NS	24	N									
See Table B-1 for soil type descriptions Key: bgs = below ground surface NS = Not Sampled												

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Post-1955 Main Processing Area	10MP030405SS	SS	T/WR	X							X	
	10MP06070809SS	SS	T/WR	X		X		X			X	
	10MP01SS	SS	N									
	11MP01SB02	2	N									
	11MP01SB04	4	N									
	11MP01SB06	6	N									
	11MP01SB08	8	N									
	11MP01SB10	10	N									
	11MP01SB12	12	N									
	11MP01SB14	14	N									
	11MP01SB16	16	N									
	10MP02SS	SS	Stockpi led Ore					X	X		X	
	10MP03SS	SS	T/WR	X							X	
	10MP04SS	SS	T/WR	X							X	
	10MP05SS	SS	T/WR	X							X	
	10MP06SS	SS	T/WR	X							X	
	10MP07SS	SS	T/WR	X							X	
	10MP08SS	SS	T/WR	X		X		X			X	
	10MP09SS	SS	T/WR			X		X			X	
	10MP10SS	SS	T/WR	X				X				

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP10SB02	2	DN (cut & fill)									
	11MP10SB04	4	WB									
	11MP10SB06	6	WB									
	10MP11SS	SS	T/WR	X								
	11MP11SB02	2	T/WR	X		X			X	X	X	
	11MP11SB04	4	T/WR			X			X	X	X	
	11MP11SB06	6	N									
	11MP11SB08	8	N									
	10MP12SS	SS	T/WR	X						X	X	
	11MP12SB02	2	T/WR	X							X	
	11MP12SB04	4	F									
	11MP12SB06	6	F									
	11MP12SB08	8	DN (cut & fill)									
	11MP12SB10	10	DN (cut & fill)									
	11MP12SB12	12	DN (cut & fill)									
	11MP12SB14	14	N									
	11MP12SB16	16	WB									
	11MP12SB18	18	WB									
	11MP12--20 NS	20	B									
	11MP12--22 NS	22	B									
	10MP13SS	SS	T/WR	X				X			X	
	11MP13SB02	2	T/WR									
	11MP13SB04	4	F	X								
	11MP13SB06	6	DN (cut & fill)									
	10MP14SS	SS	T/WR	X							X	
Post-1955 Main Processing Area	11MP14SB02	2	T/WR								X	
	11MP14SB04	4	T/WR			X	X	X			X	
	11MP14SB06	6	DN (cut & fill)									
	11MP14SB08	8	DN (cut & fill)									
	11MP14SB10	10	DN (cut & fill)									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP14SB12	12	DN (cut & fill)									
	11MP14SB14	14	DN (cut & fill)									
	11MP14SB16	16	DN (cut & fill)									
	11MP14SB18	18	DN (cut & fill)									
	11MP14SB20	20	DN (cut & fill)									
	11MP14SB22	22	DN (cut & fill)									
	11MP14SB24	24	DN (cut & fill)									
	11MP14SB26	26	DN (cut & fill)									
	11MP14SB28	28	DN (cut & fill)									
	11MP14SB30	30	WB									
	11MP14SB32	32	WB | B									
	11MP14SB34	34	B									
	11MP14SB36	36	B									
	11MP14SB38	38	B									
	11MP14SB40	40	B									
	11MP14SB42	42	B									
	11MP14SB44	44	B									
	11MP14SB46	46	B									
	11MP14SB48	48	B									
	11MP14SB50.5	50	B									
	11MP14SB52	52	B									
	11MP14SB54	54	B									
	11MP14SB56	56	B									
	11MP14SB58	58	B									
	11MP14--60 NS	60	B									
	10MP15SS	SS	T/WR									
	11MP15SB02	2	T/WR								X	
	11MP15SB04	4	DN (cut & fill)									
	11MP15SB06	6	DN (cut & fill)									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP15SB08	8	DN (cut & fill)									
	10MP16SS	SS	T/WR	X							X	
	11MP16SB02	2	T/WR	X							X	
	11MP16SB04	4	DN (cut & fill)									
	11MP16SB06	6	DN (cut & fill)									
	11MP16SB08	8	DN (cut & fill)									
	11MP16SB10	10	DN (cut & fill)									
	10MP17SS	SS	T/WR	X		X						
	11MP17SB02	2	T/WR					X				
	11MP17SB04	4	T/WR					X				
	11MP17SB06	6	F									
	11MP17SB08	8	F									
	11MP17SB10	10	F									
	11MP17SB12	12	F									
	11MP17SB14	14	DN (cut & fill)									
	11MP17SB16	16	DN (cut & fill)									
	11MP17SB18	18	DN (cut & fill)									
	11MP17SB20	20	DN (cut & fill)									
	11MP17SB22	22	DN (cut & fill)									
	11MP17SB24	24	DN (cut & fill)									
	11MP17SB26	26	DN (cut & fill)									
	11MP17SB28	28	DN (cut & fill)									
	11MP17SB30	30	DN (cut & fill)									
	11MP17SB32	32	DN (cut & fill) | WB									
Post-1955 Main Processing Area	10MP18SS	SS	T/WR									
	11MP18SB02	2	T/WR | DN (cut	X							X	

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
			& fill)									
	11MP18SB04	4	DN (cut & fill)									
	11MP18SB06	6	DN (cut & fill)									
	11MP18SB08	8	DN (cut & fill)									
	11MP18SB10	10	DN (cut & fill)									
	11MP18SB12	12	DN (cut & fill)									
	11MP18SB14	14	DN (cut & fill)									
	11MP18SB16	16	DN (cut & fill)									
	11MP18SB18	18	DN (cut & fill)									
	11MP18SB20	20	DN (cut & fill)									
	11MP18SB22	22	N									
	10MP19SS	SS	N or DN									
	11MP19SB02	2	N									
	11MP19SB04	4	N									
	11MP19SB06	6	WB									
	10MP20SS	SS	F									
	11MP20SB02	2	DN (cut & fill)									
	11MP20SB04	4	DN (cut & fill)									
	11MP20SB06	6	DN (cut & fill)									
	11MP20SB08	8	DN (cut & fill)									
	11MP20SB10	10	DN (cut & fill)									
	11MP20SB12	12	DN (cut & fill)									
	11MP20SB14	14	N									
	11MP20--16 NS	16	WB									
	11MP20--18 NS	18	B									
	11MP20--20 NS	20	B									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP20--22 NS	22	B									
	11MP20--24 NS	24	B									
	11MP20--26 NS	26	B									
	11MP20--28 NS	28	B									
	11MP20--30 NS	30	B									
	11MP20--31 NS	31	B									
	10MP21SS	SS	F									
	11MP21SB02	2	DN (cut & fill)									
	11MP21SB04	4	DN (cut & fill)									
	11MP21SB06	6	DN (cut & fill)									
	11MP21SB08	8	DN (cut & fill)									
	11MP21SB10	10	DN (cut & fill)									
	11MP21SB12	12	DN (cut & fill)									
	11MP21SB14	14	DN (cut & fill)									
	11MP21SB16	16	N									
	10MP22SS	SS	T/WR	X							X	
	11MP22SB02	2	T/WR	X							X	
	11MP22SB04	4	T/WR	X		X					X	
	11MP22SB06	6	T/WR	X		X						
	11MP22SB08	8	T/WR	X		X						
	11MP22SB10	10	T/WR	X		X					X	
	11MP22SB12	12	T/WR									
	11MP22SB14	14	T/WR									
	11MP22SB16	16	DN (cut & fill)									
	10MP23SS	SS	T/WR	X							X	
	11MP23SB02	2	T/WR									
	11MP23SB04	4	T/WR		X			X	X		X	
	11MP23SB06	6	T/WR		X	X		X			X	
	11MP23SB08	8	T/WR					X				
	11MP23SB10	10	T/WR					X				
	11MP23SB12	12	T/WR			X		X				

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP23SB14	14	T/WR			X		X				
	11MP23SB16	16	T/WR									
	11MP23SB18	18	T/WR									
	11MP23SB20	20	T/WR | RDCA									
	10MP24SS	SS	T/WR	X				X	X		X	
	11MP24SB02	2	T/WR			X						
	11MP24SB04	4	T/WR									
	11MP24SB06	6	T/WR					X			X	
	11MP24SB08	8	T/WR									
	11MP24SB10	10	T/WR		X						X	
	11MP24SB12	12	T/WR		X						X	
	11MP24SB14	14	T/WR	X	X						X	
	11MP24SB16	16	T/WR		X						X	
	11MP24SB18	18	T/WR		X						X	
	11MP24SB20	20	T/WR | N		X							
	11MP24SB22	22	N									
Post-1955 Main Processing Area	10MP25SS	SS	T/WR									
	11MP25SB02	2	T/WR	X				X				
	11MP25SB04	4	T/WR	X	X			X				
	11MP25SB06	6	T/WR	X	X			X				
	11MP25SB08	8	T/WR	X	X			X				
	11MP25SB10	10	T/WR	X	X			X				
	11MP25SB12	12	T/WR	X	X			X				
	11MP25SB14	14	T/WR	X	X			X				
	11MP25SB16	16	T/WR	X	X			X			X	
	11MP25SB18	18	T/WR	X	X			X			X	
	11MP25SB20	20	RDCA									
	11MP25SB22	22	RDCA									
	11MP25SB24	24	RDCA									
	11MP25SB26	26	RDCA									
	11MP25SB28	28	RDCA									
	11MP25SB30	30	RDCA									
	11MP25SB32	32	RDCA									
	11MP25SB34	34	RDCA									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP25SB36	36	RDCA | WB									
	10MP26SS	SS	T/WR	X							X	
	11MP26SB02	2	T/WR	X								
	11MP26SB04	4	T/WR	X				X				
	11MP26SB06	6	T/WR									
	11MP26SB08	8	T/WR	X	X					X		
	11MP26SB10	10	T/WR	X						X		
	11MP26SB12	12	T/WR	X						X		
	11MP26SB14	14	T/WR	X						X		
	11MP26SB16	16	T/WR | N	X								
	11MP26SB18	18	N									
	10MP27SS	SS	T/WR									
	11MP27SB02	2	T/WR							X	X	
	11MP27SB04	4	N									
	11MP27SB06	6	N									
	10MP28SS	SS	T/WR	X							X	
	11MP28SB02	2	T/WR							X		
	11MP28SB04	4	T/WR					X	X	X	X	
	11MP28SB06	6	T/WR		X			X		X	X	
	11MP28SB08	8	N									
	11MP28SB10	10	N									
	10MP29SS	SS	T/WR	X							X	
	11MP29SB02	2	T/WR	X								
	11MP29SB04	4	T/WR	X								
	11MP29SB06	6	T/WR	X								
	11MP29SB08	8	T/WR	X								
	11MP29SB10	10	T/WR	X				X				
	11MP29SB12	12	T/WR	X				X				
	11MP29SB14	14	T/WR	X							X	
	11MP29SB16	16	T/WR	X							X	
	11MP29SB18	18	T/WR									
	11MP29SB20	20	N or DN									
	11MP29SB22	22	RDCA									
	11MP29SB24	24	RDCA									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP29SB26	26	RDCA									
	10MP30SS	SS	T/WR	X							X	
	11MP30SB02	2	T/WR									
	11MP30SB04	4	T/WR									
	11MP30SB06	6	T/WR					X				X
	11MP30SB08	8	T/WR					X				X
	11MP30SB10	10	N or DN									
	11MP30SB12	12	N or DN									
	11MP30SB14	14	N or DN									
	11MP30SB16	16	N or DN									
	11MP30SB18	18	N or DN									
	11MP30SB20	20	N									
	11MP30--21 NS	21	N									
Post-1955 Main Processing Area	10MP31SS	SS	B									
	11MP31SB02	2	B									
	11MP31SB04	4	B									
	11MP31--06 NS	6	B									
	11MP31--08 NS	8	B									
	11MP31--10 NS	10	B									
	11MP31--12 NS	12	B									
	11MP31--14 NS	14	B									
	11MP31--16 NS	16	B									
	11MP31--18 NS	18	B									
	11MP31--20 NS	20	B									
	11MP31--22 NS	22	B									
	11MP31--24 NS	24	B									
	11MP31--26 NS	26	B									
	11MP31--28 NS	28	B									
	11MP31--30 NS	30	B									
	11MP31--32 NS	32	B									
	11MP31--34 NS	34	B									
	11MP31--36 NS	36	B									
	11MP31--38 NS	38	B									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP31--39 NS	39	B									
	10MP32SS	SS	FT									
	11MP32SB02	2	FT									
	11MP32SB04	4	FT									
	11MP32SB06	6	FT									
	11MP32SB08	8	FT									
	11MP32SB10	10	N or DN									
	11MP32SB12	12	N or DN									
	11MP32SB14	14	N or DN									
	10MP33SS	SS	N									
	11MP33SB02	2	N									
	11MP33SB04	4	B									
	11MP33--06 NS	6	B									
	11MP33--08 NS	8	B									
	11MP33--10 NS	10	B									
	11MP33--12 NS	12	B									
	11MP33--14 NS	14	B									
	11MP33--16 NS	16	B									
	11MP33--18 NS	18	B									
	11MP33--20 NS	20	B									
	11MP33--22 NS	22	B									
	11MP33--24 NS	24	B									
	11MP33--26 NS	26	B									
	11MP33--28 NS	28	B									
	11MP33--30 NS	30	B									
	11MP33--32 NS	32	B									
	11MP33--34 NS	34	B									
	11MP33--36 NS	36	B									
	11MP33--38 NS	38	B									
	11MP33--40 NS	40	B									
	11MP33--42 NS	42	B									
	10MP34SS	SS	FT									
	11MP34SB02	2	FT									
	11MP34SB04	4	FT									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP34SB06	6	FT									
	11MP34SB08	8	FT | N or DN									
	11MP34SB10	10	N or DN									
	11MP34SB12	12	N or DN									
	11MP34SB14	14	N or DN									
	11MP34SB16	16	N or DN									
	11MP34SB18	18	N or DN									
	11MP34SB20	20	WB									
	11MP34--22 NS	22	WB | B									
Post-1955 Main Processing Area	10MP35SS	SS	T/WR	X							X	X
	11MP35SB02	2	T/WR	X							X	X
	11MP35SB04	4	T/WR	X							X	X
	11MP35SB06	6	T/WR	X							X	
	11MP35SB08	8	T/WR	X							X	
	11MP35SB10	10	T/WR									
	11MP35SB12	12	T/WR									
	11MP35SB14	14	T/WR									
	11MP35SB16	16	T/WR									
	11MP35SB18	18	WB									
	11MP35SB20	20	WB									
	11MP35--22 NS	22	B									
	10MP36SS	SS	FT									
	11MP36SB02	2	FT									
	11MP36SB04	4	FT									
	11MP36SB06	6	FT									
	11MP36SB08	8	FT | F									
	11MP36SB10	10	F | FT									
	11MP36SB12	12	WB									
	11MP36SB14	14	WB									
	11MP36SB16	16	WB									
	10MP37SS	SS	DN or F									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP37SB02	2	DN or F									
	11MP37SB04	4	DN or F									
	11MP37SB06	6	DN or F									
	11MP37SB08	8	DN or F									
	11MP37SB10	10	N or DN									
	11MP37SB12	12	N or DN									
	11MP37SB14	14	N or DN | WB									
	11MP37SB16	16	WB									
	11MP37SB18	18	WB									
	11MP37SB20	20	WB									
	11MP37SB22	22	WB | B									
	10MP38SS	SS	T/WR									
	11MP38SB02	2	T/WR								X	X
	11MP38SB04	4	T/WR								X	X
	11MP38SB06	6	T/WR									
	11MP38SB08	8	T/WR								X	X
	11MP38SB10	10	T/WR (+ possible FT)	X								
	11MP38SB12	12	T/WR	X								
	11MP38SB14	14	TWR | N or DN									
	11MP38SB16	16	N or DN									
	10MP39SS	SS	T/WR	X							X	
	11MP39SB02	2	T/WR								X	X
	11MP39SB04	4	T/WR								X	X
	11MP39SB06	6	T/WR								X	X
	11MP39SB08	8	T/WR								X	X
	11MP39SB10	10	T/WR									X
	11MP39SB12	12	N, DN, or F									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP39SB14	14	WB									
	11MP39--16.5 NS	16.5	B									
Post-1955 Main Processing Area	10MP40SS	SS	T/WR									
	11MP40SB02	2	T/WR	X								
	11MP40SB04	4	T/WR	X								X
	11MP40SB06	6	T/WR									
	11MP40SB08	8	T/WR	X							X	
	11MP40SB10	10	B									
	11MP40SB12	12	B									
	11MP40--14.5 NS	14.5	B									
	10MP67SS	SS	T/WR	X		X					X	
	10MP68SS	SS	F									
	11MP91--02 NS	2	T/WR									
	11MP91--04 NS	4	T/WR									
	11MP91--06 NS	6	T/WR									X
	11MP91--08 NS	8	T/WR									X
	11MP91--10 NS	10	N or DN									
	11MP91--12 NS	12	N or DN									
	11MP91--14 NS	14	N or DN									
	11MP91--16 NS	16	N or DN									
	11MP91--18 NS	18	N or DN									
	11MP91--20 NS	20	N or DN									
	11MP91--22 NS	22	N or DN									
	11MP91--24 NS	24	N or DN | WB									
	11MP91--26 NS	26	WB									
	11MP91--28 NS	28	B									
	11MP91--30 NS	30	B									
	11MP91--32 NS	32	B									
	11MP91--34 NS	34	B									
	11MP91--36 NS	36	B									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11MP91--38 NS	38	B									
	11MP91--40 NS	40	B									
	11MP91--42 NS	42	B									
	11MP91--44 NS	44	B									
	11MP91--46 NS	46	B									
	11MP91--48 NS	48	B									
	11MP91--50 NS	50	B									
	11MP91--51.5 NS	51.5	B									
	MW01 0-2 NS	2	T/WR									
	MW01 2-4 NS	4	T/WR									
	MW01 4-6 NS	6	T/WR									
	MW01 6-8 NS	8	T/WR									
	MW01 8-10 NS	10	T/WR									
	MW01 10-12 NS	12	T/WR									
	MW01 12-14 NS	14	T/WR									
	MW01 14-16 NS	16	T/WR									
	MW01 16-18 NS	18	T/WR									
	MW01 18-20 NS	20	T/WR | N									
	MW01 20-22 NS	22	N									
	MW01 22-24 NS	24	N									
	MW01 24-26 NS	26	N									
	MW01 26-28 NS	28	N									
	MW01 28-30 NS	30	N									
	MW01 30-31 NS	31	N									
	MW03SB 0-2 NS	2	T/WR & FT									
	MW03SB 2-4 NS	4	T/WR & FT									
	MW03SB 4-6 NS	6	T/WR & FT									
	MW03SB 6-8 NS	8	T/WR & FT									
	MW03SB 8-10 NS	10	T/WR & FT									
	MW03SB 10-12 NS	12	T/WR & FT									
	MW03SB 12-14 NS	14	F									

Table B-8 Surface and Subsurface Soil Types, Post-1955 Main Processing Area

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	MW03SB 14-16 NS	16	N or DN									
	MW03SB 16-18 NS	18	N or DN									
	MW03SB 18-20 NS	20	N or DN									
	MW03SB 20-22 NS	22	N or DN									
	MW03SB 22-24 NS	24	N or DN									
	MW03SB 24-26 NS	26	N or DN									
	MW07 0-2 NS	2	N or DN									
	MW07 2-4 NS	4	N or DN									
	MW07 4-6 NS	6	N or DN									
	MW07 6-8 NS	8	N or DN									
	MW07 8-10 NS	10	N or DN									
	MW07 10-12 NS	12	N or DN									
	MW07 12-14 NS	14	N or DN									
	MW07 14-16 NS	16	N or DN									
	MW07 16-18 NS	18	N or DN									
	MW07 18-20 NS	20	N or DN									
	MW07 20-21 NS	21	N or DN									
	10OP01SS	SS	Tailings	X							X	

See Table B-1 for soil type descriptions
Key:
bgs = below ground surface
NS = Not Sampled

Table B-9 Surface and Subsurface Soil Types, Red Devil Creek Downstream Alluvial Area and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
Red Devil Creek Downstream Alluvial Area and Delta	10RD01SS	SS	N or DN									
	11RD01SB02	2	N or DN									
	11RD01SB04	4	N or DN									
	11RD01SB06	6	N or DN									
	11RD01SB08	8	N or DN									
	11RD01SB10	10	KRA									
	11RD01SB12	12	KRA									
	11RD01SB14	14	KRA									
	11RD01SB16	16	KRA									
	10RD02SS	SS	Mixed RDCA, Soil, and T/WR	X								
	11RD02SB02	2	Mixed RDCA, Soil, and T/WR	X							X	
	11RD02SB04	4	Mixed RDCA, Soil, and T/WR	X							X	
	11RD02SB06	6	Mixed RDCA, Soil, and T/WR									
	11RD02SB08	8	Mixed RDCA, Soil, and T/WR									
	11RD02SB10	10	Mixed RDCA, Soil, and T/WR									
	11RD02SB12	12	KRA									

Table B-9 Surface and Subsurface Soil Types, Red Devil Creek Downstream Alluvial Area and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11RD02SB14	14	KRA									
	10RD03SS	SS	Mixed RDCA, Soil, and T/WR									
	11RD03SB02	2	Mixed RDCA, Soil, and T/WR					X			X	X
	11RD03SB04	4	Mixed RDCA, Soil, and T/WR								X	X
	11RD03SB06	6	Mixed RDCA, Soil, and T/WR								X	X
	11RD03SB08	8	Mixed RDCA, Soil, and T/WR								X	
	11RD03SB10	10	Mixed RDCA, Soil, and T/WR									
	11RD03SB12	12	KRA									
	11RD03SB14	14	KRA									
	11RD03SB16	16	KRA									
	10RD04SS	SS	T/WR					X			X	
	11RD04SB02	2	T/WR | N	X							X	
	11RD04SB04	4	N									
	11RD04SB06	6	N									
	11RD04SB08	8	N									
	11RD04SB10	10	KRA and/or RDCA									

Table B-9 Surface and Subsurface Soil Types, Red Devil Creek Downstream Alluvial Area and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11RD04SB12	12	KRA and/or RDCA									
	11RD04SB14	14	KRA and/or RDCA									
	10RD05SS	SS	N or DN									
	11RD05SB02	2	N or DN									
	11RD05SB04	4	N or DN									
	11RD05SB06	6	N or DN									
	11RD05SB08	8	N or DN									
	11RD05SB10	10	N or DN									
	11RD05SB12	12	N or DN									
	11RD05SB14	14	N or DN									
	11RD05SB16	16	WB									
	11RD05--18 NS	18	WB									
	11RD05--20 NS	20	B									
	11RD05--22 NS	22	B									
	11RD05--24 NS	24	B									
	11RD05--25 NS	25	B									
	10RD06SS	SS	DN with local fill									
	11RD06SB02	2	DN with local fill									
	11RD06SB04	4	DN with local fill									
	11RD06SB06	6	DN with local fill	X								

Table B-9 Surface and Subsurface Soil Types, Red Devil Creek Downstream Alluvial Area and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11RD06SB08	8	N or DN									
	11RD06SB10	10	N or DN									
	11RD06SB12	12	WB									
	11RD06SB14	14	WB | B									
	10RD07SS	SS	DN with local fill									
	11RD07SB02	2	DN with local fill									
	11RD07SB04	4	DN with local fill									
	11RD07SB06	6	N or DN									
	11RD07SB08	8	N or DN									
	11RD07SB10	10	N or DN									
	11RD07SB12	12	B									
	10RD20SS	SS	T/WR (road base)									
	11RD20SB02	2	T/WR (road base)									
	11RD20SB04	4	N									
	11RD20SB05	6	N									
	11RD20SB06	8	N									
	11RD20SB08	10	N									
	11RD20SB10	12	N									
	11RD20SB12	14	N									
	11RD20SB14	16	N									
	11RD20SB16	18	N									
	11RD20SB18	20	WB									
	11RD20SB20	22	WB									

Table B-9 Surface and Subsurface Soil Types, Red Devil Creek Downstream Alluvial Area and Delta

Area	Sample ID	Bottom Depth of Soil Interval (feet bgs)	Interpreted Soil Type	Red Porous Rock	Vitrious Material	Stibnite	Elemental Hg	Cinnabar	Realgar	Orpiment	Vein Material	Distinctive Red Rind
	11RD20--22 NS	24	B									
	11RD20--23 NS	23	B									
See Table B-1 for soil type descriptions Key: bgs = below ground surface NS Not Sampled												