DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

CONTRACTOR: J.T. Thomas Diamond Drilling - L. Shaw, D. Peters, G. Shaw, P. Wolnowski

DRILL TYPE: Longyear Super 38 LENGTH: 153.01 (Abandoned)

CLAIM: T463 YA-21872 Foxtrot Anomaly DIP: 90°

LATITUDE: 15600E ELEVATION: 798.53

LONGITUDE: 240 S AZIMUTH: —

HOLE STARTED: 1979 05 06 HOLE COMPLETED: 1979 05 09

ACID &/OR TRO-PARI TESTS					
DEPTH	DIP	AZIMUTH	DEPTH	DIP	AZIMUTH

HOLE NUMBER: T-78-17

SHEET 4 OF 4

PROPERTY: Tenas Joint Venture

ACCOUNT No.: 326 04 16

CORE SIZE: BQ

% CORE RECOVERY:

LOGGED BY: K. A. MacLean

INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	DESCRIPTION	SAMPLE NUMBER	% SULFIDES	INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	ASSAYS
	0.00			Collar							
0.00	39.62	39.62		Casing, triconed through boulder							
39.62	57.61	17.99		Phyllite, chloritic, altered tuffaceous, fine grained							
				waxy surface, well developed foliation 45° - 60°;							
				muscovite & chlorite, F_1 contorted along core to							
				50°. SG 39.62=2.74, 45.11=2.69, 46.02=2.85,							
				49.38=2.76, 56.99=2.75							
57.61	58.98	1.37		Phyllite, less chloritic, beige stain with yellowish							
				overtones, irreg bedding (disruptions, changing							
				attitudes and incipient F_2, soft, silty interbeds							
				beige may be ferroan dolomite & QZ crosscuts.							
59.98	60.96	0.98		Breccia, grey, siliceous, silty matrix, recemented,							
				0.5 cm frags largest, occ xenos 58.98							
				SG 60.05=2.79							
60.96	76.20	15.24		Phyllite, chloritic, muscovitic, pale olive green to							
				brown, vfg, yellowish overtones, variable F_1, F_2							

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DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-78-17 SHEET NUMBER 2 OF 4

INTERVAL (METRES)				DESCRIPTION	SAMPLE						ASSAYS				
FROM	TO	WIDTH	RCVRY		NUMBER	% SULPHIDES	INTERVAL (METRES) FROM	TO	WIDTH	RCVRY					
				mainly 60° looks pervasively slightly bleached.											
				QV @ 64.62 has fuchite SG 66.14=2.78,											
				72.23=2.76, 75.28=2.75											
76.20	79.25	3.05		Phyllite, metaseds and meta tuffs interbanded dark											
				grey and med green and buff, non calcareous &											
				non carbonated, high frequency folding, minor											
				black carb bnds 3-15 cm thick, occ a few floating											
				black lithic frags poss derived from underlying											
				unit? (DSJ) SG 78.33=2.69											
79.25	98.55	19.3		Phyllite, muscovite and chlorite, contorted f_1 @ 60°											
				occ distinct tuffacceous bands, occ sheared and											
				altered looking sections, occ brownish biotitic											
				bands, carbonated, occ metased interbands											
				SG 81.38=2.72, 84.43=2.74, 87.48-2.65,											
				90.53=2.88, 92.66=2.69, 95.10=2.72.											
98.55	100.28	1.73		Phyllite, argillaceous, dark grey-med grey, conform-											
				able contacts, sheared at U ct. carbonaceous non											
				calcareous quartz-mica graphite strong composi-											
				tional banding "typical graphitic phyll/qtzite											
				pkg of Klondike schist terrain (DSJ)											
				SG 99.97=2.69											
100.28	105.77	5.49		Phyllite, sheared biotitic chloritic and muscovite											
				60° SG 103.33=2.64, 105.16=2.80											

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DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-79-17

SHEET NUMBER 3 OF 4

INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	DESCRIPTION	SAMPLE NUMBER	% SULPHIDES	INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	ASSAYS Cu	Pb	Zn
105.77	116.13	10.36		Phyllite, sheared, chloritic, occ brn biotite			102.71	108.20	5.49		42	15	17
				30° - along core loc carb rich streaks									
				showing gradually increasing affects of stress									
				and movement in some basic constituents. "More									
				regularly banded, some brown frags may be									
				carbonated, occ amygdaloidal volc clasts. SG,									
				105.76=2.80, 107.29=2.68, 110.34=2.76, 113.39=2.74									
116.13	131.06	14.93		Metavolcs, sheared chloritic schists, light beige									
				green, tuffaceous as to 98.55. Occ fault gouge									
				sections, retains fol @ 60° - 30° SG 122.83=2.67									
131.06	133.20	2.14		Phyllite, med-dk grey, schistose and well foliated			131.06	133.20	2.14		30	04	35
				L.C. 30° sheared graph 25% loc talcy, good comp									
				layering, upper half gouged.									
133.20	141.12	7.92		Phyllite and metavolcanic, med & olive green highly									
				sheared and fol @ 60° occ pk carb veins to 1 cm									
				loc vuggy @ 133, last 1 m gouge, green									
				SG 134.41=2.64, 136.35=2.79, fine mottling due to									
				carb or clay minerals after fels, poss flow (DSJ)									
141.12	145.38	4.26		Phyllite, silvery grey, v. well foliated, 60°									
				contort and cren, "patchilly & sly calcareous									
				wkly carb musc phyll of Klondike schist (Yukon									
				Revenue Facies) of 5B but definitely not Vangorda									
				because of v argill unbanded nature, i.e., no									

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DRILL HOLE RECORD

DU PONT OF CANADA EXPLORATION LIMITED

HOLE NUMBER: T-79-17 SHEET NUMBER 4 OF 4

INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	DESCRIPTION	SAMPLE NUMBER	% SULPHIDES	INTERVAL (METRES) FROM	TO	WIDTH	RCVRY	ASSAYS Cu	Pb	Zn		
				silty CO_3 turbidite bands" (DSJ)											
				SG 142.35-2.9 (sticking)											
145.38	153.01	7.63		Gouge of unit @ 141.12 to end of hole			145.38	153.01	7.63		33	10	53		
	153.01			Foot of hole											
				NOTES:											
				1. Problem with boulders in overburden											
				2. Increasing problem as fault encountered at											
				bottom of hole and eventually stopped hole.											
				Stuck rods badly, wore out bit and shell and											
				belled core barrel. Broke a hoisting cable											
				extracting rods.											
				3. Did not reach planned depth objective of 259 m											
				to explain gravity.											
				4. Materials Used:											
				2 - 3 15/16 tricones 15 gal quick Vip mud											
				1 - BW Casing shoe 30 bags quick trol											
				1 - BQ bit 5 gal poly drill mud											
				1 - BQ shell 1 hoisting cable											
				1 - 10' core barrel											

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