

913-8638

WEIR MOUNTAIN REPORT NO. 7
DIAMOND DRILLING
CLAIMS CY-1 to 9, ENG-1 to 3
RECORD NO.S 224-231, 479, 221-223

WEIR MOUNTAIN AREA
59°39'N, 132°59'W
NTS 104N/10W
ATLIN MINING DISTRICT

OWNER: NORANDA MINES LIMITED
OPERATOR: MATTAGAMI LAKE EXPLORATION LIMITED
AUTHOR: W. MERCER, Ph.D.
DATE: SEPTEMBER, 1980

MINERAL RESOURCES BRANCH ASSESSMENT REPORT 8638 NO. _____

Part 1
of 25

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CHAPTER ONE: INTRODUCTION

1-1 Property and Ownership

Noranda Mines Limited is the owner of mineral claims ENG 1-3 and CY 1-9, record numbers 221 to 231 and 479 respectively. These claims were staked for the company and recorded in Atlin, British Columbia on the 26th of July 1977 (ENG 1-3 and CY 1-8) and the 26th of June 1978 (CY-9).

The claims cover 195 units or about 4,875 hectares.

1-2 Location and Access

The claims are located in the Weir Mountain area, northern British Columbia, NTS 104N (Figures 1 and 2). The property lies 41 km northeast of the community of Atlin and its geographical co-ordinates are 59°39'N and 132°59'W.

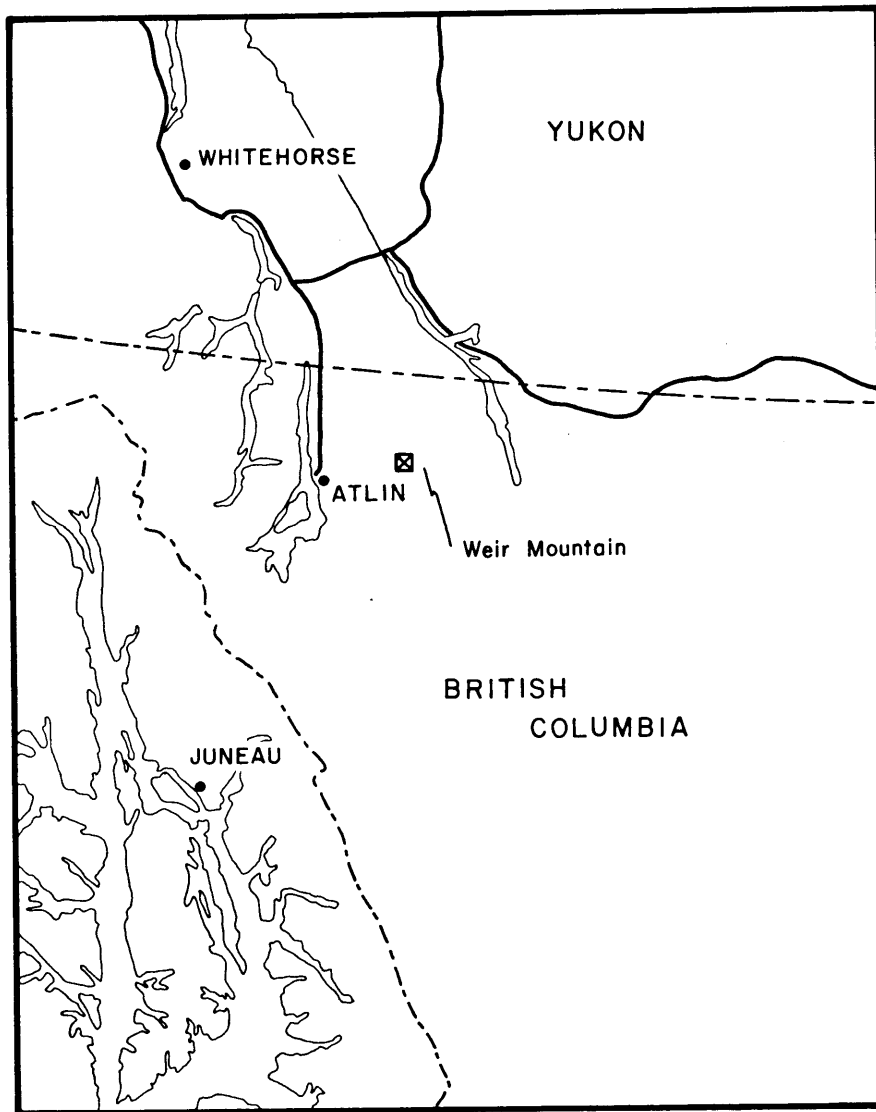
There are no roads to the property. Access is via helicopter from Atlin. A gravel road connects Atlin with the west shore of Surprise Lake, 22 km west of Weir Mountain.

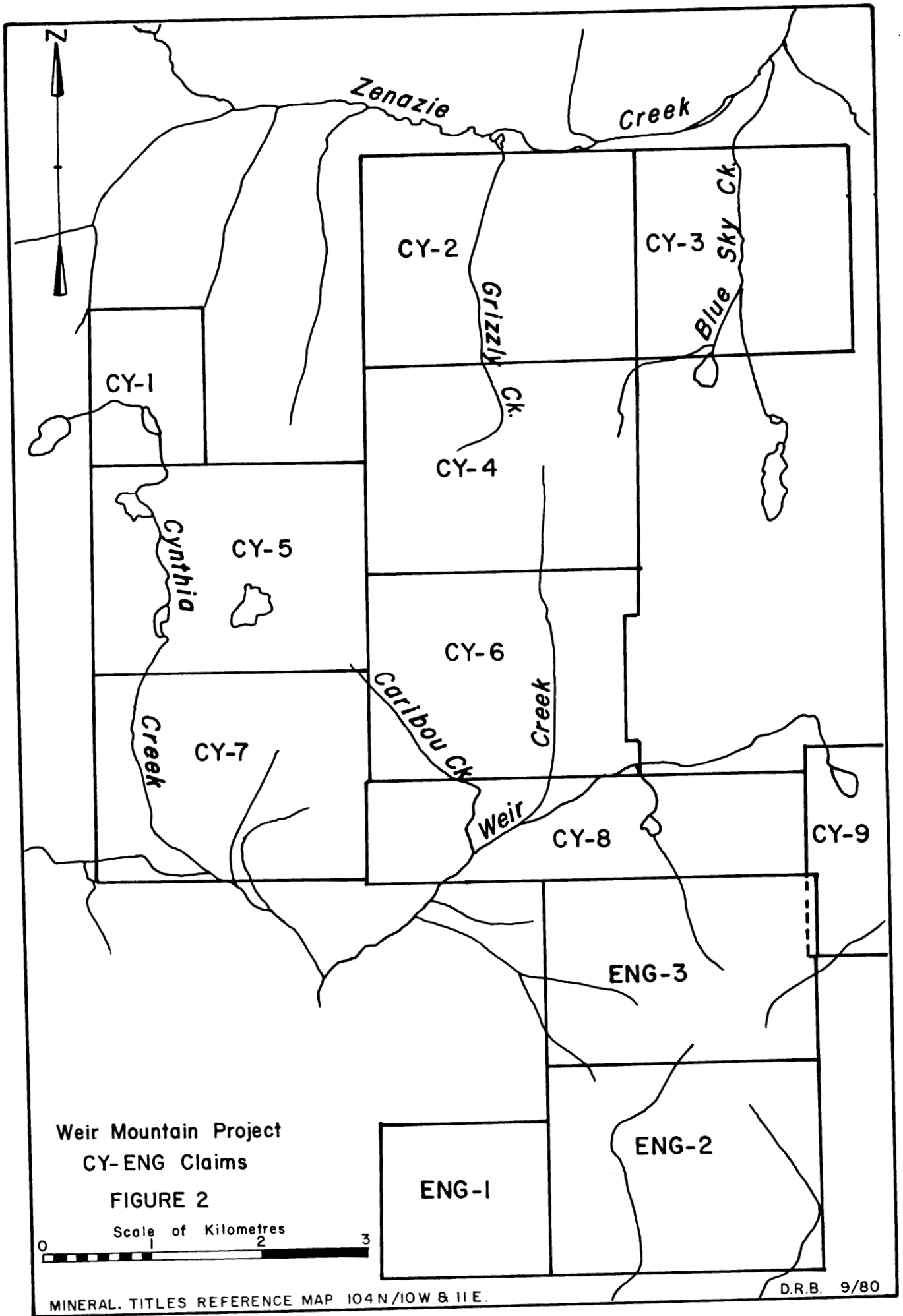
1-3 Physiography

The area is mountainous, with gently sloping, vegetation covered, southeast flanks and precipitous cliffs on the northwest flanks. Recent glaciation has left wide U-shaped valleys as well as cirques and hanging valleys. The elevation is 1,000 to over 2,000m above sea level.

Vegetation is dense, short, willow bush up to 1,300m. Above this elevation, there is immature alpine-type soil, 10 to 50 cm thick. Vegetation here constitutes grass and lichens. Valley bottoms are covered by extensive fluvial and moraine deposits.

Figure 1
LOCATION MAP
CY & ENG CLAIMS, B.C.
WEIR MOUNTAIN AREA





1-4 Climate

The CY and ENG claims are almost completely free of snow from early July to the end of August, although many cornices persist for much of the summer.

The area is characterized by strong winds, generally from the southwest. Summer temperatures average +4°C and snow storms are common during the summer months, especially June and August.

1-5 History

During July 1977, eleven claims (187 units) were staked in the Weir Mountain area for Mattagami Lake Mines Ltd. to cover a radioactive area discovered by a regional helicopter-borne radiometric survey in 1977. One additional claim (CY-9, 8 units) was staked in 1978.

Geochemical sampling, radon detection in water and soil and radiometric surveys were carried out to cover most of the CY claims in 1977, (Weir Mountain Report No. 1, F. Morra).

Detailed geochemical and geophysical surveys (magnetometer, RADEM, VLF, I.P., Radiometric) were completed during the summer of 1978, mainly on the CY-3, CY-4 and CY-6 claims. The results of this work are presented in Weir Mountain Reports, Numbers 3 and 4, the CEM Report, Weir Mountain (T. Gledhill and D. Sutherland, 1978) and the I.P. Report (Phoenix Geophysics).

This work helped delineate the source of some of the geochemical anomalies, namely two uranium anomalies and several sphalerite and magnetite occurrences.

During the first part of the 1979 program (June and July) work was concentrated on the CY-3, CY-6 to CY-9, and ENG-1 to ENG-3 claims. This included geological mapping, prospecting, magnetometer, radiometric and radon in soil surveys.

No primary uranium mineralization was discovered, however following encouraging results for other metals obtained during the June-July 1979 period of work, exploration was renewed in August and September. A base camp was established at the mouth of Caribou Creek. Further geophysics, geochemistry and trenching was done (J. Biczok, Weir Mountain Report No. 6, April 1980).

1-6 Summary of Work

During the summer of 1980 the following work was performed on the property:

- 1) Geophysical surveys, including airborne EM and magnetometer and ground surveys utilizing Geonics EM31, Geonics VLFEM16R, McPhar fluxgate magnetometer, Crone Radem and Crone Shootback EM.
- 2) Geochemical surveys including soil and stream sediment sampling.
- 3) Limited trenching.
- 4) Diamond drilling using a BBS1 drill and AQ core, for a total of 1,926 metres. Drilling was performed by Morrisette Diamond Drilling of Haileybury, Ontario.

Mattagami personnel involved in the work were as follows:

Paul Nielson	Exploration Geologist
Lloyd Alterton	Geophysical Supervisor
George Doucet	Camp Expeditor, trenching and assistance with geophysics and drilling
Jim Thorpe	Junior Assistant
Victor Nishi	Junior Assistant
Kevin Tomlinson	Junior Assistant

This report is concerned with the diamond drilling. Paul Nielson supervised the drill in the field and logged holes 80.1 through 80.14. Unfortunately, due to a vehicle accident he was unable to finish the work and write the report. Lloyd Alterton logged holes 80.15 and 80.16. The writer would like to acknowledge the very competent and well organized work of Paul Nielson that made this report easier to write.

CHAPTER TWO: DESCRIPTION OF DRILLING

2-1 Diamond Drill

The diamond drill was a BBS-1 rented from Morrisette Diamond Drilling. Helicopter utilized was a Bell 206B from Northern Mountain Helicopters of Prince George. All drill moves were by helicopter. Core was flown to the camp location and stored there (Figure 3).

2-2 Target of Diamond Drilling

Diamond Drill Holes 80.1, 2, 3, 10, 11, 12, 13, 14, 15 and 16 were all aimed at geophysical targets. DDH 80.4, 5, 6, 7, 8 and 9 were all aimed at a previously described mineralized zone referred to as Zone E (Biczok, 1980, Weir Mountain Report No. 6). For the geophysical results see a separate report (W. Mercer, Geophysical Surveys, Weir Mountain Report No. 8).

The overall locations of the drill holes are shown in Figure 3 in relation to topography and creeks. Figures 4 and 5 give the details of azimuth and horizontal distance.

Drill holes are denoted as follows:

W.F-80.1

where W = Weir Mountain

F = Anomaly F

80 = 1980

1 = Drill hole number in 1980.

Drill hole logs are given in Appendix One.

TABLE 1: Drill Targets

DDH #	EM31 ¹	EM16R ²	Magnetometer ³	Crone EM	Geology
W.F-80. 1					
W.F-80. 2			625 (510)		
W.E-80. 3					} Drilling of Zone E exposed in trench
W.E-80. 4					
W.E-80. 5	2.1 (0.8)	475 (1000)	600 (400)		
W.E-80. 6					
W.E-80. 7					
W.E-80. 8	2.1 (0.8)	475 (1000)	600 (400)		
W.E-80. 9	2.1 (0.8)	475 (1000)	600 (400)		
W.C-80.10	3.6 (0.3)		1420 (600)		
W.C-80.11	2.4 (0.3)				
W.C-80.12	3.6 (0.3)		1000 (500)		
W.E-80.13		300 (1000)			
W.E-80.14	3.3 (0.5)				
W.N-80.15	0.7 (0.2)			+12°	
W.P-80.16	0.4 (0.2)				

NOTE: 1: Values in millimhos, anomaly followed by background in parentheses
 2: Values in ohms, anomaly followed by background in parentheses
 3: Values in gammas, anomaly followed by background in parentheses

APPENDIX ONE: DRILL HOLE LOGS

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+907.5NW	STARTED	June 8, 1980	DIP TEST					
HOLE NO.	W-F-80.1	DEPARTURE	10+015NE	FINISHED	June 10, 1980	Depth	Corrected	Depth	Corrected	Depth	Corrected
BEARING	326° az.	ELEVATION	1695 m	LENGTH	106.71 m	45 m	-53°				
DIP-COLLAR	-550	SECTION	--	LOGGED BY	P. Nielson	106 m	-51°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.05	CASING (Bedrock at 0.46 m)	
3.05	13.41	COARSE GRAINED ALASKITE/GRANITE Massive, 'granitic' textured rock, consisting of 60% subhedral feldspar grains average 1.0 - 1.5 cm in length. 30% smoky anhedral quartz crystals 0.5 - 1.0 cm average diameter, 10% biotite aggregates 2-3 mm average diameter. 4.73m - 0.60m ground core	
13.41	17.68	APLITE Light grey massive rock, consisting of up to 70% anhedral feldspar grains to 2 mm in length, 20-25% rounded quartz grains, 5-10% biotite.	
17.68	48.23	PORPHYRITIC ALASKITE/GRANITE Consists of 15-25% euhedral to subhedral feldspar phenocrysts, 1.0 - 2.0 cm in length; 10-15% 'smoky' quartz phenocrysts, 0.5 - 1.0 cm in diameter; ground mass aplitic, consisting of equigranular feldspar and quartz grains approx. 1 mm in diameter, up to 5% biotite. 23.26 - 28.17 - highly altered alaskite, rubbly, limonite, quartz and fine grained mica, minor yellow platy clay mineralization on fracture surfaces	Nil " " " "
48.23	106.71	MEDIUM TO COARSE GRAINED ALASKITE/GRANITE Similar to previously described unit. 52.53 - 53.35 - lepidolite mica rich zone	" " "
	106.71	END OF HOLE	" " " " " " " "

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	10+008NW	STARTED	June 11, 1980	DIP TEST					
DRILL NO.	W-F-80.2	DEPARTURE	10+090NE	FINISHED	June 13, 1980	Depth	Corrected	Depth	Corrected	Depth	Corrected
DIRECTION	128° az.	ELEVATION	1695 m	LENGTH	91.77 m	45 m	-45°				
DIP-COLLAR	-450	SECTION	--	LOGGED BY	P. Nielson	90 m	-45°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.05	CASING (Bedrock at 1.68 m)	
3.05	52.41	MEDIUM TO COARSE GRAINED EQUIGRANULAR TO PORPHYRITIC ALASKITE/GRANITE	Nil
		Consists of 35-50% subhedral to euhedral feldspar, 2-5 mm in length, commonly slightly altered to a buff brown colour; 20-30% rounded smoky quartz crystals, 2-5 mm average diameter; 10% biotite as spotted aggregate grains, isolated feldspar phenocrysts up to 2 cm in length.	"
		10.37 - 12.65 - highly altered zone, consisting of limonite, quartz and feldspars altered to fine grained mica and clay minerals.	"
		20.58 - 20.73 - chloritized alaskite veins with quartz, fluorite enrichment; 5-15% sphalerite, traces of galena, magnetite.	"
		22.87 - 23.78 - chloritized alaskite veins with quartz, fluorite enrichment; 5-15% sphalerite, traces of galena, magnetite.	dis. sph
		21.95 - 27.13 - contact with mineralized veins characterised by slight alteration with green feldspar, fluorite and lepidolite mica.	Nil
		27.13 - 31.86 - highly altered alaskite, rubbly, limonite, feldspar alteration	10 sph, tr gal tr sph
52.41	54.57	DIABASE DYKE	Nil
		Grey black, fine grained andesite composition, minor epidote alteration, 5% magnetite, minor pyrite metacrysts.	"
54.57	91.77	MEDIUM TO COARSE GRAINED EQUIGRANULAR TO PORPHYRITIC ALASKITE/GRANITE	Nil
		As previously described.	5 py, 5 mt
		76.52 - 83.84 - highly altered zone, feldspars weathered to white clay mineral limonite, quartz	Nil
		79.57 - 81.10 - ground core	Nil
		82.01 - 82.93 - ground core	"
		84.28 - 84.36 - diabase, trace magnetite	Nil
	91.77	END OF HOLE	"

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+750NW	STARTED	June 15, 1980	DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
HOLE NO.	W-E-80.3	DEPARTURE	10+300NE	FINISHED	June 18, 1980	30.5 m	-43°	122.0 m	-47°		
BEARING	3250	ELEVATION	1567 m	LENGTH	137.20 m	61.0 m	-47°				
DIP-COLLAR	-450	SECTION	--	LOGGED BY	P. Nielson	91.5 m	-43°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	4.27	CASING	
4.27	137.20	MEDIUM TO COARSE GRAINED EQUIGRANULAR PORPHYRITIC ALASKITE/GRANITE	
		Coarse grained phases consist of 60-65% buff white to yellow feldspar varying from 0.5 - 1.0 cm in length, 30% 'smoky' quartz phenocrysts 0.25 - 0.50 cm diameter, 5-10% biotite aggregates; porphyritic phases consist of 10-20% euhedral feldspar phenocrysts averaging 0.0 - 1.5 cm length, with 30-40% quartz phenocrysts averaging 0.8 - 1.0 cm diameter, groundmass consists of equigranular grains of quartz and feldspar averaging 0.1 - 0.2 cm diameter with minor biotite.	
		79.42 - 80.64 - Aplite	
		104.82 - 109.60 - rubbly alaskite with numerous seams	
		121.04 - 122.71 - oxidized iron stains along joint and fracture surfaces	
	137.20	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

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PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915NW	STARTED	June 19, 1980	DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
HOLE NO.	W-E-80.4	DEPARTURE	10+473.5NE	FINISHED	June 21, 1980	30.5 m	-47°	122.0	- 43°		
BEARING	1780	ELEVATION	1445 m	LENGTH	123.78	61.0 m	-45°				
DIP-COLLAR	-45°	SECTION	--	LOGGED BY	P. Nielson	91.5 m	-44°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	4.27	CASING	
4.27	34.42	MEDIUM TO COARSE GRAINED ALASKITE/GRANITE	
		Massive rock; equigranular quartz and feldspar grains 0.2 - 0.5 cm in diameter; 60% feldspar, buff white to green, 35% dark grey equigranular quartz crystals, 5% biotite as part of groundmass.	NIT
34.42	46.59	CHLORITIZED ALASKITE VEIN	3-5 sph 5-20 sph, 2-3 mt 25-50 sph, tr mt
		Fine grained dark green massive rock; 30% green feldspar in a quartz, chlorite groundmass; heavily disseminated to semi-massive sphalerite 'honey' resinous colour, intermixed with up to 25% magnetite and traces of galena.	10-15 sph, 2-20 mt 15 sph, 5-7 mt 15-20 sph, 2-3 mt
		36.89 - 42.56: semi-massive sphalerite (20-50%) with 10-25% magnetite	10-25 sph, 5 mt
46.59	123.78	MEDIUM TO COARSE GRAINED ALASKITE/GRANITE	5-7 sph, 1.5 mt 2-3 sph, mt
		As previously described.	2-5 sph, tr mt
		Contact with chloritized zone altered with lepidolite mica and white clay minerals, limonite staining along fracture and joint surfaces; minor aplitic phases 1.0 - 1.5 m in thickness	tr sph, mt NIT
	123.78	END OF HOLE	

WATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915NW	STARTED	June 22, 1980	DIP TEST					
HOLE NO.	W-E-80.5	DEPARTURE	10+474NE	FINISHED	June 24, 1980	Depth	Corrected	Depth	Corrected	Depth	Corrected
DIP BEARING	120° az.	ELEVATION	1445 m	LENGTH	90.24 m	31 m	-48°				
DIAMETER COLLAR	-450	SECTION	--	LOGGED BY	P. Nielson	90 m	-45°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	6.10	CASING	
6.10	45.73	MEDIUM TO COARSE GRAINED EQUIGRANULAR TO PORPHYRITIC ALASKITE/GRANITE	
		Porphyritic phase: feldspar phenocrysts up to 2 cm in length, comprising 10% of the rock, finer grained quartz feldspar groundmass, 0.3 - 0.6 cm diameter, with 5% biotite aggregate grains 0.1 - 0.2 cm diameter.	
		Equigranular phase: consists of 60% buff white to yellow feldspar, 35% dark grey quartz crystals 0.3 - 0.6 cm diameter.	Nil
		Core very blocky with numerous sand seams.	"
		42.84 - 45.73 - aplitic phase of alaskite.	"
45.73	50.46	CHLORITIZED ALASKITE VEIN	5 sph
		Dark green fine grained massive rock with 30-40% chlorite intermixed with altered feldspar and quartz, comprised of a sulphide rich zone consisting of up to 45% resinous 'honey' sphalerite intermixed with up to 20% subhedral grains of magnetite (47.56m - 50.30m).	15-20 sph, 5 mt
		46.04 - 47.56 - ground core	5-8 sph, 5 mt
			5 sph, 1 gal. tr mt
			Nil
			"
			"
50.46	90.24	MEDIUM TO COARSE GRAINED EQUIGRANULAR TO PORPHYRITIC ALASKITE/GRANITE	"
		As previously described.	"
		Traces of galena and sphalerite immediately below contact with chloritized zone (50.46m - 51.83m).	"
		50.46 - 64.63 - zone of significant alteration with feldspars altered to fine grained white clay minerals, lepidolite mica enrichment and ubiquitous limonite staining.	"
		60.98 - 62.65 - soft platy lime green clay mineral along fracture surfaces.	"
90.24		END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915NW	STARTED	June 25, 1980	DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
DRILL NO.	W-E-80.6	DEPARTURE	10+474NE	FINISHED	June 29, 1980	31 m	-72°	122 m	-65°		
HEADING	2150	ELEVATION	1445 m	LENGTH	153.96	62 m	-70°				
IP-COLLAR	-70°	SECTION	--	LOGGED BY	P. Nielson	92 m	-70°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.05	CASING	
3.05	49.70	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Consists of 50-55% feldspar, 0.4 - 0.8 cm in length, subhedral to euhedral grains; 35-40% quartz grains, dark grey 'smoky' colour, 0.2 - 0.5 cm diameter; ground mass of finer grained biotite, quartz and feldspar.	Nil
49.70	85.37	HIGHLY ALTERED ALASKITE/GRANITE	"
		Rubby soft rock, consisting of alternating bands of green clay mineral altered alaskite and quartz-limonite-clay mineral bands in the order of 3 - 5 meters thick.	"
		Green altered alaskite consists of 30% quartz, 60% green and yellow clay minerals from breakdown of feldspars, general absence of biotite, 2-3% lepidolite mica.	"
		Quartz-limonite-clay mineral bands consist of 30% quartz blebs, 60% white clay minerals and fine grained mica with "bleached" appearance, sugary textured alteration product of feldspar; generally covered by dark rusty brown limonite staining.	"
85.37	87.50	APLITIC ALASKITE	"
		Consists of fine grained feldspar grains 0.1 - 0.2 cm in length, equigranular quartz grains 0.1 cm diameter, 5% biotite; minor porphyritic phases with feldspar phenocrysts to 1 cm in length.	"
87.50	121.04	COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	"
		As previously described.	"
121.04	135.06	APLITIC ALASKITE	"
		As previously described.	"
135.06	146.95	COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	"
		As previously described.	"
146.95	153.96	APLITIC ALASKITE	"
		As previously described.	"
	153.96	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915NW	STARTED	June 30, 1980	DIP TEST					
HOLE NO.	W-E-80.7	DEPARTURE	10+473.5NE	FINISHED	July 1, 1980	Depth	Corrected	Depth	Corrected	Depth	Corrected
BEARING	178° az.	ELEVATION	1445 m	LENGTH	89.02 m	46 m	-71°				
DIP-COLLAR	-70°	SECTION	--	LOGGED BY	P. Nielson	89 m	-66°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.66	CASING	
3.66	42.84	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Consists of 50-60% subhedral to anhedral feldspar average 0.3 - 0.8 cm length with slight yellow brown alteration, smoky grey quartz blebs 40% of rock; 5% biotite as aggregate grains.	
		33.08 - 33.26: chloritized alaskite vein, 5-6% sphalerite	
		39.33 - 42.84: green and yellow clay mineral alteration	Nil
42.84	65.40	CHLORITIZED ALASKITE VEIN	"
		Dark green, fine grained massive rock consisting of chlorite and green clay minerals, resinous 'honey' coloured sphalerite, concentrated in a central core zone from 55.18 - 61.28m (5-40%); 1-25% magnetite mineralization inter-mixed with sphalerite; disseminated galena zone (1-2%) near bottom contact (63.26 - 65.24m).	1sph, py? tr sph 1-2 sph 5 sph, 2-3mt, tr. gal 4-5mt, 3-5 sph 5-7 mt, 5 sph 5 sph, 5 mt
65.40	89.02	COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	5-20 sph, 5 mt 10-40 sph 15-35 sph 5-6mt, 5-10 sph 5 mt, 2-5 sph tr. sph
		Similar to unit described previously with coarser grained phases, feldspar grains to 2 cm in length.	
		65.40 - 68.14: dark green and lime green clay mineral alteration	
		68.29 - 75.30: numerous sand seams, broken core	
	89.02	END OF HOLE	Nil " " " " " "

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

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PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915NW	STARTED	July 1, 1980	DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
HOLE NO.	W-E-80.8	DEPARTURE	10+474NE	FINISHED	July 3, 1980	110 m	-67°				
BEARING	120°	ELEVATION	1,445 m	LENGTH	110.98						
DIP-COLLAR	-70°	SECTION	--	LOGGED BY	P. Nielson						

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.66	CASING	
3.66	30.09	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Consists of 55-60% buff brown subhedral to anhedral feldspar, 0.4 - 0.8 cm in length; 40% dark grey-blue quartz grains 0.1 - 0.5 cm in diameter; 1-5% biotite as individual or aggregate grains, 0.1 - 0.2 cm diameter.	
30.09	48.81	FINE GRAINED APLITIC ALASKITE/GRANITE	
		Equigranular quartz and feldspar grains, 0.05-0.1 cm in diameter, in equal proportions; minor porphyritic phases with euhedral feldspar phenocrysts, 0.3 - 0.5 cm in length; 5-8% biotite as small aggregate grains.	
48.81	58.26	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Similar to previously described unit.	
58.26	64.02	FINE GRAINED APLITIC ALASKITE/GRANITE	
		Highly altered zones increasing downhole, characterised by green clay mineral enrichment and irregular quartz bands 1 - 4 mm in width.	
64.02	65.85	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Minor green clay mineral and chloritic alteration	
65.85	77.90	CHLORITIZED ALASKITE VEIN	
		Fine grained massive aplitic alaskite phase with chlorite and green clay mineral enrichment, dark green colour; mineralization consists of near equal proportions of resinous 'honey' coloured sphalerite and magnetite grains average 0.1 - 0.2 cm diameter; magnetite displays bladed texture 1 - 2 mm in length.	
		65.85 - 69.21: tr-5% sphalerite, 5-20% magnetite	Nil 6r sph, 10 mt 2-3 sph, 5 mt 3-10 sph, 5 mt 10-35 sph, 10 mt 10 mt, 15-35 sph 5 mt, 10-15 sph 5-15 sph, 15 mt 10 mt, 5-15 sph
		69.21 - 77.90: 5-35% sphalerite, 5-20% magnetite	1 sph, tr mt Nil
77.90	110.98	FINE GRAINED APLITIC ALASKITE/GRANITE	
		77.90 - 86.89: slightly altered zone with blue-green clay mineral enrichment	
		92.68 - 93.75: 2-3% disseminated phalerite and galena in a rubbly fine grained alaskite	
		94.66 - 96.19: highly altered, lime green clay mineral enrichment	
110.98		END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

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PROPERTY	WEIR MOUNTAIN	LATITUDE	9+915 NW	STARTED	July 4, 1980	DIP TEST				
DRILL NO.	W-E-80.9	DEPARTURE	10+474 NE	FINISHED	July 9, 1980	Corrected		Corrected		Corrected
DIRECTION	095° azimuth	ELEVATION	1445 m	LENGTH	154.57	61 m	-65.5°			
DIP-COLLAR	-60°	SECTION	-	LOGGED BY	P. Nielson	122 m	-64.5°			

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.66	CASING	
3.66	27.13	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Consists of 55-60% subhedral feldspar grains 0.5-1.0 cm in length; dark grey blue quartz blebs, 35-40% of the rock, 0.2-0.8 cm in diameter; 5-6% aggregate grains of biotite, 0.05-0.10 cm in diameter.	
27.13	69.82	FINE GRAINED PORPHYRITIC ALASKITE/GRANITE	
		Consists of 10% quartz phenocrysts averaging 0.6 cm diameter; minor feldspar phenocrysts (15%) averaging 0.8 cm in length; groundmass consists of equigranular quartz and feldspar grains 0.1-0.2 cm in diameter.	
		56.71-59.76: strongly altered, rubbly rock, feldspar altered to fine grained white clay mineral; limonite staining	
		67.00-69.82: rock displays progressively more alteration near lower contact, with blue-green clay mineral enrichment.	tr mt Nil Nil Nil
69.82	82.77	CHLORITIZED ALASKITE VEIN	Nil
		Massive dark green rock, altered fine grained alaskite with a groundmass enriched in chlorite and green clay minerals, tr. 6% resinous sphalerite intermixed with equal proportions of magnetite, grain size averaging 0.05-0.1 cm diameter; traces of galena near bottom of vein.	5 mt, tr-10 sph 5 mt, tr-5 sph 5 mt, tr-5 sph 5 mt, tr-5 sph
		70.73-73.78: enriched sphalerite zone 2-10%	Nil Nil Nil
82.77	154.57	FINE GRAINED PORPHYRITIC ALASKITE/GRANITE	Nil
		(Similar to previously described unit) Minor alteration i.e. green clay mineral enrichment from 82.77m-92.07m; extremely rubbly zone, 2m lost core, 146.34-154.57m.	
	154.57	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	10+900 N.W.	STARTED	July 10, 1980	DIP TEST					
HOLE NO.	W-C-80.10	DEPARTURE	10+855 N.E.	FINISHED	July 12, 1980	61.0 m	-52°				
BEARING	178°	ELEVATION	1,784 meters	LENGTH	185.06 m	122.0 m	-52°				
DIP-COLLAR	-45°	SECTION	-	LOGGED BY	P. Nielson	183.0 m	-52°				

METERS		DESCRIPTION	% Mineralization
From	To		
0	5.49	CASING	
5.49	131.10	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	Nil
		Massive rock consisting of 50-55% anhedral buff white feldspar averaging 0.8-1.0 cm in length; 40% dark grey 'smoky' quartz crystals averaging 0.4-1.0 cm diameter, 5-10% aggregate biotite grains; extensive altered zones.	"
		24.85 - 34.60: altered alaskite consisting of chlorite and green clay mineral enriched zones with bands of limonite, quartz and fine grained white clay minerals i.e. alteration product of feldspars.	tr-5% sph, tr mt
		63.11 - 71.80: altered zone with chlorite and green clay mineral enrichment limonite staining; tr-5% sphalerite, tr-2% magnetite.	tr sph, 2% mt
		104.14 - 106.25: silicified alaskite zone with clay mineral enrichment.	Nil
		109.02 - 114.02: limonite, quartz, clay mineral alteration	"
131.10	155.55	APLITIC ALASKITE/GRANITE	"
		Consists of 50% feldspar and 40% quartz as equigranular grains averaging 0.05-0.1 cm in diameter; 5-10% biotite; isolated quartz phenocrysts to 0.3 cm in diameter.	"
155.55	156.62	DIABASE	"
		Dark grey black aphanitic rock of andesitic composition, with 2-3% isolated grains of sphalerite, contacts highly altered with extensive limonite staining.	Nil
156.62	165.09	APLITIC ALASKITE/GRANITE	"
		(As unit previously described)	Nil
		Bottom contact gradational into coarser grained phase.	"
165.09	185.06	MEDIUM TO COARSE GRAINED ALASKITE/GRANITE	"
		(As previously described)	"
	185.06	END OF HOLE	"

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	10+915 N.W.	STARTED	July 13, 1980	DIP TEST				
HOLE NO.	W-C-80.11	DEPARTURE	11+157 N.E.	FINISHED	July 15, 1980	61 m	-56.5°			
BEARING	160° az.	ELEVATION	1,850 m	LENGTH	121.04 m	120 m	-56.5°			
DIP-COLLAR	-45°	SECTION	-	LOGGED BY	P. Nielson					

METERS		DESCRIPTION	% Mineralization
From	To		
0	4.88	CASING	
4.88	31.04	FINE TO MEDIUM GRAINED EQUIGRANULAR ALASKITE/GRANITE	Nil
		Consists of 50% buff white to yellow anhedral feldspar grains, averaging 0.2 to 0.4 cm in length; 40% clear and 'smoky' quartz blebs 0.1-0.3 cm in diameter; 5% biotite as aggregate grains, traces of lepidolite mica; contains highly altered zoned with significant silicification, and characterised by the presence green and white clay minerals, 1-2% red brown anhedral mineral i.e. 19.00 - 21.00 m, 28.48 - 29.51 m	"
31.04	34.42	CHLORITIZED ALASKITE VEIN	2-3% mt 5-10% mt
		Massive dark green rock, fine grained alaskite with chlorite enriched ground-mass, silicified bands intermixed with limonite stained zones; 5-10% magnetite, tr-2% anhedral red brown mineral.	"
34.42	81.10	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	Nil
		Consists of 55-60% buff white subhedral to anhedral feldspar averaging 0.8-1.5 cm in length; 40-45% 'smoky' quartz grains averaging 0.5-1.0 cm in diameter; 5-10% aggregate grains of biotite. 40.85 - 43.75: quartz-limonite+chlorite alteration.	"
81.10	86.28	CHLORITIZED ALASKITE VEIN	2-5% mt 5-10% mt 5-15% mt 2-5% mt
		Massive dark green rock consisting of coarse grained alaskite with a ground-mass enriched in chlorite and up to 15% magnetite.	"
86.28	121.04	FINE TO MEDIUM GRAINED EQUIGRANULAR ALASKITE/GRANITE	Nil
		(As previously described)	"
		113.41 - 116.16; altered zone with silicification and clay mineral enrichment.	"
	121.04	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	10+875 N.W.	STARTED		DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
OLE NO.	W-C-80.12	DEPARTURE	10+800 N.E.	FINISHED							
HEADING	146°	ELEVATION	1,754m	LENGTH	123.4m						
DIP-COLLAR	-45°	SECTION		LOGGED BY	P. Nielson						

METERS		DESCRIPTION	% Mineralisation
From	To		
0	4.9	CASING	
4.9	97.3	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE Consisting of anhedral to euhedral feldspar, 45-55% rock, buff white color. Anhedral grains 'smoky' gray quartz 0.2-0.6 cm average diameter. Groundmass of 5-10% biotite grains (aggregate and individual, minor muscovite or lepidolite mica. 9.9 - 12.3: highly altered zone with bleached appearance, generally a fine grained mica (sericite) with an absence of mafic minerals, quartz crystals retained. 26.8 - 53.9: alaskite with extremely rubbly portions. Where feldspar is broken down to clay minerals there is poor core recovery. 56.1 - 61.6: quartz-limonite-white clay mineral altered rock, minor green clay mineral. White clay mineral is a product of feldspar breakdown. Limonite staining covers feldspar and alteration product, quartz crystals retained. 68.7 - 74.5: quartz-limonite-white clay mineral rock, altered alaskite, feldspar altered to white clay mineral, limonite part of groundmass with clay mineral. Quartz crystals retain original crystal form, brittle rock.	
97.3	110.9	FINE GRAINED APLITIC ALASKITE/GRANITE Massive fine grained rock consisting of equigranular quartz and feldspar grains in equal proportions averaging 0.05-0.1 cm in diameter amount to about 80% of rock. 5% fine grained biotite grains, larger quartz crystals (to 0.3 cm diameter) make up 5-10% of rock. 103.4 - 111.9: is an altered fine grained massive zone consisting of a sericite rich rock, and limonite staining. Feldspar is altered down and there is a general absence of ferromagnesian minerals and minor green clay minerals. 107.5 - 108.8: Sulphide mineralization consists of 1-2% disseminated galena and sphalerite.	1-2% dis sph & gal
110.9	112.1	DIABASE DYKE Fine grained massive dark grey rock of andesitic composition. Chilled margins with feldspar phenocrysts to about 0.3 cm in length. Approximately 5% disseminated sphalerite grains throughout rock.	5% dis sph
112.1	123.4	FINE GRAINED APLITIC ALASKITE/GRANITE (As previously described) 112.1 - 114.3: altered zone with fine grained sericitic rock, minor green clay minerals, quartz and limonite staining.	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

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PROPERTY	WEIR MOUNTAIN	LATITUDE	9+828 N.W.	STARTED		DIP TEST				
					Depth	Corrected	Depth	Corrected	Depth	Corrected
OLE NO.	W-E-80.13	DEPARTURE	10+995 N.E.	FINISHED						
EARING	146° azimuth	ELEVATION	1,477m	LENGTH	102.72m					
IP-COLLAR	-45°	SECTION		LOGGED BY	P. Nielson					

METERS		DESCRIPTION	% Mineralization
From	To		
0	9.75	CASING	
9.75	26.52	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE Consisting of 45-55% anhedral buff white feldspar grains averaging 1.0-1.5 cm length with 40-50% dark blue grey quartz grains averaging 0.8-1.2 cm in diameter and 5% biotite averaging 0.2-0.4 cm in diameter. 11.1 - 14.3: highly altered zone consisting of quartz, limonite and feldspars altered to clay minerals and taking on a bleached white appearance.	
26.52	35.66	HIGHLY ALTERED ALASKITE/GRANITE Consisting of alaskite altered to white and green clay minerals. The feldspars contain limonite stained zones. The quartz retains its original crystal form. Groundmass consists of clay minerals and quartz grains. Core recovery was poor over this section.	
35.66	38.40	DIABASE DYKE Consisting of a massive fine grained dark green chloritic rock containing 2-3% tr sph, 2-3% magnetite and traces of sphalerite.	
38.40	57.15	HIGHLY ALTERED ALASKITE/GRANITE (as previously described)	
57.15	102.72	MEDIUM TO COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE (as previously described)	
	102.72	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	10+335 N.W.	STARTED		DIP TEST					
					Depth	Corrected	Depth	Corrected	Depth	Corrected	
HOLE NO.	W-E-80.14	DEPARTURE	10+905 N.E.	FINISHED							
BEARING	146°	ELEVATION	1,630m	LENGTH	118.0m						
DIP-COLLAR	-45°	SECTION		LOGGED BY	P. Nielson						

METERS		DESCRIPTION	% Mineralization
From	To		
0	4.88	CASING	
4.88	46.54	COARSE GRAINED EQUIGRANULAR ALASKITE/GRANITE	
		Consisting of 50-55% buff-white anhedral feldspar grains averaging 1.0-2.0 cm in length, 45-50% dark blue grey quartz grains averaging 0.8-1.5 cm in diameter, less than 5% biotite. Sections of the core have been altered to fine grained sericite.	
46.54	51.36	CHLORITIZED ALASKITE VEIN	
		Consisting of fine grained alaskite with a chloritic groundmass giving it an overall dark green appearance. The groundmass contains 10-20% fine grained magnetite. Also present are zones which contain fine grained green clay minerals. Sulphide mineralization consists of traces of galena and sphalerite (a reddish mineral).	tr gal, sph; 10-20% mt
51.36	117.96	PORPHYRITIC ALASKITE/GRANITE	
		Consisting of 10-40% euhedral phenocrysts of feldspar averaging 1.5-2.0 cm in length, 10-25% dark smoky grey rounded quartz crystals averaging 0.2-0.3 cm in diameter, 5-8% biotite as aggregate grains. The groundmass generally consists of equigranular quartz and feldspar in equal proportions averaging less than 0.05 cm in diameter. Minor amounts of lepidolite mica are also present.	
	118.0	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

PROPERTY	WEIR MOUNTAIN	LATITUDE	9+800 N.E.	STARTED	August 14, 1980	DIP TEST					
HOLE NO.	W-N-80.15	DEPARTURE	5+770 N.W.	FINISHED	August 16, 1980	Depth	Corrected	Depth	Corrected	Depth	Corrected
BEARING	140°	ELEVATION	1,430m	LENGTH	102.7m						
DIP-COLLAR	150	SECTION		LOGGED BY	L. Alterton						

METERS		DESCRIPTION	% Mineralization
From	To		
0	3.0	CASING	
3.0	44.8	COARSE GRAINED ALASKITE/GRANITE	
		Consisting of 40-50% feldspar, 2.0-2.5 cm long, grey-white to dark brown, dark at centre to light coloured at edge, contain biotite inclusions often aligned in circular to rectangular pattern. 25-35% smoky anhedral quartz of 0.2-0.5 cm diameter. 10-15% biotite in spotty aggregates generally 0.25 cm across but up to 2 cm.	
		13.1 - 13.3: fine grained granite. Fine grained zone consisting of 15-20% quartz and feldspar up to 1 and 2 cm respectively and biotite aggregates, gradational boundaries.	
		17.8 - 18.0: fine grained alaskite. Fine grained quartz, feldspar & biotite	
		18.9 - 19.0: fine grained alaskite	
		43.3 - 44.8: altered zone	
44.8	46.3	CHLORITIZED ALASKITE	
		Feldspar and quartz phenocrysts, between 0.2-2.0 cm in size in a fine grained groundmass, highly altered.	L5% gal, sph
46.3	47.9	HIGHLY ALTERED ALASKITE	
		Dark brown feldspar, rounded quartz, biotite aggregates.	
47.9	102.7	COARSE GRAINED ALASKITE	
		Similar to 3 to 44.8m alaskite.	
		57.6 - 58.8: altered alaskite. No mineralization. Feldspar dark coloured.	
		64.0 - 64.3: anhedral feldspar mainly dark coloured.	
		69.0 - 80.4: mainly light coloured feldspar.	
		88.4 - 89.0: fine grained alaskite. No phenocrysts.	
		90.0 - 90.1: fault gouge, fine grained feldspar and quartz.	
	102.7	END OF HOLE	

MATTAGAMI LAKE MINES LIMITED - EXPLORATION DIVISION - DIAMOND DRILL HOLE RECORD

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PROPERTY	WEIR MOUNTAIN	LATITUDE	5+630 N.W.	STARTED	August 18, 1980	DIP TEST					
						Depth	Corrected	Depth	Corrected	Depth	Corrected
OLE NO.	W-P-80.16	DEPARTURE	9+780 N.E.	FINISHED	August 19, 1980						
BEARING	116°	ELEVATION	1,446m	LENGTH	114.60m						
IP-COLLAR	-50°	SECTION		LOGGED BY	L. Alterton						

METERS		DESCRIPTION	% Mineralization
From	To		
0	5.49	CASING	
5.49	70.29	MEDIUM TO COARSE GRAINED ALASKITE	
		Consisting of 35-45% greyish white feldspar, 25-30% smoky quartz, 5% biotite. Commonly the feldspar occurs as anhedral to subhedral phenocrysts ranging from 0.5-2.5 cm in length. Most feldspar phenocrysts contain biotite inclusions and some are zoned. The edges of the feldspar crystals are often poorly defined. The quartz commonly occurs as rounded phenocrysts ranging from 0.5-1.5 cm in diameter. The biotite occurs as aggregates ranging from 0.5-1.5 cm. The contact boundary between this unit and the next is well defined.	
70.29	70.41	ALTERED ALASKITE	
		Consisting of 30-40% feldspar, 02-30% smoky quartz and 3-5% biotite. The feldspar commonly occurs as zoned phenocrysts that have been altered to a greenish colour. The phenocrysts range in size from 0.5-2.5 cm. The quartz commonly occurs as rounded to subangular phenocrysts ranging from 0.5-1.0 cm in diameter. The biotite commonly occurs as aggregates. The lithologic contact is well defined between this unit and the next.	
70.41	70.71	FINE TO MEDIUM GRAINED CHLORITIZED ALASKITE	
		Consisting of 30-40% highly altered and fractured anhedral to euhedral feldspar phenocrysts ranging from 0.5-2.0 cm in length. Zoning present in some feldspars. 10% smoky quartz commonly occurring as rounded phenocrysts, 40-50% chlorite. Less than 5% disseminated galena. Lithologic contact poorly well defined between this unit and the next.	15% dis. gal
70.71	71.78	MEDIUM TO COARSE GRAINED ALTERED ALASKITE	
		Consisting of 30-40% greenish coloured feldspar, 20-30% smoky quartz, less than 5% biotite, 5% chlorite. The feldspar commonly occurs as phenocrysts ranging up to 2 cm in length. The feldspar phenocrysts are often fractured with indistinct grain boundaries. The quartz occurs as rounded phenocrysts ranging up to 0.5 cm in diameter. The biotite and chlorite occur throughout rather than as aggregates. The lithologic contact is well defined between this unit and the next.	
71.78	72.24	MEDIUM TO COARSE GRAINED ALASKITE	
		Consisting of 30-40% grey light brown subhedral to euhedral feldspars ranging from 0.5-2.5 cm in length, 25-35% rounded subangular smoky quartz, 5% biotite occurring as flakes throughout and as aggregates ranging from 0.3-0.2 cm in diameter.	

METERS		DESCRIPTION	% Mineralization
From	To		
72.24	74.83	<u>FRACTURED QUARTZ VEIN</u> Consisting of 30-40% light brown feldspar and 10% chlorite. Lithologic contact is well defined between this unit and the next.	
74.83	76.20	<u>CHLORITIZED ALASKITE</u> Consisting of 30-40% grey subhedral to euhedral feldspar phenocrysts with zones of anhedral feldspar phenocrysts ranging in size from 0.5-2.0 cm in length. 25-30% smoky quartz commonly occurring as rounded phenocrysts ranging in size up to 0.5 cm in diameter. 5% biotite occurring as aggregates up to 0.5 cm in diameter. The lithologic contact between this unit and the next is well defined.	
76.20	114.60	<u>MEDIUM TO COARSE GRAINED ALASKITE</u> Consisting of 30-40% grey-light brown feldspar, 25-30% smoky quartz, 5% biotite. The feldspar commonly occurs as phenocrysts ranging from 0.5-2.0 cm in diameter. The feldspar phenocrysts are anhedral to subhedral in shape near the top of the section and are subhedral to euhedral towards the bottom of the section. The grey feldspar contains biotite inclusions which at times form circular patterns in the feldspars. The quartz occurs as rounded phenocrysts ranging in size up to 0.5 cm. The biotite occurs as inclusions in the feldspars. 89.95 - 90.10: gouge-fault zone. Ground-up fine grained alaskite with no phenocrysts.	[5% dis ga]
	114.60	<u>END OF HOLE</u>	

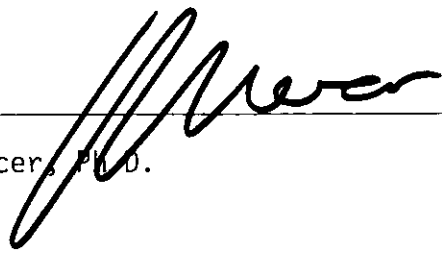
APPENDIX TWO: CERTIFICATE: W. Mercer

CERTIFICATE

I, William Mercer, of the City of Edmonton, Province of Alberta,
do hereby certify that:

1. I am a geologist residing at 6814 - 110 Street, Edmonton.
2. I am a graduate of Edinburgh University, Scotland, with a B.Sc. Hons (1968) in geology and McMaster University, Ontario, with a Ph.D. (1975) in geology.
3. I have been practicing my profession since 1974 and am at present Regional Manager for Mattagami Lake Exploration Limited in Edmonton.
4. I am a fellow of the Geological Association of Canada and a member of the Society of Economic Geologists and the Canadian Institute of Mining and Metallurgy.
5. I supervised the work that is described in this report.

Dated: 24 September 1980



W. Mercer, Ph.D.

APPENDIX THREE: STATEMENT OF COSTS

STATEMENT OF COSTS

To July 26th, 1980

DIAMOND DRILLING

Diamond Drill Contractor Fees	\$ 89,640.50	
Camp Cost Drill Crew, 5 men	<u>11,402.50</u>	
Total Drill Cost for 1,708.45 metres		\$ 101,043.00
Cost per meter = \$ 59.14 (\$ 18.20/foot)		

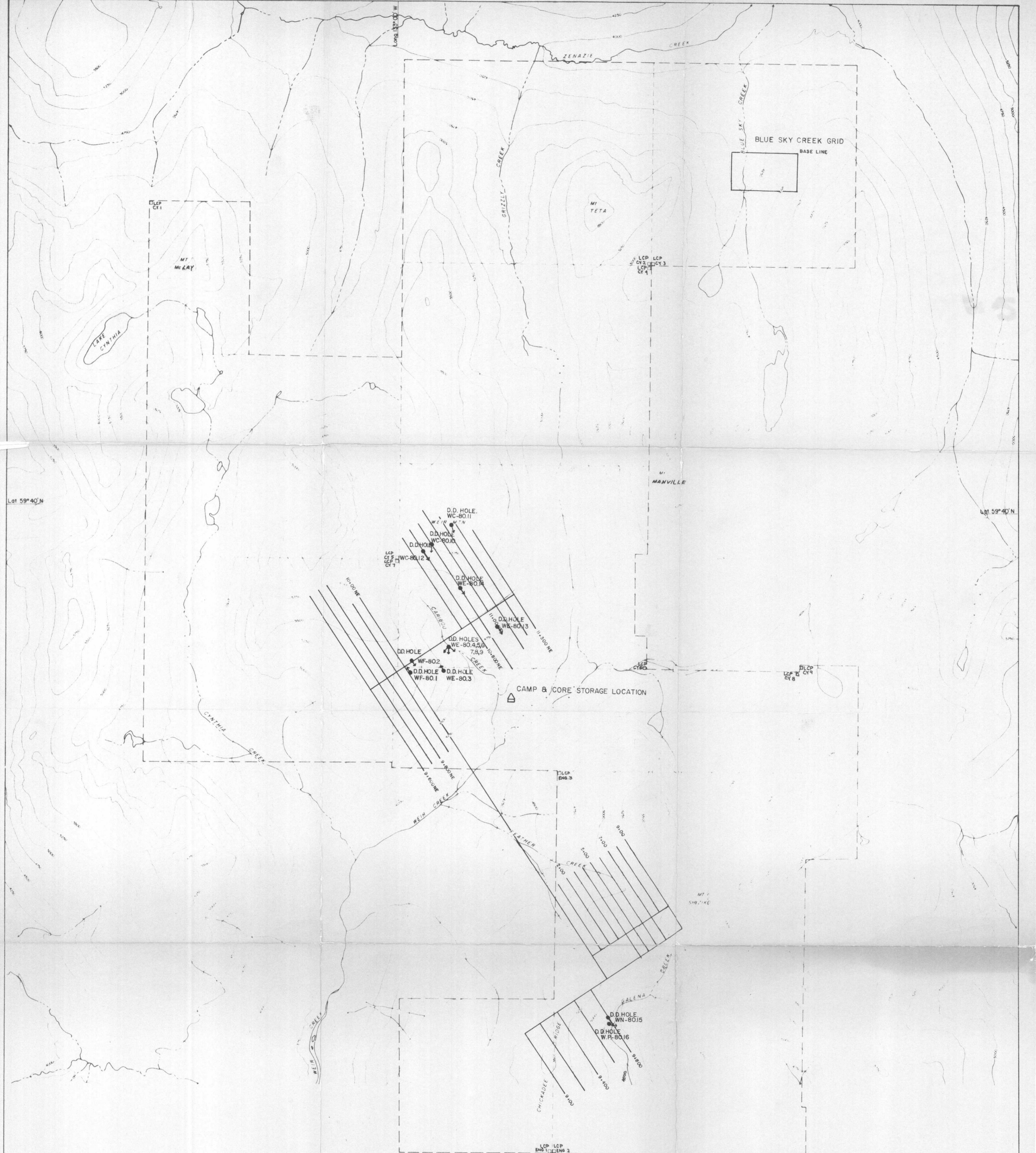
ENGINEERING

P. Nielson Salary 56 days x \$ 86.08/day	\$ 4,820.48	
Travel to and from Atlin	337.50	
Core splitting (Temporary Salaries)	556.01	
Apportioned Camp Costs, P. Nielson	2,128.56	
Supervision	<u>3,133.04</u>	
		\$ 10,975.59

HELICOPTER

Bell 206B Helicopter, Northern Mountain		
\$ 305/hour plus 22 gals. x \$ 2.00/gal		
81 hours x \$ 349.00	\$ 28,269.00	\$ <u>28,269.00</u>
		\$ 140,287.59

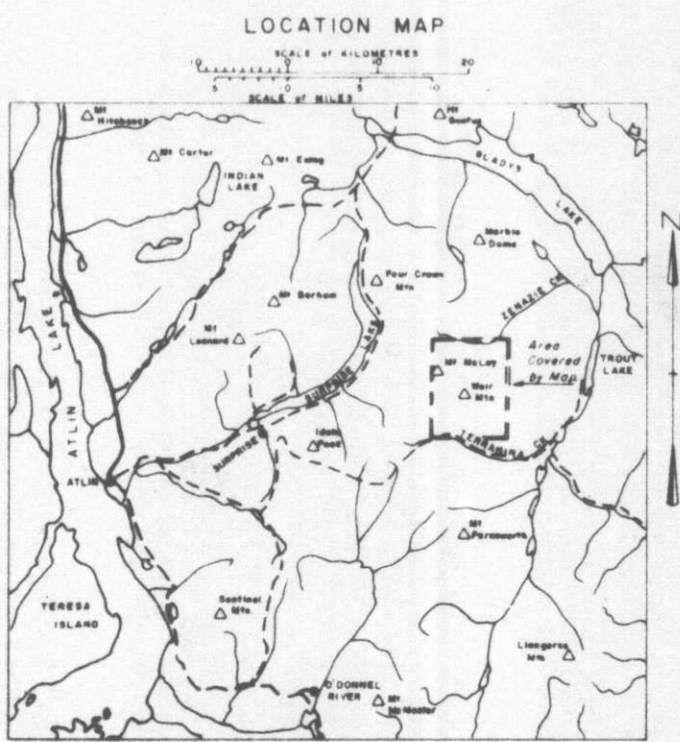
Drill Cost per metre (total) = \$ 82.11 (\$ 25.26/foot)



Lat 59° 40' N

Lat 59° 40' N

Long 133° 00' W

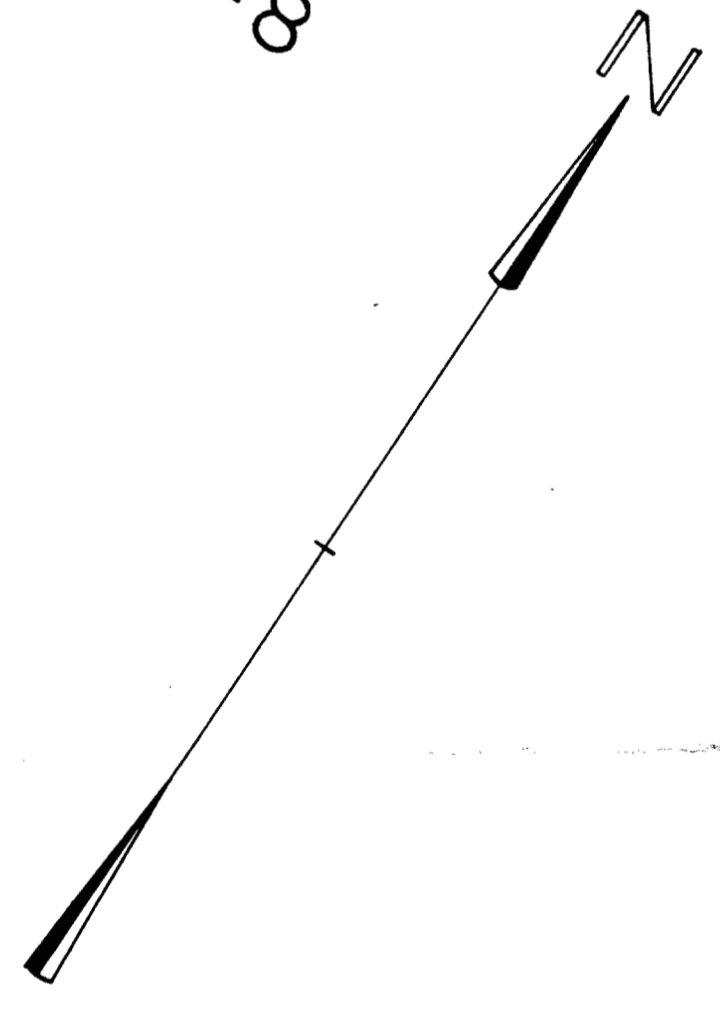
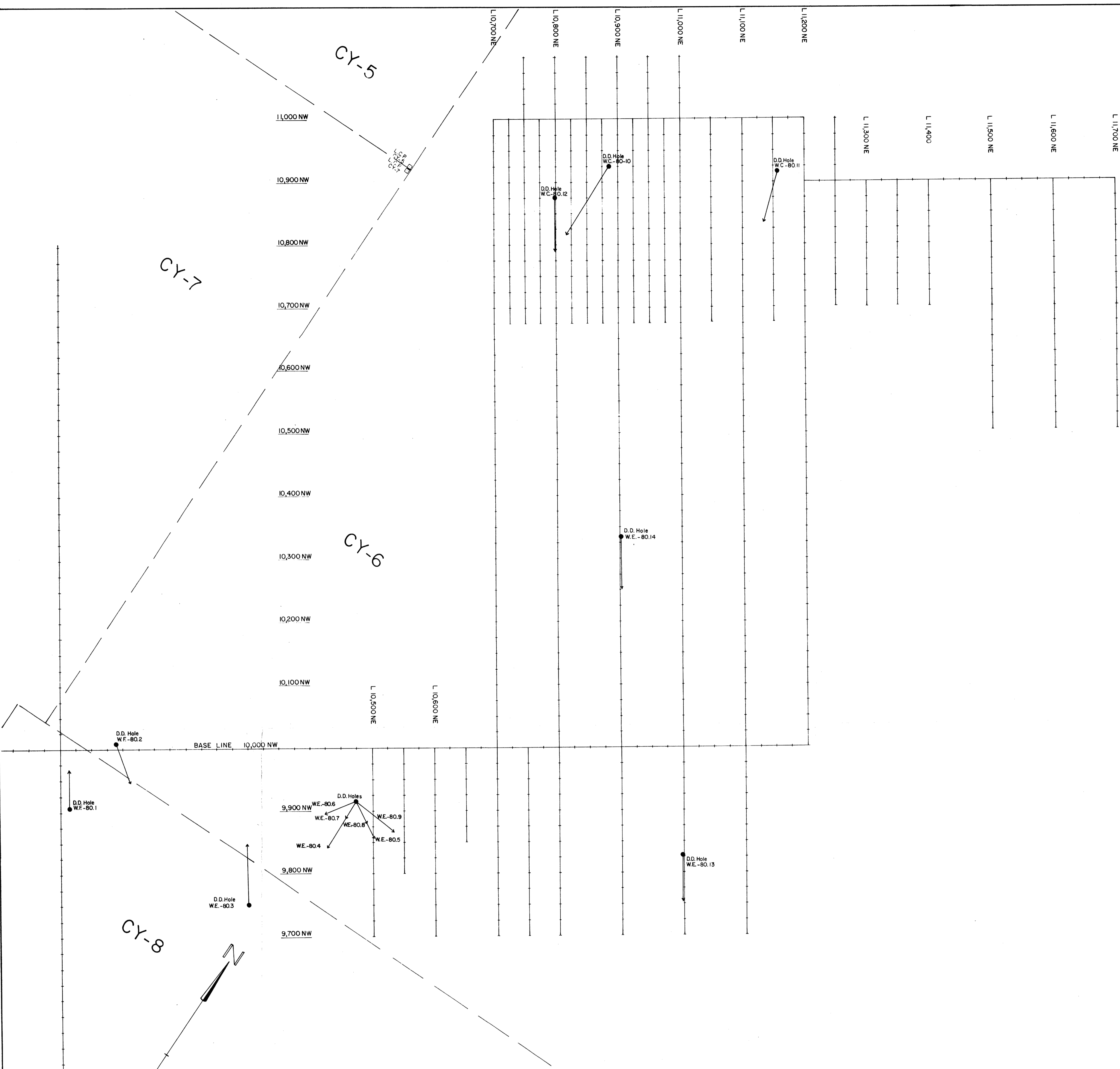


MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8638
NO.

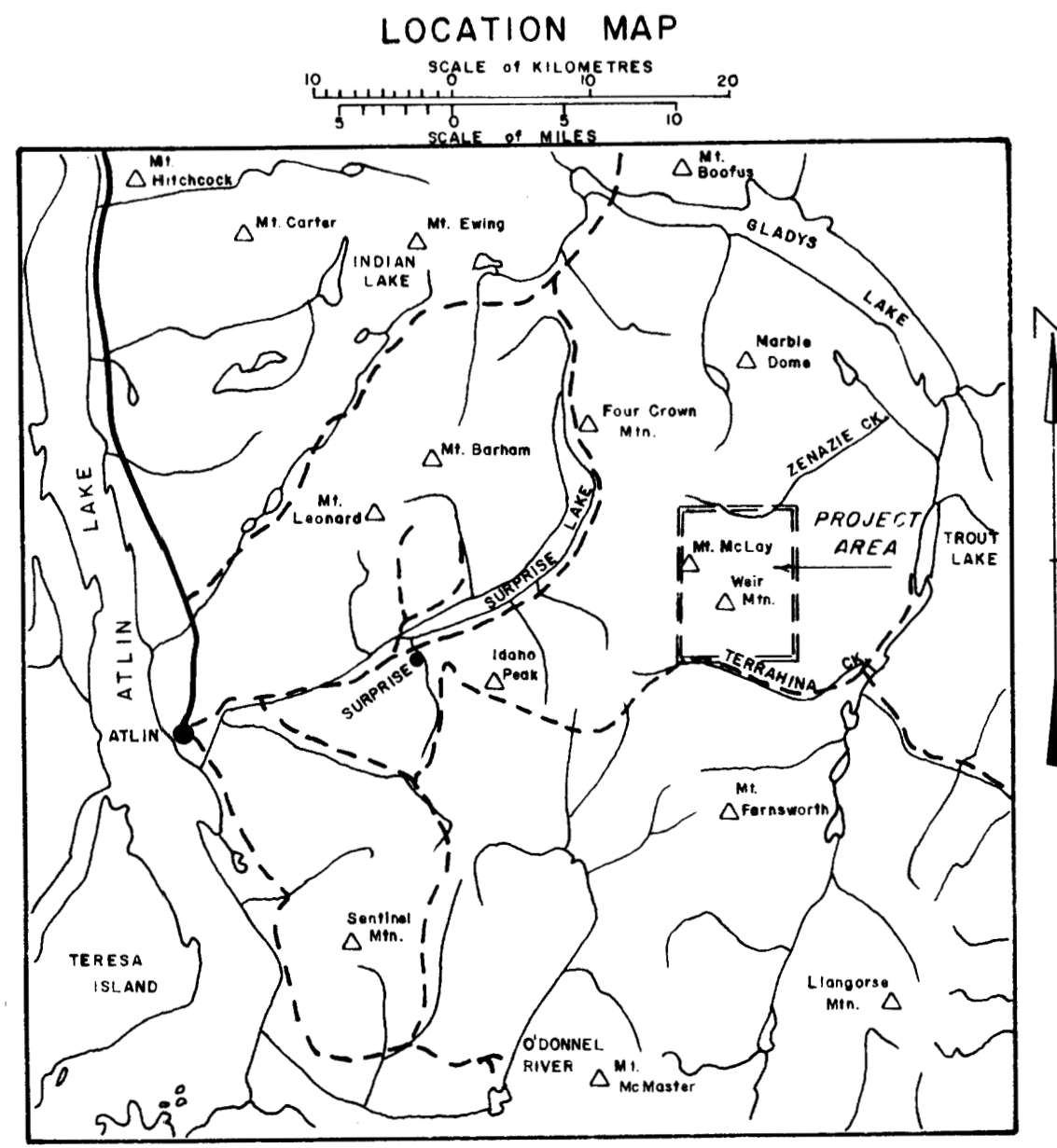
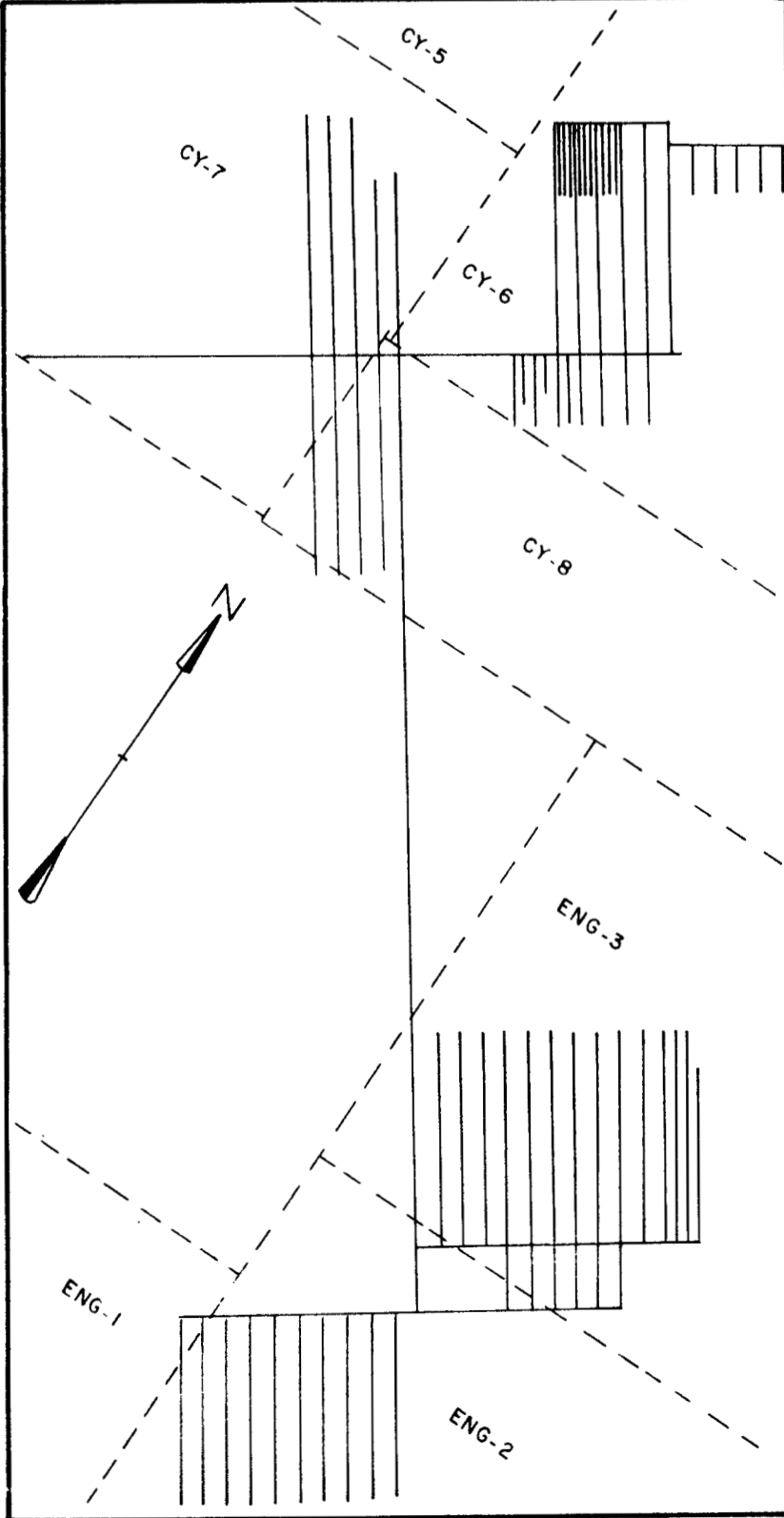
Part 1
of 5

MATTAGAMI LAKE EXPLORATION LIMITED.
WESTERN FIELD OFFICE
EDMONTON, ALBERTA
WEIR MOUNTAIN PROJECT
FIGURE 3
DIAMOND DRILL HOLES, 1980

SCALE OF METRES
0 200 400 600 800 1000 1200
DATE AUGUST 1980
DRAWN BY D.R. BULL



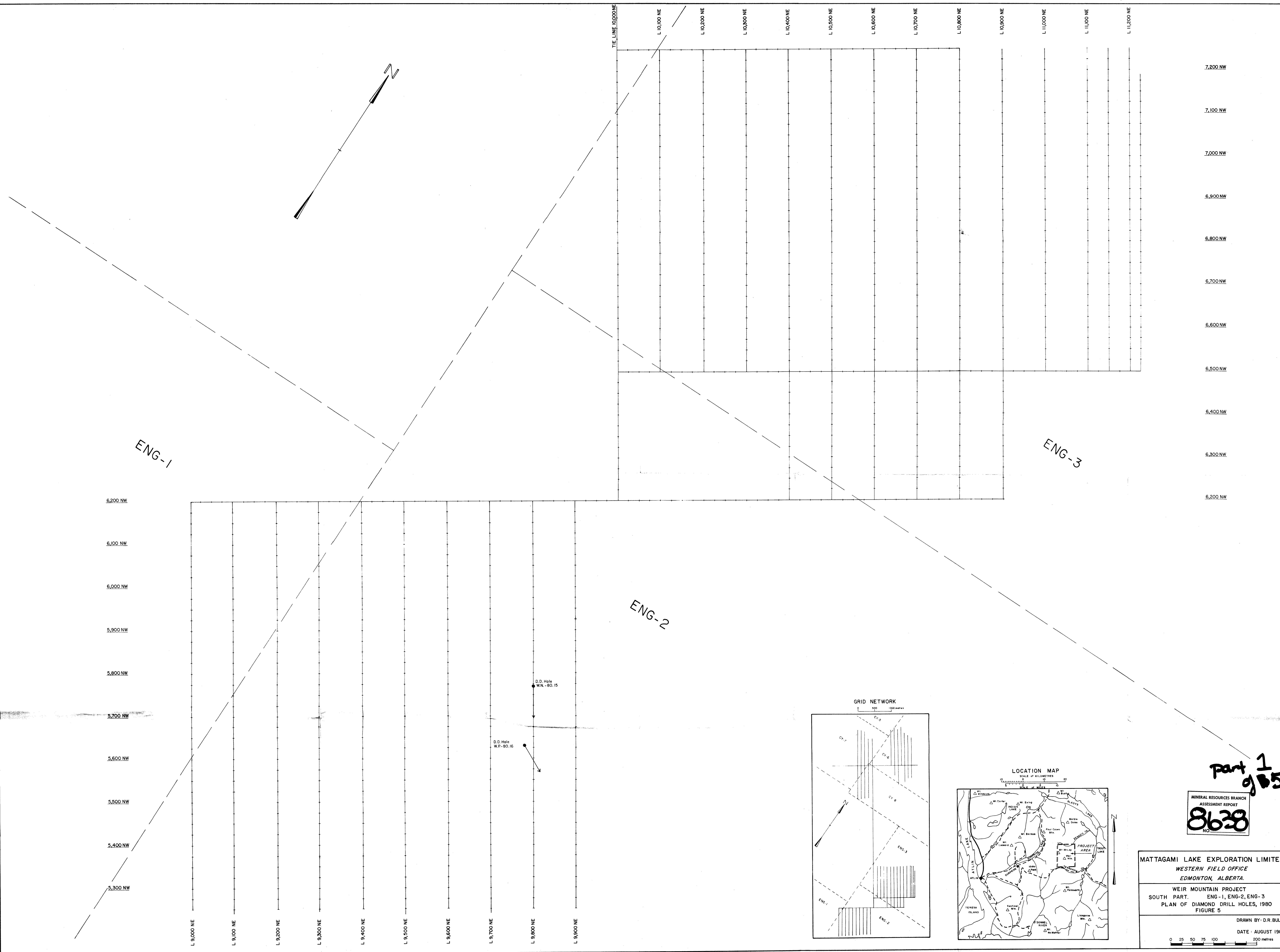
GRID NETWORK
0 500 1000 metres



Part 2
of 25

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8639

MATTAGAMI LAKE EXPLORATION LIMITED.
WESTERN FIELD OFFICE
EDMONTON, ALBERTA
WEIR MOUNTAIN PROJECT.
NORTH-EAST PART. CY-6 CLAIM
PLAN OF DIAMOND DRILL HOLES, 1980
FIGURE 4
DRAWN BY: D.R. BULL.
DATE: AUGUST 1980
SCALE OF METRES 0 100 200 metres



7,200 NW
7,100 NW
7,000 NW
6,900 NW
6,800 NW
6,700 NW
6,600 NW
6,500 NW
6,400 NW
6,300 NW
6,200 NW

6,200 NW
6,100 NW
6,000 NW
5,900 NW
5,800 NW
5,700 NW
5,600 NW
5,500 NW
5,400 NW
5,300 NW

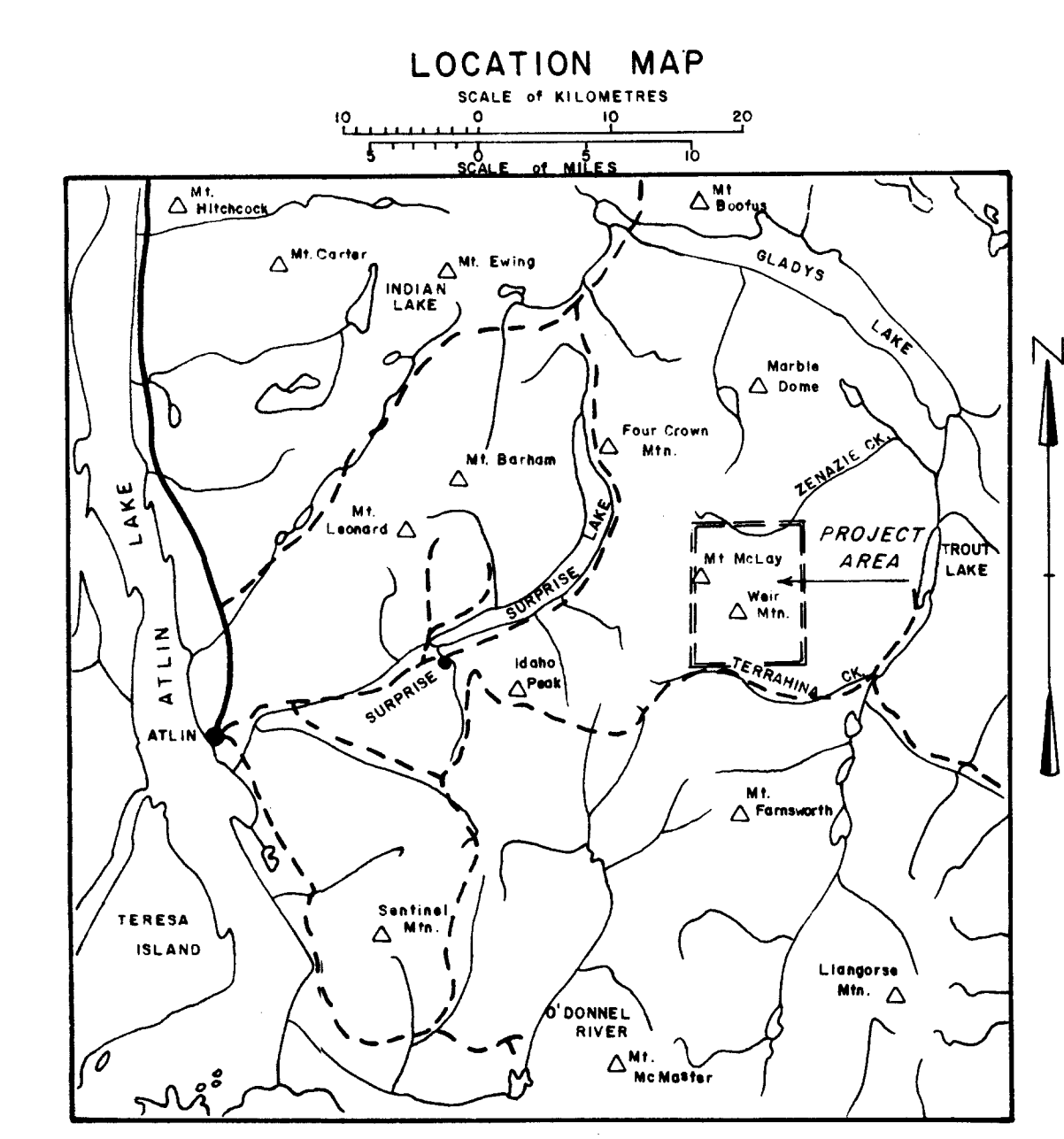
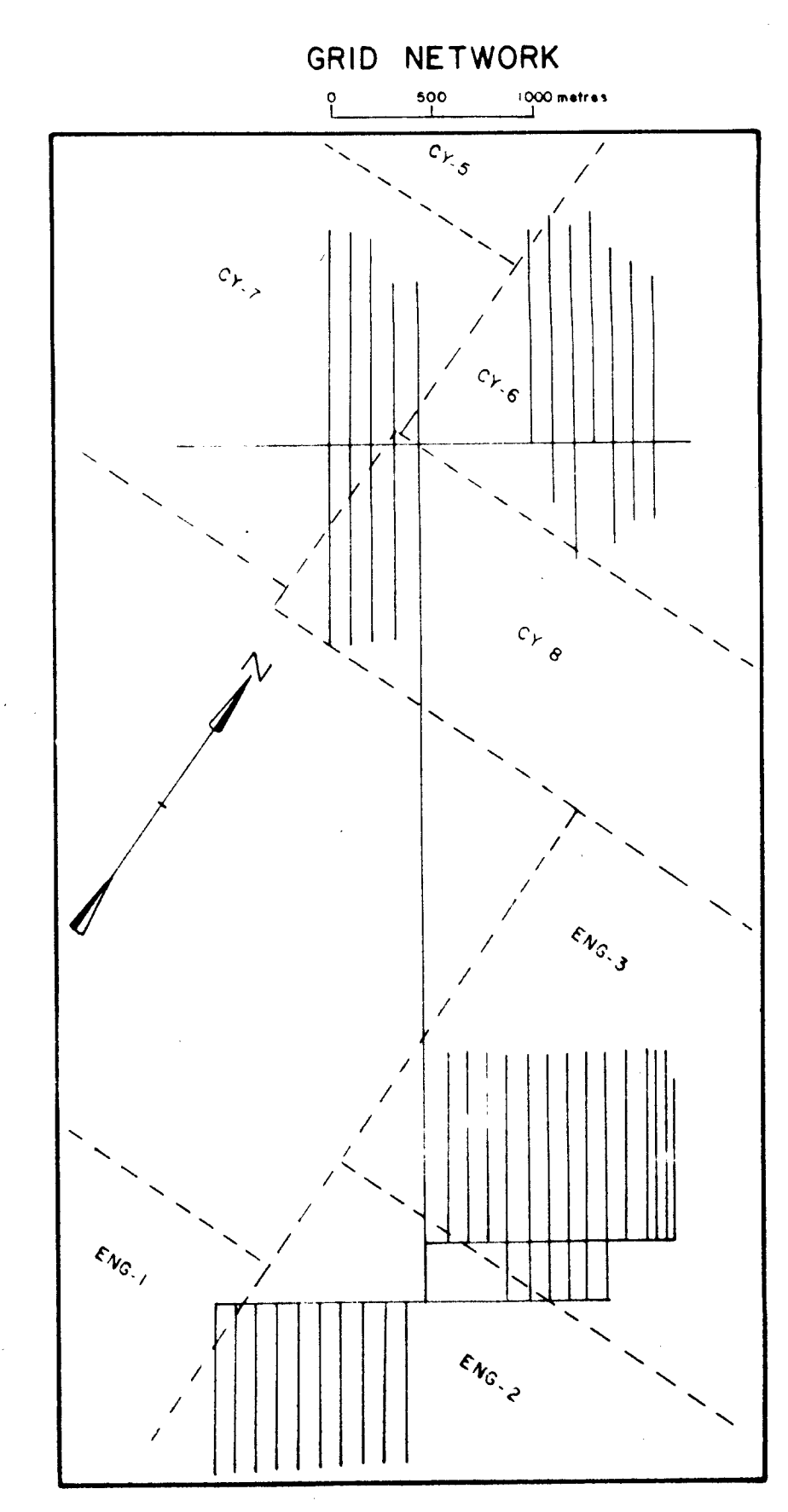
L 9,000 NE
L 9,100 NE
L 9,200 NE
L 9,300 NE
L 9,400 NE
L 9,500 NE
L 9,600 NE
L 9,700 NE
L 9,800 NE
L 9,900 NE

TIE LINE 10000NE
L 10,100 NE
L 10,200 NE
L 10,300 NE
L 10,400 NE
L 10,500 NE
L 10,600 NE
L 10,700 NE
L 10,800 NE
L 10,900 NE
L 11,000 NE
L 11,100 NE

ENG-1

ENG-2

ENG-3



Part 1 of 5

MINERAL RESOURCES BRANCH
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8628
NO.

MATTAGAMI LAKE EXPLORATION LIMITED.
WESTERN FIELD OFFICE
EDMONTON, ALBERTA.

WEIR MOUNTAIN PROJECT
SOUTH PART. ENG-1, ENG-2, ENG-3
PLAN OF DIAMOND DRILL HOLES, 1980
FIGURE 5

DRAWN BY: D.R. BULL.
DATE: AUGUST 1980

