

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION			
				0.0 - OVERBURDEN				
5				3.2 - 42.0 OTZ-SERICITE Schist PROBABLY DERIVED FROM OTZ ARENITE - LIGHT TO MEDIUM GRAY TO LIGHT GREENISH GRAY - WELL FOLIATED, FISSILE - MINOR OTZ VEINS, GENERALLY PARALLEL TO FOLIATION - MINOR GRAPHITE NOTED ALONG FOLIATION AND FRACTURE PLANES - TWO PERIODS IN OTZ VEINS - CROSS CUTTING AND // FOLIATION CROSS CUTTING WHITE, GENERALLY FRESHER				
			F ₁ 20°	5.2 - 6.1 FRACTURED CORE (POSSIBLE LOSS OF CORE?) - RUBBY, BROWN - EXTENSIVELY ALTERED AND LEACHED - PARTS ALTERED TO NEMATITE - EXTENSIVE FE STAINING				
				8.80 - 9.14 - FRACTURED CORE - WELL LEACHED SERICITIZED				
			F ₁ 18°	11.3 - 11.5 - FRACTURE ≈ 10° TO CA.				
10				18.50 - 17.5 - FRACTURE - 2 cm wide, UP TO 3 m IN LOCAL HORIZONS - FILLING WITH HEAVY - WISSEY				
			F ₁ 20°					
			F ₁ 20°					
			F ₁ 20°					
15				18.25 - 18.26 FRACTURE - NEMATITE FILLED				
			F ₁ 20°	18.30 - 18.32(?) FRACTURE POSSIBLE CORE LOSS - NEMATITE STAINED - OPPOSITE TO ABOVE FRACTURE DIRECTION - MINOR LIMONITE				
			F ₁ 20°	18.47 - 18.72 - FRACTURE - MINOR LIMONITE, NEMATITE				
			F ₁ 20°	20.90 - 20.83 - FRACTURE - NEMATITE, LIMONITE STAINED				
20				22.80 - 22.31 - FRACTURE - MINOR CORE LOSS? - LIMONITE, NEMATITE STAINED				
			F ₁ 20°	23.42 - 23.49 - FRACTURE - LIMONITE - NEMATITE STAINED - POSSIBLE CORE LOSS?				
			F ₁ 20°	23.60 - 23.65 - FRACTURE 42° to C.A. 23.87 - 24.13 - FRACTURED / BLOCKY CORE				
			F ₁ 20°	24.15 - 24.18 - FRACTURE } LIMONITE NEMATITE STAINED 24.28 - 24.24 - FRACTURE }				
25				24.47 - 24.66 - FRACTURE - WELL DEFINED NEAR // FOLIATION - WELL SERICITIZED, NEMATITE - LIMONITE				
			F ₁ 20°	25.98 - 25.97 - OTZ VEIN = 1 cm THICK				
			F ₁ 20°	26.19 - 26.25 OTZ VEIN 1-2 cm wide 27.49 - 27.50 FRACTURE				
			F ₁ 20°	27.70 - 27.73 FRACTURE - S-10° TO CA - NEMATITE STAINED 28.30 - 29.10 FRACTURE - < 10° TO CA SERICITIZED, CLAY FILLED				

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				29.37-29.57 : FRACTURE, LIMONITE NEMATITE STAINED - POSSIBLE CORE LOSS				
				30.07-30.37 : FRACTURE BLOBBY - BROKEN CORE < UNDISCERNABLE				
		OTZ 40°	FL 20°	31.82 : OTZ VEIN < 1cm THICK CROSS CUTTING 40° TO LA				
		OTZ 31°		31.92 : OTZ VEIN < 1cm THICK // FOLIATION				
			FL 20°	34.37 : OTZ VEIN - // FOLIATION < 1.0 - 1.0cm THICK				
		OTZ 10°		34.97 : OTZ VEIN - PARTLY CROSS CUTTING PARTLY // TO FOLIATION				
35		OTZ 21°	FL 20°	36.40 - 36.58 : OTZ VEIN // FOLIATION < 1cm THICK, INTERCOLLATED WITH OTZ SERICITE SCHIST				
		OTZ 20°		36.87 - 37.37 : OTZ VEINING INTERCOLLATED WITH OTZ SERICITE SCHIST // FOLIATION				
		OTZ 20°	FL 20°	38.71 : OTZ VEIN // FOLIATION } BOTH < 1cm WITH				
				38.91 : OTZ VEIN // FOLIATION } GOOD PYRITE MIN.				
		OTZ 35°		39.21 : OTZ VEIN ⊥ TO C.A. - WHITE "FRESH" VEIN				
			FL 20°	39.95 - 39.98 : FRACTURE 28° MINOR LIMONITE NEMATITE				
40			FL 20°	41.92 - 42.16 : OTZ VEINING INTERCOLLATED WITH OTZ SERICITE SCHIST - VEIN THICKNESS < 1.0cm				
				CORE FRACTURED AND RUBBY POSSIBLE SECTION OF LOSS 20.11m.				
				* 42.00 - 775 OTZ SERICITE SCHIST				
				- AS ABOVE BUT CONTAINS MORE INTERCOLLATED OTZ VEINS; PYRITE CONTENT INCREASED				
			FL 13°	42.75 - 42.81 - FRACTURE, NEMATITE LIMONITE STAINED				
45		OTZ 21°		45.81 : OTZ VEIN CROSS CUTTING, WHITE, COARSE GR. - GOOD PYRITE < 1cm THICK				
		OTZ 21°	FL 60°	46.31 - 46.38 : FRACTURE - LIMONITE AND NEMATITE STAINED / CORE LOSS				
		OTZ 15°	FL 20°	46.60 - 46.62 : OTZ VEIN // FOLIATION				
		OTZ 21°		47.50 : OTZ VEIN - WHITE IRREGULAR - CROSS CUTTING				
				47.55 : OTZ VEIN - WHITE // FOLIATION - 1cm THICK				
				48.38 - 48.45 : FRACTURE < ? - RUBBY CORE POSSIBLE LOSS.				
				49.10 - 50.80 EXTREMELY FRACTURED AND RUBBY CORE - WELL SERICITIZED WITH NUMEROUS "MUD SEAMS"? LOST CORE				
50				50.90 : OTZ VEIN - IRREGULAR SUB // TO FOLIATION				
				50.95 & 51.80 BLOBBY CORE FOLIATION STILL DISCERNABLE MINOR OTZ VEINS // TO FOLIATION				
				51.50 - 56.35 EXTREMELY FRACTURED AND RUBBY CORE ZONE COMPLETELY SERICITIZED WITH WELL DEVELOPED "MUD SEAMS" EASILY CRUMBLED BY HAND. FOLIATION DISCERNABLE ALONG SOME FRAGMENTED BLOBS. SOME OTZ VEINS PRESERVED BUT LOCATION, RELATION AND SIZE NOT DISCERNABLE				
55			FL 20°	56.45 - 56.56 : FRACTURED - NO CORE ONLY MINOR MUD				
				57.01 - 57.58(?) FRACTURED AND RUBBY CORE - AREA OF LOST CORE				
				58.0 - 60.0 ? FRACTURED AND RUBBY CORE - MINOR NEMATITE AND LIMONITE STAINING < ? FOLIATION DISCERNABLE ON SMALL BLOBS				

PAGE 6 OF 15		PROJECT:		HOLE NO. 9		
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65				60.40 - 63.42 : FRACTURE - RUBBLY + BROKEN / FRAGMENTED MUDSEAMS, < UNDISCERNABLE LOST CORE OTZ VEIN WITHIN SMALL FRAGMENT; RELATION THICKNESS AND EXTENT ?		
				64.12? - 64.62 : FRACTURE LOST CORE AS ABOVE.		
			F1	64.62 - 66.45 : BLOCKY CORE		
			F2	66.75 - FRACTURE LIMONITE - HYDRATED GRAINED SUB// TO FOLIATION 39°		
			OTZ	67.10 ? OTZ VEIN SUB// FOLIATION		
70			70.18 OTZ VEIN // FOLIATION			
			71.40 - OTZ VEINS ONE // FOLIATION ONE CROSS CUTTING @ 29° 71.45 OTZ VEIN SUBPARALLEL AND PERPENDICULAR TO FOLIATION } 16°			
			72.0 - OTZ VEINS CROSS CUTTING FOLIATION < 1cm THICK 72.5 - OTZ VEIN CROSS CUTTING @ 5° TO CA 1.5cm THICK			
			73.5 - FRACTURE - HIGHLY SERICITIZED - SUBS // FOLIATION @ 18°			
			74.5 - 2 OTZ VEINS ONE SUB// TO FOLIATION - ONE CROSS CUTTING			
75			75.4 = ? - ? FRACTURED CORE - FRAGMENTED - < ? POSSIBLE LOSS OF 0.25m CORE.			
			77.5 - 78.0? FRACTURE - ROCK SOFT AND WEL SERICITIZED (LOST CORE)			
			78.6 - ? FRACTURE - ENO DRILL RUN - LOST CORE - FRAGMENTED R.			
			78.6 - 80.1 - FOLIATION DISPLAYS SLIGHT FOLDING -			
			77.8 - 81.0 FRACTURE - BROKEN + FRAGMENTED CORE < 10° TO C.A. SUB// FOLIATION - MINOR LIMONITE			
80			81.15 - 81.75 FRACTURE - AS ABOVE - WELL SERICITIZED - CORE LOSS			
			* 77.5 - 93.5 - OTZ - FELDSPATHIC UNIT - GRADATIONAL CONTACT - FOLIATION INITIALLY DIMINISHING - LESS OTZ VEINING NOTED, ROCK DISPLAYS MORE COMPACTNESS (LESS CRUMBLY AND SOFT HORIZONS) - FRACTURES NARROWER WITH LITTLE OR NO HEMATITE / FOR LIMONITE			
			84.55 - 85.67 FRACTURE - WELL SERICITIZED, FRAGMENTED CORE; MUD SEAMS 0.65m max WID. LOST CORE.			
			87.0 - 93.45 - BLOCKY CORE DRILL RUNS SHORT - NUMEROUS FRACTURES WHOLE CORE IS FRAGMENTED. GENERALLY SUB// TO FOLIATIONS.			

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			F ₂₅					
			F ₂₅					
			F ₂₅					
95			F ₂₅	* 93.50 - 137.12 OT20- FELDSPATHIC UNIT				
			F ₂₅	- LINE SECTION 775-93.5 BUT CORE NOT				
			F ₂₅	BLOCKY OR FRAGMENTED. WELL CORED				
			F ₂₅	WITH NO NOTABLE FRACTURES.				
			F ₂₅	FOLIATION INCREASING WITH DEPTH				
			F ₂₅	NO OT2 VISIBLE, PYRITE CONTENT 5-10%				
			F ₂₅	SLIGHTLY LESS THAN ABOVE SECTION				
			F ₂₅					
100			F ₂₅	9701 - 97.05 OT2 VEW - WHITE, COARSE GRAINED WITH NO				
			F ₂₅	VISIBLE MINERALIZATION ASSOCIATED (CLEAN)				
			F ₂₅	1-2cm WIDE, RANDOMLY X CUTTING.				
			F ₂₅					
			F ₂₅					
105			F ₂₅					
			F ₂₅					
			F ₂₅					
			F ₂₅					
110			F ₂₅					
			F ₂₅					
			F ₂₅					
			F ₂₅					
115			F ₂₅					
			F ₂₅					
			F ₂₅					

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				126.05 OTZ VEIN // FOLIATION - PYRITE * 25%, < 1cm THICK CHLORITE ALTERATION ALONG FLANKS				
		OTZ						
		F136						
125		F146		127.25 - 128.23 FRACTURE - SHEAR: Rock is well SERICITIZED & EASILY CRUMBLED BY HAND - CORE WELL RECOVERED; NO LOSS				
		F130						
		F365						
		A65						
		100H						
130		F55		132.81 - ? FRACTURE, < ? - RUBBLY CORE, WELL SERICITIZED AND CRUMBLY - POSSIBLE LOSS OF 0.55m.				
		F55						
		F52						
135		OTZ		136.80 OTZ VEIN - GOOD PYRITE, CHLORITE ALTERATION ALONG CORE X CUTTING @ 60°				
		OTZ		* 137 - 154.0 OTZ - FELDSPATIC UNIT				
		50% F1		AS ABOVE - OTZ VEINING MORE DROPPING, PYRITE CONTENT SLIGHTLY MORE INCREASED				
				TEXTURALLY ROCK IS STILL THE SAME AND STILL COMPETENT EXCEPT ALONG FRACTURES				
140		OTZ		137.05 OTZ VEIN // FOLIATION - CLEAN (NO MINERALIZATION) SLIGHTLY CHLORITIC ALONG EDGE				
				137.5 - 137.55 FRACTURE SHEAR - WELL SERICITIZED // FOLIATION				
				139.85 - 139.81 SHEAR // FOLIATION (SCHISTOSITY) - CORE IS VERY FRIABLE - EASILY BROKEN BY HAND				
				WELL SERICITIZED - PYRITE CONTENT CONSISTANT				
				140.20 - 140.25 FRACTURE // SCHISTOSITY				
145				140.80 - 141.85 OTZ VEINING, CLEAN, WHITE, CHLORITIC ALTERATION ALONG EXHIBITS. IRREGULAR (OR) MIGMATITE IN APPEARANCE. - MAY OR MAY NOT // FOLIATION				
				141.20 - 142.15 - BROKEN AND SLUITY CORE, FRACTURED WITH MUO (SERICITE) INFILL. MORE RESISTANT OTZ VEINS BELLICATED.				
				143.70 - 143.90 - OTZ VEINS - IRREGULAR (MIGMATITE?)				
				144.15 2" OTZ VEINS < 1cm wide x cutting @ 80° 75°				
				144.50 OTZ VEIN - PYRITE RICH x cutting @ 25°				

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		F=35		149.0 QTZ VEINS < 1cm THICK, V.G PYRITE CONTENT SUB//FOLIATION				
				149.35 - OTZ VEIN //FOLIATION @ 55° < 1cm THICK				
				149.56 OTZ VEIN SUB//FOLIATION.				
				150.05 OTZ VEIN BOTH CROSS CUTTING AND //FOLIATION V.G.PYRITE				
				151.0 - 151.25 OTZ VEINS //FOLIATION V.G.PYRITE.				
155				153.0 - 153.15 LARGE IRREGULARLY CROSS CUTTING OTZ VEIN. EXTENSIVE SERICITE CHLORITE ALTERATION ON EITHER SIDE.				
		R=35		* 154 - 172m OTZ SERICITE SCHIST - as above				
		F=35		-FOLIATION NOT AS WELL DEVELOPED				
				-WEAK AT 55°				
		F=35		-OTZ VEINING NOT AS PROLIFIC AS ABOVE SECTION				
				but still evident (DENSITY OF ~ 6-8 veins/m)				
				-ALL < 1cm width and vary from X cutting, sub// to // WEAK FOLIATION.				
160		S=H						
		F=35						
165		R=35						
				168.48 - 168.54 FRACTURE < NOT DISCERNABLE - WITH SERICITIZED CORE POWDERY " (AS PER MINOR)				
170		F=35						
				* 172.0 - 206.86 QUARTZO-FELDSPATHIC UNIT				
				- INTERCALATED HORIZONS OF SERICITIC SCHIST				
				ROCK - VARYING FROM < 0.05 - < 0.70 METERS IN WIDTH. CONTACTS GRADATIONAL REFLECTING VARYING DEGREE IN ALTERATION				
				- FOLIATION BETTER DEVELOPED IN VERY SERICITIC HORIZON AND LESS SO IN FELDSPATHIC HORIZONS				
				- SERICITE ALTERATION FORMS IRREGULAR PATCHWORKS ACCORDING TO ALTERATION INTENSITY OUTLINING A "MARBLY" TEXTURE TO CORE. - MASSIVE FOLIATION				
				- OTZ VEINING IS PROLIFIC TO CROSS CUTTING NETWORKS, // TO SUB// TO FOLIATION AND (AS MORE COMMON) IN THE FORM OF IRREGULAR PATCHWORKS FURTHER ADDING TO THE "MARBLY" APPEARANCE OF THE ROCK.				
175				- CHLORITE ALTERATION AROUND OTZ VEIN ALONG FOLIATION				