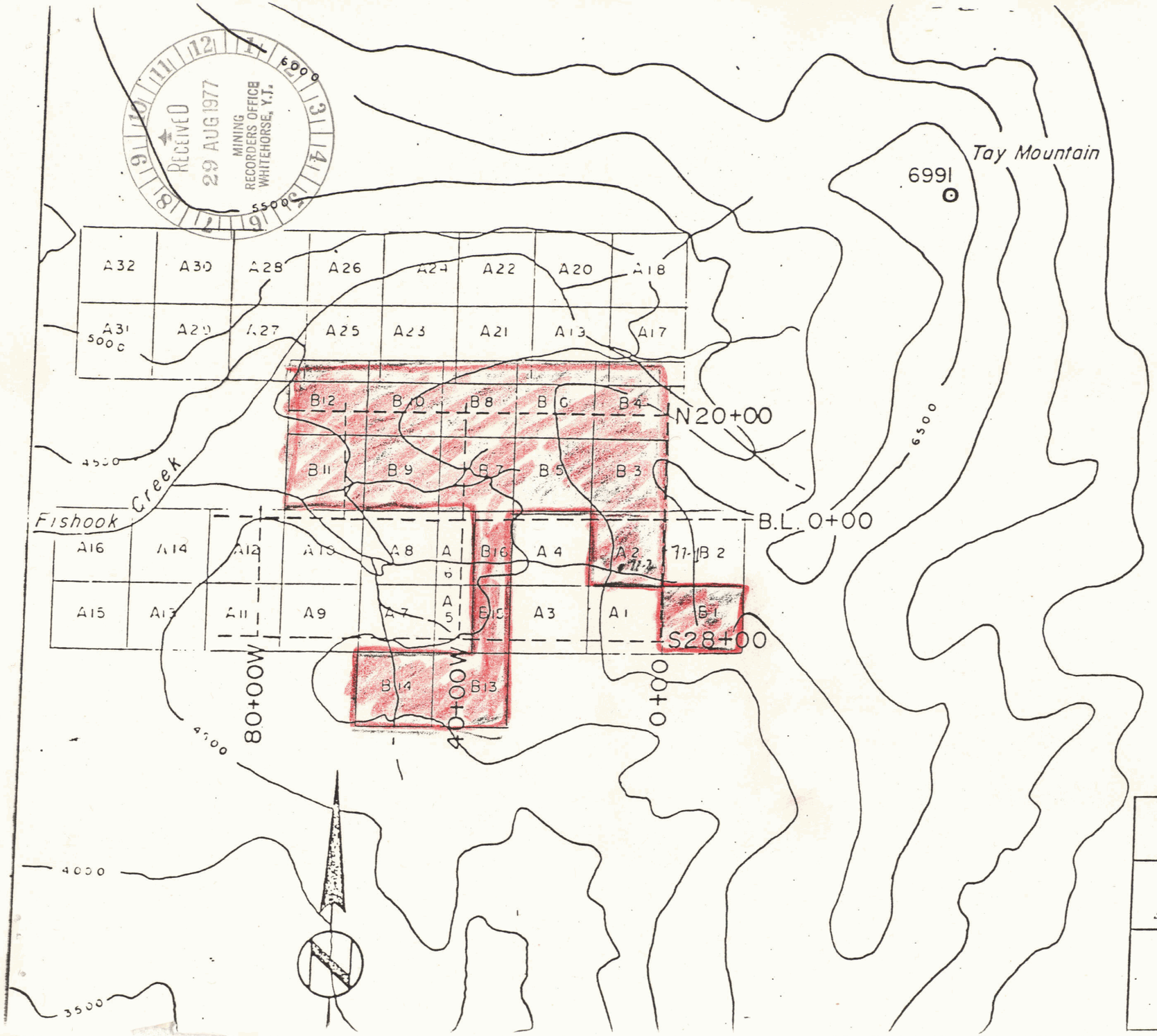
DD-209
091267

RECEIVED
29 AUG 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.



SWIM LAKE MINES LTD.

Allied Exploration Management Ltd

420 – 475 Howe St. VANCOUVER, B.C.

TAY MOUNTAIN

N.T.S. 105 L 9

RECEIVED
29 AUG 1977
MINING RECORDERS OFFICE
WHITEHORSE, Y.T.

DD-208

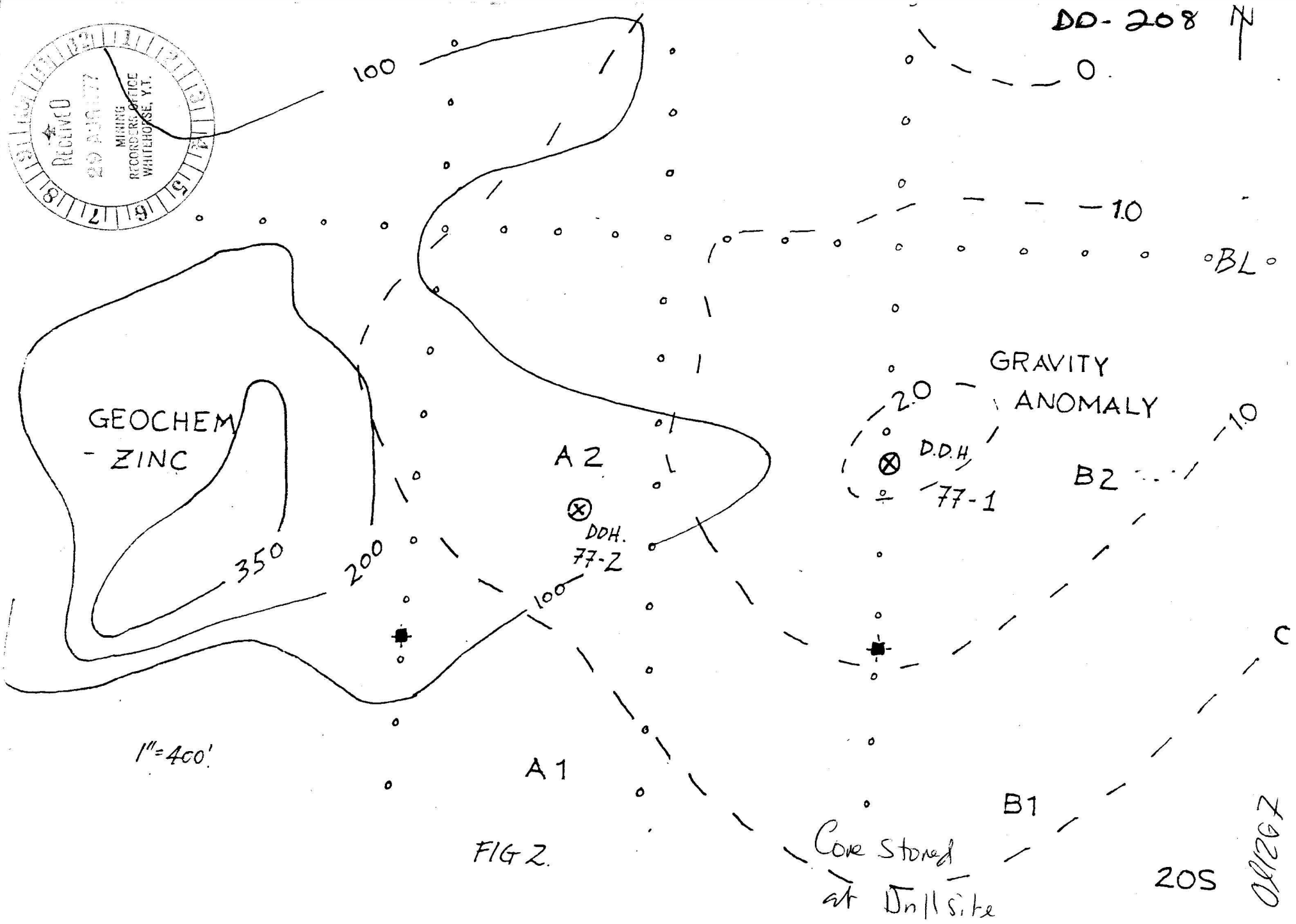


FIG 2.

Core Stored at Drill Site

92210

Q71914-Q71924
105-L-9
A1-Y98931 DD-208
B.2-YA3981

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon YIA 2VI (403) 667-6434

INVOICE #1928

June 30, 1977

IN ACCOUNT WITH:

Canadian Natural Resources Ltd.,
Suite 530, I.B.M.Tower,
P. O. Box 10154,
701 West Georgia Street,
Vancouver, B.C. V7Y 1E4

Drilling charges for the period June 14 - 30, 1977

Mobilization			
Re: clause 12 of contract - 1/2 x $2,000.00		$1,000.00	
Moving In & Setting up on first hole			
286 man hours @ $15.85 per hour =		4,533.10	$5,533.10
Hole: #77-1 x 90° x BQ			
Overburden			
0 - 10 = 10 feet @ $16.25 per foot =		$ 162.50	
Core Drilling			
10 - 500 = 490 feet @ $16.25 per foot =	$7,962.50		
500 - 748 = 248 ft. @ $17.00 per ft. =	4,216.00	$12,178.50	
Reaming Through Cave			
9 man hours @ $15.85 per hour =	$142.65		
4½ machine hours @ $9.00 per hour =	40.50	183.15	$12,524.15
Core Boxes			
46 core boxes @ $6.50 per box =			$ 299.00
Board & Room			
Meals supplied - 22 man days @ $17.50 per day =			$ 385.00
Repairs & Maintenance			
Occasioned by helicopter dropping drill motor & frame			
82 man hours @ $15.85 per hour =		$1,299.70	
Parts completely written off			
Engine & radiator	$3,196.74		
Transmission assembly	500.00		
Tailshaft assembly	324.95		
Frame	1,200.00		
Cost of shipping new drill to Faro - 250 miles @ $1.00 per =	250.00	$5,471.69	$ 6,771.39
	TOTAL INVOICE		$25,512.64

001267

DIAMOND DRILL RECORD

LOGGED BY Stanley B Hanna Kotton

DD-208

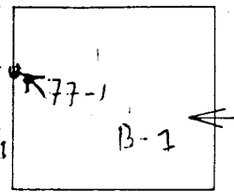
PROPERTY TAY MOUNTAIN; A-B GROUP: SWIM LAKE MINES

D.D.H. No. 77-1 PAGE 1

LATITUDE L 0+00 BEARING OF HOLE _____ STARTED 21st JUNE 77

DEPARTURE 7 S DIP OF HOLE VERTICAL COMPLETED 25 June 77

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: 748'



N

CLAIM No. A1-B 1 (Boundary Line)

DIRECTION AND DISTANCE FROM NE. CLAIM POST

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	10	OVERBURDEN													
10	70	RIBBON BANDED - BLACK - GRAPHITIC PHYLLITE. Cut by thin (0-6") qu-veins. Note F_2 fold-noses at 10, 25, 44'. Broken rock intermittently to 60'. Rusty - limonite - goethite - rich zones 27-30', 55-58'. Recovery 90%. C.A. 20' = 60°; 40' = 51; 60' = 56													
70	85	THIN BANDED BLACK-WHITE ANDALUSITE BEARING GRAPHITIC PHYLLITE. Small, elongate, tabular chiastolite crystals locally throughout unit. In cross-section they measure 1-5 mm. CA 80' = 82° F_2.													
85	135	GREY SERICITE PHYLLITE with local incipient ANDALUSITE CRYSTALS													

DIAMOND DRILL RECORD

LOGGED BY: SBL

DD-208

PROPERTY

D.D.H. No. 77-1 PAGE 2

LATITUDE | BEARING OF HOLE | STARTED

DEPARTURE | DIP OF HOLE | COMPLETED

ELEVATION | DIP TESTS | DEPTH Proposed: Ultimate:

N

CLAIM No.

DIRECTION AND DISTANCE FROM NE. CLAIM POST

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
	135	Chiastolite at 108-123'. F1 fold-noses at 104-6, 108, 113. Qu-vein 127-129'.													
		CA: 100 = 65° F1; 120 = 68													
135	175	THIN BANDED BLACK - QU - GRAPHITIC PHYLLITE. Good F1 foliation. F1 locally subvertical. Minor rusty-weathering pyrite - pyrrhotite.													
		CA: 140 = 60; 160 = 80; 180 = 67, F1 S.V.													
175	200	BLACK RIBBON BANDED, STRIPED QU-GRAPHITIC PHYLLITE. Locally contains black, fine-grained clasts, including. Note incoming of py-po blebs and stringers from approximately 171' on. Locally 1-2% Sulphide													

DIAMOND DRILL RECORD

LOGGED BY SBL

DD-208

PROPERTY

D.D.H. No. 77-1 PAGE 3

LATITUDE BEARING OF HOLE STARTED

CLAIM No.

DEPARTURE DIP OF HOLE COMPLETED

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

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
		Sulphide concentrated in F_1 and F_2 foliations													
		CA: 200 = 70°													
200	489	GRADES TO BLACK-WHITE STRIPED QU-GRAPHITIC													
		PHYLLITE, MORE QU-RICH THAN ABOVE.													
		Excellent ribbon-banded phyllite; Qu veins													
		(0-6"). Local black f.g. clasts. F_1 locally													
		Sub. vertical to good F_2. Py-po blebs													
		stringers often associated with qu-veins													
		also conc. in $F_1 F_2$ laminae. Locally 1-2%													
		Sulphide. Note greenish calcite associated													
		with vein quartz at 248'. Note minor cpy.													
		Thin cc-veins with py.													
		CA: 220 = 61°; 240 = 80°; 260 = 65 F_1 s.v.; 280 = 68;													
		300 = 68; 320 = 80; 340 = 74; 360 = 75;													
		380 = 65; 400 = 60; 420 = 54; 440 = 66°;													
		460 = 80; 480 = 60°.													

DIAMOND DRILL RECORD

LOGGED BY _____ DD-208

PROPERTY _____ D.D.H. No. 77-1 PAGE 4

LATITUDE _____ BEARING OF HOLE _____ STARTED _____ CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____ DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

N

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
489	551	GREEN-BROWN, LAMINATED BIOTITE-CHLORITE													
		SCHIST, with partings of BLACK STRIPED													
		QU-GRAPHITIC PHYLLITE.													
		Possibly meta-volcanic? w calc-silicate;													
		though only frazes locally.													
		Note first 25' of unit po-rich:													
		1-2% po disseminated throughout. Note													
		thin cc-veins with minor pyrite-po													
		Blebs-stringers of py-po (2-3") locally													
		throughout unit.													
		CA: 500' = 71°; 520 = 30°; 540 = 80; F_2 fold nose													
551	748	BLACK-WHITE STRIPED QU GRAPHITIC PHYLLITE													
		Qu-veins up to 2'. Note thin (1-5mm)													
		white qu-cc veins // to core axis, which													

DIAMOND DRILL RECORD

LOGGED BY _____ DD-208

PROPERTY _____

D.D.H. No. 77-1 PAGE 5

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

CLAIM No. _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

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
		Contain disseminated py-po													
		Note py-po blebs locally 1-2%: Also qu-vein													
		with py, Aspy at 640'. Rock - hard compact													
		quartzose possibly slightly hornfelsed.													
		CA: 560 = 70°; 580 = 75°; 600 = 75°; 620 = 65 F, SV;													
		640 = 80°; 660 = 78°; 680 = 60°; 700 = 80°; 720 = 82													
		740 = 75°.													
	748	END													
		CORE STORED AT DRILL SITE.													

011267 DD-208

DIAMOND DRILL RECORD

LOGGED BY Stanley B Meaney Holden

PROPERTY TAY MOUNTAIN : A-B GROUP SWIM LAKE MINES 105-L-9

D.D.H. No. 77-2 PAGE 1

LATITUDE L 11 W 8+50 S BEARING OF HOLE _____ STARTED July 1

CLAIM No. A-2 (Y98931)

DEPARTURE _____ DIP OF HOLE VERTICAL. COMPLETED July 6

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: 400'

77-2 A2 → N ← DIRECTION AND DISTANCE FROM NE. CLAIM POST

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	84	OVERBURDEN: OLD CREEK BED OR CEMENTED TALUS SLOPE: ANGULAR FRAGMENTS OF SCHIST CEMENTED BY RUSTY WEATHERING SOIL.													
84	190	BLACK AND WHITE STRIPED RIBBON BANDED QU- GRAPHITIC PHYLLITE.													
		Excellent F_2 foliation. F_2 fold noses at 151', 183'. Up to 1% disseminated sulphide mainly pyrite and pyrrhotite with minor arsenopyrite and chalcopyrite. Note grains of dark red-brown sphalerite in quartz veins													
		at 156', 164, 174, 176.5 181'. Spa 164'													
		CA 100' = 50°; 120 = 65; 140 = 75°; 160 = 64° 180 = 65°.													

DD-208

DIAMOND DRILL RECORD

LOGGED BY SBd

PROPERTY

D.D.H. No. 77-2 PAGE 2

LATITUDE BEARING OF HOLE STARTED

CLAIM No. A-2

DEPARTURE DIP OF HOLE COMPLETED

N

DIRECTION AND DISTANCE FROM NE. CLAIM POST

ELEVATION DIP TESTS DEPTH Proposed: Ultimate:

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
190	203	GRADES TO DARK-GREY, STRIPED, LIMY, BIOTITE													
		QU-SERICITE PHYLLITE.													
		Conspicuous orange-brown folia, and books													
		of biotite in qu-veins. Minor disseminated													
		pyrite, pyrrhotite, arsenopyrite and sphalerite??													
		CA 200 = 40°.													
203	270	BLACK STRIPED QU-GRAPHITIC PHYLLITE with													
		local white limy partings. Disseminated													
		sulphide 1% py, po. Qu-vein (6") with													
		minor blebs po, py, dk-red-brown sphalerite													
		at 230'. (Spec)													
		CA: 220 = 69, F.SV.; 240 = 65; 260 = 66°.													

DD-208

DIAMOND DRILL RECORD

LOGGED BY _____

PROPERTY _____

D.D.H. No. 77-2 PAGE 3

LATITUDE _____ BEARING OF HOLE _____ STARTED _____

DEPARTURE _____ DIP OF HOLE _____ COMPLETED _____

ELEVATION _____ DIP TESTS _____ DEPTH Proposed: Ultimate: _____

772 +6

A-2

N

CLAIM No. _____

DIRECTION AND DISTANCE FROM NE. CLAIM POST

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
270	400	GRADES TO GREY LIMY BIOTITE QU-SERICITE													
		PHYLLITE													
		Conspicuous red-orange biotite, and													
		white limy horizons. Local black													
		graphitic partings with possible small													
		crystals of andalusite.													
		Note presence of rounded black clasts.													
		CA 280 = 72; 300 = 80; 320 = 76; 340 = 72													
		360 = 77; 380 = 84; 400 = 67													
	400	END.													
		CORE STORED AT DRILL SITE.													