Contractor _____ Coordinates _____ Project _____ Hole No. ZBB-485

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 8

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	Ag
			60	1	175-180		Ttp					
					195-200							
									(210-235) 3-4% FeS_2, 3-5% oxide.			
					220-225							
									(235-280) 1-3% FeS_2			
					245-250			(245-275) matrix unaltered.				
					270-275			(275-305) 3-4% matrix altered to yellow clay & pyrophyllite	(280-305) 3-4% FeS_2			
					295-300				(305-390) 2-3% FeS_2			
					320-325							
					345-350							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-485

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 8

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	350-355		Tep					
					370-375							
									(390 - 420) 3-5% FeS_2			
					395-400							
					420-425				(420 - 435) 2-4% FeS_2			
									(435 - 470) 3-5% FeS_2			
					445-450							
					470-475				(470 - 640) 1-3% FeS_2			
					495-500							
									515 - 540 FRACTURED.			
					520-525							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-485

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 8

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	525-530		Tkp					
					545-550							
					570-575							
					595-600							
					620-625							
									(640-655) 3-5% FeS_2			
					645-650							
									(655-670) 1-3% FeS_2			
					670-675				(670-690) 5-7% FeS_2			
								(680-740) 3-5% PC schist.				
									685-690 FRACTURED. (690-740) 3-5% FeS_2			
					695-700							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-485

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 8

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		700-705		TEP					
					720-725							
									725-740 FRACTURED.			
					745-750							
					770-775				(760-785) 2-3% FeS2			
					785-800				(785-800) 3-5% FeS2 790-800 FRACTURED			
									(800-905) 2-3% FeS2			
					820-825							
									825-835 FRACTURED			
					845-850							
									860-860 FRACTURED			
					870-875							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-485

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 8

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	875-880		Ttp				
								(890-895) 10-15% PC schist.			
					895-900						
									(905-945) 5-7% FeS2		
					920-925						
									925-930 FRACTURED		
					945-950				(945-950) 3-5% FeS2 (950-1000) 1-3% FeS2		
					970-975						
								(980-990) 2-4% yellow clay alteration of matrix.			
					995-1000			<fluorite>	995-1005 FRACTURED. (1000-1060) 3-5% FeS2		
								<fluorite; 1010-1040>	1010-1040 FRACTURED		
					1020-1025						
					1045-1050			(1040-1075) ~~quartz phase~~ tr-1% square & circular. - secondary.			

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-485

Drill Type _____ Casing Depth _____ State _____ Sheet 7 of 8

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	Ag
			60	1	1050-1055		Ttp					
									(1060 – 1075) 2-3% FeS2			
					1070-1075				1070 – 1085 FRACTURED			
								<fluorite>	(1075-1240) 1- 2% FeS2			
			80				Tqtp	1075 – 1160 QUARTZ TRACHYTE PORPHYRY - 1-2% quartz phenos w/ embayments - matrix resembles Ttp in matrix color & phenos density.				
					1095-1100							
									1100-1105 FRACTURED			
									1115 – 1365 FRACTURED.			
					1120-1125							
					1145-1150							
			10				PC	1160 – 1170 PRECAMBRIAN SCHIST w/ 5-15% Tqtp				
			80		1170-1175		Tqtp	1170 – 1325 QUARTZ TRACHYTE PORPHYRY - 1-2% quartz phenos in matrix w/ embayments. matrix color & mineral density more resembalent of Ttp				
					1195-1200							
					1220-1225							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-485

Drill Type _____ Casing Depth _____ State _____ Sheet 8 of 8

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
			80	1	1225-1230		Tgkp					
									(1240 - 1300) 2-3% FeS2			
					1245-1250							
					1270-1275							
					1295-1300							
									(1300 - 1325) 3-5% FeS2			
					1320-1325							
			10				PC	1325 - 1365 PRECAMBRIAN SCHIST	(1325 -) 1-3% FeS2			
					1345-1350							
					1360-1365							
								TD @ 1365'				

DRILL CUTTING LOG

Logged by: _____