Pelly file 105-14-G

DIAMOND DRILL RECORD

LOGGED BY [signature]

006104

PROPERTY Finleyson Lake Project - PELLY M.C. GROUP

D.D.H. No. KP 78-1 PAGE 1 of 5

LATITUDE 150 N BEARING OF HOLE — STARTED 12 SEPT. 1978

CLAIM No. PELLY 73

DEPARTURE 500 E DIP OF HOLE -90° COMPLETED 17 SEPT. 1978

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION 2900 ft. (884 m) approx. DIP TESTS — DEPTH Proposed: 150 m. approx. Ultimate: 84.4 m

SIZE = 0-(20') 6.7 m = NW; 6.7 m - 12.2 (40') = BW, TARGET = E.M., Geochem, Gravity anomaly
12.2 - 84.4 = BQ.

FOOTAGE - meters FROM	TO	DESCRIPTION	Rec. ~~Ft.~~ m	Sample No.	Footage m. From	To	Sample Length	Assay ppm Pb ppm	Zn ppm	Ag	Au	Cu ppm	Assay x ~~Feet~~ meter Pb	Zn	Ag
0	6.7	OVERBURDEN.													
		No core recovered. Driller report sand and small gravel in hole.	NIL/6.7		0	6.7									
		Drilled ahead with BQ and BW.													
6.7	9.0	QUARTZ - GRAPHITE PHYLLITE - Gray Black													
		Core broken along fractures also along foliation planes.	0.5/2.3		6.7	9.0									
		Variable hardness, governed by amount of siliceous quartz, extremely hard to medium hard. soft @ (7-7.5?).	0.2/1.1	KP 78-1A	7.7	9.0	1.1	15	80			92			
		10% Graphite varies from 3% to 30%, minor pyrite cubes noted. Weathered brick-brown rusty spots and layers. No Pb Zn noted.													
		NOTE: Section from 6.7-11.0 m is the only section of this drillhole													
		where F2 may be the structure in evidence. Both F1 & F2													
		do not co-exist or ~~because~~ the core is so highly broken and													
		core recovery is so poor that neither can be determined definitely.													
		F1(?) @ 15° @ 6.7 m, 70° @ 7 m, tight fold @ 7.7 m - axial plane @ 20° to													
		core. 7.7-9 m too broken.													
9.0	11.0	QUARTZ - SERICITE PHYLLITE													
		Light orange-ochre with bands & threads of light to medium	0.55/2.0		9.0	11.0									
		gray sericite. Wavy banding similar to Grum F2. also pieces showing two distinct													
		fold noses. F1(?) 40-45°													

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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
		Orange ochre color due to limonitic 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 cubes & blebs. Negligible oxidation.	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									
			0.9/2.0			14.0									
		Fr 35° @ 12.1m, 25° @ 12.7, 40° @ 13.5, 70° @ 14.4, 50° @ 15.2.	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	0.55/1.3	~~#7~~	16.7	18.0									
		-23.5 = " " " , sericitic & soft, appear to be fractured.	0.25/1.4			20.4									
		-26.5 = mainly sericitic w/ 5-5% graphite, soft, fissile also fractured.	0.35/3.1			23.5									
		minor pyrite following bedding.	0.4/0.6			24.0									
		Fr 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.	0.4/1.3			25.3									
		45° @ 26.2m	0.45/0.6			25.9									
			0.6/0.6			26.5									

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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
26.5	45.7	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Dark Gray to Black	1/1.6		26.5	28.1									
		60% quartz, 25% sericite, 15% graphite, 1-2%	0.3/3.1			31.2									
		pyrite. Quartz content near uniform, sericite/graphite content varies. Graphite occurs as minute bands or threads.	2.6/5.7			36.9									
		Fracturing not numerous, generally @ 90° to banding, often show minor offsets.	0.4/2.5			39.4									
		Fl 20° @ 27.5m, 40° @ 27.8, 20° @ 28.1, 50° @ 29.3(?)-31.3.	0.35/0.6			40.0									
		30° @ 32.4, 20° @ 32.6, 40°-30° @ 33.0, 30° to 36.3m, 45° @ 36.6, 45° to 38.4m, 20° @ 39.5, 10° @ 42.1,	0.2/1.8			41.8									
		20° @ 42.6, 45° @ 43.7(?) to 45.7m.	0.7/0.9 0.3/3.0			42.7 45.7									
45.7	57.6	QUARTZ - SERICITE - GRAPHITE PHYLLITE													
		Similiar to section above but very siliceous, hard,	0.25/2.9		45.7	48.6									
		fractured and parts brecciated (49m, 55m). Parts show thicker graphite layers, slight increase	0.55/2.3			50.9									
		in pyrite, up to 5% between 48.6-50.5m. No Pb Zn noted.	1.1/7.9			58.8									
		Because of numerous fractures, core breaks up into angular fragments.	0.06/0.3			59.1									
		45-57m rock undergone intense stress; flow line, brecciation, slippage, warped banding (or folds). Probabl-													
		drag folding @ 51.6(?)													
		Fl 25° @ 45.8m, 30° @ 48.6, 20-30° @ 49-50.9-57(?)													
57.6	63.3	SILICIFIED QUARTZ - GRAPHITE. Mainly 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 & re-cemented.													
		Banding indistinct, possibly 15° to core from 59.5-61m; 35° @ 61.4, 55° @ 62.3(?) - 62.6(?).													

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Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay ppm. Pb	Zn	Ag	Au	Cu	Assay x Pb	Zn	Ag
63.3	66.1	QUARTZ-SERICITE-GRAPHITE PHYLLITE ?					m.								
		0.08' of gray-black mud w/ rock chips recovered. Sludge gray-black color. Show quartz grains of flakes of sericite/graphite.	0.08/2.0		63.3	66.1									
66.1	69.2	QUARTZ-SERICITE PHYLLITE. Medium Gray													
		70% qtz, 30% ser, negli pyrite, minor graphite. Finely foliated. slightly fissile. moderately hard. Fi @ 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% pyr, no Pb Zn noted	Nil/1.5	KP78-1B	69.2	70.7	sludge 1.5	11	110			271			
70.7	72.2	No Core													
		Cuttings slightly darker than sludge above mentioned, an increase in graph content, 1-2% py, no Pb Zn seen.	Nil/1.5	KP78-1C	70.7	72.2	sludge 1.5	16	273			244			
72.2	73.8	No Core													
		Cuttings black, graphitic, 1% py	Nil/1.4	KP78-1D	72.2	73.6	sludge 1.4	15	313			280			
73.8	75.3	No Core													
		Cuttings black, graphitic, 1-2% py	Nil/1.7	KP78-1E	73.6	75.3	sludge 1.7	12	240			430			
75.3	76.8	QUARTZ-SERICITE-GRAPHITE PHYLLITE. Dark Gray													
		65-70% qtz, 25 ser, 15 graph, 0.5 py. Thinly foliated, varying hardness.	0.15/1.5		75.3	76.8									
		Fi 55° (?).													

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Interval From	Interval To	DESCRIPTION	Recovery	Sample No	Interval From	Interval To	Sample Length	Assay ppm Pb	Assay ppm Zn	Assay ppm Ag	Assay ppm Au	Assay ppm Cu	Assay x Pb	Assay x Zn	Assay x Ag
76.8	78.3	No Core													
		Cuttings black, graphitic, 5% pyr, no Pb/Zn seen.	Nil / 1.5	KP78 -1C	76.8	78.3	Sludge 1.5	12	350			370			
78.3	79.9	QUARTZ - GRAPHITE PHYLLITE. Black.													
		70-80% qtz, 1 py. Siliceous + hard. Appear to be highly fractured + folded	0.3 / 1.6		78.3	79.9									
		F1 25° @ 79.4 (?)													
79.9	81.1	QUARTZ - SERICITE - GRAPHITE PHYLLITE. Med. Gray													
		80% qtz, 10/10 ser/graph. Sil + hard. Appear to be less fractured than section above + Slightly fissile. Negligible py. F1 40-50°	0.35 / 1.2		79.9	81.1									
81.1	84.4	QTZ-SER-GRAPH PHY. Med. to Light Gray.													
		50% qtz, 30 ser, 20 graph, negli py (blebs). Very thinly foliated fissile. Wavy + crumpled. F1 probably drag-folded. F2 faint but distinguishable from 82.8-84.4m.													
		F1 40° @ 81.3-81.6m; 55° @ 81.8, 80° @ 82.5, 65-80° @ 82.6-84. F2 near vert. to F1.													
	84.4m	END OF HOLE △													
		REMARKS = (1) EM. anomaly totally or partly caused by graphitic rocks.													
		(2) Geochem + Gravity high not explained.													
		(3) Various means + methods were tried to obtain core recovery.													
		(4) At 81.1m, a different type of drill bit was used to try for better core recovery (Series 50 hard matrix) - fewer but larger diamonds. Improved core recovery thereafter may be due to a change of rock type due a change in the dip of rocks.													
		NOTE: 20 feet of NW casing left in hole.													

DIAMOND DRILL RECORD

LOGGED BY F CHOW TO 63.6 & W. MURTON

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

DEPARTURE 500E DIP OF HOLE -60° COMPLETED SEPT 29/78 NS

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

20' N CASING LEFT IN HOLE. BQ core. TARGET : Gravity + EM anomaly

CLAIM No. PELLY 73

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

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

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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	- 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%/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 KP 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_3 70-60°, F_1 0-30°	1.7/3.3		48.2	51.5									
		TO F_3 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_2 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 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 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 KP78-2 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 @ 45° TO CORE	0.5/1.2												
80.0	82.3	SILICEOUS GRAPHITIC QUARTZ PHYLLITE. F-1 @ 90° TO CORE, F2 @ 70° TO CORE. BECOMING SERICITIC @ 81.7	1.5/2.3												
82.3	84.7	SERICITE QUARTZ PHYLLITE. GREY. F1 PARALLEL TO F2 @ 60° TO CORE. @ 82.9, F1 PARALLEL TO CORE AND F-2 80° TO CORE. AT 84.0, F2 60°-90°	2.4/2.4												
84.7	87.6	GRAPHITE SERICITE PHYLLITE. FAULT ZONE FOR 0.1 M @ 87.1. F2 FROM 45°-90° TO CORE	2.9/2.9												
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	0.6/0.8		88.1	89.0									
		FRAGMENTS IN GOUGE. F2 FROM 0° @ 88.0 TO	0.4/0.8 1.0/5.8		89.0 90.8	90.8 96.2									
		30° @ 88.5. RANDOM QUARTZ VEINS UP TO 1 CM.	1.2/3.1		96.2	99.3									
		SPECIMEN @ 102.8 APPEARS TO HAVE CROSS BEDDING	1.2/1.4		99.3	100.7									
		FEATURES - PROBABLY JUST DUE TO FAULTING.	1.7/2.0		100.7	102.7									
		SCATTERED PYRITE THREADS AND GRAINS UP TO	3.1/4.6		102.7	107.3									
		1% WHERE GRAPHITE HEAVIEST.													
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 OR 2 PER .5 METER). GREY-BLACK COLOR													
114.0	118.2	BLACK GRAPHITIC SILICEOUS PHYLLITE. HARD.													
		DISSEM. PYRITE 1-2%. F_1 @ 55° @ 118. F_2													
		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. F_1 & F_2 both	1.0/3.2		136.0	139.2									
		90° to CORE @ 123. AT 120 F_1 - 40°, F_2 90° TO F_1.	4.0/5.3		139.2	144.5									
		AT 134 F_1 & F_2 90° TO CORE, AT 142.5 F_2 45°,													
		F_2 NEAR 0° @ 144.5. QUARTZY ZONE @ 144.1													
144.5	149.4	SHEARED FAULT ZONE. SECTIONS SERICITE													
		PHYLLITE & SECTIONS MUD. AT 146.3 F_2 - 0°.	2.2/4.9												
		FAULT PLANE 20° @ 147.0. MINOR STRINGERS													
		BUFF SERICITE @ 147.0 & 147.2. AT 149.4 F_2 10°													
149.4	154.0	QUARTZ SERICITE GRAPHITE PHYLLITE. SECTIONS													
		VERY SILICEOUS. F_2 0°-10° to CORE. ALSO F_1?	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 (F_1?) - F_1? @ 60-70°. F_2 PARALLEL TO F_1. LOOKS LIKE A BANDED QUARTZITE. PROBABLE FAULT AT 169.5 - BROKEN CORE	1.0/1.1												
169.6	171.2	QUARTZ ~~&~~ GRAPHITE SERICITE PHYLLITE. F_1 PARALLEL TO F_2 @ 90°	0.7/1.6												
END OF HOLE															

File A.D. Pelly

DIAMOND DRILL RECORD

LOGGED BY J.W. MURTON

PROPERTY FINLAYSON LAKE PROJECT - PELLY CLAIMS

D.D.H. No. KP 78-3 PAGE 1 of 8

LATITUDE 700N BEARING OF HOLE 194° STARTED OCT 1/78 (D.S.)

DEPARTURE 500E DIP OF HOLE -60° COMPLETED OCT 5/78 (N.S.)

ELEVATION 2930' DIP TESTS — DEPTH Proposed: Ultimate: 187.7m.

BQ CORE. TARGET = EM ANOMALY

CLAIM No. PELLY 62

N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

FOOTAGE metres FROM	TO	DESCRIPTION	Rec. Ft.m	Sample No.	Footage m From	To	Sample Length	Assay Pb	Zn	Ag	Au	Cu	Assay x Feet Pb	Zn	Ag
0	10.9m	OVERBURDEN 10' N CASING 36' B CASING - LEFT IN HOLE													
10.9	21.6	QUARTZ GRAPHITE SERICITE PHYLLITE. ALL	1.2/1.6	—	10.9	12.5									
		BROKEN. LIMONITE ON FRACTURES F_3? @ 90°	0.4/3.0	—	12.5	15.5									
		@ 11.0. SCATTERED FAULT ZONES WITH MUD	0.2/1.2	—	15.5	16.7									
		@ 12.0-12.5. CORE LOST (SLUDGE IN BOX) AT 13-14,	3.3/4.0	—	16.7	20.7									
		20.7-21?, 23.4-24?. NO APPARENT LIMONITE													
		AFTER 19.8. SLIGHT DISSEMINATED Py 1-2%.													
21.6	34.2	QUARTZY ZONE. WHITE QUARTZ & GRAPHITE.	1.8/4.6	—	20.7	25.3									
		HIGH CORE LOSS. - ALL BROKEN, SLUDGE IN BOX.	0/5.8	—	25.3	31.1									
		LOOKS LIKE QUARTZ ZONE AT EDGE OF FAULT	0.8/3.1	—	31.1	34.2									
		ZONE. PROBABLE FAULT ZONES THROUGHOUT													
		SECTION. 1-2% DISS. PYRITE. RUSTY OXIDATION													
		SPORADICALLY 31.0-34.0.													
34.2	35.8	QUARTZ GRAPHITE PHYLLITE? (MAYBE A	5.7/5.7		34.2	39.9									
		GRAPHITIC QUARTZITE). BANDING F_1? 60°-													
		90° to CORE. SCATTERED WHITE QUARTZ													
		STRINGERS UP TO .5CM													

LOGGED BY J.W. MURTON D.D.H. No KP 78-3 PAGE 298

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 0.5 cm @ 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 AN PYRITIC GRAPHITIC SLIGHTLY SILICEOUS MATRIX. PYRITE 2-3%. BLUE GREEN OXIDATION ON FRACTURES @ 37.5. F1 FOLD NOSE (TIGHT) @ 37.5. QUARTZY FAULT ZONE 37.6 - 37.8. F1 PARALLEL TO F1 @ 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		39.9	40.4									
40.4	67.1	QUARTZ GRAPHITE SERICITE PHYLLITE. DARK GREY TO BLACK. 80% DARK GREY QUARTZ 15% GRAPHITE 5% SERICITE. FAULT (MUD) ZONES @ 45.2, 45.6, 53.9, 55.0, 58.3 (QUARTZY ZONE @ 58.2) 64.5. F1 PARALLEL TO F1 70°-90° THROUGHOUT. ½-1%	7.5/10.0		40.4	50.4									
			4.0/8.6		50.4	59.0									
			1.9/3.4		59.0	62.4									
			1.0/4.7		62.4	67.1									

LOGGED BY J.W. MURTON D.D.H. No KP78-3 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 72-82. 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_3 @ 80°. F_4? PARALLEL TO F_3? 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_3?													
		@ 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 SECTIONS - LOOKS HALF DISSOLVED -													
106.7	111.8	~~E~~BLEACHED BUFF WHITE, CLAY, CARBONATE													
		ALTERED INTRUSIVE DIKE. NO FOLIATION													
		EXCEPT MINOR FAULTING. @45° @ 108.2 -	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). EFFERVESES WELL.													
		SPECIMEN @ 108.5.													
111.8	113.0	"SPONGY" SECONDARY QUARTZ ZONE. POROUS	0.1/1.2												
113.0	123.1	QUARTZ SERICITE GRAPHITE PHYLLITE.													
		SILICEOUS SECTIONS. F_2? @ 80° SECONDARY													
		QUARTZ VEINLETS UPTO 1 CM. 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 KP 78-3 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 PALE GREY BANDED.	2.7/2.7												
125.8	126.3	CREAMY BUFF CLAY CARBONATE ALTERED DYKE AS AT 106.7-111.8.	0.5/0.5												
126.3	129.6	SILICEOUS QUARTZ SERICITE PHYLLITE. F_2? @ 80°-90°. SMALL (1 mm) SEAMS & MARIPOSITE? 128.9-129.6. SPECIMEN #29.	3.3/3.3												
129.6	131.1	SPONGY GREY SILICEOUS ZONE. FOLIATION STILL EVIDENT @ 90°. LOTS OF LIQUID MOVED THROUGH THIS SECTION. CRUMBLY WHEN BROKEN (CARBONATE DISSOLVED?)	1.4/1.5												
131.1	132.6	BLEACHED QUARTZ SERICITE CARBONATE PHYLLITE. F_2? @ 80°-90° TO CORE. CREAMY COLOR. WHITE CARBONATE IN FRACTURES & "FLAME" STRUCTURES. THREADY DARK BANDS ON FOLIATION	1.5/1.5												

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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	INTER BANDED 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 (1% 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												

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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 KP78-5 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
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													