



42L06NW0009 12 SOLLAS LAKE

010

DIAMOND DRILLING

SOLLAS LK AREA

REPORT #12

WORK PERFORMED FOR: Hudson Bay Gold Inc.

RECORDED HOLDER: Same as Above (xx)
: Other ()

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
TB940672	MET-1	426.0'	Jan/89	(1)
TB925309	MET-2	396.0'	Jan-Feb/89	(1)
TB940672	MET-3	516.0'	Feb/89	(1)
		1338		

NOTES: (1) W8904-397, filed Sept/89

META PROJECT

Assessment Report for

Mining Claims

**TB 925289 - 292, 925295 - 316, 925328, 940662 - 663,
940666 - 682, 940942 - 947, 940949 - 951**

META LAKE, SOLLAS LAKE AREA (G-403)

ONTARIO

DIAMOND DRILLING

JANUARY-FEBRUARY, 1988

G. BIDWELL

September 6, 1988

Table of Contents

	Page
1. Summary.....	1
2. Claim Data.....	1
3. Log of Drill Hole MET-1.....	6
4. Log of Drill Hole MET-2.....	12
5. Log of Drill Hole MET-3.....	17
6. Certificate.....	22
7. References.....	23

Figures

1. Claim Map.....	2
2. Drill Hole MET-1 - plan.....	10
- section.....	11
3. Drill Hole MET-2 - plan.....	15
- section.....	16
4. Drill Hole MET-3 - plan.....	20
- section.....	21

Table

1. Claim Status.....	3
----------------------	---

Appendices

I. Analytical Results and charges	
-----------------------------------	--

1. Summary

In the period January 27 to February 6, 1989 three holes totalling 1338 feet were drilled by Northwest Geophysics under contract to Mingold Resources Inc. on the Meta Project.

The Meta property consists of 55 unpatented claims centered one km southwest of Meta Lake and 62 kilometers northwest of Nakina, Ontario. The claims are located at 50° 28' latitude and 87° 28' longitude in NTS area 42L/6. Access is by Highway #643, and logging road from Nakina. The road passes along the southern boundary of the claim group.

The claims have very little bedrock exposure although limited drilling indicates the overburden depths are shallow. The southern portion of the claim group is underlain by quartz feldspar biotite chlorite (garnet) gneisses of the English River Subprovince. To the north pegmatite, classified as migmatites by Amukun (1979), intrude the metasedimentary sequence.

The property was acquired in 1986 because of anomalous gold found in the glacial till on the down-ice side of the property. In 1987-88 magnetic and VLF-EM surveys were carried out along with overburden sampling with a Pionjar drill. For a discussion of this work see Davies (1987, 1988).

The object of the current diamond drilling was to test coincident VLF-EM conductors and gold geochemical anomalies from the Pionjar drilling.

All three drill holes intersected quartz feldspar biotite gneiss with variable chlorite, hornblende, garnet and staurolite. The metasediments were intruded by pegmatite and minor quartz veining. The best gold value obtained was 53 ppb Au in MET-1. Only background values were obtained in MET-1 and 3.

2. Claim Data

The Meta property consists of 55 unpatented claims wholly owned by Hudson Bay Gold Inc. (license No. T4719) P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8.

For a listing of the individual claims and their status see Table 1.

Property: M&A

Mining District: Thunder Bay

Claim Map: Sollas Lake (G-403)

MINGOLD RESOURCES INC.

CLAIM DATA

Date: September 6, 1989

Page 1 of 3

N.T.S. 42L/6

Lat. 50° 28' Long 87° 28'

CLAIM NUMBER	STAKED		RECORDING DATE		TRANSFERRED		ASSESSMENT CREDITS (man-days)								TOTAL CREDITS		EXPIRY DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	BY	DATE	DATE	DATE	TO	DATE	Manual	EM	Mag	Geophy	Geol.	Geochem	Drill	Strip	Mechan.	Expend	Max. 60	Max. 200	1987	1988	1989	1990	1991	1992																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

ASSESSMENT PENDING

Property: **META**

Mining District: Thunder Bay

Claim Map: Sollas Lake (G-403)

MINGOLD RESOURCES INC.

CLAIM DATA

Date: September 6, 1989

Page 2 of 3

N.T.S. 42L/6

Lat. 50° 28' Long 87° 28'

CLAIM NUMBER	STAKED		RECORDING DATE		TRANSFERRED		ASSESSMENT CREDITS (man-days)								TOTAL CREDITS		EXPIRY DATE						
	BY	DATE	DATE	TO	DATE	Manual	EM	Mag	Geophy	Geol.	Geochem	Drill	Strip	Mechan.	Expend	Max. 50	Max. 200	1987	1988	1989	1990	1991	1992
925320	Y. St. Germain	Sept. 12/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		20	10				40				30	100	X	X	X			
940657	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940658	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940659	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940660	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940661	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940662	M. Lampron	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20								60	120	X	X	X			
940663	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20								60	120	X	X	X			
940664	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940665	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940666	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86											20.7	20.7	X	X	X			
940667	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20								60	120	X	X	X			
940668	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20	10				10				60	100	X	X	X			
940669	M. Lampron	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20					53				60	133	X	X	X			
940670	M. Lampron	Sept. 9/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20	10				10				60	100	X	X	X			
940671	M. Lampron	Sept. 9/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20	10				50				60	140	X	X	X		X	
940672	M. Lampron	Sept. 9/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20					60				60	140	X	X	X		X	
940673	M. Lampron	Sept. 9/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40									60	100	X	X	X		X	
940674	M. Lampron	Sept. 9/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20				20				60	140	X	X	X		X	
940675	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20				20				60	140	X	X	X		X	
940676	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40									60	100	X	X	X		X	
940677	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20					20				60	100	X	X	X		X	
940678	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		40	20				20				60	140	X	X	X		X	
940679	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20	10				10				60	100	X	X	X		X	
940680	M. Lampron	Sept. 10/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86							40				60	100	X	X	X		X	
940681	M. Lampron	Sept. 11/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86							40				60	100	X	X	X		X	
940682	M. Lampron	Sept. 11/86	Sept. 17, 1986	HudBay Gold	Oct. 23/86		20	10				40				30	100	X	X	X		X	
940940	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86											20.7	20.7	X	X	X			
940941	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86											20.7	20.7	X	X	X			
940942	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		20	5				40				35	100	X	X	X			
940943	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		40	20								60	120	X	X	X		X	
940944	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		40	20								60	120	X	X	X		X	
940945	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		20	10				20				50	100	X	X	X		X	
940946	A. Gagnon	Sept. 7/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		20	10				20				50	100	X	X	X		X	
940947	A. Gagnon	Sept. 8/86	Sept. 17, 1986	HudBay Gold	Oct. 20/86		20	10				20				50	100	X	X	X		X	

ASSESSMENT PENDING

CLAIM DATA

Lat. 50° 28' Long 87° 27'

CLAIM NUMBER	STAKED		RECORDING DATE	TRANSFERRED		ASSESSMENT CREDITS (man-days)						TOTAL CREDITS		EXPIRY DATE									
	BY	DATE		TO	DATE	Manual	EM	Mag	Geophy	Geol.	Geochem	Drill	Strip	Mechan.	Expend	Max. 60	Max. 200	1987	1988	1989	1990	1991	1992
940948	A. Gagnon	Sept. 8/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940949	A. Gagnon	Sept. 8/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	10				20				50	100	X	X				
940950	A. Gagnon	Sept. 8/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	10				20				50	100	X	X				
940951	A. Gagnon	Sept. 8/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	10				25				45	100	X	X				
940952	A. Gagnon	Sept. 9/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	5								20.7	45.7	X	X				
940953	A. Gagnon	Sept. 9/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	5								20.7	45.7	X	X				
940954	A. Gagnon	Sept. 9/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940955	A. Gagnon	Sept. 9/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940957	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940958	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940959	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940960	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	10								20.7	50.7	X	X				
940961	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86		20	10								20.7	50.7	X	X				
940962	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940963	A. Gagnon	Sept. 10/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940964	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940965	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940966	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940967	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940968	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				
940969	A. Gagnon	Sept. 11/86	Sept. 17, 1986	HudBay-Gold	Oct. 20/86											20.7	20.7	X	X				

EXPIRY DATE				
20 days	40 days	60 days	1989	1990
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X
X	X	X	X	X

X Cancelled
X Cancelled
X Cancelled
X Cancelled

ASSESSMENT PENDING

988792 G. Douglas Feb. 24/87 Feb. 26, 1987 MRI Mar. 13/87
988793 G. Douglas Feb. 24/87 Feb. 26, 1987 MRI Mar. 13/87
988794 G. Douglas Feb. 24/87 Feb. 26, 1987 MRI Mar. 13/87
988795 G. Douglas Feb. 24/87 Feb. 26, 1987 MRI Mar. 13/87

PROJECT: META

DRILL HOLE NO. MET - 4

CO-ORDINATES: 37+90W
56+50S
COLLAR ELEV.: -
AZIMUTH: 180°
ANGLE: -45°

CLAIM NO.: TB 940672
CORE SIZE: BQ
DATE STARTED: Jan. 27/89
COMPLETED: Jan. 29/89

LOGGED BY: G. Bidwell
DRILLED BY: Northwest Geophysics
SECTION:
DEPTH: 426.0 ft.

HOLE SURVEYS
DEPTH DIP
no tests
(CORRECTED)
(RECTION)

REMARKS: hole drilled to test coincident basal till gold geochem anomaly (10 ppb) and two parallel VLF conductors

O.B. - Overburden
N.A. - Not assayed
L.C. - lost core

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO			No.	FROM	TO	WIDTH	ppb	Au	ppm Cu ppm Zn
0.0	24.0	Overburden	-fine grained well foliated chlorite schist - approximately 95% chlorite, remainder feldspar and biotite, trace sulphide mainly pyrrhotite stringers and blebs. Core angles of schist 25' = 52° 35' = 50° -minor feldspar-rich sections with few garnets -silicified sections, presumably formerly chloritic schist 39.7 - 40.5 has fine grained granitic texture At 41.0 core angle 54° -sections are gneissic or schistose, portions are very fine grained, no sulphides -some thin fractures with bleached alteration haloes -brecciated vein @ 20° core angle, minor chalcopyrite as stringers in fracture, 5% chalcopyrite -2 generations of quartz, white translucent variety and a clear transparent quartz same as 38.8 - 46.0 -bottom 0.6 feet has pyrrhotite - chalcopyrite stringers along gneissic foliation -sulphide is very minor component (<2%)	O.B.	0.0	24.0	24.0			
24.0	38.8	Chlorite Schist		N.A.	24.0	38.8	14.8			
38.8	46.0	Silicified Quartz Feldspar Biotite Hornfels		61368	38.8	40.5	1.7	<5	26	30
				61369	40.5	42.5	2.0	<5	77	92
				61370	42.5	44.5	2.0	<5	61	221
46.0	47.2	Quartz Vein	-brecciated vein @ 20° core angle, minor chalcopyrite as stringers in fracture, 5% chalcopyrite -2 generations of quartz, white translucent variety and a clear transparent quartz same as 38.8 - 46.0 -bottom 0.6 feet has pyrrhotite - chalcopyrite stringers along gneissic foliation -sulphide is very minor component (<2%) -poorly foliated garnet-rich gneiss, minor pyrrhotite and chalcopyrite stringers along gneissic foliation especially @ 52.4 and 54.0 -garnets up to 1/8 inch in diameter and in sections made up to 40% of rock, more commonly 15-20% -same as above with considerable less garnets 66.0 - core angle of 50°	61371	44.5	46.0	1.5	<5	531	92
				61372	46.0	47.2	1.2	<5	472	34
47.2	50.0	Silicified Quartz Feldspar Biotite Hornfels		61373	47.2	50.0	2.8	9	630	54
50.0	61.8	Garnet-rich Quartz Feldspar Biotite Gneiss		61374	50.0	53.0	3.0	20	765	43
				61375	53.0	55.9	2.9	53	1034	39
61.8	66.5	Quartz Feldspar Biotite Chlorite Gneiss		61376	55.9	58.9	3.0	<5	143	18
				61377	58.9	61.8	2.9	<5	42	26
				61378	61.8	64.2	2.4	7	89	73
				61379	64.2	66.5	2.3	<5	105	47

MINGOLD RESOURCES INC.
Eastern District

Date: May 8, 1989
Page 2 of 4

PROJECT: META

DRILL HOLE NO. MET - 1

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO			FROM	TO	WIDTH	Ppb	Au	Ppm Cu	Ppm Zn
66.5	68.3	Garnet-rich Gneiss	-same as 50.0 - 61.8 -up to 50% garnets	66.5	68.3	1.8	<5		168	30
68.3	70.2	Quartz Vein	-similar to vein at 46.0 to 47.2 (may be same one) -core angle is very shallow (0 to 20°)	68.3	70.2	1.9	6		167	32
70.2	133.9	Chlorite Biotite Schist	-medium to coarse grained dark green poorly foliated schist - mainly chlorite (80%) remainder is biotite and feldspar, minor traces of pyrrhotite 81.0 - core angle 60° 101.0 - core angle 54° 104.0 - core angle 55° 113.0 - core angle 54° 123.0 - core angle 52°	70.2	144.2	74.0				
133.9	144.2	Quartz Feldspar Biotite Hornfels	-fine grained light to dark green, finely gneissic in portions, contains bleached fractures (may be volcanic) 138.0 - core angle 51° 142.0 - core angle 50°	144.2	145.4	1.2	24	27		23
144.2	145.4	Silicified Quartz Feldspar Hornfels	-similar to above, highly silicified with bleached fractures (light green)							
145.4	149.8	Quartz Feldspar Biotite Hornfels	-same as 137.9 - 144.2 147.0 - core angle = 50°	145.4	155.3	9.9				
149.8	157.1	Quartz Feldspar Chlorite Biotite Schist	-dark green, medium to coarse grained 154.0 - core angle = 60° -minor pyrrhotite stringers along schistose foliation 155.5 - quartz pyrrhotite in 1/2 to 1 inch wide fracture 156.6 - 157.1 - pyrrhotite stringers in schist (25%)	155.3	157.1	1.8	<5	651		655
157.1	171.0	Quartz Feldspar Biotite Hornfels	-same as above (145.4 - 149.8) fine grained, light to dark green, - looks like a volcanic flow but does not seem likely, probably hornfelsed sediment	157.1	175.0	17.9				
171.0	175.0	Quartz Hornblende Feldspar Gneiss	-coarser grained than above rock -gneissic and schistose in sections -minor quartz infilling fracture -dark green -171.0 - core angle 60°							

MINGOLD RESOURCES INC.
Eastern District

PROJECT: META

DRILL HOLE NO. MET - 1

Date: May 8, 1989
Page 3 of 4

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO			No.	FROM	TO	WIDTH	ppb Au	ppm Cu	ppm Zn
175.0	199.8	Quartz Feldspar Biotite Gneiss	- light to dark grey banded gneiss, some sections up to 15% pyrrhotite stringers, generally $\approx$ 2% or less - very hard, fine grained 180' - core angle 71° 178.3 - 180.0 - pyrrhotite stringers $\approx$ 6% sulphide 191.0' core angle = 63°	61384 61385 61386 N. A.	175.0 176.5 178.3 180.0 225.0	176.5 178.3 180.0 225.0	1.5 1.8 1.7 45.0	<5 <5 <5	156 111 188	583 355 1245
199.8	225.0	Chlorite Biotite Schist	- medium to coarse grained, dark green, poorly foliated schist							
225.0	232.6	Quartz Feldspar Biotite Hornfels	- slightly gneissic light to dark green, massive hornfels; some micro-fracturing in sections with quartz infilling 225.0 - 227.4 - pyrrhotite stringers along foliation, first half of interval 4% pyrrhotite, second half 15%; also pyrrhotite in brecciated portions, odd speck of chalcopyrite, no pyrite	61387 N. A.	225.0 227.4	227.4 239.1	2.4 11.7	<5	398	2725
232.6	239.8	Quartz Chlorite Biotite Gneiss	- medium to coarse grained, banded in sections 237.0 - core angle = 58° 239.1 - 239.8 - minor pyrrhotite stringers particularly @ contact (239.8) - at contact up to 3/4" wide stringer	61392	239.1	239.8	0.7	<5	89	44
239.8	292.3	Quartz Feldspar Biotite Chlorite Gneiss	- fine to medium grained, garnet-rich in intervals, minor siliceous - sulphide fractures parallel gneissic layering, in places up to 10% garnets 244.0' core angle = 70° 256.0' core angle = 68° 260.0' 2 inch wide quartz-carbonate altered zone parallel gneissic layering 268.0' core angle 68° 274.0' 2 inch wide quartz vein @ 65° core angle 289' - 60° core angle	N. A.	239.8	292.3	52.5			
292.3	304.2	Pegmatite Dike	coarse grained pegmatite dike, quartz, potash feldspar, muscovite with odd coarse bleb of pyrrhotite; books of muscovite up to 1/4" in diameter, some mica greenish tinge, some dark brown	61388 61389 61390	292.3 296.3 300.3	296.3 300.3 304.2	4.0 4.0 3.9	<5 <5 <5	47 15 23	82 148 96
304.2	361.3	Quartz Feldspar Biotite Hornfels	- coarse grained, coarsely foliated, light to dark green hornfels 313.0' - core angle = 62° 323.0' - core angle = 65° 333.0' - core angle = 58° 346.0' - core angle = 56° 351.0' - core angle = 65°	N. A.	304.2	418.6	114.4			

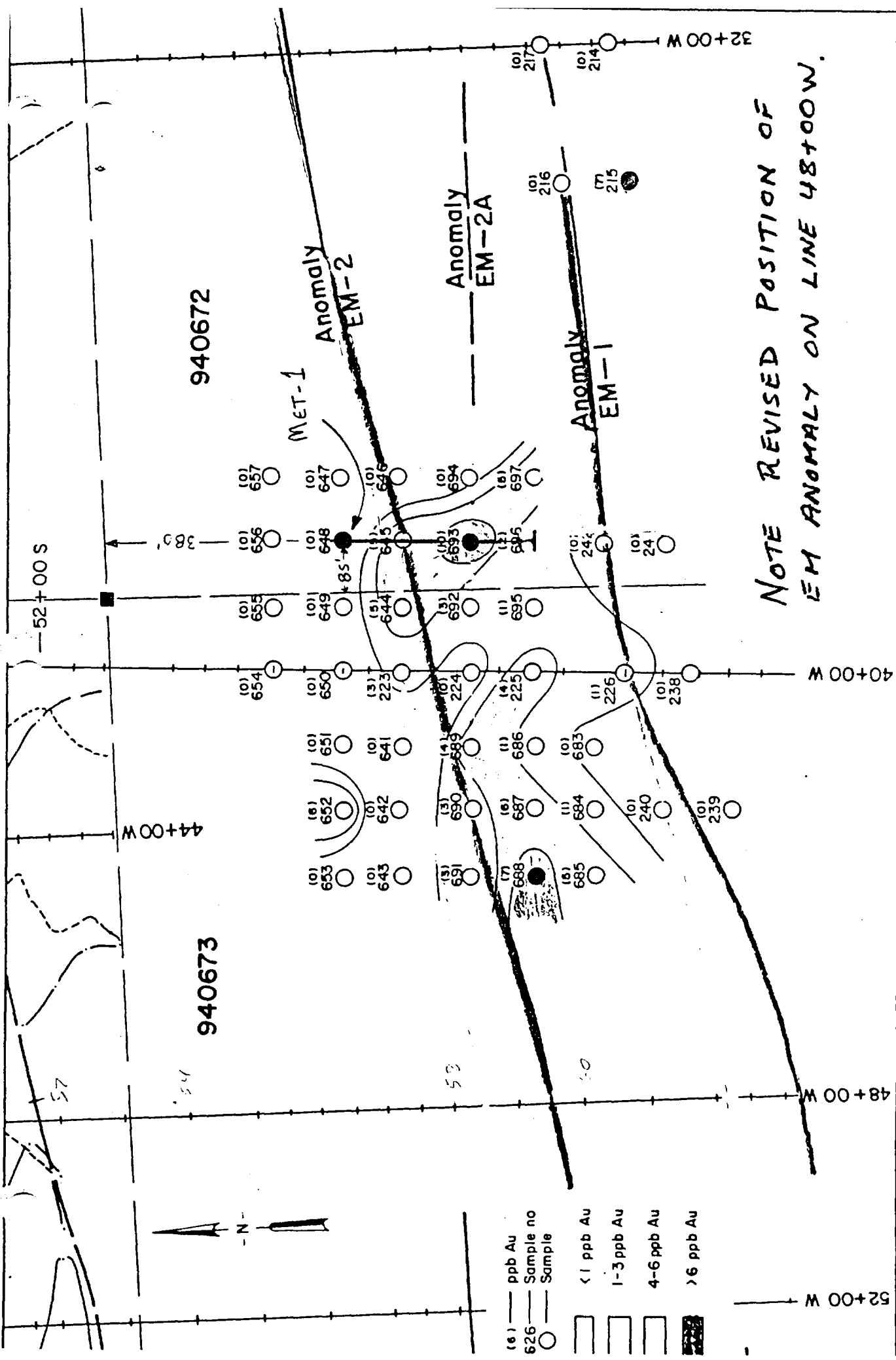
MINGOLD RESOURCES INC.
Eastern District

Date: May 8, 1989
Page 4 of 4

PROJECT: META

DRILL HOLE NO. MET - 1

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO			No.	FROM	TO	WIDTH	ppb	Au	ppm	Cu	ppm
361.3	366.7	Garnet-rich Quartz Feldspar Biotite Gneiss	- up to 40% garnets in sections, garnets 1/16 to 3/8" in diameter, garnet is 20% of unit									
366.7	370.5	Quartz Feldspar Biotite Gneiss	-banded fine to medium grained, light to dark grey, same as 361.3 to 366.7 except for only occasional garnet - finely foliated 370.0' - core angle = 67°									
370.5	382.5	Garnet-rich Quartz Feldspar Biotite Gneiss	same as 361.3 - 366.7 -garnet make up approximately 15% of rock									
382.5	426.0	Quartz Feldspar Biotite Gneiss	-light to dark grey, fine to medium grained sections are a banded gneiss, more commonly faint gneissic foliation, very minor quartz veining oblique to foliation -garnetiferous section up to 5% garnet	61391 N. A.	418.6 419.3	419.3 426.0	0.7 6.7	<5	413			29
	426.0	End of Hole	418.6 - 419.3 - pyrrhotite infilled fracture 1/4 to 1/2 inch wide - core angle erratic but shallow (20°)									
												



PROJECT: META LAKE SECTION: GRID 40W 58S Fig 5 MET-1	
MINING RESOURCES INC.	
SCALE: 1" = 200' DATE: JULY 26/1986 GROUP: META AIM NO: TB 940673	LOOKING: PLAN LOGGED BY: D. PESCE DRAWN BY: GAGNE APPROVED BY:



DATE: JULY, 1989.
by: JPM

MINGOLD RESOURCES INC.

Eastern District

Date: May 1989
Page 1 of 3

PROJECT: META

DRILL HOLE NO. MET - 2

CO-ORDINATES: 54+28W
33+25S

CLAIM NO.: TB 925309

LOGGED BY: G. Bidwell

COLLAR ELEV.: -

CORE SIZE: BQ

DRILLED BY: Northwest Geophysics

HOLE SURVEYS (CORRECTED)
DEPTH DIP
396.0 -3940

AZIMUTH: 2040

DATE STARTED: Jan. 30/89

SECTION:

ANGLE: -470

DEPTH: 396.0 ft.

REMARKS: hole drilled to test colincident basal till gold anomaly
(7 ppb) and VLF conductor

O.B. - overburden
N.A. - not assayed
L.C. - lost core

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS		
FROM	TO			No.	FROM	TO	WIDTH	ppb Au	ppm Cu
0.0	46.0	Overburden	fine to medium grained grey to black gneiss-hornfels sections quite massive, approximately 1/2 has a fine gneissic layering, remainder is same compositionally just more of a hornfels, intermittent and erratic siliceous sections, also black biotite-rich sections 57.7 - minor quartz sweat 2" x 1" 48.0 - core angle = 250 52.0 - core angle = 250 62.0 - core angle = 300 67.0 - 70.0 gneissic banding, core angle = 350 70.0 - 73.0 coarse biotite-rich hornfels 74.0 - core angle = 200 82.0 - core angle = 350 in regular gneissic layering 80.0 - 118.6 - fine gneissic layering 92.0 - core angle = 300 104.0 - core angle = 300 108.0 - core angle = 300 117.0 - core angle = 400	O.B.	0.0	46.0	46.0		
46.0	118.6	Quartz Feldspar Biotite Muscovite Gneiss		N.A.	46.0	117.6	71.6		
118.6	119.3	Quartz Vein		61393	117.6	118.6	1.0	<5	58
				61394	118.6	119.3	0.3	<5	29
119.3	168.2	Quartz Feldspar Biotite Gneiss		61395	119.3	121.3	2.0	<5	48
				N.A.	121.3	165.0	43.7		
				61396	165.0	167.0	2.0	<5	55
				61397	167.0	168.2	1.2	<5	9
									81
									135

MINGOLD RESOURCES INC.
Eastern District

Date: May 8 1989
Page 2 of 3

PROJECT: META DRILL HOLE NO. MET - 2

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS		
FROM	TO			No.	FROM	TO	WIDTH	Ppb Au	Ppm Cu
168.2	174.0	Quartz Vein	-cloudy quartz with dark (blue?) tinge in 25% of veins -broken faces have typical vitreous luster, minor secondary very fine grained quartz-infilling of fractures - upper contact has core angle of 30° (parallel gneissic layering) - bottom contact core angle is 70°	61398 61399 61400	168.2 170.2 172.2	170.2 172.2 174.0	2.0 2.0 1.8	<5 <5 <5	7 6 6
174.0	177.9	Quartz Feldspar Biotite Gneiss	- as above but non foliated - no core angles	61401 61402	174.0 176.0	176.0 177.9	2.0 1.9	<5 <5	14 41
177.9	217.2	Pegmatite Gneiss Pegmatite	- dominantly coarse grained quartz (50%), potash feldspar (40%), variable muscovite 5-25% - muscovite is transparent flake or silvery in cross sections, some light green varieties of muscovite, also a light green mineral associated with the muscovite, small euhedral crystals of red or wine coloured mineral (garnet?) throughout pegmatite generally in association with muscovite - massive, non-foliated - sample taken @ 174' of garnet? - garnets seem confined to 1st 15.0 feet of pegmatite 212.0 - 215.0 - increase in olive green muscovite At 217.1 - bottom contact - shallow core angle = 150 - quite abrupt change from pegmatite back into gneiss but increase finer grained muscovite in the pegmatite near both upper and lower contact	61403 61404 61405 61406 61407 61408 61409 61410	177.9 182.0 187.0 192.0 197.0 202.0 207.0 212.0	182.0 187.0 192.0 197.0 202.0 207.0 212.0 217.2	4.1 5.0 5.0 5.0 5.0 5.0 5.0 5.2	<5 <5 <5 <5 <5 <5 <5 <5	8 4 4 8 5 7 5 17
217.2	266.5	Quartz Feldspar Biotite Gneiss	- same as preceding gneiss, sections massive and coarse grained, gneissic layering generally faint 219.0 - core angle = 50 228.0 - core angle = 300 243.0 - core angle = 250 248.0 - core angle = 350 258.0 - core angle = 600 263.0 - core angle = 400	61411 N.A. 61412	217.2 222.0 262.0	222.0 262.0 266.5	4.8 40.0 4.5	<5 <5 <5	31 43
266.5	362.0	Pegmatite	- same as above, up to 45% muscovite in sections, considerable fine to medium grained light green muscovite in first 4 feet of interval (266.5 - 270.0) - upper contact very sharp with overlying gneiss, core angle, variable but about 70° 285.0 - 307.0 section has finer grained granitic texture; perhaps block of granite partially absorbed At 341.0 increase in muscovite, one section (342.7 to 343.3) is solid muscovite, overall 25% muscovite	61413 N.A. 61414 N.A. 61415 61416 61417 61418	266.5 272.0 275.4 279.8 337.0 342.0 347.0 352.0	272.0 275.4 279.8 337.0 342.0 347.0 352.0 357.0	5.5 3.4 4.4 57.2 5.0 5.0 5.0 5.0	<5 <5 <5 <5 <5 <5 <5 <5	9 6 4 5 5 8

MINGOLD RESOURCES INC.
Eastern District

Date: May 8 1989
Page 3 of 3

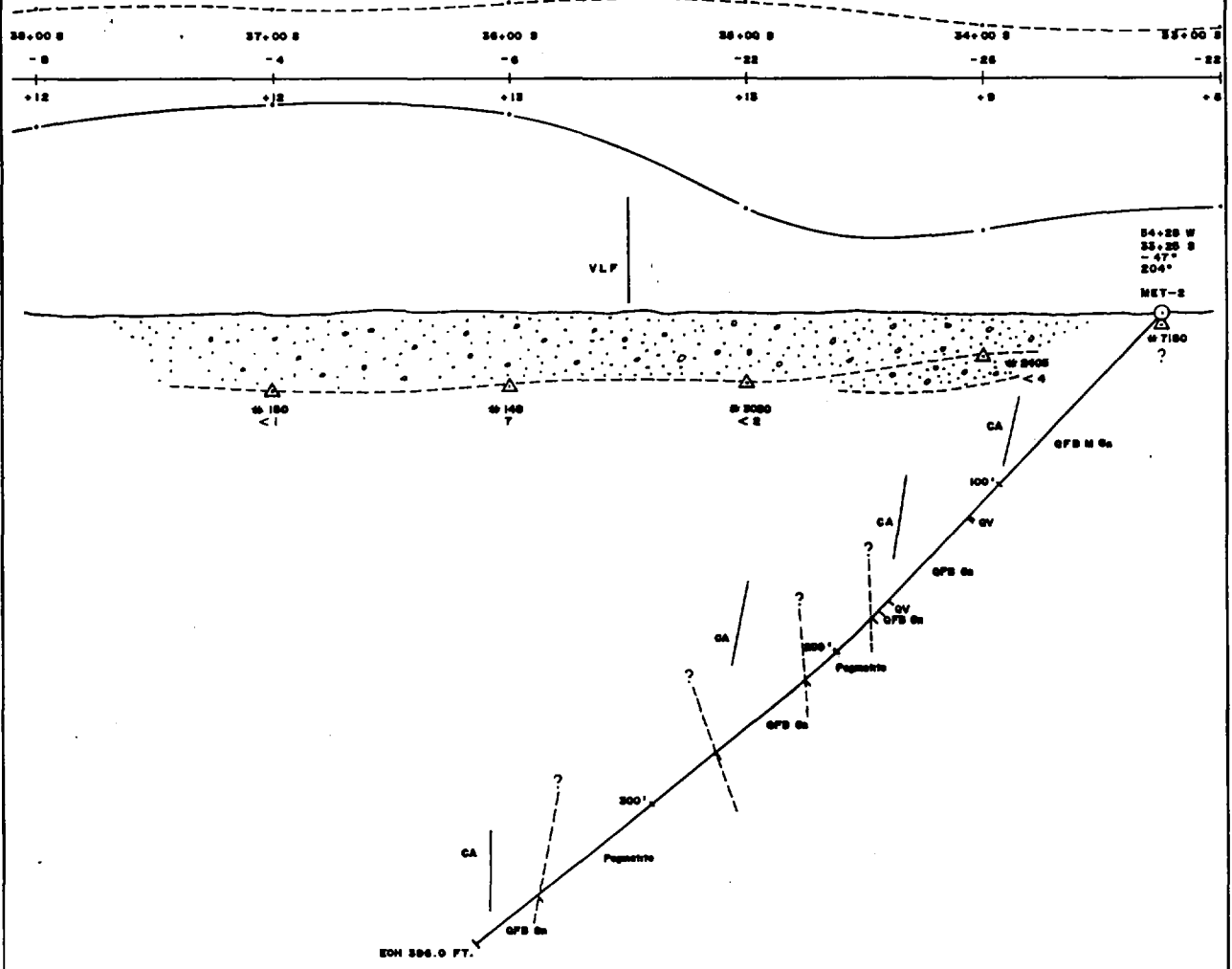
PROJECT: META

DRILL HOLE NO. MET-2

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE		ASSAYS					
FROM	TO			No.	FROM	TO	WIDTH	Ppb	Au	Cu	Ppm Zn
362.0	396.0	Quartz Feldspar Biotite Gneiss	- same as previous gneiss, only slightly foliated - sharp contact with overlying pegmatite, core angle = 40° At 368.0 core angle = 55° At 372.0 core angle = 65° At 383.0 core angle = 40° At 394.0 core angle = 40° 365.9 - 366.2 - foliform quartz vein (cloudy, no sulphides) 367.8 - 368.1 - foliform quartz vein (cloudy, no sulphides) 377.6 - 378.2 - foliform quartz vein (cloudy, no sulphides)	61419 61420 61421 61422 N.A.	357.0 362.0 367.0 372.0 378.2 396.0	362.0 367.0 372.0 378.2 396.0	5.0 5.0 5.0 6.2 17.8	<5 <5 <5 <5	9 30 60 57	13 101 93 79	
		396.0 End of Hole									

VLF EM 10
IN PHASE ———
OUT PHASE - - - -

VLF SCALE
+10
0
-10



MINGOLD RESOURCES INC.
EASTERN DISTRICT

META PROJECT
DRILL HOLE MET 2
GEOPHYSICAL PROFILES
LOOKING GRID WEST



DATE: JULY, 1989.
DRAWN BY: JPM

MINGOLD RESOURCES INC.
Eastern District

PROJECT: META

DRILL HOLE NO. MET-3

Date: May 9 1989
Page 1 of 3

CO-ORDINATES: 25+95W
53+108

COLLAR ELEV.: -

AZIMUTH: 205°

ANGLE: -50°

CLAIM NO.: TB 940672

CORE SIZE: BQ

DATE STARTED: Feb. 03/89

COMPLETED: Feb. 06/89

LOGGED BY: G. Bidwell

DRILLED BY: Northwest Geophysics

SECTION:

DEPTH: 516.0 ft.

HOLE SURVEYS (CORRECTED)
DEPTH DIP
516.0 -40%

REMARKS: hole drilled to test coincident basal till gold geochem anomaly (23 ppb Au)
and two VLF conductors

O.B. - overburden
N.A. - not assayed
L.C. - lost core

DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO			No.	FROM	TO	WIDTH	ppb Au	ppm Cu	ppm Zn
0.0	14.0	Overburden	very similar to pegmatite in previous holes, quartz-rich up to 20% muscovite with crystals up to 3" in diameter - generally coarse grained, beginning at 44.0 becomes progressively finer grained towards contact - overall 50% quartz, 40% potash feldspar, 10% muscovite - massive, megacrystic, good core recovery, some of feldspar has light greenish tinge, remainder is typical tan-brown, both translucent and cloudy quartz - highly metamorphorized metasediments, presumably have undergone increased metamorphism due to pegmatite intrusions - immediately following pegmatite this unit is 80% hornblende usually with a faint coarse foliation, and with depth there is a decrease in metamorphism and gradually changes to a quartz feldspar biotite gneiss 58.2 - 58.5 - siliceous breccia @ 40° core angle At 60.0 - core angle = 37° At 63.4 - 0.02 ft wide white quartz vein, no sulphides At 70.0 - core angle = 45° - minor random fracturing infilled with quartz, no wallrock alteration At 85.0 - core angle = 50°	O.B.	0.0	14.0	14.0			
14.0	52.7	Pegmatite		61423	14.0	19.0	5.0	<5	6	98
				61424	19.0	24.0	5.0	<5	4	198
				61425	24.0	29.0	5.0	<5	5	156
			61426	29.0	34.0	5.0	<5	5	99	
			61427	34.0	39.0	5.0	<5	4	228	
			61428	39.0	44.0	5.0	<5	3	67	
52.7	92.0	Amphibolite Gneiss	61429	44.0	49.0	5.0	<5	5	19	
			61430	49.0	52.7	3.7	<5	44	128	
			61431	52.7	56.0	3.3	<5	175	17	
			61432	56.0	58.5	2.5	<5	144	17	
92.0	130.0	Quartz Feldspar Biotite Gneiss	N. A.	58.5	208.5	150.0				
			fine grained grey, fine foliated quartz feldspar biotite gneiss, gradual change from above unit, foliation is consistent although in places quite faint, monotonous rock, minor random fractures with quartz filling - the gneiss averages 30% quartz, 40% feldspar, 30% biotite At 96.0 - core angle = 45° 108.3-108.5-quartz feldspar dike, mini-pegmatite but fine to medium grained -sharp contacts with gneiss @ 90°							

PROJECT: META

DRILL HOLE NO. MET - 3

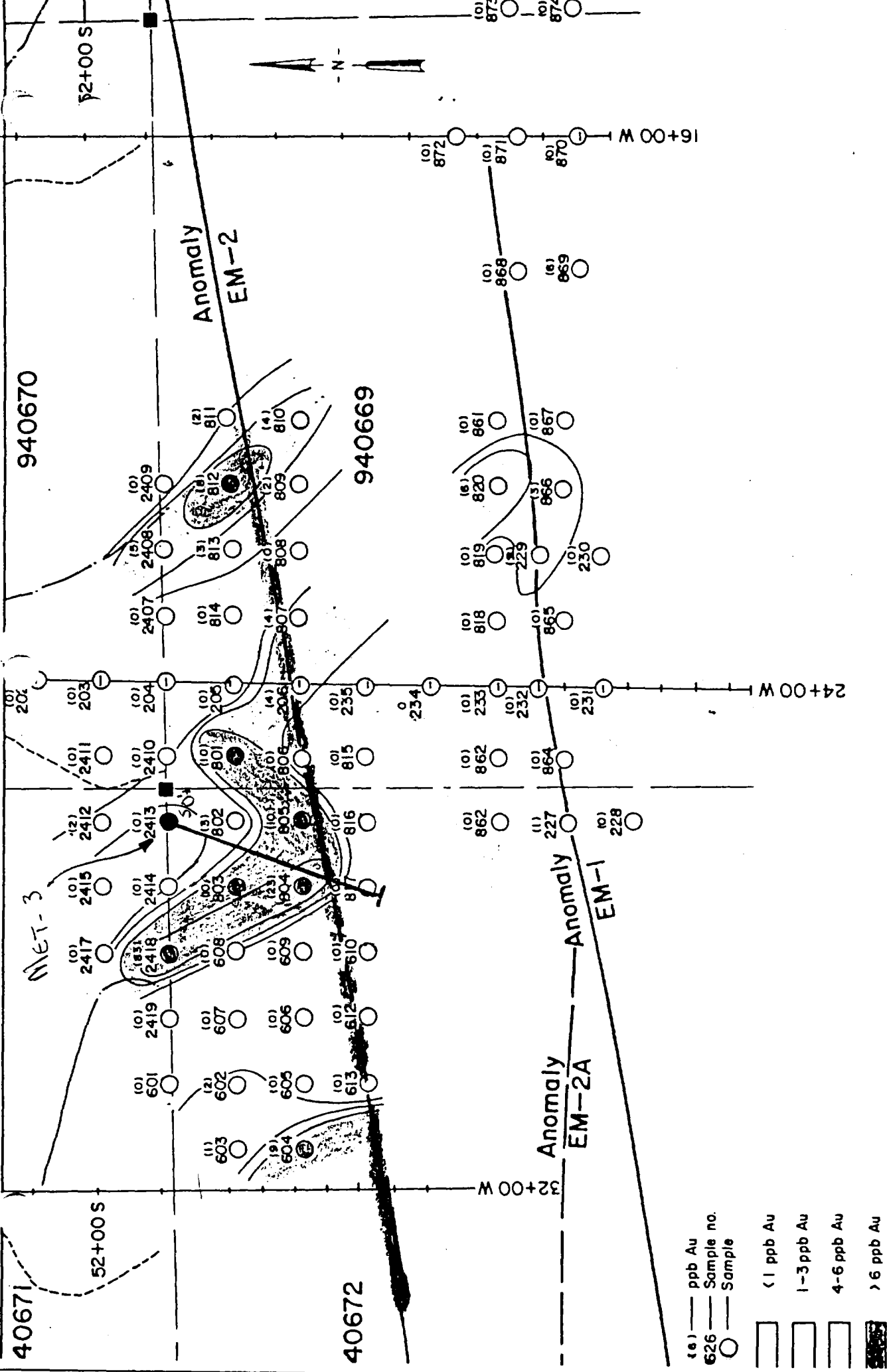
DEPTH		ROCK TYPE	DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO			No.	FROM	TO	WIDTH	ppb Au	ppb Cu	ppm Zn
130.0	192.5	Quartz Feldspar Hornblende Biotite Gneiss	At 113.0 - core angle = 51° At 129.0 - core angle = 52° 124.0-125.0 - three quartz stringers up to 3/4 inch wide; random orientation -gradual change, increase in gneiss size and metamorphism At 139.0 - core angle = 39° At 144.0 - core angle = 54° At 149.0 - core angle = 56° At 161.0 - 1" wide translucent quartz vein, random outline At 159.0 - core angle = 47° 163.2 - 163.6 - 2 white quartz veins up to 1" wide - random outlines, no sulphide At 170.0 - core angle = 45° - by 180.0 hornblende crystals up to 1/4" across light grey in colour, considerably lighter than above unit, also much more banded with quartz-rich section and biotite-rich section (function of original sedimentary composition), fine grained 196.3 - 196.6 white quartz vein, random but sharp contacts 197.0 - 197.2 quartz feldspar vein, brecciated on contacts, no sulphides - this gneiss has minor stringers and blebs of sulphide generally along foliation, both pyrite and pyrrhotite - sulphides < 1% At 198.0 - core angle = 45° 204.3-205.1 - random quartz feldspar vein along core axis 206.1-206.3 - random quartz veldspar vein along core axis 208.5-210.7 - 2% pyrrhotite stringers with trace of pyrite and chalcopyrite At 211.0 - core angle = 53° At 221.0 - core angle = 46° 221.3-224.3 - random quartz vein, no sulphides At 226.0 - core angle = 47°, good banded gneiss 226.2-227.6 - random quartz vein along core axis 228.0-248.0 - banded gneiss - well banded with gneissic foliation, minor sections are garnet-rich. At 230.0 - core angle = 62° At 236.0 - core angle = 57° At 245.0 - core angle = 60° - 255.4 to 275.2 sulphide stringers (3%) along foliation, mainly pyrrhotite, minor pyrite and chalcopyrite, maybe sphalerite; good banding At 259.0 - core angle = 51° At 268.0 - core angle = 57° At 273.0 - core angle = 59°	61433 61434 N. A.	208.5 210.7 214.0	210.7 214.0 255.4	2.2 3.3 41.4	<5 <5	425 141	427 73
192.5	275.2	Quartz Feldspar Biotite Gneiss		61435 61436 61437 61438 N. A.	255.4 260.4 265.3 270.3 275.2	260.4 265.3 270.3 275.2 304.0	5.0 4.9 5.0 4.9 28.8	<5 <5 <5 <5	128 86 80 226	184 461 206 651

Eas. District

MET - 3

MET - 3

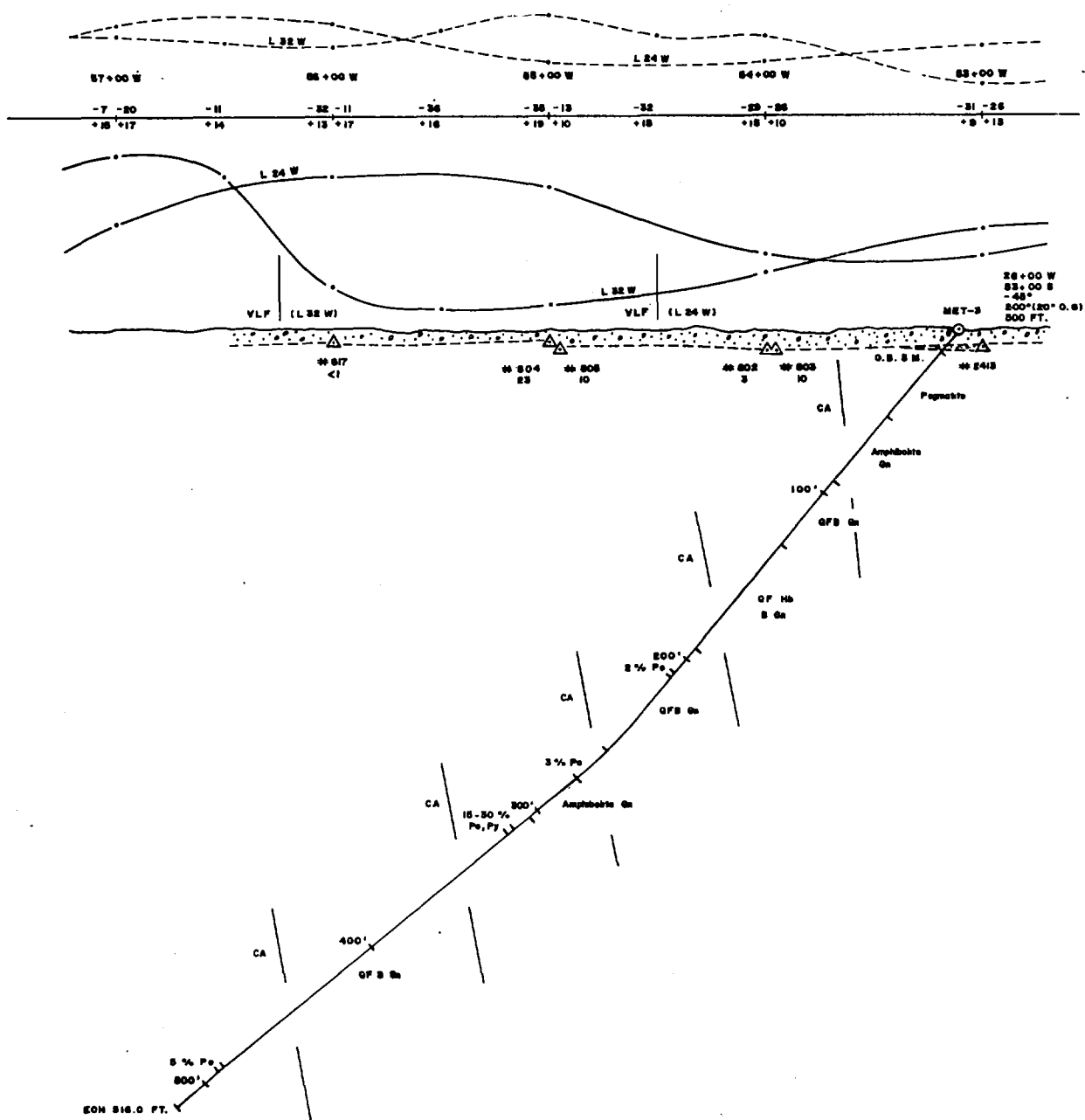
[illegible]



SCALE: 1" = 200' DATE: JULY 24 / 1968 GROUP: META PROJECT: META LAKE SECTION: GRID 24W 55S Fig. 4	
LOOKING: PLAN LOGGED BY: C. HUNTER M. DAVIES D. PESCE DRAWN BY: GAGNE APPROVED BY:	
TB 940671, 940670 TB 940672, 940669	

VLF EM 16
IN PHASE - - -
OUT PHASE - - -

VLF
SCALE
+10
0
-10



LEGEND

△ PIONEER BASAL TILL SAMPLE
817 SAMPLE NUMBER
<1 PFB AU

MINGOLI RESOURCES INC. EASTERN	
META PROJECT	
DRILL HOLE MET-3 GEOPHYSICAL PROFILES LOOKING GRID WEST	
SCALE: 0 50 100 FEET	JULY, 1988 JPM

6. Certificate

I, Gerald E. Bidwell of the City of Thunder Bay in the Province of Ontario hereby certify:

1. That I am a geologist employed by Mingold Resources Inc.
2. That I am a graduate of the University of Saskatchewan with a Bachelor of Arts and Science (Geology) degree granted in 1967. I have been practicing my profession for twenty-two years.
3. I am a fellow of the Geological Association of Canada.
4. That assay charges in the amount of \$1738.00, as listed in Appendix I were paid by Mingold Resources Inc. for sampling on the Meta Property.

Dated at Thunder Bay, Ontario the 6th day of September 1989.


Gerald E. Bidwell

7. References

Amukun, S. E. et al

1979: Howard Falls Area, Northern Half; Ontario
Geological Survey Preliminary Map. P.2310.

Davies, R.

1987: Report on a VLF-EM Survey, Magnetic Survey and
Overburden Drilling the Meta Lake Claims, Sollas
Lake Area (assessment report filed by Hudson Bay
Gold Inc.).

1988: Report on Follow-up Overburden Drilling on the
Meta Lake Claims, Sollas Lake Area (assessment
report filed by Hudson Bay Gold Inc.).

APPENDIX I

ANALYTICAL RESULTS AND CHARGES

BONDAR CLEGG AND CO. LTD.

REPORT NO. 89-50372.0	\$ 550.00
REPORT NO. 89-50659.0	<u>1188.00</u>
	\$1738.00
	=====



May 30, 1988

Bondar-Clegg is pleased to offer the following analytical services:

Soil Samples

Sample Preparation

1. The entire field sample will be dried at 60 oC.
2. The dried material will be screened for the -80 mesh particle fraction.
3. The -80 mesh fraction will be homogenized, bagged and labelled.

Geochemical Analysis

1. Determination of Au using Fire Assay Lead Collection-Flame Atomic Absorption measurement, test sample weight of 30 g, detection level of 5 ppb.
2. Determination of Ag, Cu, Pb, Zn and As using a HNO₃/HCl extraction-Direct Current Plasma Emission measurement, detection levels of 0.5, 1, 1, 1 and 5 ppm.

Rock Samples

Sample Preparation

1. The entire field sample will be reduced to -10 mesh using Jaw and Cone Crushers.
2. A 300 g representative split of the -10 mesh material will be obtained using a Jones Riffle Splitter.
3. The representative split will be pulverized to -150 mesh using a ring and puck pulverizer.
4. The pulverized material will be homogenized, bagged and labelled.

Geochemical Analysis

1. Determination of Au using Fire Assay Lead Collection-Flame Atomic Absorption measurement, test sample weight of 30 g, detection level of 5 ppb.
2. Determination of Ag, Cu, Pb, Zn and As using a HNO₃/HCl extraction-Direct Current Plasma Emission measurement, detection levels of 0.5, 1, 1, 1 and 5 ppm.



Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 8N5
(613) 749-2220 Telex 053-3233

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO
S3367
P7B 5Z4

Invoice : 0145266, Page 1

Date : 14-FEB-89

Report No: 089-50372.0

Project : NONE

Reference: MET-1

25 Analyses of Silver	at \$ 2.50	\$ 62.50	
25 Analyses of Copper	at \$ 1.00	\$ 25.00	
25 Analyses of Lead	at \$ 1.00	\$ 25.00	
25 Analyses of Zinc	at \$ 1.00	\$ 25.00	
Subtotal		\$ 137.50	\$ 137.50

25 Analyses of Gold	at \$ 8.75	\$ 218.75	
Subtotal		\$ 218.75	\$ 218.75

25 Analyses of Arsenic	at \$ 4.00	\$ 100.00	
Subtotal		\$ 100.00	\$ 100.00

Sample Preparation

25 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 93.75	
Subtotal		\$ 93.75	\$ 93.75

Invoice Total: \$ 550.00 Cdn

80054-213

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 8X5
31 749- Telex 053-3233



Geochemical Lab Report

REPORT: 089-50372.0 (COMPLETE)

REFERENCE INFO: MET-1

CLIENT: MINGOLD RESOURCES
PROJECT: NONE

SUBMITTED BY: G. BIDWELL
DATE PRINTED: 14-FEB-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	25	1 PPM	HCl-HNO ₃ . (1:3)	Atomic Absorption
2	Zn	Zinc	25	1 PPM	HCl-HNO ₃ . (1:3)	Atomic Absorption
3	Ag	Silver	25	0.1 PPM	HCl-HNO ₃ . (1:3)	Atomic Absorption
4	Pb	Lead	25	2 PPM	HCl-HNO ₃ . (1:3)	Atomic Absorption
5	As	Arsenic	25	2 PPM	HNO ₃ -HClO ₄	Colourimetric
6	Au	Gold	25	5 PPB	AQUA REGIA	FA-AA @ 30 gm weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	25	-200	25	Crush, Pulverize -200	25

REPORT COPIES TO: 935 COBALT CRES.
FAX TO GERRY BIDWELL

INVOICE TO: 935 COBALT CRES.

Meta Project

REPORT: 089-50372.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pd PPM	As PPM	Au PPB
61368		26	30	0.1	4	<2	<5
61369		77	92	<0.1	2	<2	<5
61370		61	221	0.5	2	<2	<5
61371		513	92	0.4	<2	<2	<5
61372		472	34	0.1	6	2	<5
61373		630	54	<0.1	2	2	9
61374		765	43	<0.1	2	<2	20
61375		1034	39	0.1	<2	<2	53
61376		143	18	<0.1	<2	<2	<5
61377		42	26	0.2	<2	<2	<5
61378		89	33	<0.1	<2	<2	7
61379		105	47	<0.1	<2	<2	<5
61380		168	30	<0.1	4	2	<5
61381		167	32	0.3	2	2	6
61382		27	23	0.4	<2	<2	24
61383		651	655	0.7	6	<2	<5
61384		156	583	0.4	7	<2	<5
61385		111	355	0.6	16	<2	<5
61386		188	1245	0.5	10	<2	<5
61387		398	2725	1.0	28	2	<5
61388		47	82	0.1	12	2	<5
61389		15	148	0.3	17	<2	<5
61390		23	96	<0.1	14	<2	<5
61391		413	29	0.4	<2	<2	<5
61392		89	44	0.1	<2	<2	<5

MET-1



Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053 3233

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO
S3367
P7B 5Z4

Invoice : 0145665, Page 1

Date : 2-MAR-89

Report No: 089-50659.0

Project : NONE

Reference:

54 Analyses of Silver	at \$ 2.50	\$ 135.00	
54 Analyses of Copper	at \$ 1.00	\$ 54.00	
54 Analyses of Lead	at \$ 1.00	\$ 54.00	
54 Analyses of Zinc	at \$ 1.00	\$ 54.00	
Subtotal		\$ 297.00	\$ 297.00
54 Analyses of Gold	at \$ 8.75	\$ 472.50	
Subtotal		\$ 472.50	\$ 472.50
54 Analyses of Arsenic	at \$ 4.00	\$ 216.00	
Subtotal		\$ 216.00	\$ 216.00
Sample Preparation			
54 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 202.50	
Subtotal		\$ 202.50	\$ 202.50

Invoice Total: \$ 1188.00 Cdn

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Bondar-Clegg & Company Ltd.
5429 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 222-0533 Telex 053-3233



Geochemical Lab Report

REPORT: 089-50659.0 (COMPLETE)

REFERENCE INFO:

CLIENT: MINGOLD RESOURCES
PROJECT: NONE

SUBMITTED BY: G.B
DATE PRINTED: 2-MAR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	54	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
2	Zn	Zinc	54	1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
3	Ag	Silver	54	0.1 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
4	Pb	Lead	54	2 PPM	HCl-HNO ₃ , (1:3)	Atomic Absorption
5	As	Arsenic	54	2 PPM	HNO ₃ -HClO ₄	Colourimetric
6	Au	Gold	54	5 PPB	AQUA REGIA	FA-AA @ 30 g weight

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	54	-200	54	Crush, Pulverize -200	54

REPORT COPIES TO: 935 COBALT CRES.

INVOICE TO: 935 COBALT CRES.

META

REPORT: 089-50659.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPB
61393		58	114	<0.1	24	5	<5
61394		29	63	<0.1	17	7	<5
61395		48	91	<0.1	12	<2	<5
61396		55	81	<0.1	6	2	<5
61397		9	135	<0.1	9	3	<5
61398		7	11	<0.1	<2	3	<5
61399		6	10	<0.1	<2	3	<5
61400		6	19	<0.1	<2	5	<5
61401		14	103	<0.1	11	<2	<5
61402		41	142	0.2	19	<2	<5
61403		8	11	<0.1	10	3	<5
61404		4	9	<0.1	11	<2	<5
61405		4	10	<0.1	8	3	<5
61406		8	16	<0.1	15	6	<5
61407		5	10	<0.1	8	<2	<5
61408		7	11	<0.1	16	4	<5
61409		5	8	0.1	4	4	<5
61410		17	95	0.3	57	2	<5
61411		31	97	<0.1	8	5	<5
61412		43	87	<0.1	6	<2	<5
61413		9	15	0.1	2	<2	<5
61414		6	14	<0.1	3	4	<5
61415		4	27	<0.1	<2	<2	<5
61416		5	36	<0.1	<2	<2	<5
61417		5	49	<0.1	2	3	<5
61418		8	26	<0.1	2	<2	<5
61419		9	13	<0.1	6	3	<5
61420		30	101	<0.1	3	2	<5
61421		60	93	<0.1	2	<2	<5
61422		57	79	<0.1	4	<2	<5
61423		6	98	<0.1	<2	2	<5
61424		4	198	<0.1	<2	3	<5
61425		5	156	<0.1	<2	4	<5
61426		5	99	<0.1	<2	<2	<5
61427		4	228	0.2	<2	2	<5
61428		3	67	<0.1	<2	<2	<5
61429		5	19	<0.1	2	3	<5
61430		44	128	<0.1	4	4	<5
61431		175	17	<0.1	<2	5	<5
61432		144	17	<0.1	2	4	<5

Met-2

Met-3

REPORT: 089-50659.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPB
61433		425	427	<0.1	4	2	<5
61434		141	73	<0.1	2	2	<5
61435		128	184	0.1	3	3	<5
61436		86	461	<0.1	4	2	<5
61437		80	206	<0.1	3	<2	<5
61438		226	651	0.2	4	2	<5
61439		61	38	<0.1	<2	3	<5
61440		443	31	0.3	9	<2	<5
61441		931	5800	0.8	67	<2	<5
61442		504	2800	0.3	50	3	<5
61443		129	74	<0.1	9	<2	<5
61444		175	655	<0.1	3	<2	<5
61445		170	33	<0.1	3	<2	5
61446		116	54	<0.1	4	3	<5

Met-3



Name and Postal Address of Recorded Holder

JDSOON BAY GOLD INC.

T-4719

P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1338	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)	TB	925289	40	TB	925303	10	TB	925312	40
		925292	40		925304	40		925313	40
		925295	40		925306	40		925314	20
		925297	40		925307	40		925315	40
		925298	40		925308	20		925316	40
		925299	40		925309	20		925320	40
		925301	40		925310	10		940667	10
		925302	40		925311	40		940668	20
☐ Manual Work ☐ Shaft Sinking Drifting or other Lateral Work. ☐ Compressed Air, other Power driven or mechanical equip. ☐ Power Stripping ☒ Diamond or other Core drilling ☐ Land Survey									

All the work was performed on Mining Claim(s): TB 940672, 925309 Sollas Lake Area (G-403)

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diamond Drilling - BQ Core (1 7/16" diameter)

Performed by Northwest Geophysics

Box 3262

Thunder Bay, Ontario P7B 5E8

RECEIVED
SEP 8 1989

Drill Hole	Dates	Depth	Assessment Requested
MET - 1	Jan. 27 - 29/89	426 ft.	426 days
MET - 2	Jan. 30 - Feb. 02/89	396 ft.	396 days
MET - 3	Feb. 03 - 06/89	516 ft.	516 days
			1338 days

Core from MET - 1 is stored at the Thunder Bay Core Library, MNDM

Core for MET - 2 and 3 is stored at Nelson's Camp, Jellicoe, Ontario

Work Assignment

TB 940672 882 day Bal. 3118

TB 925309 396 day Bal 3604

Date of Report
Sept. 6/89

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

GERALD BIDWELL - 935 Cobalt Crescent, Thunder Bay, Ontario P7B 5Z4

Date Certified
Sept. 6/1989

Certified by (Signature)

Table of Information/Attachments Required

Type of Work	Specific Information	Other Information (Common to 2 or more types)	Attachments
Manual Work			
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



Mining Act

Name and Postal Address of Recorded Holder JDSON BAY GOLD INC.	Prospector's Licence No. T-4719
P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed for Performance of the following work. (Check one only)	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
☐ Manual Work	TB	940669	53	TB	940679	10	TB	940949	20
☐ Shaft Sinking Drifting or other Lateral Work.		940670	10		940680	40		940950	20
☐ Compressed Air, other Power driven or mechanical equip.		940671	50		940681	40		940951	25
☐ Power Stripping		940672	60		940682	40			
☐ Diamond or other Core drilling		940674	20		940942	40			
☐ Land Survey		940675	20		940945	20			
		940677	20		940946	20			
		940678	20		940947	20			

All the work was performed on Mining Claim(s):

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

MINING DIVISION RECEIVED SEP 8 1989	
Date of Report Sept 6/89	Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto having performed the work or witnessed same during and/or after its completion and the annexed report is true.	
Name and Postal Address of Person Certifying	
Date Certified Sept 6/89	Certified by (Signature)

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

Mining Act

Type of Survey(s) EXPENDITURES - ASSAYING		Township or Area Sollas Lake Area (G-403)													
Claim Holder(s) HUDSON BAY GOLD INC.		Prospector's Licence No. T - 4719													
Address P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8															
Survey Company		Date of Survey (from & to) <table border="1"> <tr> <td>27</td> <td>01</td> <td>89</td> <td>06</td> <td>02</td> <td>89</td> </tr> <tr> <td>Day</td> <td>Mo.</td> <td>Yr.</td> <td>Day</td> <td>Mo.</td> <td>Yr.</td> </tr> </table>		27	01	89	06	02	89	Day	Mo.	Yr.	Day	Mo.	Yr.
27	01	89	06	02	89										
Day	Mo.	Yr.	Day	Mo.	Yr.										
Name and Address of Author (of Geo-Technical report) GERALD BIDWELL - 935 Cobalt Crescent, Thunder Bay, Ontario P7B 5Z4		Total Miles of line Cut													

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Man Days Complete reverse side and enter total(s) here	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	
Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	Days per Claim
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

[illegible]

Total number of mining claims covered by this report of work.

1

Expenditures (excludes power stripping)	
Type of Work Performed DRILL CORE ASSAYING	
Performed on Claim(s) TB 940672, 925309	
Calculation of Expenditure Days Credits	
Total Expenditures \$ 1738.00	÷ 15 = Total Days Credits 115
Instructions Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.	

For Office Use Only		
Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date	Recorded Holder or Agent (Signature)
Sept. 6, 1989	

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying	
GERALD BIDWELL - 935 Cobalt Crescent, Thunder Bay, Ontario P7B 5Y4	
Date Certified	Certified by (Signature)
Sept. 6, 1989	



Name and Postal Address of Recorded Holder JDSON BAY GOLD INC.	Prospector's Licence No. T-4719
P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 1338	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only) ☐ Manual Work ☐ Shaft Sinking Drifting or other Lateral Work. ☐ Compressed Air, other Power driven or mechanical equip. ☐ Power Stripping ☒ Diamond or other Core drilling ☐ Land Survey	TB	925289	40	TB	925303	10	TB	925312	40
		925292	40		925304	40		925313	40
		925295	40		925306	40		925314	20
		925297	40		925307	40		925315	40
		925298	40		925308	20		925316	40
		925299	40		925309	20		925320	40
		925301	40		925310	10		940667	10
		925302	40		925311	40		940668	20

All the work was performed on Mining Claim(s): TB 940672, 925309 Sollas Lake Area (G-403)

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diamond Drilling - BQ Core (1 7/16" diameter)

Performed by Northwest Geophysics
Box 3262
Thunder Bay, Ontario P7B 5E8

Drill Hole	Dates	Depth	Assessment Requested
MET - 1	Jan. 27 - 29/89	426 ft.	426 days
MET - 2	Jan. 30 - Feb. 02/89	396 ft.	396 days
MET - 3	Feb. 03 - 06/89	516 ft.	516 days
			1338 days

Core from MET - 1 is stored at the Thunder Bay Core Library, MNM
Core for MET - 2 and 3 is stored at Nelson's Camp, Jellicoe, Ontario

Date of Report
Sept. 6/89

Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

GERALD BIDWELL - 935 Cobalt Crescent, Thunder Bay, Ontario P7B 5Z4

Date Certified
Sept. 6/1989

Certified by (Signature)

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil



Mining Act

Name and Postal Address of Recorded Holder UDSON BAY GOLD INC.	Prospector's Licence No. T-4719
P.O. Box 28, Toronto Dominion Centre, Toronto, Ontario M5K 1B8	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only) ☐ Manual Work ☐ Shaft Sinking Drifting or other Lateral Work. ☐ Compressed Air, other Power driven or mechanical equip. ☐ Power Stripping ☐ Diamond or other Core drilling ☐ Land Survey	TB	940669	53	TB	940679	10	TB	940949	20
		940670	10		940680	40		940950	20
		940671	50		940681	40		940951	25
		940672	60		940682	40			
		940674	20		940942	40			
		940675	20		940945	20			
		940677	20		940946	20			
		940678	20		940947	20			

All the work was performed on Mining Claim(s):

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Date of Report	Recorded Holder or Agent (Signature)

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.	
Name and Postal Address of Person Certifying	
Date Certified	Certified by (Signature)

Table of Information/Attachments Required by the Mining Recorder

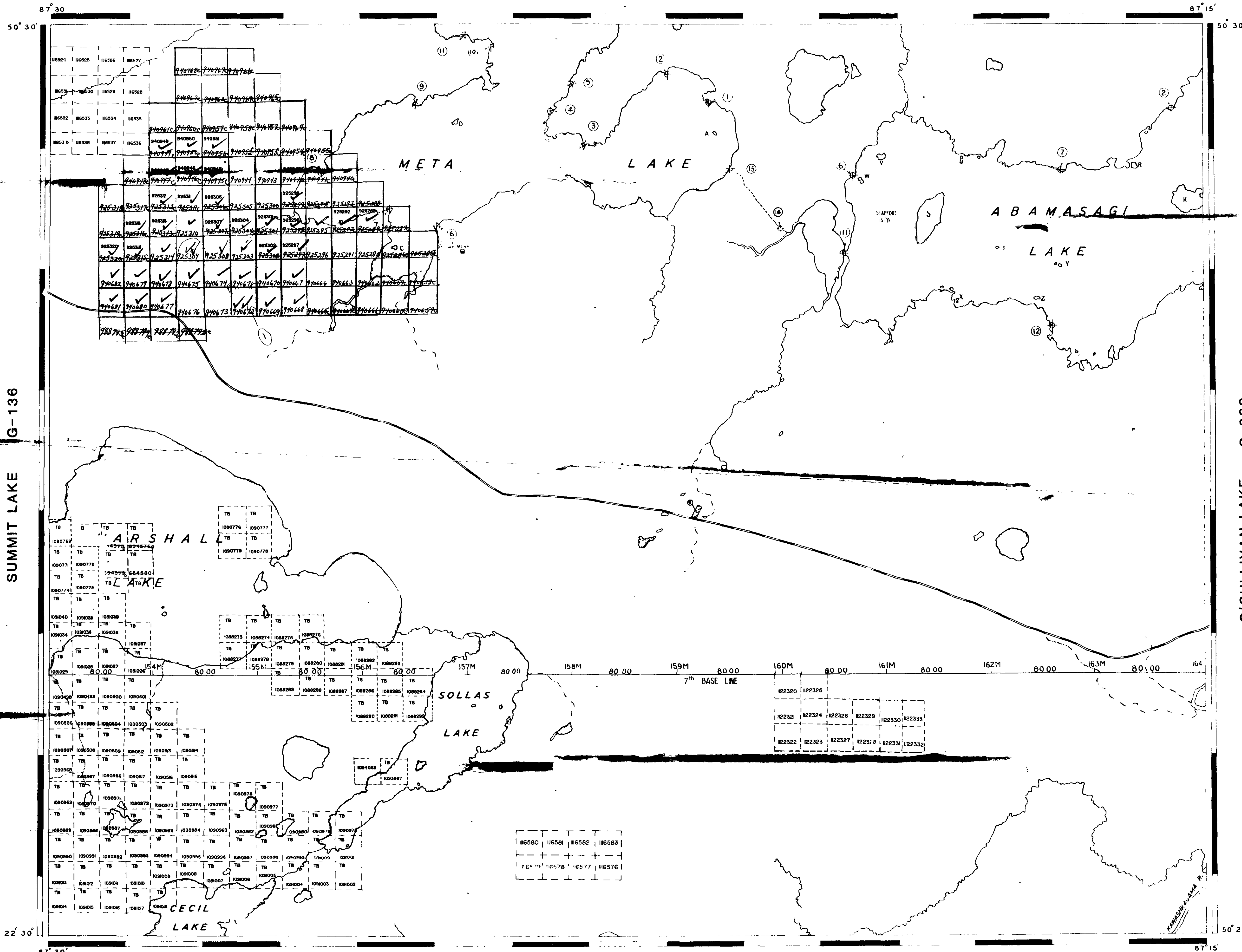
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work / operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

REFERENCE

SAND AND GRAVEL

① QUARRY PERMIT

ARA LAKE G-191



REFERENCE

LEGEND

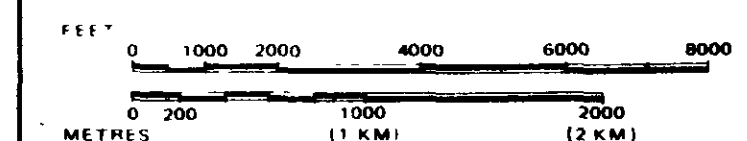
- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC.
- LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" SURFACE RIGHTS ONLY	○
" MINING RIGHTS ONLY	○
LEASE, SURFACE & MINING RIGHTS	■
" SURFACE RIGHTS ONLY	■
" MINING RIGHTS ONLY	■
LICENCE OF OCCUPATION	○
ORDER-IN-COUNCIL	OC
RESERVATION	○
CANCELLED	○
SAND & GRAVEL	○

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE 1 INCH = 40 CHAINS



AREA
SOLLAS LAKE
 MNR ADMINISTRATIVE DISTRICT
GERALDTON
 MINING DIVISION
THUNDER BAY
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources
 Land Management Branch
 Ontario
 Date: MAY 24, 1984
 Number: AUGUST 9, 1984

Date: JULY, 1981
 Number: G-403

504872