LOGGED BY [signature] 006075 D.D.H. Nº KP 78-1 PAGE 1

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval m. From	Interval m. To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		FINLAYSON LAKE PROJECT — PELLY M.C. GROUP													
		LAT. 150N BRG. OF HOLE —	STARTED:		11 SEPT/78 DS				CLAIM No.	Pelly	73				
		DEP. 500 E DIP " " -90°	COMPLETED:		17 SEPT/78 N.S.										
		ELEV. 2900ft (884m) approx. DIP TESTS — NIL	PROD. DEPTH:		150m										
			ULT. DEPTH:		84.4m										
		HOLE SIZE: 0-20' (6.7m) ~ NW													
		20-40' (12.2m) ~ BW													
		40-277' (84.4m) ~ BQ													
0	6.7	OVERBURDEN													
		No core recovered. Driller report sand & small gravel in hole. Drilled ahead w/ BQ & BW.	NIL/6.7		0	6.7									
6.7	9.0	QUARTZ-GRAPHITE PHYLLITE. Gray-Black.													
		Core broken along fractures, also along foliation planes. Variable hardness, governed by amount of	0.5/2.3		6.7	9.0									
		siliceous quartz, extremely hard to medium hard; soft @ (7-7.5?).	0.2/1.1	KP78-1A	7.9	9.0	1.1								
		Graphite varies from 3% to 30%, minor pyrite cubes noted. 10% weathered brick-brown rusty spots & layers. No PbZn noted.													
		NOTE: Section from 6.7-11.0m is the only section of this drill hole where F2 may be the structure in evidence. Both F1 & F2 do not co-exist, or the core is so highly broken and core recovery so poor that neither can be determined definitely.													
		F1(?) @ 15° @ 6.7m, 70° @ 7m, tight fold @ 7.7m - axial plane @ 20° to core. 7.7m - 9m core too broken.													
9.0	11.0	QUARTZ - SERICITE PHYLLITE													
		Light orange-ochre with bands & threads of light to med. gray sericite.													
		Wavy banding similiar to Grum F2, also pieces showing two distinct fold noses. F1(?) 40-45°													

DIAMOND DRILL RECORD

LOGGED BY [illegible] D.D.H. No KP78-1

Footage - meters From	To	DESCRIPTION	Rec. meters	Sample No	Depth From	To	Sample Length
		Orange ochre color due to limonite staining. Negligible pyrite.					
11.0	11.5	QUARTZ-GRAPHITE PHYLLITE. Dark Gray-Black. Siliceous, 10% graphite. Core broken & tumbled. Graphite as dissemination within siliceous matrix. A few pyrite crystals + blebs. Negligible oxidation noted.	0.1/0.5		11.0	11.5	
11.5	16.4	QUARTZ-SERICITE PHYLLITE. Light Pale Gray. Soft, mainly sericite, uniformly pale gray. Probable alteration but no buff color bleaching seen. No sulphides.	0.07/0.5		11.5	12.0	
		F1 @ 35° @ 12.1m, 25° @ 12.7, 40° @ 13.5m, 70° @ 14.4, 50° @ 15.2m	0.9/2.0			14.0	
			0.55/2.4			16.4	
16.4	16.7	QUARTZ-GRAPHITE PHYLLITE. As 11.0-11.5m section above. Core recovered as fragments + tumbled fragments.	0.13/0.3		16.4	16.7	
16.7	26.5	QUARTZ-SERICITE ± GRAPHITE PHYLLITE. Light Gray/Med Gray. 16.7-17.8m: Mainly sericite phyllite, hard & siliceous. -23.5: " " " , sericitic + soft; appear to be fractured. -26.5: mainly sericite w/ 3-5% graphite, soft, fissile, also fractured.	0.55/1.3		16.7	18.0	
			0.25/1.4			20.4	
			0.35/3.1			23.5	
		Minor pyrite following banding.	0.4/0.6			24.0	
		F1 @ 55° @ 16.8m, 45° @ 17.1, 40° @ 17.7, 30° @ 18.6, 0° @ 22, 50° @ 22.7, 20° @ 23.8, 30° @ 24.6, 20° @ 25.6, 30° @ 26, 45° @ 26.2m	0.4/0.3			25.3	
			0.45/0.6			25.9	
			0.6/0.6			26.5	

DIAMOND DRILL RECORD

Logged By [illegible] D.D.H. # KP 78-1 page 3 of 5

DEPTH - m From	DEPTH - m To	DESCRIPTION	Rec. m.	Sample No	DEPTH From	DEPTH To	Sample Length
26.5	45.7	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Dark Gray to Black. 60% qtz, 25% Sericite, 15% graphite, 1-2% pyrite. Qtz content near uniform, sericite/graphite content varies. Graphite occurs as minute bands or threads. Fracturing not numerous, generally @ 90° to banding, often show minor offsets. Fr 20° @ 27.5m, 40° @ 27.8, 20° @ 28.1, 50° @ 29.3(?) - 31.3, 30° @ 32.4(?), 20° @ 32.6, 40° - 30° @ 33.8, 30° to 36.3m, 45° @ 36.6, 45° to 38.4, 20° @ 39.5, 10° @ 42.1, 20° @ 42.6, 45° @ 43.7(?) to 45.7m	1/1.6 0.3/3.1 2.6/5.7 0.4/2.5 0.35/0.6 0.2/1.8 0.7/0.9 0.3/3.0		26.5	28.1 31.2 36.9 39.4 40.0 41.8 42.7 45.7	
45.7	57.6	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Similar to section above, but very siliceous, hard, fractured and parts brecciated (49m-55m). Parts show thicker graphite layers, slight increase in pyrite, up to 5% between 48.6 - 50.5m. No Pb Zn noted. Because of numerous fractures, core breaks up into angular fragments. 46 - 57m rock undergone intense stress; flowlines, brecciation, slippage, warped banding (or folds), & probable drag fold @ 51.6(?). Fr 25° @ 45.8, 30° @ 48.6, 20-30° @ 49-50.9 - 57(?)	0.25/2.9 0.55/2.3 1.1/7.9 0.06/0.3		45.7	48.6 50.9 58.8 59.1	
57.6	63.3	SILICIFIED QUARTZ GRAPHITE. Medium Gray to Gray-Black. Rock 90% or more quartz, graphite disseminated within siliceous mass. 0.5% to 1% pyrite occuring along fracture planes. Multiple fractures, parts brecciated and re-cemented. Band indistinct; possibly 15° to core from 59.5-61m; 35° @ 61.4, 55° @ 62.3m(?) - 62.6m(?).	0.45/1.2 0.8/1.0 0.45/2.0		59.1	60.3 61.3 63.3	
63.3	66.1	QUARTZ - SERICITE - GRAPHITE PHYLLITE ? 0.08m of gray-black mud w/ rock chips recovered. Sludge	0.08/2.8		63.3	66.1	

DIAMOND DRILL RECORD

LOGGED BY: [illegible]

D.D.H. # KP 78-1

DEPTH From	DEPTH To	DESCRIPTION	REC. meters	Sample No.	DEPTH From	DEPTH To	SAMPLE LENGTH	ASSAY Pb	Zn	Ag	Au	Cu
		gray-black color, show quartz grains w/ flakes of sericite/graphite. A few grains pyrite but no Pb Zn noted.										
66.1	69.2	QUARTZ-SERICITE PHYLLITE. Medium Gray. 70% qtz, 30% sericite, negligible pyrite, minor graphite. Finely foliated, slightly fissile, moderately hard. F1 @ 55°	0.4/3.1		66.1	69.2						
69.2	70.7	No CORE. Cuttings show 90% qtz, 5% med. gray sericite flaky chips, 1% pyrite, no Pb Zn noted.	NIL/1.5	KP 78-1B	69.2	70.7	sludge 1.5					
70.7	72.2	No CORE. Cuttings slightly darker than above sludge, an increase in graphite content, 1-2% pyrite, no Pb Zn seen.	NIL/1.5	KP 78-1C	70.7	72.2	sludge 1.5					
72.2	73.8	No CORE. Cuttings black, graphitic; 2% pyrite.	NIL/1.4	KP 78-1D	72.2	73.6	sludge 1.4					
73.8	75.3	No CORE Cuttings black, graphitic, 1-2% pyrite	NIL/1.7	KP 78-1E	73.6	75.3	sludge 1.7					
75.3	76.8	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Dark Gray 65-70% quartz, 20 sericite, 15 graphite, 0.5% pyrite. Thinly foliated, varying hardness. F1 = 55°?	0.15/1.5		75.3	76.8						

DIAMOND DRILL RECORD — LOGGED BY [illegible] — D.D.H. # KP 78-1 —

DEPTH From	DEPTH To	DESCRIPTION	REC. meters	Sample No	DEPTH From	DEPTH To	Sample Length	ASSAY Pb	Zn	Ag	Au	Cu
76.8	78.3	No CORE. Cuttings black, graphitic, 5% pyrite, no Pb Zn seen.	Nil / 1.5	KP 78-1F	76.8	78.3	Sludge 1.5					
78.3	79.9	QUARTZ - GRAPHITE PHYLLITE. Black. 70-80% quartz, 1% pyrite. Siliceous & hard. Appear to be highly fractured & folded. F1 25° @ 79.4(?).	0.3 / 1.6		78.3	79.9						
79.9	81.1	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Med. Gray. 80% qtz, 10/10% Sericite/graphite. Siliceous & hard. Appear to be less fractured than section immed. above. Slightly fissile. Negligible pyrite. F1 40-50°	0.35 / 1.2		79.9	81.1						
81.1	84.4	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Med. to Light Gray. 50% quartz, 30 sericite, 20% graphite, negligible pyrite blebs. Very thinly foliated, fissile. Wavy & crumpled F1,4 probable drag folds. F2 faint but distinguishable from 82.8-84.4m. F1 40° @ 81.3-81.6m, 55° @ 81.8, 80° @ 82.5, 65-80° @ 82.6-84m. F2 near vertical to F1.	0.8 / 1.5 1.3 / 1.8		81.1	82.6 84.4						
	84.4	END OF HOLE.										

REMARKS: E.M. anomaly caused by graphitic rocks but geochem anomaly & gravity high not explained. Various means were tried to obtain core recovery. At 81.1m a different type of bit (Series 50 w/hard matrix), fewer but coarser diamond was used. Improved core recovery thereafter may be due to the change in rock type and core angle.

Note: 20" NW casing left in hole.

[illegible]

LOGGED BY J.W. MURTON D.D.H. Nº KP 78-3 PAGE 1 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		FINLAYSON LAKE PROJECT - PELLY CLAIMS													
		700N 194°		OCT 1/78 (DS)											
		500E -60°		OCT 5/78 (NS)											
		2930' —			187.7m.										
0	10.9	OVERBURDEN 10' N CASING 36' B CASING — LEFT IN HOLE													
10.9	21.6	QUARTZ GRAPHITE SERICITE PHYLLITE. ALL BROKEN. LIMONITE ON FRACTURES F_2? @ 90° @ 11.0. SCATTERED FAULT ZONES WITH MUD @ 12.0-12.5, CORE LOST (SLUDGE IN BOX) AT 13-14, 20.7-21?, 23.4-24?. NO APPARENT LIMONITE AFTER 19.8. SLIGHT DISSEMINATED Py 1-2%.		1.2/1.6	—	10.9	12.5								
				0.4/3.0	—	12.5	15.5								
				0.2/1.2	—	15.5	16.7								
				3.3/4.0	—	16.7	20.7								
21.6	34.2	QUARTZY ZONE. WHITE QUARTZ & GRAPHITE. HIGH CORE LOSS, - ALL BROKEN, SLUDGE IN BOX. LOOKS LIKE QUARTZ ZONE AT EDGE OF FAULT ZONE. PROBABLE FAULT ZONES THROUGHOUT SECTION. 1-2% DISS. PYRITE. RUSTY OXIDATION SPORADICALLY 31.0-34.0.		1.8/4.6	—	20.7	25.3								
				0/5.8	—	25.3	31.1								
				0.8/3.1	—	31.1	34.2								
34.2	35.8	QUARTZ GRAPHITE PHYLLITE? (MAYBE A GRAPHITIC QUARTZITE). BANDING F_1? 60°-90° to CORE. SCATTERED WHITE QUARTZ STRINGERS up TO .5CM		5.7/5.7		34.2	39.9								

LOGGED BY J.W. MURTON

D.D.H. Nº KP 78-3 PAGE 2 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
35.8	36.5	QUARTZY ZONE (2nd ary QUARTZ) DISSEM.													
		2% PYRITE. PYRITE STRINGER 0.5cm @													
		36.3. FAULTING 36.4-36.5 @ 45°-60° TO													
		CORE. GRAPHITE ON SLICKENSIDES.													
36.5	38.7	SILICEOUS GRAPHITIC PHYLLITE. BRECCIA													
		@ 37.1- FRAGMENTS OF GRAPHITIC													
		QUARTZITE IN PYRITIC GRAPHITIC SLIGHTLY													
		SILICEOUS MATRIX. PYRITE 2-3%. BLUE													
		GREEN OXIDATION ON FRACTURES @ 37.5.													
		F_1 FOLD NOSE (TIGHT) @ 37.5. QUARTZY													
		FAULT ZONE 37.6- 37.8. F_1 PARALLEL													
		TO F_2 @ 80° TO CORE @ 38.7. FAULT @ 37.7													
38.7	39.5	QUARTZY ZONE - BRECCIA													
39.5	39.9	FAULT ZONE- GRAPHITIC, WITH SILICEOUS													
		SECTIONS													
39.9	40.4	QUARTZY ZONE	0.5/0.5												
40.4	67.1	QUARTZ GRAPHITE SERICITE PHYLLITE.	7.5/10.0		40.4	50.4									
		DARK GREY TO BLACK. 80% DARK GREY	4.0/8.6		50.4	59.0									
		QUARTZ, 15% GRAPHITE, 5% SERICITE.	1.9/3.4		59.0	62.4									
		FAULT (MUD) ZONES @ 45.2, 45.6, 53.9, 55.0,	1.0/4.7		62.4	67.1									
		58.3 (QUARTZY ZONE @ 58.2), 64.5. F_1													
		PARALLEL TO F_2 70°-90° THROUGHOUT. ½-1%													

LOGGED BY J. W. MURTON

D.D.H. Nº KP 78-3 PAGE 3 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		PYRITE DISSEMINATED. HIGH CORE LOSS													
		62.4 - 67.1													
67.1	91.4	QUARTZ SERICITE GRAPHITE (MINOR)	7.1/7.1		67.1	74.2									
		PHYLLITE. VERY SLIGHT DISS. PYRITE. F_1	7.6/7.8		74.2	82.0									
		PARALLEL TO F_2 @ 70°-80° TO CORE FROM	7.0/7.0		82.0	89.0									
		67-91.4. MINOR CONTORTIONS - 71.8 - 72.4 SHOWS	2.2/2.4		89.0	91.4									
		F_1 @ 70° WITH F_2 @ 70° TO F_1. CORE IN													
		"WAFERS" FROM 71 - 82. OCCASIONAL (1 PER													
		10 m) SPOTS OF BLUE ALTERATION OR													
		OXIDATION (POWDERY BLUE COLOR). 3 CM													
		QUARTZ VEIN @ 87.1													
91.4	91.9	BUFF COLOR SERICITE, GRAPHITE FAULT	0.5/0.5												
		ZONE. SECTIONS MUD. F_2 @ 80° TO CORE.													
91.9	100.7	SERICITE QUARTZ GRAPHITE PHYLLITE.	1.6/3.2		91.9	95.1									
		80% SERICITE, 10% QUARTZ, 10% GRAPHITE.	1.0/0.7		95.1	96.3									
		F_2 @ 80°. F_1? PARALLEL TO F_2? LIGHT	0/0.7		96.3	97.0									
		GREY COLOR. QUARTZ VEIN (4 cm) @	2.9/3.7		97.0	100.7									
		98.0. FAULT (MUD) @ 100.4, 100.6													
100.7	106.4	FAULT ZONE. CORE SHEARED & BRECCIATED.													
		FRAGMENTS of GREY SERICITE PHYLLITE IN	3.6/5.7												
		GRAPHITIC MATRIX. OCCASIONAL F_2?													
		@ 80°-90°. THREADS BUFF SERICITE ALONG F_2													

LOGGED BY J.W. MURTON D.D.H. Nº KP 78-3 PAGE 4 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
106.4	106.7	SECONDARY QUARTZY ZONE. HARD &	0.3/0.3												
		POROUS IN SECTION - LOOKS HALF DISSOLVED -													
106.7	111.8	~~E~~BLEACHED BUFF WHITE CLAY, CARBONATE													
		ALTERED INTRUSIVE DIKE. NO FOLIATION													
		EXCEPT MINOR FAULTING. @45° @108.2. 1MM WHITE	2.3/3.6		106.7	110.3									
		FRAGMENTS IN CREAMY BUFF MATRIX.	0.2/1.5		110.3	111.8									
		SCATTERED DARK FRAGMENTS IN CORE													
		UP TO 1MM. WHITE MUD SECTIONS. CORE													
		LOST 110.3-111.8 (MUD). ANGULAR QUARTZ													
		SERICITE PHYLLITE FRAGMENTS IN													
		CREAMY COLORED MATRIX AT CONTACT													
		AT 111.8. MANY ELONGATE WHITE NEEDLE													
		LIKE FRAGMENTS WITH NO PREFERRED													
		ORIENTATION. FRAGMENTS SOFTER (1)													
		THAN MATRIX (1.5). EFFERVESCES WELL.													
		SPECIMEN @108.5.													
111.8	113.0	"SPONGY" SECONDARY QUARTZ ZONE	0.1/1.2												
113.0	123.1	QUARTZ SERICITE GRAPHITE PHYLLITE:													
		SILICEOUS SECTIONS. F_2? @80°. SECONDARY													
		QUARTZ VEINLETS UPTO 1CM. FOLLOWING	10.1/10.1												
		F_2? FOLIATION. FAULT ZONES 114-117 WITH													
		F_2 PARALLEL TO F_1 @70°-90° to CORE. LIGHT GREY													

LOGGED BY J.W. MURTON D.D.H. Nº KP78-3 PAGE 5 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	123.1	118.0-118.5 BLEACHED CREAMY WHITE													
		WITH BUFF SERICITE BANDS AND THREADS													
		PARALLEL TO F_2, UP TO 1 CM. OCCASIONAL													
		PALE GREEN SMEARS (MARIPOSITE?).													
		CARBONATE OCCURS AS STRINGERS &													
		FRACTURE FILLINGS.													
123.1	125.8	HIGHLY SILICEOUS QUARTZ SERICITE PHYLLITE.													
		50% 2nd ary QUARTZ. BROKEN & BRECCIATED	2.7/2.7												
		PALE GREY BANDED.													
125.8	126.3	CREAMY BUFF CLAY CARBONATE ALTERED	0.5/0.5												
		DYKE AS AT 106.7-111.8.													
126.3	129.6	SILICEOUS QUARTZ SERICITE PHYLLITE.													
		F_2? @ 80°-90°. SMALL (1mm) SEAMS OF	3.3/3.3												
		MARIPOSITE? 128.9-129.6. SPECIMEN 129.0.													
129.6	131.1	SPONGY GREY SILICEOUS ZONE. FOLIATION													
		STILL EVIDENT @ 90°. LOTS OF LIQUID MOVED	1.4/1.5												
		THROUGH THIS SECTION. CRUMBLY WHEN													
		BROKEN (CARBONATE DISSOLVED?)													
131.1	132.6	BLEACHED QUARTZ SERICITE CARBONATE													
		PHYLLITE. F_2? @ 80°-90° TO CORE. CREAMY	1.5/1.5												
		COLOR. WHITE CARBONATE IN FRACTURES &													
		"FLAME" STRUCTURES. THREADY DARK BANDS ON FOLIATION													

LOGGED BY J.W. MURTON D.D.H. Nº KP 78-3 PAGE 6 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
132.6	134.0	INTERBANDED BUFF SERICITE, QUARTZ, CARBONATE PHYLLITE & DARK QUARTZ SERICITE PHYLLITE. HEAVY CARBONATE IN FRACTURES PARALLEL TO FOLIATION & IN "FLAME" STRUCTURES. SPECIMEN @ 133. F_1 ? @ 60°-70° TO CORE, F_2 @ 70° TO F_1.	1.4/1.4												
134.0	137.3	VERY THIN BANDED QUARTZ SERICITE CARBONATE SLIGHTLY GRAPHITIC PHYLLITE MIXED WITH SILICEOUS ZONES WITH MUCH 2nd ary QUARTZ. F_1 @ 90°. SLIGHT MARIPOSITE? CARBONATE IN FRACTURES. BRECCIATED 2nd ary PYRITE STRINGERS @ 137.0-137.1 (10% Py)	3.3/3.3												
137.3	138.1	QUARTZ SERICITE GRAPHITE PHYLLITE. GRAPHITE ON SHEAR FACES. BROKEN CORE. CARBONATE FILLED FRACTURES. GREY BLACK & HARD. F_1 PARALLEL TO F_2 @ 80°-90° @ 138.0	0.8/0.8												
138.1	141.2	QUARTZ SERICITE CARBONATE SLIGHTLY GRAPHITIC PHYLLITE. CARBONATE IN BANDS & PARALLEL TO CORE & IN "FLAME" STRUCTURES. LIGHT MEDIUM GREY. F_1 PARALLEL TO F_2 @ 70°	3.1/3.1												

LOGGED BY J.W. MURTON D.D.H. Nº KP 78-3 PAGE 7 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
141.2	164.0	QUARTZ SERICITE GRAPHITE SHEAR ZONE.													
		FAULT ZONE. ALL MUD & SHEARING. FOLIATION	5.2/7.3		141.2	148.5									
		(F_1?) FROM 0°-30° TO CORE @141.2-152.0, &	6.0/9.5		148.5	158.0									
		30°-70° TO CORE @152.0-154.0. DISSEMINATED	6.0/6.0		158.0	164.0									
		EUHEDRAL PYRITE THROUGHOUT, AND ALSO													
		WISPS & THREADS of 2nd ary PYRITE. HEAVY													
		GRAPHITE ON FAULT PLANES. CONCENTRATION													
		of 2nd ary QUARTZ @ 154.2. CARBONATE ON													
		FRACTURE @157.4. F_1 0°-30° @154-157.													
		FROM 157-166.7, FOLIATION F_2? VARIES FROM													
		0°-90°. QUARTZ GRAPHITE ZONE 162.4-													
		164.0. STREAKS BUFF (TALC?) OR SERICITE													
		THROUGHOUT.													
164.0	164.2	WHITE QUARTZ.	0.2/0.2												
164.2	166.6	GRAPHITIC FAULT ZONE. BLACK COLOR MUD. DISSEMINATED	1.0/2.4												
		(1%) PYRITE. 2cm of 20% Py (2nd ary) @													
		165.1													
166.6	166.7	SERICITE QUARTZ GRAPHITE PHYLLITE. GREY.	0.1/0.1												
166.7	167.1	WHITE QUARTZ. SLIGHTLY FRACTURED &	0.4/0.4												
		CRUSHED													
167.1	168.2	GREY QUARTZ SERICITIC FAULT ZONE.	1.1/1.1												
		MINOR PYRITE & TALC?													

LOGGED BY J.W. MURTON D.D.H. No KR78-3 PAGE 8/8

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
168.2	182.0	QUARTZ GRAPHITE SLIGHTLY SERICITIC PHYLLITE.	5.8/5.8		168.2	173.0									
		BANDING (F_1?) 60°-70° TO CORE @ 168-178.	5.8/5.8		173.0	178.8									
		SILICEOUS & HARD. LIGHT-MEDIUM GREY.	3.2/3.2		178.8	182.0									
		BANDING (F_1?) 90° TO CORE 178-178.8 - CORE IN													
		WAFERS. 1-2% DISSEMINATED & THREADY PYRITE.													
182.0	183.2	THIN BANDED GREY BUFF QUARTZ SERICITE	1.2/1.2												
		PHYLLITE. F_1 PARALLEL TO F_2 @ 70°													
183.2	185.8	BLACK SILICEOUS GRAPHITIC PHYLLITE. HARD	2.5/2.6												
185.8	187.8	GREY BLACK SILICEOUS, GRAPHITE, SLIGHTLY													
		SERICITIC PHYLLITE. HARD. QUARTZ 95%,	1.9/1.9												
		SERICITE 8%, GRAPHITE 2%. BANDING													
		60° TO CORE. F_1 PARALLEL TO F_2?													
END of HOLE															

DIAMOND DRILL RECORD

LOGGED BY F CHOW TO 63.6 & W. MURTON >63.6

PROPERTY FINLAYSON LAKE PROJECT - PELLY CLAIMS

D.D.H. No. KP 78-2 PAGE 1 of 8

LATITUDE 275N BEARING OF HOLE 194° STARTED SEPT 20/78 D.S

CLAIM No.

DEPARTURE 500E DIP OF HOLE -60° COMPLETED SEPT 29/78 N.S.

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 2910 ft (887m) DIP TESTS — DEPTH Proposed: Ultimate: 171.2 M.

20' N CASING LEFT IN HOLE

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	Rec. Ft.	Sample No.	Footage From	Footage To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Feet Pb	Assay x Feet Zn	Assay x Feet Ag
0	9.8	OVERBURDEN													
9.8	10.1	QUARTZ GRAPHITE SERICITE PHYLLITE. GREY BLACK 75-80% QUARTZ, 15% GRAPHITE, 5% SERICITE. A FEW PYRITE XTALS & BLEBS. 1-2% RUSTY STAIN ALONG FOLIATION PLANES. SILICEOUS & HARD THOUGH MODERATELY FISSILE. F_2 75°-80°. F_1 30°-90° TO F_2, FAINTLY VISIBLE LOCALLY	0.3/0.3												
10.1	11.5	QUARTZ SERICITE ± GRAPHITE PHYLLITE. MEDIUM GREY. 55-60% QUARTZ, 35-40% SERICITE, 2-5% GRAPHITE. A FEW PYRITE BLEBS. NEGLIGIBLE OXIDATION. F_2 60°-80° WAVY & KINKY. F_1 60°-90° to F_2 LOCALLY DISTINCT	0.7/1.4												
11.5	12.8	QUARTZ SERICITE GRAPHITE PHYLLITE? PROBABLE CAVE IN HOLE?	0.1/0.3												
12.8	15.8	QUARTZ GRAPHITE ± SERICITE PHYLLITE, DARK GREY. 80-90% QUARTZ. LOCALLY SERICITE. NEGLIGIBLE OXIDATION. SILICEOUS & HARD-	0.45/3.0												

LOGGED BY _____ D.D.H. № KP 78-2 PAGE 2 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample №	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	15.8	- BROKEN CORE. APPEARS TO BE MODERATELY													
		FRACTURED. F_2? @ 70°. F_1 not DISTINGUISHED.													
15.8	17.4	LOST CORE - QUARTZ SERICITE PHYLLITE?	0/1.6												
		LIGHT GREY. CUTTINGS SHOW 90% QUARTZ PLUS													
		MEDIUM GREY SERICITE CHIPS. 1-2% RUSTY													
		IRON STAINS, NO SULPHIDES.													
17.4	18.0	QUARTZ GRAPHITE SERICITE PHYLLITE. BLACK													
		70-80% QUARTZ, 20-30% GRAPHITE, MINOR	0.1/0.6												
		SERICITE. SMEARS & BLEBS PYRITE. IRON													
		STAIN NOTED. SILICEOUS & FRACTURED.													
		F_2? 75°-80° F_1 not DISTINGUISHED													
18.0	18.9	LOST CORE - SIMILAR MATERIAL IN CUTTINGS	0/0.9												
18.9	33.3	QUARTZ GRAPHITE SERICITE PHYLLITE OR	0.15/0.9		18.9	19.8									
		"CHERTY" PHYLLITE. LIGHT GREY QUARTZ	1.2/1.2		19.8	21.0									
		WITH WISPY FOLIATIONS OF GRAPHITE & OR	0.55/0.9		21.0	21.9									
		SERICITE. GENERALLY BREAKS ALONG	5.0/7.0		21.9	28.9									
		FOLIATION PLANES - ALSO ALONG FRACTURE	0.2/0.9		28.9	29.8									
		PLANES. FRACTURING SOMETIMES RESEMBLES	0.5/1.1		29.8	30.9									
		CHERT. Rock BECOMES SLIGHTLY LESS SILICEOUS	2.4/2.4		30.9	33.3									
		& HARD @ 29.8. SLIGHT PYRITE @ 24.5-25.6,	6.0/6.0		33.3	39.3									
		18.9-20.7 - SOME RUSTY OXIDATION ALONG													
		FRACTURES. F_2 70° @ 19.8-22.5, 85° @ 22.6													

LOGGED BY F. CHOW D.D.H. Nº 78-2 PAGE 3 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	33.3	60-80° @ 22.7-31.5, 75-80° @ 32.0-33.0													
33.3	39.3	QUARTZ SERICITE PHYLLITE. MEDIUM GREY													
		60-70% QUARTZ, MINOR PYRITE - LOCALLY UP													
		TO 5% - SHORT SECTIONS SILICEOUS & HARD.													
		MAINLY HAIRLINE FOLIATIONS, SLIGHTLY TO													
		MODERATELY FISSILE. SHEARING 30° TO													
		CORE @ 35.2 - TIGHT. F_1 NOT DISTINGUISHED.													
		F_2 @ 80°-60°, UNDULATING BETWEEN 33.3 TO													
		37.4. 80°-85° @ 37.5-42.0													
39.3	46.3	QUARTZ GRAPHITE PHYLLITE. BLACK. 65-	2.2/2.9		39.3	42.3									
		70% QUARTZ. 1% PYRITE EXCEPT 42.4-	0.6/1.8		42.3	44.0									
		44.1 WHERE PYRITE = 5%. RICH GRAPHITE	0.4/0.9		44.0	44.9									
		IN SOME LAYERS. SILICEOUS & HARD, ALTHOUGH	0.8/1.4		44.9	46.3									
		BREAKS EASILY - PYRITE OCCURS CHIEFLY IN													
		F_1 - F_2 80-75°, F_1 PARALLEL TO F_2 @													
		39.3-40.8. 40°-90°-0° @ 41.2-45.3.													
		F_1 NOSE @ 42.3													
46.3	51.5	QUARTZ SERICITE GRAPHITE PHYLLITE.													
		MEDIUM TO DARK GREY. 40-80% QUARTZ,	0.7/1.0	46.3	47.3										
		40% SERICITE, 10% GRAPHITE, 0.5% PYRITE	0.2/0.9	47.3	48.2										

LOGGED BY W. MURTON + F. CHOW D.D.H. Nº KP 78-2 PAGE 4 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	51.5	SHORT SILICEOUS SECTIONS - MASSIVE. OTHERWISE													
		MODERATELY FISSILE. F_2 70-60°, F_1 0-30°	1.7/3.3		48.2	51.5									
		TO F_2. DISTINCT IN MANY CASES. PYRITE													
		MAINLY IN F-1													
51.5	59.3	QUARTZ SERICITE PHYLLITE. MEDIUM	3.8/3.8		51.5	55.3									
		GREY. 50-80% QUARTZ. LOCALLY 1% PYRITE.	0.7/1.4		55.3	56.7									
		SLIGHTLY FISSILE - NOT WELL FOLIATED. QUARTZ	1.5/2.6		56.7	59.3									
		REMOBILIZED 56.0-59.0. F_2 85°-90° @ 51.5-													
		56.0, 40°-60° @ 56.0-59.0. F_1 NOT													
		DISTINGUISHED													
59.3	61.3	SHEAR ZONE IN QUARTZ SERICITE	0.45/2.0												
		GRAPHITE - GOUGY, FRACTURED													
		CONT'D NEXT PAGE													

LOGGED BY W. MURTON

D.D.H. No KP-78-2 PAGE 5 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
61.3	66.1	QUARTZ SERICITE PHYLLITE. DIRTY LIGHT TO MED.													
		GREY. 40% QTZ. MINOR LIGHT BROWN MINERAL													
		OCCURING AS SMALL SHORT LENSES FOLLOWING FOLIATION													
		DIRTY BROWN LAYERS - MAY BE BIOTITE. GRAPHITIC													
		SECTIONS SHOWING SLICKENSIDES. F2 UNDULATING													
		TO 62.8 @ 40°, @ 63 - 50°, F_2 PARALLEL TO F1 @ 45°	4.8/4.8		61.3	66.1									
		@ 64.0. SCATTERED Py. GRAINS													
66.1	67.0	QUARTZY ZONE (SILICIFIED SHEAR ZONE?) OR													
		BRECCIA ZONE. CONTORTED QUARTZ VEINS. FAULTING	0.9/0.9												
		FROM 0° to 90° to CORE													
67.0	70.7	GRAPHITIC PHYLLITE & SHEAR ZONES. GOUGY.	2.1/3.7												
		F_2 FROM 0° - 45° - 90°. FAULTS @ 0° - 20°													
70.7	72.4	QUARTZY ZONE (BRECCIA) CORE ALL BROKEN.													
		RANDOM QUARTZ VEINLETS up TO 1 cm WIDE	1.7/1.7												
72.4	73.2	SERICITE PHYLLITE - SLIGHT QUARTZ & GRAPHITE													
		F-1 NOSE @ 72.45. F-2 @ 45°. F1 PARALLEL TO F2?	0.8/0.8												
73.2	75.9	QUARTZ GRAPHITE PHYLLITE. SECTIONS SERICITIC.													
		SEVERAL BANDS BUFF SERICITE up TO 2 cm THICK	1.5/2.7												
		@ 73.4 - 73.6, CONTORTED IN CORE FRAGMENTS.													
		F_2 @ 50° @ 75.5													
75.9	78.8	FAULT ZONE. CORED MUD & GOUGE. MUD VARIES	2.6/2.9												
		FROM GRAPHITIC TO SERICITIC WITH QUARTZ.													

LOGGED BY W. MURTON D.D.H. No. KP 78-2 PAGE 6 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
78.8	80.0	SERICITE PHYLLITE. SHEARED & FAULTED @	0.5/1.2												
		45° TO CORE													
80.0	82.3	SILICIOUS GRAPHITIC QUARTZ PHYLLITE. F-1 @													
		90° TO CORE, F2 @ 70° TO CORE. BECOMING	1.5/2.3												
		SERICITIC @ 81.7													
82.3	84.7	SERICITE QUARTZ PHYLLITE. GREY. F1 PARALLEL													
		TO F2 @ 60° TO CORE. @ 82.9, F1 PARALLEL TO	2.4/2.4												
		CORE AND F-2 80° TO CORE. AT 84.0, F2 60°-90°													
84.7	87.6	GRAPHITE SERICITE PHYLLITE. FAULT ZONE FOR	2.9/2.9												
		0.1 M @ 87.1. F2 FROM 45°-90° TO CORE													
87.6	103.9	SILICEOUS GRAPHITIC PHYLLITE. CORE ALL BROKEN,	0.2/1.5	6	87.6	88.1									
		MANY FAULT ZONES WITH SLICKENSIDES ON	0.6/0.9		88.1	89.0									
		FRAGMENTS IN GOUGE. F2 FROM 0° @ 88.0 TO	0.4/0.8		89.0	90.8									
		30° @ 88.5. RANDOM QUARTZ VEINS UP TO 1 CM.	1.0/5.8		90.8	96.2									
		SPECIMEN @ 102.8 APPEARS TO HAVE CROSS BEDDING	1.2/3.1		96.2	99.3									
		FEATURES - PROBABLY JUST DUE TO FAULTING.	1.2/1.4		99.3	100.7									
		SCATTERED PYRITE THREADS AND GRAINS UP TO	1.7/2.0		100.7	102.7									
		1% WHERE GRAPHITE HEAVIEST.	3.1/4.6		102.7	107.3									
103.9	104.2	INTERBEDDED SERICITE PHYLLITE & QUARTZY MATERIAL													
		(DIRTY GRAPHITIC QUARTZITE?) F1 @ 90° TO CORE.	0.3/0.3												
		SAME AS F-2. SPECIMEN TAKEN													

LOGGED BY W. MURTON

D.D.H. Nº 78-2 PAGE 7 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
104.2	114.0	GRAPHITIC QUARTZ PHYLLITE. CONTORTED QUARTZ													
		VEINLETS. SECTIONS VERY SILICEOUS (PROBABLY A	1.0/1.5		107.3	108.8									
		SHEARED QUARTZITE). SECTIONS WITH UP TO 100%	1.9/2.6		108.8	111.4									
		GRAPHITE. THREADS & BLEBS OF PYRITE RANDOM	3.0/6.8		111.4	118.2									
		SCATTERED (1 OZ PER .5 METER). GREY-BLACK COLOR													
114.0	118.2	BLACK GRAPHITIC SILICEOUS PHYLLITE. HARD.													
		DISSEM. PYRITE 1-2%. F1 @ 55° @ 118. F2													
		PARALLEL?													
118.2	144.5	QUARTZ SERICITE GRAPHITE PHYLLITE. GREY	0.9/1.5		118.2	119.1									
		SPECIMEN @ 118.5 WAVY BANDING @ 60° TO CORE	7.5/16.2		119.1	135.3									
		MIGHT BE F-1. SECTIONS HEAVY GRAPHITE (80	0.7/0.7		135.3	136.0									
		-100%). CORE ALL BROKEN. F1 & F2 both	1.0/3.2		136.0	139.2									
		90° to CORE @ 123. AT 120 F1-40°, F2 90° TO F1.	4.0/5.3		139.2	144.5									
		AT 134 F1 & F2 90° TO CORE, AT 142.5 F2 45°,													
		F2 NEAR 0° @ 144.5. QUARTZY ZONE @ 144.1													
144.5	149.4	SHEARED FAULT ZONE. SECTIONS SERICITE													
		PHYLLITE & SECTIONS MUD. AT 146.3 F2 - 0°.	2.2/4.9												
		FAULT PLANE 20° @ 147.0. MINOR STRINGERS													
		BUFF SERICITE @ 147.0 & 147.2. AT 149.4 F2 10°													
149.4	154.0	QUARTZ SERICITE GRAPHITE PHYLLITE. SECTIONS													
		VERY SILICEOUS. F2 0°-10° TO CORE. ALSO F1?	5.6/5.6												
		CORE ALL BROKEN													

LOGGED BY W. MURTON D.D.H. Nº 78-2 PAGE 8 of 8

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
154.0	156.1	FAULT ZONE - MUD & GOUGE. SCATTERED PYRITE CUBES	0.8/2.1												
156.1	156.6	QUARTZ SERICITE PHYLLITE, BANDED QUARTZ VEINS PARALLEL TO CORE @ 156.2-156.3. F_1 PARALLEL TO F_2 @ 45°. PYRITE DISSEMINATED AS THREADS & CUBES ABOUT 1%	0.5/0.5												
156.6	157.9	QUARTZY ZONE - SIMILAR TO 144.1 - OTHER EDGE OF FAULT ZONE?	1.0/1.3												
157.9	168.5	QUARTZ SERICITE GRAPHITE PHYLLITE. CORE ALL BROKEN GREY BLACK. PURE GRAPHITE ON FOLIA PLANES & BREAKS. BANDING (F-2?) @ 45°-60°, SCATTERED Py CUBES. QUARTZ VEIN @ 168.2. SMALL FAULT @ 168.1?	8.2/10.6												
168.5	169.6	QUARTZ SERICITE PHYLLITE. LIGHT GREY - LITTLE GRAPHITE. ALTERNATING HARD & SOFT BANDS (F1?) - F1? @ 60-70°. F_2 PARALLEL TO F1. LOOKS LIKE A BANDED QUARTZITE. PROBABLE FAULT AT 169.5 - BROKEN CORE	1.0/1.1												
169.6	171.2	QUARTZ GRAPHITE SERICITE PHYLLITE. F1 PARALLEL TO F_2 @ 90°	0.7/1.6												
END OF HOLE															

LOGGED BY [illegible] D.D.H. Nº KP 78-2 PAGE 1 of

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		PROPERTY: Finlayson Lake Project – PELLY GROUP													
		LAT. 275N BRG. 194° STARTED: 20 SEPT/78 D.S. DEP. 500E DIP -60° COMPLETED: ELEV. 2980 ft PROP. DEPTH ULT. DEPTH													
		HOLE SIZE: 0-20' NW TARGET: E.M., GEOCHEM, GRAVITY ANOMALY – BW – BQ													
0	9.8	OVERBURDEN Rounded pebbles granitic rock, plus andesite.	4 Pebbles / 9.8		0	9.8									
9.8	10.1	QTZ-GRAPH-SER PHY. Gray-Black 75-80% qtz, 15% graph, 5 ser, a few py xtals + blebs. 1-2% rusty stain along foliation planes. Siliceous + hard, though mod. fissile. F2 75-80°. F1 ~~82~~ 30-90° to F2, faintly visible locally.	0.3 / 0.3		9.8	10.1									
10.1	11.5	QTZ-SER ± GRAPH PHY. Med. Gray. 55-60% qtz, 35-40 ser 2-5 graph, a few py blebs. Negli. oxidation. F2 60-80° wavy + kinky. F1 60-90° to F2, locally distinct.	0.7 / 1.4		10.1	11.5									
11.5	12.8	QTZ-SER-GRAPH PHY ? Probable rock fall.	0.1 / 1.3		11.5	12.8									
12.8	15.8	QTZ-GRAPH ± SER PHY. Dark Gray. 80-90% qtz, locally sericite, negli py blebs, negli oxidation. Siliceous + hard, broken core, appear to be mod. fractured. F2(?) 70°. F1 not distinguished.	0.45 / 3.0		12.8	15.8									

LOGGED BY DL D.D.H. Nº KP 78-2 PAGE 2 of

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
15.8	17.4	No Core. QTZ - SER PHY ? Light Gray													
		Cuttings show 90% qtz, plus med. gray sericitic chips. 1-2% rusty iron stains, no sulphs seen.	NIL / 1.6		15.8	17.4									
17.4	18.0	QTZ - GRAPH ± SER PHY. Black													
		70-80% qtz, 20-30 graph, minor ser, local py - occuring as smears + blebs, iron stain noted. sil + fract'd.	0.1 / 0.6		17.4	18.0									
		F2 ? Wavy 75-80°, F1 not distinguished.		KP 78-2A											
18.0	18.9	No Core. QTZ-SER-GRAPH PHY ? ~~Dark~~ ~~Med.~~ Med. Gray.													
		Cuttings 80% qtz, plus ser/graph chips + flakes, a few grains py seen.	NIL / 0.9	KP 78-2B	18.0	18.9									
18.9	33.3	QTZ ± GRAPH ± SERI PHYLLITE or "CHERTY" PHYLLITE													
		Light gray qtz with wispy foliations of graph and/or sericite. Generally breaks along foliation planes, also along fracture planes, fracturing sometimes resembles that of chert. R2 becomes slightly less sil. + less hard @ 29.8m.	0.15 / 0.9		18.9	19.8									
		Negli. py content except a slight increase locally @ 24.5-25.6m, 18.9-20.7, where rusty oxidation occurs along fractures + banding.	1.2 / 1.2			21.0									
			0.55 / 0.9			21.9									
			5 / 7.0			28.9									
			0.2 / 0.9			29.8									
		F1 not distinguished. F2 70° @ 19.8-22.5m, 85° @ 22.6 / 60-80° @ 22.7-31.5, 75-80° @ 32-33	0.5 / 1.1			30.9									
			2.4 / 2.4			33.3									
33.3	39.3	QTZ - SER PHYLLITE. Med. Gray.													
		60-70% qtz; minor py, locally up to 5%; short sections siliceous + hard. Mainly hair-line foliations; slightly to mod. fissile.	6 / 6.0		33.3	39.3									
		Shearing 30° to core @ 35.2m, tight.													
		F1 not distinguished. F2 @ 80-60° undulating between 33.3 + 37.4m, 80-85° @ 37.5-42m.													

LOGGED BY JC D.D.H. Nº KP 78-2 PAGE 3 of

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
39.3	46.3	QTZ-GRAPH PHY. Black													
		65-70% qtz, 1 py except 42.2-44.1" where py ~~[illegible]~~ 5% ~~[illegible]~~ Rich graph in some layers. Gen. sil + hard, though breaks readily.	2.9/2.9		39.3	42.2									
		~~from 39.3-40.8"~~ Py occurs chiefly in F1. No Pb noted. F2 80-75°. F1 ∥ F2 @ 39.3-40.8", 40-90-0° @ 41.2-45.3". F1 nos. @ 42.3".	0.6/1.8			44.0									
			0.4/0.9			44.9									
			0.8/1.4			46.3									
46.3	51.5	QTZ-SER-GRAPH PHY. Med to Dark Gray.													
		40-80% (av. 50%) qtz, 40 ser, 10 graph, 0.5 py. Short siliceous sections massive, otherwise moderately fissile. Py mainly	0.7/1.0		46.3	47.3									
		F2 70-60°, F1 0-30° to F2, distinct in many cases in F1.	0.2/0.9			48.2									
			1.7/3.3			51.5									
51.5	59.3 ~~61.3~~	QTZ-SER PHY. Med. Gray.													
		50-80% qtz, locally 1% py - generally negligible. Slightly fissile, not well foliated. 56-59" qtz re-mobilized?	3.8/3.8		51.5	55.3									
		F2 85-90° @ 51.5-56", 40-60° @ 56-59". F1 not distinguished.	0.7/1.4			56.7									
			1.5/2.6			59.3									
59.3	61.3	SHEAR ZONE IN QTZ-SER-GRAPH													
		Rocks sheared, slightly gouge, fractured.	0.45/2.0		59.3	61.3									
61.3	~~63.6~~	QUARTZ-SER PHY. Dirty Light to Med. Gray.													
COPIED & SENT TO TWIN	66.1	40% qtz, negli py, minor light brown mineral occuring as ~~[illegible]~~ small short lenses following foliation. Dirty brown	~~2.3/2.3~~		61.3	66.1 ~~63.6~~									
		layers - intermittent, may be biotite - Negli py. F2 undulating to 62.8" @ 40°, 50° @ 63". Graphitic	4.8/4.8												
		sections showing slickensides. F2 ∥ to F1 @ 45°													
		@ 64.0 Scattered py grains.													

LOGGED BY _____ D.D.H. Nº 78-2 PAGE 9 of

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
66.1	67.0	quartzy zone (silicified shear zone?) Breccia zone? Contorted quartz veins Faults 0° to 90°	0.9/0.9												
67.0	70.7	Graphitic phyllite & shear zones. Gouge F2 from 0-45°-90° Faults @ 0-20°	2.1/3.7												
70.7	72.4	quartzy zone (Breccia) - core broken Random qtz veinlets up to 1 cm.	1.7/1.7												
72.4	73.8	Ser phyll sl qtz & graphite F1 nose @ 72.45 F-2 @ 45° F1 ~~@~~ // to F-2	0.8/0.8												
73.2	75.9	QTZ GR PHYLL. - ~~sl~~ See Sericite Several bands buff sericite up to 2 cm thick @ 73.4-73.6. Contorted in core fragments F-2 @ 50° @ 75.5	1.5/2.7												
75.9	78.8	Fault zone. Cored mud + gouge. ~~Mud~~ Varies from graphite to sericite	2.6/2.9												
78.8	80	Ser phyll. sheared + faulted @ 45° to core.	0.5/1.2												
80-	82.3	QTZ GR sil phyll. F1 @ 90° to core F2 @ 70° to Core. Silicified - becoming sericite @ 81.7	1.5/2.3												
82.3	84.7	Ser QTZ Phyll. F1 // to F2 @ 60° to core. @ 82.9 F1 - // to core, F2 80° to core. F2 60°-90° @ 84.0	2.4/2.4												

LOGGED BY _____ D.D.H. Nº 78-2 PAGE 5

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
84.7	87.6	Graph - ser - phyll. Fault zone .1m @ 87.1	2.9/2.9												
		F2 from 45° – 90° to core													
87.6	103.9	Sil graph phyll. Core badly broken up. Many	.2/1.5		87.6	88.1									
		fault zones with slickensided fragments in gouge. F2 from 0° @ 88.0, 30° @ 88.5	0.9/0.9		88.1	89.0									
		Random quartz veins. Spec @ 102.8 appears to have	0.4/0.8 1.0/5.8		89.0 90.8	90.8 96.2									
		cross bedding features. this may all have been a graphitic qtzite!	1.2/3.1 1.2/1.4		96.2 99.3	99.3 100.7									
103.9		Scattered py grains up to 1% where graphite heaviest.	1.7/2.0 3.1/4.6		100.7 102.7	102.7 107.3									
103.9	104.2	Interbedded Ser phyllite & quartzy material (dirty													
		graphitic quartzite). F1 @ 90° to core. Same as F-2													
		Spec. taken.													
104.2	114	Graph - quartz phyll. Contorted quartz veinlets.	1.0/1.5 1.9/2.6		107.3 108.8	108.8 111.4									
		Ser very siliceous. Sec heavy graphite (100%) threads	3.0/6.8		111.4	118.2									
		& pyrite random scattered (1 or 2 per meter)													
		Grey - black													
114	118.2	Black graph - sil phyll. Hard. Diss py 1%-2%													
		@ 118 - F1 @ 55° to core. F2 11?													

LOGGED BY _____ D.D.H. Nº 78-2 PAGE _____

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
118.2	144.5	QTZ Ser Gr Phyll. Grey. Spec 118.5		0.9/1.5	118.2	119.1									
		F1 or F2 (|| to F-1) @ 60° to core. - wavy banding - might be F-1		7.5/16.2	119.1	135.3								
		Sections heavy graphite (80-100%). Core	0.7/0.7			135.3	136								
		all broken up. F1 & F-2 90° @ 123 @120 F1-40° F2 ⊥ to F1	1-0/3.2 copied.			136	139.2								
		F1 || F2 @ 90° to core @ 134 F2 45° @ 142.5	4.0/5.3			139.2	144.5								
		F2 approaching 0° @ 144.5. QTZY ZONE @ 144.1													
144.5	149.4	Sheared Fault zone - sections ser schist													
	(1.7)	+ sections mud. @ 146.3 - F2 0°. Fault plane	2.2/4.9												
		20° @ 147.0 - minor stringers buff sericite													
		@ 147.0 - 147.2 F2 10° @ 149.4													
149.4	154.0	QTZ SER GR Phyll. SEC SILICEOUS.	5.6/5.6												
		F2 0° - 10° to core. ALSO F-1? Core broken													
154.0	156.1	Fault zone - mud + gouge. scattered Pyrite	0.8/2.1												
		cubes.													
156.1	156.6	QTZ SER Phyll. Banded QTZ skin parallel	0.5/0.5												
		to core @ 156.2 - 156.3. F1 || to F2 @ 45°													
		(Py cubes + threads disseminated @ 1%.)													
156.6	157.9	Quartzy zone - Similar to 144.1 - other edge	1.0/1.3												
		of fault zone?													
157.9	168.5	QTZ SER GR Phyll. Core all broken. Grey													
7.2	167.4	block. Pure graphite on folia planes + breaks.	8.2/10.6												

LOGGED BY _____ D.D.H. Nº 78-2 PAGE _____

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Banding (F-2?) @ 45°-60°. Scattered Pyrites													
		QTZ vein @ 168.2 (small fault @ 168.1?)													
168.5	169.6	Ser QTZ Phyll. Lt grey - little graph.	1.0/1.1												
		alternating hard + soft bands. (F1?) -													
		F1? @ 60-70°. F2 ∥ to F1. Looks like													
		a banded qtzite. Probable faulting													
		@ 169.5 - broken core.													
169.6	171.2	QTZ GR ser phyll. F1-∥ F2 @ 90°.													
END of Hole															

LOGGED BY W. Murton D.D.H. Nº 78-3 PAGE 1

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
0	10.9	O/B - ~~Cu~~ 10' N 36' B													
10.9	21.6	QTZ Gr Ser Phyll. - All Broken up.	1.2/1.6		10.9	12.5									
		Limonite on fract ~~F~~ F2? @ 90° ~~B~~ @11.0	0.4/3.0		12.5	15.5									
		scattered fault zone with mud @ 12.2-12.5.	0.2/1.2		15.5	16.7									
		Core lost (sludge in box) @ 13-14, 20.7-21?,	3.3/4.0		16.7	20.7									
		23.4-24? No apparent limonite after 19.8	1.8/4.6		20.7	25.3									
		se Diss py.	0/5.8		25.3	31.1									
21.6	34.2 ~~20.2~~	QTZY zone - white QTZ + Graphite - high core													
		loss - all broken - sludge in box - looks	0.8/4.0		31.1	34.2									
		like qtzy zone usually @ edge of fault ~~z~~ zone													
		- probably fault zones throughout. Diss Py													
		1-2% throughout. Rusty oxid ~~ox~~ sporadically													
		31 - 34.													
34.2	35.8	QTZ - Gr phyll? (Gr. QTZIITE) Banding													
		60° - 90°. Scattered white qtz stringers (.5 cm)													
			5.8/5.8		34.2	39.9									
35.8	36.5	QTZY Zone Diss Py 2%. Py stringer													
		0.5 cm @ 36.3. Faulting 36.4 - 36.5 45° to													
		60° - graph slickensides.													
36.5	38.7	Sil Gr Phyll. - Breccia @ 37.1 ~~-~~ fragments													
		of graphitic qtzite in Pyritic graphitic sl sil matrix													

LOGGED BY [illegible] D.D.H. Nº 78-3 PAGE 2

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
		Blue-green (oxidation) on fract. @ 37.5 - also													
		F1 folds nose-tight. Qtzy fault zone 37.6-37.8													
		F1 // F2 @ 80° to core @ 38.7. Fault 37.7													
38.7	39.5	QTZY Zone - breccia	0.8/0.8												
39.5	39.9	Fault zone - graphitic with siliceous sections	0.4/0.4												
39.9	40.4	QTZY zone	0.5/0.5												
40.4	67.1	QTZ SER Sen phyll. DK grey-black													
		80% DK Grey qtz 15% G. 5% Ser.	7.5/10.0		40.4	50.4									
		Fault (mud) zones @ 45.2, 45.6, 53.9, 55.0,	4.0/8.6		50.4	59.0									
		(F2 // F1 @ 70°-90° throughout.) 58.3 (QTZY ZONE @	1.9/3.4		59.0	62.4									
		58.2), 64.5. 1/2-1% Py dissem. High core	1.0/4.7		62.4	67.1									
		loss 62.4-67.1													
67.1	91.4 89.0	QTZ SER Graphite (minor) phyll. V. Sl. Diss Py.	7.1/7.1		67.1	74.2									
7.1/7.1		F2 // F1 @ 70-80° 67-91.4 Minor contortions (@ 76.8-72.4,	7.6/7.8		74.2	82.0									
7.0/7.0		F1 @ 70°, F2 @ 70° to F-1 - Core in "wafers	7.0/7.0		82.0	89.0									
		from 71.0 - 82.0. Occasional (1 per 10m) spots of	2.2/2.4		89.0	91.4									
		blue alteration or oxidation (powdery blue color). 3 cm													
		QTZ vein @ 87.1													
91.4	91.9	Buff Sericite, graphite fault zone - sec mud.	0.5/0.5		91.4	91.9									
		F2 - 80° to Core													

LOGGED BY Mund D.D.H. № 783 PAGE 3

Interval From	Interval To	DESCRIPTION	Recovery	Sample №	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
91.9	100.7	QTZ Ser Gr. phyll. 80% Ser, 10% Q, 10% G	1.6/3.2		91.9	95.1									
		F_2 - 80° F_1? ∥ to F_2? Lt grey color	1.0/1.2		95.1	96.3									
		4 cm QTZ vein @ 98.0. Fault (mud) @ 100.4, 100.6	0/0.7		96.3	97.0									
100.7	106.4	Fault zone. Shearing + brecciation of	2.9/3.7		97.0	100.7									
		core. Fragments of grey ser phy in graph matrix													
		Occas F_2? @ 80-90°. Threads of buff sericite following	3.6/5.7												
		F_2.													
106.4	106.7	Secondary quartz zone. Hard, & porous in section.	0.3/0.3												
		Looks like ½ dissolved.													
106.7	111.8	Bleached buff-white tuff. ~~Looks like arash~~ 1mm white fragments	~~[illegible]~~												
		in a ~~buff~~ creamy buff matrix. No foliation except minor faulting	2.3/3.6		106.7	110.3									
		@ 45° @ 108.2. Occasional dark fragment up to	0.2/1.5		110.3	111.8									
		1mm. White mud sections. Core lost between 110.3													
		+ 111.8 - muddy. @ 111.8 angular QTZ ser													
		phyll fragments in (1-2cm) in creamy tuff.													
111.8	113.0	Secondary quartz zone "spongy" looking	0.1/1.2												
113.0	123.1	QTZ Ser graph phyll. Silicous sections	10.1/10.1												
0.5/0.5		F_2? @ 80°. Secondary qtz seams up to 1cm													
	120.4	following F_2? foliation. Numerous fault zone													
7.4/7.4		114-117 F_2 ∥ F_0 F_1 @ 70°-90° Lt. grey													
		~~[illegible]~~ 118.0 - 118.5 - Bleached creamy white													
		with buff sericite bands + threads ∥ to F_2.													

many elongate white needle shaped fragments (crystals?) with no preferred orientation. Fragments softer (1) than matrix (1.5?) scratch both with fingernail - carbonate spec 108.5

LOGGED BY _____ D.D.H. Nº _____ PAGE _____

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
	123.1	Buff bands up to 1cm continue. Occasional pale green (manganite?) ~~[illegible]~~ smears. Carbonate showing in stringers + fractures													
123.1	125.8	Highly siliceous QTZ Ser phyll. 50% 2nd ary QTZ Broken & brecciated - Pale grey, banded	2.7/2.7												
125.8	126.3	Creamy buff ~~Tuff~~ as 106.7-111.8. S	0.5/0.5												
126.3	129.6	Sil qtz ser phyll - F_2? @ 80-90°. Small (1mm) seams manganite 128.9-129.6 (spec 129.0)	3.3/3.3												
129.6	131.1	Spongy grey siliceous zone. Foliation still evident @ 90°. Lots of liquid moved thru this area. Crumbly when broken. (Carbonate dissolved?)	1.4/1.5												
131.1	132.6	Bleached QTZ Ser carb phyll. F_2? 80°-90°. Creamy color. White Carbonate in fractures + "flame" structures. Thready dark bands on foliation.	1.5/1.5												
132.6	134.0	Interbanded buff ser, qtz, carb phyllite & dark phyllite Q.S. (spec @ 133. F_1? @ 60°-70° to core F_2? @ 70° to F_1?	~~0.9~~ 1.4/1.4												
134.0	137.3	Very thin banded QTZ ser carb sl graph phyll. F_1 90° sl manganite?) Mixed with siliceous zones - Carb in frac.	3.3/3.3												
137.3	138.1	QTZ Ser Gr phyll. Gr on shear faces. Broken core. Carb filled fractures → Grey black + hard. F_1 // to F_2 @ 80°-90° @ 138.0	0.8/0.8												
138.1	141.2	QTZ Ser carb sl Gr phyll. Carb in bands + // to core in flame structure. Lt-Med grey. F_1 // F_2 @ 70°	3.1/3.1												

heavy carb in fract // to foliation + in "flame" structures, ~~F~~

with much 2nd ary qtz. Brecciated. ~~[illegible]~~ 2nd ary py stgs @ 137.0-137.1 10% Py

LOGGED BY _____ D.D.H. Nº _____ PAGE _____

Interval From	Interval To	DESCRIPTION	Recovery	Sample Nº	Interval From	Interval To	Sample Length	Assay Pb	Assay Zn	Assay Ag	Assay Au	Assay Cu	Assay x Pb	Assay x Zn	Assay x Ag
141.2	164.0	QTZ ser graph shear zone - Fault zone.	5.2/7.3		141.2	148.5									
		All mud + shearing. Foliation F1? from 0°-30°	6.0/9.5		148.5	158.0									
		to core @141.2-152 & 30°-70° 152-154 Diss cubic Py throughout, + wisps	6.0/6.0		158.0	164.0									
		+ threads 2nd Py. Heavy graph on fault planes.													
		Concentrations 2nd any QTZ @ 154.2. Carb in													
		frac @ 157.4. F1 0-30° 154-157. From													
		157-166.7 foliation F2? varies from 0°-90°.													
		QTZ GR zone 162.4-164.0. Streaks buff (talc?) throughout													
164.0	164.2	White QTZ	0.2/0.2												
164.2	166.6	Graphitic fault zone - mudd. Diss py 1%	1.0/2.4												
~~166.7~~		2.cm - 20% 2nd any py @ 165.1 Black.													
166.6	166.7	Ser QTZ Gr Pyll. Grey	0.1/0.1												
166.7	167.1	White QTZ + sl. fractured + crushed	0.4/0.4												
167.1	168.2	Grey QTZ Ser fault zone. Minor py + talc.	1.1/1.1												
168.2	182.0	QTZ GR sl ser phyll. Banding (F?) 60° to 70°	5.8/5.8		168.2	173.0									
		to core. 168-178 Sil + hard. Lt-med grey.	5.8/5.8		173.0	178.8									
		Banding 90° to core 178-178.8 (core in washers)	3.2/3.2		178.8	182.0									
		1-2% diss + thready Py.													
182.0	183.2	Thin banded grey-buff QTZ SER Phyll. F1//F2 @ 70°	1.2/1.2												
183.2	185.8	Black sil Gr Phyll. Hard	2.5/2.6												
185.8	187.7	Grey Bl Sil Gr SL SER Phyll. Hard QTZ 95% Ser 8%	1.9/1.9												
END		Gr 2%. Banding 60° to core F1 // F2?													