Contractor _____ Coordinates _____ Project _____ Hole No. R88-458

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 7

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1	350-355		Tkp					
			80				Tqtp	355-650 QUARTZ TRACHYTE PORPHYRY w/ 5-10% Tkp	(355-510) 1-3% FeS2			
					370-375							
					395-400							
					420-425							
					445-450							
					470-475							
					495-500							
								(510-520) 40-45% Tkp	(510-540) 3-5% FeS2			
					520-525							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-458

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 7

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION Massive, Disseminated, Veinfill, Replacement / TYPE	ASSAY Au	ASSAY Ag
			80	1	525-530		Tqtp				
									(540 - 580) 1-3% FeS_2		
					545-550						
					570-575						
									(580 - 585) 3-5% FeS_2		
									(585 - 640) 1-3% FeS_2		
					595-600						
					620-625						
									(640 - 660) 4-6% FeS_2		
					645-650						
			60				Ttp	650 - 730 TRACHYTE PORPHYRY - dr. gray matrix			
								w/ 650 - 665 15-20% Tqtp			
									(660 - 695) 7-9% FeS_2 diss loose		
								(665 - 695) 2-4% PC schist			
					670-675						
					695-700				(695 - 705) 2-4% FeS_2		

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-458

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 7

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES % (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	1	700-705		Ttp	(700 - 730) 4-10% PC schist			
									(705 - 755) 6-8% FeS_2		
					720-725			(720 - 750) 3-4% yellow oxidation of PC.			
			10				PC	730 - 890 PRECAMBRIAN SCHIST	730 - 775 FRACTURED.		
								w/ 10-20% Ttp interval in PC fabric.			
					745-750						
									(755 - 790) 4-6% FeS_2		
					770-775						
									(790 - 850) 2-4% FeS_2		
					795-800						
									800 - 815 FRACTURED		
					820-825						
									835-850 FRACTURED		
					845-850						
									(850 - 870) 6-8% FeS_2		
									855 - 880 FRACTURED		
					870-875				(870 - 885) 3-5% FeS_2		

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-45B

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 7

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DRILL CUTTING LOG

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			10	1	875-880		PC				
									(885-890) 6-8% FeS_2		
			60				Tkp	890-1055 TRACHYTE PORPHYRY	(890-905) 4-6% FeS_2		
					895-900						
									905-930 FRACTURED		
									(905-910) 15-20% FeS_2		
									(910-925) 3-5% FeS_2		
					920-925						
									(925-945) 6-8% FeS_2		
					945-950				(945-955) 3-5% FeS_2		
									(955-970) 6-8% FeS_2		
									965-970 FRACTURED		
					970-975				(970-995) 3-5% FeS_2		
								(980-1045) 2-4% PC schist.			
							"		990-995 FRACTURED		
					995-1000				(995-1000) 6-8% FeS_2		
									(1000-1045) 9-11% FeS_2		
					1070-1075						
								(1045-1055) 10-15% PC schist			
					1045-1050				(1045-1055) 6-8% FeS_2		

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-458

Drill Type _____ Casing Depth _____ State _____ Sheet 7 of 7

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY: Au	ASSAY: Ag
			60	1	1050-1055		TRP					
								HOLE TD @ 1055'				
								-LOST BIT BEARING IN HOLE				

DRILL CUTTING LOG

Logged by: _____