



42E11M9003 2.12383 COLTER

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MINGOLD RESOURCES INC.

PAINT LAKE PROJECT

**Report on Geology, Geochemistry,
Geophysics, Mechanical Stripping and
Diamond Drilling**

COLTER TOWNSHIP

THUNDER BAY MINING DIVISION, ONTARIO

NTS 42E/11

by

BRIAN NELSON

March 17, 1989

Thunder Bay, Ontario



42E11N70003 2.12383 COLTER

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1989

Table of Contents

MINING LANDS SECTION

	Page
1. Summary.....	1
2. Introduction.....	1
3. Location and Access.....	2
4. History.....	2
5. 1988 Exploration Program.....	4
6. Claim Data.....	5
7. Regional Geology.....	10
8. Property Geology.....	12
9. Geochemistry.....	13
10. Geophysics.....	13
11. Diamond Drilling.....	17
12. Conclusions	18
13. References.....	20
14. Qualifications.....	21

APPENDICES

- I Personnel and Man Days Statistics
- II Drill Data - logs, assays, sections
- III Analytical Results - Bondar Clegg & Co. Ltd.

LIST OF MAPS

Figure

1. Location Map.....3
2. Claim Map.....6
3. General Geology of Beardmore-Geraldton Belt..11
4. Geology, Gold Geo-chem and
Sample location Map.....pocket
5. March Minerals Geology and Geo-chem Map.....pocket

Geophysics Maps - Main Grid

- 6A Magnetic Survey.....pocket
- 6B VLF-EM Survey.....pocket
- 6C Horizontal Loop EM Survey.....pocket

March Minerals - Mini-grid Maps

- 7A Geology.....pocket
- 7B Magnetic Survey.....pocket
- 7C VLF-EM Survey.....pocket
- 7D Horizontal Loop EM Survey.....pocket

LIST OF TABLES

1. Claim Data.....7
2. 1988-89 Paint Lake Drilling.....19
3. Personnel and Man Days Statistics
June 09, 1988 - Dec. 31, 1988.....Appendix I
4. Personnel and Man Day Statistics
Jan. 1, 1989 - March 17, 1989.....Appendix I

1. Summary

From July 1988 to January 1989 Mingold Resources Inc. carried out a successive exploration program on the Paint Lake property in Colter Township near Jellicoe, Ontario. This program included linecutting, VLF-EM, horizontal loop EM and magnetic surveys, soil and rock geo-chem sampling, geological mapping, mechanical stripping and diamond drilling.

The property is comprised of 81 contiguous claims that straddle an east-west trending airborne EM anomaly. The rocks underlying the property are dominated by intermediate flows and volcanoclastics with minor inter-flow sediments. Outcrop exposure is minimal due to thick Quaternary deposits of boulder clay, gravel, sand and clay.

Upon completion of the summer and fall field programs, seven drill holes totalling 889.9 meters were drilled to test geophysical targets. The anomalies represented moderately pyritic to locally graphitic inter-flow sediments, pyrite stringer zones and sheared tuffaceous rocks. The best gold value obtained was 45 ppb/0.32 meters from a graphitic quartz vein.

2. Introduction

The Paint Lake property is located in the north central portion of the Beardmore-Geraldton sub-belt. It sits in a geologically similar position as the Metalore-Brookbank Deposit to the west and the past producing mines of Geraldton at the east end of the sub-belt. A good target horizon, assumed to be a major volcanic-sediment contact zone, traverses the property east-west and is virtually unexplored due to thick overburden cover. Mingold Resources Inc. optioned the property from Paint Lake Resources Inc. in 1988.

3. Location and Access

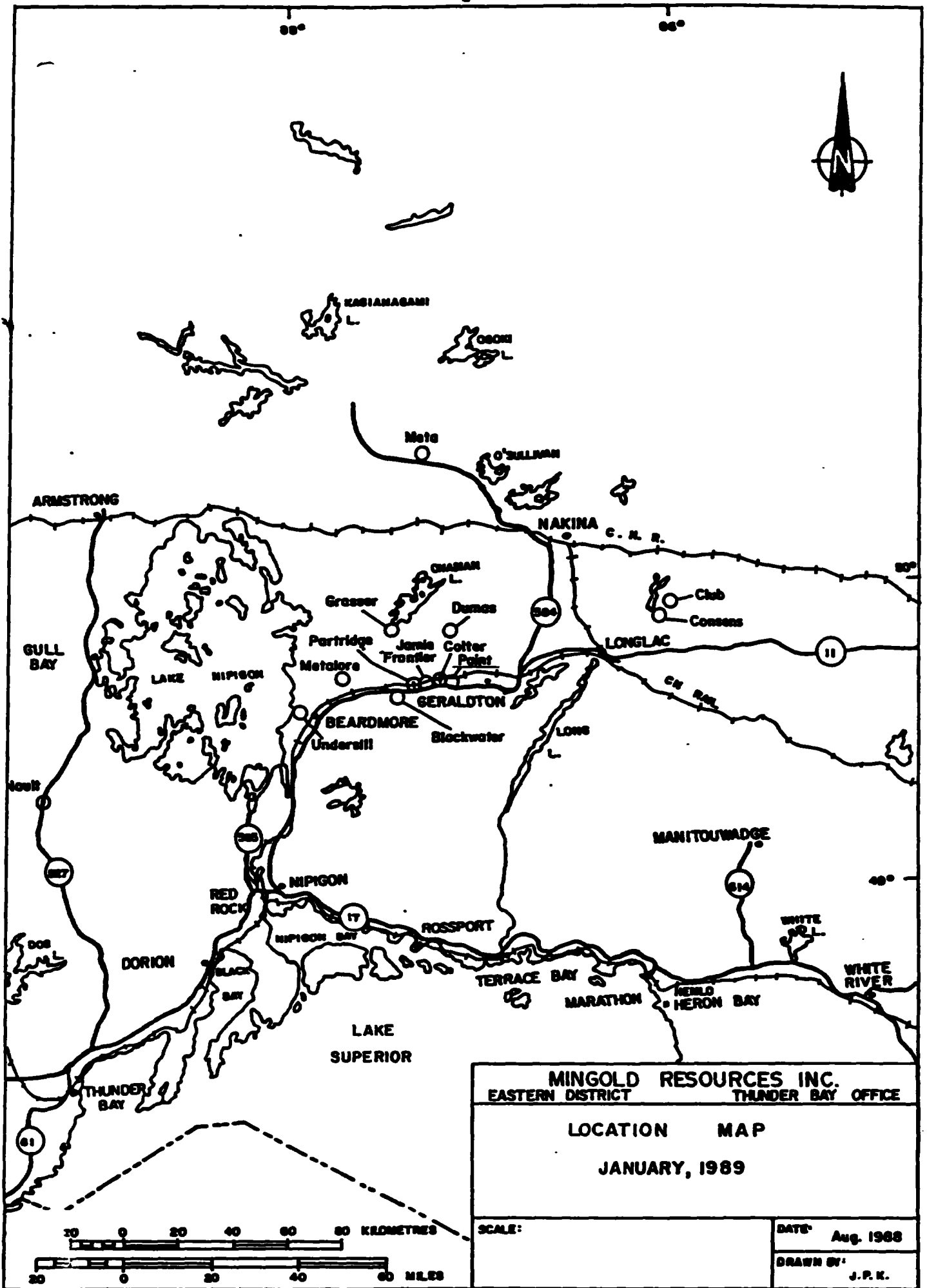
The property lies within the northern portion of Colter Township at 49° 44' latitude and 87° 16' longitude within NTS area 42E/11. It is located approximately 20 km east of the town of Jellicoe along Trans-Canada Highway 11B about 140 km north-east of the city of Thunder Bay, Ontario (see figure 1). Direct access is via a gravel road 100 meters east of a highway 11B bridge spanning the Sturgeon River. This gravel road heads north northeast for 5 km to Wildgoose Creek near the south central property boundary. Numerous bush roads branch east and west providing quite good ATV access to most of the property. Two ATV bridges and the CNR railroad tracks must be crossed to access the property. An alternate route is via the Kinghorn Rd. which heads north off Highway 11B about 8 km east of Jellicoe Ont. After travelling 8 km north along the Kinghorn Road a seasonal passable poor bush road heads east for 16 km to the west end of the property in the vicinity of the March Minerals trenches.

4. History

The Beardmore-Geraldton gold camp rates among the top five gold camps in the Canadian Shield with production of 4.12 million ounces of gold and 0.25 million ounces of silver (Mason, et al, 1986) over the past 50 years from 20 past producers. The larger of these include MacLeod-Cockshutt, Leitch, Little Long Lac, Consolidated Mosher, Hard Rock, Magnet Consolidated and Northern Empire Mines.

The greatest period of gold exploration (prior to the present) was in the 1930's and early 1940's when most of the producers were discovered and operated. The northern portion of Colter Township would appear to have not been extensively explored due to the extensive thick overburden cover.

In 1960 a previously trenched area north of Dumas Creek was drilled. Ten XRA drill holes totalling 760 feet intersected carbonated greenstone and altered quartz-feldspar-porphyry. A year later March Minerals Ltd. drilled 3 BQ holes totalling 1300 ft beneath the trenches and intersected andesite, intermediate tuffs to agglomerate and questionable conglomerate.



MINGOLD RESOURCES INC. EASTERN DISTRICT THUNDER BAY OFFICE	
LOCATION MAP	
JANUARY, 1989	
SCALE:	DATE: Aug. 1988
	DRAWN BY: J.P.K.

figure 1

In 1979, Hudson Bay Exploration and Development Co. Ltd. commissioned an airborne magnetic and electromagnetic (EM-30) survey over the area which included the present claim group.

In 1980 Dome Exploration carried out regional reconnaissance electromagnetic and magnetic surveys in the Geraldton area which delineated one conductor on the Paint Lake claim group. This EM anomaly was drilled. The hole intersected intermediate to felsic flows and calcareous-cherty-chloritic interflow sediments locally containing up to 15% pyrite plus pyrrhotite.

In 1986 Mid-North Engineering Services Ltd. contracted Questor Surveys Ltd. to complete a vertical gradient/total magnetic field and VLF-EM survey over the area.

In 1987 Mid-North Engineering Services Ltd. engaged Peter J. Vamos Consultants to map and sample the Dumas Creek-Arib Lake area of the property. This mapping program confirmed the extensive overburden cover with very minor outcropping of intermediate flows to tuffs and mafic intrusives.

5. 1988 Exploration Program

The field program began in mid - July with 19.7 km of linecutting contracted to Ray Koivisto of Jellicoe, Ontario. The grid can be subdivided into a mini-semi-detailed grid within the NW corner of the property covering the March Minerals trenching and drilling and a reconnaissance style grid straddling an EM conductor delineated by a HRED airborne survey in 1979. The mini-grid baseline (AZ -090°) is 1.2 km long with 6.6 km of 100 metre spaced N-S section lines. The main grid has offset baselines (AZ-090°) totalling 6.2 km and 5.6 km of 1.0 to 1.5 km spaced N-S section lines. All lines were chained and picketed at 25 metre intervals.

In August and early September VLF-EM and magnetic surveys together with geological mapping and soil sampling were completed over the grid. This was followed by a 8.8 km Max-Min survey contracted to Northwest Geophysics. Of the 8.8 km, 3.2 km was carried out over and adjacent to the trenched zone on the mini-grid and 5.6 km along the km spaced lines of the main grid.

During the first two weeks of October F & M Contracting of Beardmore stripped and trenched the March Mineral Occurrence. This was followed by Wajax washing, detailed geological mapping and channel sampling.

Seven holes totalling 889.9 metres were drilled by Northwest Geophysics between the first of December 1988 and mid-January 1989.

6. Claim Data

In 1988 Mingold Resources Inc. optioned 81 claims from Paint Lake Resources Inc. These claims lie within the northern portion of Colter Township claim map (G-477), Thunder Bay Mining Division, District of Thunder Bay, Ontario (see figure 2).

They are numbered as follows:

864399

864400

864591 to 864594 incl.

864596 to 864600 incl.

873894 to 873896 incl.

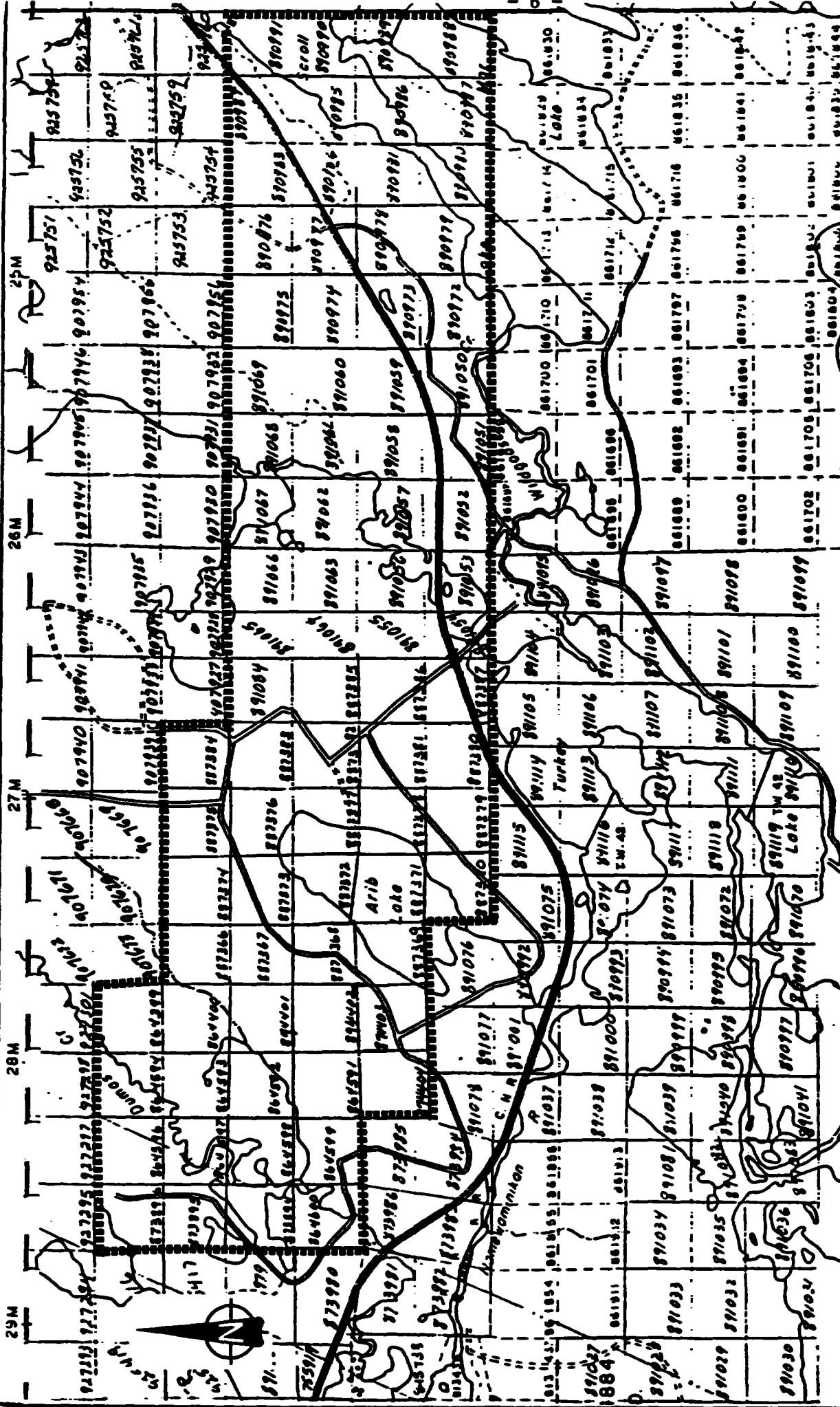
874401 to 874404 incl.

887366 to 887387 incl.

890972 to 890991 incl.

891050 to 891069 incl.

891084



MINGOLD RESOURCES INC.
 EASTERN DISTRICT
 COLTER TOWNSHIP
 CLAIM MAP
 (G-477)

NTS 42E/11
 SCALE: 0 1/2 miles
 DATE: FEB 1969
 DRAWN BY: S.A.B.

Date: April 5, 1969

Page 1 of 3

N.T.S. 428/11

Lat. 49° 44' Long 07° 17'

Property: **SALTY LAKE RESOURCES**

Mining District: Thunder Bay

Claim Map: Colton Top. (G-177)

CLAIM DATA

CLAIM NUMBER	STAKED		RECORDING DATE		TRANSFERRED		LUBRICITY CREDITS (min-days)					TOTAL CREDITS	EXPIRY DATES							
	BY	DATE	TO	DATE	Manual	DR	Mag	Geophy	Geol.	Geochem	Drill		Strly	Mechan.	Expend	20	40	60	80	100
						Max. 80	Max. 40	Max. 40	Max. 40	Max. 100	Max. 50	Max. 100	Max. 50	Max. 50	Max. 100	Max. 100	Max. 100	Max. 100	Max. 100	Max. 100
864359	G. L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864400	G. L. Nealey	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864521	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864592	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864593	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864594	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864596	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864597	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864598	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	36					2.5	139.3	X	X	X	X	X
864599	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
864600	G.L. Nealey	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
873894	G.L. Nealey	Mar. 24, 1966		Mar. 26, 1966		40	40	0.7	43					2.5	139.3	X	X	X	X	X
873895	G.L. Nealey	Mar. 24, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
873896	G.L. Nealey	Mar. 24, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
874401	G.L. Nealey	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
874402	G.L. Nealey	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
874403	G.L. Nealey	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
874404	G.L. Nealey	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
877366	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
877367	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
877368	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	33					2.5	139.3	X	X	X	X	X
877369	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	43					2.5	139.3	X	X	X	X	X
877370	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	30					2.5	139.3	X	X	X	X	X
877371	R. Rolivato	Mar. 25, 1966		Mar. 26, 1966		40	40	0.7	48					2.5	139.3	X	X	X	X	X
877372	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	48					2.5	139.3	X	X	X	X	X
877373	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	37					2.5	139.3	X	X	X	X	X
877374	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877375	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877376	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	37					2.5	139.3	X	X	X	X	X
877377	R. Rolivato	Mar. 22, 1966		Mar. 26, 1966		40	40	0.7	69					2.5	165.3	X	X	X	X	X
877378	R. Rolivato	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877379	R. Rolivato	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877380	R. Rolivato	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877381	R. Rolivato	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X
877382	R. Rolivato	Mar. 23, 1966		Mar. 26, 1966		40	40	0.7	32					2.5	139.3	X	X	X	X	X

Property: **PAINT LAKE RESOURCES**
 Mining District: **Thunder Bay**
 Claim Map: **Colter Twp. (G-171)**

MINGOLD RESOURCES INC.
CLAIM DATA

Date: **April 5, 1988**
 Page: **2 of 3**
 N.T.S. **428/11**
 Lat. **49° 44' Long 87° 17'**

CLAIM NUMBER	STAKED		RECORDED		TRANSFERRED		ALLOCATION CREDITS (min-days)					TOTAL CREDITS	EXPIRY DATES									
	BY	DATE	DATE	DATE	TO	DATE	Manual	EN	Map	Geophy	Geol.		Geochem	Drill	Strip	Mechan.	Expand	days	days	days	days	
							Max. 60	Max. 40	Max. 40	Max. 40	Max. 40	Max. 40	Max. 100	Max. 200	Max. 60	Max. 200	1987	1988	1989	1991	1992	
887383	R. Kolvato	Mar. 24, 1986	Mar. 26, 1986				40	40			23.1	0.7	32			2.5	136.3	X	X	X	X	X
887384	R. Kolvato	Mar. 24, 1986	Mar. 26, 1986				40	40			23.1	0.7	32			2.5	136.3	X	X	X	X	X
887385	R. Kolvato	Mar. 24, 1986	Mar. 26, 1986				40	40			23.1	0.7	32			2.5	136.3	X	X	X	X	X
887386	R. Kolvato	Mar. 24, 1986	Mar. 26, 1986				40	40			23.1	0.7	32			2.5	136.3	X	X	X	X	X
887387	R. Kolvato	Mar. 24, 1986	Mar. 26, 1986				40	40			23.1	0.7	32			2.5	136.3	X	X	X	X	X
890972	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890973	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890974	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890975	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890976	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890977	G.J. Gagne	Apr. 3, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890978	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890979	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890980	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890981	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890982	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890983	G.J. Gagne	Apr. 4, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890984	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890985	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890986	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890987	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890988	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
890989	G.J. Gagne	Apr. 5, 1986	Apr. 11, 1986				40	40			3.1	0.7	33		19	2.5	130.3	X	X	X	X	X
890990	G.J. Gagne	Apr. 6, 1986	Apr. 11, 1986				40	40			3.1	0.7	20		3	2.5	130.3	X	X	X	X	X
890991	G.J. Gagne	Apr. 6, 1986	Apr. 11, 1986				40	40			3.1	0.7	20		32	2.5	130.3	X	X	X	X	X
891050	Leon Gagnon	Apr. 1, 1986	Apr. 11, 1986				40	40			3.1	0.7	20			2.5	130.3	X	X	X	X	X
891051	Leon Gagnon	Apr. 1, 1986	Apr. 11, 1986				40	40			3.1	0.7	20			2.5	130.3	X	X	X	X	X
891052	Leon Gagnon	Apr. 1, 1986	Apr. 11, 1986				40	40			3.1	0.7	20			2.5	130.3	X	X	X	X	X
891053	Leon Gagnon	Apr. 1, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891054	Leon Gagnon	Apr. 1, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891055	Leon Gagnon	Apr. 2, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891056	Leon Gagnon	Apr. 2, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891057	Leon Gagnon	Apr. 2, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891058	Leon Gagnon	Apr. 2, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X
891059	Leon Gagnon	Apr. 2, 1986	Apr. 11, 1986				40	40			3.1	0.7	52			2.5	130.3	X	X	X	X	X

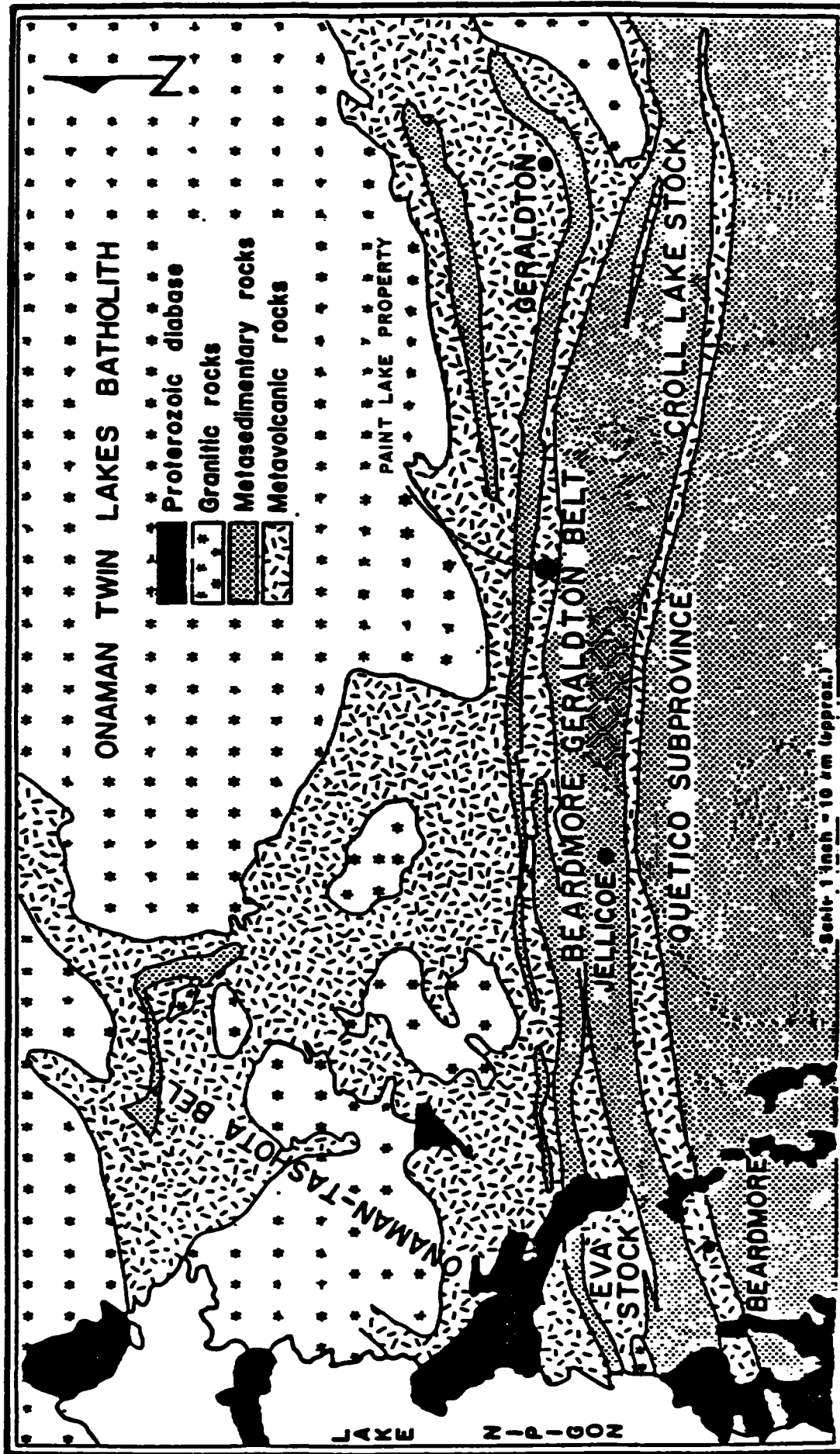
7. Regional Geology

The Beardmore-Geraldton sub-belt is situated within an east-west trending isoclinally folded metavolcanic-metasedimentary sequence within the Wabigoon sub-province of the Superior province of the Canadian Shield. The north boundary of the Beardmore-Geraldton sub-belt is defined by the Paint Lake Fault with the Onaman-Tashota metavolcanic belt to the north. To the south it is bounded by the Quetico sub-province although the precise location of this southerly contact is debatable (see figure 3).

The Beardmore-Geraldton sub-belt consists of an east-west trending interbedded sequence of conglomerate, greywacke, argillite and iron formation which is interlayered with metavolcanics. Lithologic units have been transposed into a series of alternating slices of metavolcanics and metasediments within a wrench or mega-shear zone (Mason & White, 86). This broad band of metavolcanics and metasediments stretching from Lake Nipigon 110 km east to Longlac has been invaded by gabbroic, granitic and quartz porphyritic sills, dykes and stocks. Metamorphic grade is at greenschist facies. Thick deposits of till, sand, gravel and clay extensively cover the belt.

Over 94% of the gold produced from the Beardmore-Geraldton camp is spatially related to folded iron formation and occurs in veins, breccias and shear zones hosted in metasediments, intrusive rocks and metavolcanics.

Oxide facies banded iron formation interlayered with clastic rocks occur sporadically in the Beardmore-Geraldton greenstone belt. Polyphase deformation is a major factor in determining the location of economic deposits. Replacement sulphides in iron formation also contain gold; however, no primary auriferous sulphide facies iron formation have been located.



after Pye et al, 1966

A generalized geological map of the Beardmore-Geraldton

FIG. 3

8. Property Geology

The property is extensively covered by overburden, less than 1% outcrop. Rare exceptions include: outcropping associated with the March Minerals trenching, minor exposure along the west claim boundary and one small knoll of intermediate to mafic flow rocks in the eastern central portion of the claim block (see figures 4 and 7A).

With the exclusion of outcropping in the vicinity of the March Minerals trenches and gabbro-diorite intrusives along the road just west of the westerly claim boundary all outcrop exposures are intermediate to mafic flow rocks. No surface exposures of sedimentary rocks were observed.

Excellent washed exposures local to the March Minerals trenching reveal a sequence of alternating intermediate to felsic agglomerate beds and intermediate (andesitic) flows with minor feldspar porphyritic tuff (see figure 5). The agglomerate beds consist of 40 to 60% flattened to sub-rounded grey felsic lapilli suspended in a fine grained intermediate ash. Within these fragmental units local shearing has caused an intense planar fabric striking 080° and vertically dipping. These 1 to 5 meter scale shear zones are strongly altered to chlorite and iron carbonate +/- sericite. Pyritization is confined to narrow sub-zones within these shears. Pyrite mineralization occurs as fine to medium grained disseminations, local sub-concordant stringers and nodules up to 2 cm. in diameter. The pyroclastic beds contain very minor quartz veining. Massive fine-grained andesitic flow rocks are cut by blotchy discontinuous quartz-carbonate veining lacking sulphide mineralization. Local geological contacts vary from 070° to 090°. The feldspar porphyritic tuff contains 25% 2mm scale feldspar crystals, 20% to locally 50% felsic fragments and 15% intermediate to mafic fragments. Fragments have been weakly to moderately flattened parallel to local shearing.

Diamond drilling verified the preponderance of intermediate volcanic flow rocks with cherty-argillitic-pyritic sediments to ash tuffs common at flow contacts. There is a lack of classic coarser grained sediments typical of the Geraldton-Beardmore sub-belt.

9. Geochemistry

A total of 40 soil samples, 14 litho grab samples and 44 channel samples were collected and analyzed for Au, Ag, As, Cu, Zn and Pb (see appendix III). Soil (till) sampling was very restricted due to the extensive thick exotic sand and gravel overburden cover. Soil sampling was confined to three main areas: 1) March Minerals trenches and outcropping, 2) proximal to outcropping on L60E south of BL20N and 3) ten 50 meter spaced samples along L40E (see figures 4 and 5). Litho grab samples were taken from all rock exposures exhibiting quartz veining, mineralization or alteration. The March Mineral occurrence and Dumas Creek stripping was extensively channel sampled (see figure 5). Channel sampling concentrated on quartz veining, chlorite-carbonate shear zones and pyritic zones. Only a few soil samples contained more than background gold, the best assay being 9 ppb Au. Only two of the litho grabs ran more than 5ppb Au, these samples carried 6 and 16 ppb Au. The best channel sample assayed 18 ppb Au. Essentially all surface geo-chem samples lacked gold mineralization.

10. Geophysics

The three geophysical surveys can each be sub-divided into 2 sub-surveys. They are: 1) a semi-detailed survey over the 100 meter spaced mini-grid covering the March Minerals occurrence in the northwest corner of the property and 2) a reconnaissance style survey over the 1.0 to 1.5 kilometre space section lines covering the remainder of the property.

Magnetic Survey

The magnetic data was obtained with a Geometrics G-816 proton magnetometer. Diurnal corrections were made by looping to baseline stations. A magnetic survey totalling 19.6 kilometers was completed with readings taken every 25 meters along all section and baselines.

Three isolated 200 to 400 gamma bullseye magnetic anomalies occur on the March Minerals mini-grid. None of these anomalies are related to the March Minerals occurrence (see figure 7b).

On the main grid 300 to 400 gamma magnetic highs on lines 40E and 50E correspond to weakly magnetic banded sediments. The increased magnetic signature over the southern half of L30E is either 1) the reflection of an increased weakly magnetic sediment-tuffaceous component within the volcanic flow rocks or 2) related to the gabbro-diorite intrusives exposed just to the west. The magnetic anomalies at the southerly ends of lines 60E and 85E likely represent weak magnetite iron formation (see figure 6A).

VLF-EM

An in-house VLF survey totalling 12.2 km was completed over the property. The survey attempted to more precisely delineate the axis of the 1979 HBED airborne EM-30 anomalies. Some problems were encountered in locating the airborne conductor due to thick overburden cover.

A Geonics EM-16 VLF instrument was used to conduct the survey. Readings were taken along all section lines at 25 metre spacing. Station NAA at Culter Maine (freq. 17.8 Khz) was used, with the operator facing north.

The EM-16 receives communication signals from powerful military transmitters which operate in the 15 to 25 Khz band. Two orthogonally mounted coils serve as the handle to the instrument, which is basically a sensitive radio receiver. The transmitter generates a horizontal magnetic field component which interacts with conductive material to generate a secondary field. After the receiver is oriented parallel with the primary field, the unit is tilted until a minimum sound level is detected. Adjustment of the quadrature controls allows nulling of the instrument.

The quadrature signal is shifted in phase by 90° and connected in series with the vertical field coil. The inphase component is expressed as a percentage of tilt and it is read from a clinometer attached to the instrument. The quadrature component is read from the quadrature dial.

The VLF-EM results on the Paint Lake property outlined numerous VLF conductors. The majority of which are related to the HBED airborne survey (see figure 6B). Anomalies not associated with the airborne conductor include 1) a moderate VLF response on line 30E, south of the airborne anomaly, 2) two conductors along the extension L60E north of the property boundary and 3) a couple of weak one line conductors on the March Minerals mini grid (see figure 7C). The VLF anomalies drilled turned out to be pyritized to locally graphitic interflow sediments or sheared volcanoclastics. The nature of conductors not investigated are most likely similar to those that were drilled.

Horizontal Loop-EM Survey

A Max-Min I instrument was used to conduct this EM survey. The coil spacing was 100 metres and two frequencies were read (440 and 1760 Hz.). A total of 8.8 km was surveyed along section lines and readings were taken every 25 meters.

Method and Interpretation of Results - Electromagnetic Survey

Operating Principle: When an electrical conductor is subjected to a primary alternating field, a secondary current is induced in the conductor. This current produces a secondary alternating field which together with the primary field produces a resultant field of different amplitude and phase from the applied primary field. These differences may indicate the presence of a conductor.

Operation: The battery-powered transmitter sets up a primary field while the in-phase and out-of-phase (quadrature) components of the complex secondary vertical field are detected by a receiving coil and measured by means of a compensator-amplifier unit located a fixed distance from the transmitter unit. These parameters are expressed in percentage of the primary field.

Conductor Recognition: The typical curve over a steeply-dipping conductor shows a low (negative-greater than 5%) over the centre of the conductor, flanked by positive readings on both sides of the conductor. Both the in-phase and out-of-phase components usually produce the same general shape of curve. An asymmetrical curve may indicate one or more of the following conditions: (1) more than one conductor (2) variable conductive overburden (3) a shallow dipping conductor.

Conductivity Determination: The ratio of the amplitudes of the two measured components, in-phase to out-of-phase, is directly proportional to the conductivity of the conductor, in areas of non-conductive overburden.

Conductor Location: For a single conductor, both component readings are normally zero when either the transmitting or receiving coil is directly above the conductor. The location of the conductor is calculated by adding one-half the distance between the transmitting coil and the receiving coil (coil interval) to the co-ordinate at which the readings are zero. A unique solution is generally not possible in the case of multiple conductors spaced less than one coil interval apart. This results in the possibility that an apparently wide conductor may actually consist of two or more narrow conductors.

Depth of Penetration: The maximum depth of penetration for detection of a steeply-dipping conductor in a geo-electrically neutral background is about 0.7 times the coil interval. Over horizontal or flatly-dipping conductors, penetration of up to 1.5 times the coil interval is possible.

The Horizontal Loop survey defined numerous conductors related to the HBED airborne survey (see figure 6C). Some were coincident with VLF anomalies while others had no VLF response which is likely due to the masking affects of thick overburden. The Max-Min survey was unresponsive over the March Minerals mini-grid (see figure 7D). Drilling explained the Max-Min anomalies as pyritic to locally graphitic inter-flow sediments or pyritic stringer zones within intermediate flows.

11. Diamond Drilling

Seven holes totalling 889.9 metres were drilled between early December 1988 and mid January 1989 (see figure 4 and table 2). For logs, assay results, and sections of drill holes see appendix II.

PL - 1 - tested a moderately strong Max-Min anomaly. It intersected massive to brecciated to sheared intermediate volcanics and minor inter-flow sediments. The anomaly was caused by pyritic zones (up to 25% py/10cm) within sheared tuffs or inter-flow sediments. Minor graphitic quartz veining was associated with the conductor axis. The best assay was 45 ppb Au/0.32 metres from quartz-graphite veining in sheared volcanics.

PL - 2 - drilled a moderate Max-Min anomaly. It intersected intermediate flows, lapilli tuff, and a 10 metre wide zone of inter-flow sediment containing moderate magnetite (lean magnetite iron formation). The HLEM anomaly is coincident with the above mentioned banded sediment unit. The volcanic flow uphole from the banded zone contained 3 to 5% pyrite stringers. The best assay was 8 ppb Au/1.2 meters from the inter-flow sediment.

PL - 3 - tested coincident VLF and Max-Min anomalies. It intersected intermediate flows containing minor quartz veining and minor inter-flow sediment. The anomalies correspond to a flow-flow contact zone. The best assay of 19 ppb Au/0.33 metres came from a weakly magnetic inter-flow sediment.

PL - 4 - drilled coincident weak VLF and moderate Max-Min anomalies. It intersected a sequence of fine grained to coarse grained pyroclastics and flows. The anomalies appear related to a sheared tuffaceous unit. Locally the flow rocks contain up to 25% pyrite plus pyrrhotite. The best assay was 12 ppb Au/1.2 metres from a pseudo brecciated intermediate flow.

PL - 5 - drilled a VLF conductor. It intersected an alternating sequence of 5 to 10 metre scale flows and 1 to 3 metre thick inter-flow sediments. The VLF axis corresponds to a weakly pyritic inter-flow sediment. The best assay was 8 ppb Au/1.2 metres.

PL - 6A - attempted to drill a broad Max-Min anomaly. The casing broke in thick overburden and the hole had to be abandoned at a depth of 39.6 metres.

PL - 6 - tested a broad Max-Min anomaly. It intersected mainly intermediate volcanics including a 20 metre thick inter-flow sedimentary sequence containing 3 to locally 20% pyrite plus local graphite. Overall the volcanics contain 2 to 5% pyrite with local concentrations up to 25%. The broad Max-Min anomaly reflects this pervasive pyrite mineralization. The best assay was 7 ppb Au/1.5 metres within the inter-flow sediments.

PL - 7 - tested semi-coincident Max-Min and VLF anomalies. It intersected interbedded agglomerate and ash tuff (argillite?). The anomalies correspond to pyritic or graphitic sub-zones with the tuffaceous sediment. The best assay was 7 ppb Au/3.3 metres.

12. Conclusions

The results from the 1988-89 field programs were disappointing. Diamond drilling explained the Max-Min and VLF anomalies as either pyritic to weakly graphitic inter-flow sediment or pyritic stringer zones within intermediate flows. Extensive drill core sampling and channel sampling rarely yielded gold values greater than 5 ppb.

The geophysical anomalies located by the HBED airborne EM survey and subsequently more precisely delineated by ground VLF and Max-Min did not correspond to a significant sediment-volcanic contact similar to that associated with the Brookbank deposit but instead represented narrow pyritic inter-flow tuffaceous sediment beds. No alteration indicative to gold mineralization (ie - silicification) was observed. At this time no further work is recommended on the Paint Lake property.

1988 UNDERBILL DRILLING

Hole	Easting	Northing	Azimuth	Dip	Length (m)	Purpose	Comments
PL -1	85+00E	18+15N	175°	-55°	130.6m	To test Max-Min anomaly.	-predominantly intermediate volcanics & minor inter-flow sediments -best assay 45 ppb Au/0.32m
PL -2	50+00E	20+60N	180°	-55°	124.7m	To test Max-Min anomaly	-intersected thick sections of intermediate flow containing 3-5% Py stringers, HEM coincident with banded lean mgt IP (inter-flow sed)
PL -3	40+00E	19+70N	180°	-55°	113.7m	To test coincident VLP and weak Max-Min anomalies	-anomalies reflect flow-flow contact zone, up to 3% pyrite and pyrrhotite -best assay 19 ppb Au/0.33m
PL -4	30+00E	23+60N	180°	-55°	115.2m	To test coincident Max-Min and weak VLP anomalies	-intersected sequence of ash tuff beds to agglomerate -best assay 12 ppb Au/1.6m
PL -5	30+00E	18+40N	180°	-55°	115.2m	To test VLP anomaly	-intersected alternating intermediate flow & inter flow sediment -best assay 8 ppb Au/1.2m
PL -6A	60+00E	21+20N	180°	-51°	39.6m	To test broad Max-Min anomaly	-casing broke in deep overburden - hole not completed
PL -6	60+00E	21+20N	180°	-55°	157.9m	To test broad Max-Min anomaly	-intersected intermediate flows and interflow seds, locally graphitic -best assay 7 ppb Au/1.5m
PL -7	70+00E	19+80N	180°	-55°	93.0m	To test semi-coincident Max-Min and VLP anomalies	-intersected interbedded agglomerate and ash tuff locally up to 25% pyrite weak graphite -best assay 7 ppb Au/3.3m

TOTAL = 869.9 meters

Table 2

13. References

DOME EXPLORATION

1980

Assessment Report (Electromagnetic and Magnetic Surveys, Diamond Drilling) Colter and Legault Townships, June, 1980 (unpublished)

JAMAL W.

1979

Airborne Geophysical Survey (EM-30-Mark III, G-803-Magnetometer) Plate IM, Area 79V, Hudson Bay Exploration and Development Co. Ltd., Geraldton Area, Ontario (unpublished)

LOVE, W.D.

1982

Partridge Lake Area, Thunder Bay District; Ontario Geological Survey Map P. 2528, Thunder Bay Data Series - Preliminary Map.

MACKASSEY, W.D. et al

1976

Colter Township, District of Thunder Bay; Ontario Division Mines, Preliminary Map P. 1192, Geological Series.

MASON, J. K. et al

1986

Gold Occurrences, Prospects and Deposits of the Beardmore-Geraldton Area, Districts of Thunder Bay and Cochrane; Ontario Geological Survey, Open File Report 5630

PAGE, E. G. et al

1966

Tashota-Geraldton Sheet, Ontario Dept. of Mines, Geological Compilation Series Map 2102

QUESTOR SURVEY

1986

Logistic Report (Vertical Gradient/Total Magnetic Field and VLF-EM Survey) Project No. 28G27, Mid North Engineering Series Ltd., Legault-Colter Townships Area, Ontario (unpublished)

14. Qualifications

BRIAN NELSON

Residence: 372 N. Algoma Street,
Thunder Bay, Ontario
P7A 5B6

Education: H BSc. Geology
Lakehead University 1984

Experience: 1984-1987 Corporation Falconbridge
Copper (Minnova) Inc.

1987- Matt Berry Mines Ltd.

1988- First General Mine Management
and Gold Corporation

1988-1989 Mingold Resources Inc.

Brian Nelson supervised the 1988-89 program on the Paint Lake property and is the author of this report.

APPENDIX I

PERSONNEL AND MAN DAYS STATISTICS

TABLE 3

**Personnel Addresses and Man-days worked for Period
June 9 to December 31, 1988**

<u>Name</u>	<u>Address</u>	<u>Man-Days</u>	<u>Period</u>
<u>Project Supervisor</u>			
Gerald Bidwell	430 Cartier Court Thunder Bay, Ont. P7E 6A9	10	June 9 - Dec. 31, 1988
<u>Geological Mapping</u>			
Brian Nelson	372 N. Algoma Street Thunder Bay, Ont. P7A 5B6	28	Aug. 4 - Oct. 7, 1988
<u>Geo-chem Sampling</u>			
Brian Nelson	(as above)	4	Aug. 6 - Sept. 8, 1988
<u>VLF-EM Survey</u>			
Brian Nelson	(as above)	2	June 13 - June 14, 1988
<u>Drill Planning & Reports</u>			
Brian Nelson	(as above)	6	Oct. 31 - Nov. 9, 1988
<u>Drill Supervision & Core Logging</u>			
Brian Nelson	(as above)	12	Nov. 26 - Dec. 17, 1988
<u>VLF - EM Survey</u>			
Linford Ulett	141 Cedric Avenue Toronto, Ontario M6C 3X7	2	Aug. 10 - Aug. 11, 1988

TABLE 3

<u>Name</u>	<u>Address</u>	<u>Man-Days</u>	<u>Period</u>
<u>Magnetic Survey</u>			
Dennis Cormack	652 Churchill Drive Thunder Bay, Ont. P7C 5K6	2	Aug. 10 - Aug. 11, 1988
Robert Spicer	Beardmore, Ontario P0T 1G0	5	Sept. 6 - Sept. 15, 1988
<u>Mechanical Stripping</u>			
F & M Contracting	P.O. Box 123 Beardmore, Ont. P0T 1G0	14	Sept. 26 - Oct. 6, 1988
<u>Hydraulic Stripping and Channel Sampling</u>			
Jody Parker	Apt. 4-139 Cameron St. Pass Lake, Ont. P0T 1M0	18	March 10 - April 10, 1988
<u>Horizontal Loop EM</u>			
Northwest Geophysics	Box 3263 Thunder Bay, Ontario P7B 5E8	4	Oct. 10 - Oct. 14, 1988
<u>Drafting</u>			
Steve Vass	5708 Mapleward Rd., R. R. #11 Thunder Bay, Ontario P7B 5E2	7	Oct. 24 - Dec. 15, 1988

Note:

added to report July 190 from DMSS-4-C-184.
because of change in Jody Parker's information (see below).

Page 2 of 3

TABLE 3

<u>Name</u>	<u>Address</u>	<u>Man-Days</u>	<u>Period</u>
<u>Magnetic Survey</u>			
Dennis Cormack	652 Churchill Drive Thunder Bay, Ont. P7C 5K6	2	Aug. 10 - Aug. 11, 1988
Robert Spicer	Beardmore, Ontario P0T 1G0	5	Sept. 6 - Sept. 15, 1988
<u>Mechanical Stripping</u>			
F & M Contracting	P.O. Box 123 Beardmore, Ont. P0T 1G0	14	Sept. 26 - Oct. 6, 1988
<u>Hydraulic Stripping and Channel Sampling</u>			
Jody Parker	Apt. 4-139 Cameron St. Thunder Bay, Ontario P0T 1M0	18	Sept. 26 - Oct. 13, 1988
<u>Horizontal Loop EM</u>			
Northwest Geophysics	Box 3263 Thunder Bay, Ontario P7B 5E8	4	Oct. 10 - Oct. 14, 1988
<u>Drafting</u>			
Steve Vass	5708 Mapleward Rd., R. R. #11 Thunder Bay, Ontario P7B 5E2	7	Oct. 24 - Dec. 15, 1988

TABLE 3

<u>Name</u>	<u>Address</u>	<u>Man-Days</u>	<u>Period</u>
<u>Plowing & Bridge Construction</u>			
F & M Contracting	P.O. Box 123 Beardmore, Ontario POT 1G0	8	Nov. 26 - Dec. 3, 1988
<u>Core Splitting</u>			
Tony Pirez	Highway 11 Jellicoe, Ontario POT 1V0	5	Dec. 13 - Dec. 17, 1988
<u>Drilling</u>			
Northwest Geophysics	Box 3263 Thunder Bay, Ontario P7B 5E8	110	Nov. 28 - Dec. 18, 1988
	- total of 599.4 meters in 4 holes		
<u>Linecutting</u>			
Ray Koivisto	Jellicoe, Ontario POT 1V0 P7C 5K6	25	July 28 - Sept. 7, 1988

TABLE 4

**Personnel Addresses and Man-days worked for Period
Jan. 1, 1989 to March 17, 1989**

<u>Name</u>	<u>Address</u>	<u>Man-Days</u>	<u>Period</u>
<u>Drill Supervision & Core Logging</u>			
Brian Nelson	372 N. Algoma Street Thunder Bay, Ontario P7A 5B60T 1G0	8	Jan. 9, - Jan. 19, 1989
<u>Core Splitting</u>			
Tony Pirez	Highway 11 Jellicoe, Ontario P0T 1V0	3	Jan. 18 - Jan. 20, 1989
<u>Drilling</u>			
Northwest Geophysics	Box 3263 Thunder Bay, Ontario P7B 5R8	60	Jan. 9 - Jan. 20, 1989
- total of 290.5 meters in 3 holes			
<u>Final Report</u>			
Brian Nelson	as above	17	Jan. 12 - March 16, 1989
<u>Drafting</u>			
Sandra Beauchamp	490 River Street, Apt.2 Thunder Bay, Ontario P7A 3R8	12	Jan. 23 - March 16, 1989
<u>Data Input</u>			
Peggy Bidwell	430 Cartier Court Thunder Bay, Ontario P7E 6A9	9	Jan. 23 - March 16, 1989

APPENDIX III

ANALYTICAL RESULTS - BONDAR CLEGG & CO. LTD.

REPORT: 008-52412.0

PROJECT: 252

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Pb PPM	As PPM	Au PPB	Au Res PPB
PL-2200		3	12	6	<2	<5	
PL-2201		6	15	6	5	<5	
PL-2202		3	11	5	2	<5	
PL-2203		4	12	5	2	<5	
PL-2204		1	8	3	<2	<5	
PL-2205		4	15	8	<2	<5	
PL-2206		11	14	8	16	<5	
PL-2207		1	2	4	<2	<5	
PL 1685		3	10	6	7	<5	
PL 1686		2	8	5	2	<5	
PL 1687		6	13	5	2	<5	
PL 1688		4	9	5	2	6	
PL 1689		2	10	3	3	<5	
PL 1690		9	12	6	<2	<5	
PL 1691		2	7	4	2	<5	
PL 1692		6	18	6	2	<5	
PL 1693		4	10	5	2	<5	
PL 1694		2	10	6	<2	<5	
PL 1695		1	8	4	9	<5	
PL 1696		3	13	7	3	<5	
PL 1697		7	16	7	3	<5	<i>Part Lake</i>
PL 1698		1	4	5	<2	<5	
PL 1699		3	12	6	8	<5	

REPORT: 088-53046.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPR	Zn PPR	Ag PPR	Pb PPR	As PPR	Au PPB
PL 2176		14	11	<0.1	6	6	<5
PL 2177		3	7	<0.1	5	3	<5
PL 2178		5	10	<0.1	5	2	<5
PL 2179		3	9	<0.1	5	7	5
PL 2180		4	10	<0.1	7	4	9
PL 2165		3	16	<0.1	5	2	<5
PL 2:67		3	15	<0.1	7	<2	<5
PL 2168		2	13	<0.1	5	2	<5
PL 2169		2	10	<0.1	4	<2	<5
PL 2:70		1	12	<0.1	5	2	<5
PL 2:71		3	21	<0.1	7	3	<5
PL 2:72		5	16	<0.1	7	4	<5
PL 2:73		5	17	<0.1	6	3	<5
PL 2:74		3	18	<0.1	6	2	7
PL 2:75		4	12	<0.1	4	2	<5
PL-2268		3	5	<0.1	5	2	<5
PL-2239		3	9	<0.1	5	2	<5

Paint L.

REPORT: 000-53047.0

PROJECT: R7PE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM
62439		5	10	0.2	<2	<2	<5
62440		140	75	0.2	4	<2	<5
62441		88	77	0.1	<2	<2	<5
62442		139	98	<0.1	<2	5	16
PL 62426		17	10		<2	17	<5
PL 62427		25	48		4	7	<5
PL 62428		15	59		5	6	<5
PL 62429		11	33		6	17	<5
PL 62430		9	13		6	7	<5
62431		8	12	<0.1	<2	<2	6
62432		128	31	<0.1	2	<2	<5
62433		147	84	<0.1	6	<2	5
62434		113	73	<0.1	<2	<2	<5
62443							<5

PRINT L.

REPORT: 088-53303.0

PROJECT: N.J.C.

PAGE: 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM
62444		50	34	0.2	3	3	<5
62445		262	30	0.2	2	<2	<5
62446		16	44	<0.1	2	<2	7
62447		94	83	<0.1	4	<2	<5
62448		66	60	<0.1	2	<2	<5
62449		53	31	<0.1	3	<2	<5
62450		18	47	<0.1	7	103	<5
62451		46	78	0.2	14	44	<5
62452		36	80	<0.1	10	35	9
62453		17	58	<0.1	14	64	<5
62454		20	54	<0.1	12	29	5
62455		30	77	<0.1	5	6	<5
62456		19	65	<0.1	4	3	<5
62457		27	66	<0.1	6	12	<5
62458		17	75	<0.1	6	9	<5
62459		16	54	<0.1	7	33	<5
62460		32	81	<0.1	5	13	<5
62461		36	36	<0.1	11	23	<5
62462		18	75	<0.1	6	11	<5
62463		24	57	<0.1	2	<2	5
62464		29	42	<0.1	2	3	<5
62465		15	42	<0.1	<2	2	<5
62466		44	36	<0.1	2	3	<5
62467		11	27	0.1	2	<2	<5
62468		124	24	<0.1	2	2	<5
62469		12	40	<0.1	2	3	<5
62470		16	55	<0.1	3	<2	<5
62471		3	31	<0.1	3	<2	18
62472		23	43	<0.1	2	<2	<5
62473		17	57	<0.1	3	<2	<5
62474		21	42	<0.1	4	27	<5
62475		11	62	<0.1	3	15	<5
62476		66	61	<0.1	4	16	<5
62477		56	70	<0.1	2	64	<5
62478		36	69	<0.1	10	43	<5
62479		39	76	<0.1	10	34	<5
62480		8	30	<0.1	5	167	<5
62481		17	71	<0.1	7	19	<5
62482		33	36	<0.1	3	9	<5
62483		54	17	<0.1	<2	6	<5
62484		65	21	<0.1	<2	5	<5
62485		6	9	<0.1	2	<2	<5
62486		80	41	<0.1	3	7	<5
62487		77	70	<0.1	3	10	<5

PAINT L.

REPORT: 088-54261.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM
60401		75	111	0.1	4	4	<5
60402		200	390	0.2	11	2	6
60403		124	160	0.2	8	14	<5
60404		62	196	0.1	6	<2	<5
60405		165	1560	0.2	14	3	11
60406		196	1375	0.4	15	<2	<5
60407		133	349	0.1	10	7	<5
60408		20	35	<0.1	3	3	<5
60409		12	39	<0.1	<2	4	<5
60410		64	119	<0.1	3	45	<5
60411		74	345	<0.1	16	131	45
60412		88	272	0.1	4	54	<5
60413		77	150	0.1	5	42	<5
60414		72	92	0.1	4	34	<5
60415		76	143	0.1	5	29	<5
60416		114	130	<0.1	6	27	<5
60417		83	108	<0.1	2	31	<5
60418		95	93	<0.1	3	45	<5
60419		86	163	<0.1	4	42	<5
60420		57	335	0.1	15	24	6
60421		42	137	<0.1	5	33	<5
60422		112	280	0.4	23	32	12
60423		93	317	0.2	9	74	<5
60424		91	339	0.1	9	53	<5
60425		92	493	0.1	13	64	6
60426		40	163	<0.1	6	39	5
60427		68	59	0.4	20	10	6
60428		59	62	0.4	14	11	<5
60429		47	159	0.2	7	21	<5
60430		48	98	<0.1	4	41	<5
60431		47	59	0.3	13	5	5
60432		23	55	0.1	9	3	<5
60433		50	195	0.2	7	29	<5
60434		96	258	0.2	14	6	<5
60435		42	45	0.2	5	2	<5
60436		26	7	<0.1	<2	3	<5
60437		15	41	<0.1	2	13	8
60438		126	529	0.2	16	71	7
60439		77	287	<0.1	8	80	<5
60440		169	1550	0.2	37	147	11

PL-1

REPORT: 088-54261.0

PROJECT: W04E

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	CU PPM	ZN PPM	AG PPM	PB PPM	AS PPM	AL PPB
60441		66	348	<0.1	16	107	11
60442		65	179	<0.1	6	30	<5
60443		85	103	0.1	2	71	<5
60444		94	125	<0.1	2	38	<5
60445		108	196	<0.1	4	23	<5

PL-1

60476		189	58	<0.1	4	4	7
60477		180	42	<0.1	3	<2	<5
60478		165	64	<0.1	3	<2	<5
60479		120	45	<0.1	2	<2	<5
60480		38	16	<0.1	4	<2	<5
60481		76	55	<0.1	3	<2	<5

60482		130	60	<0.1	3	4	<5
60483		170	82	<0.1	3	4	<5
60484		67	51	<0.1	8	3	<5
60485		171	104	<0.1	3	<2	<5
60486		168	826	<0.1	17	3	19

PL-3

60487		128	99	<0.1	4	32	<5
60488		129	339	<0.1	14	13	5
60489		96	162	<0.1	7	20	<5
60490		89	141	<0.1	7	<2	<5
60491		105	133	<0.1	6	6	5

60492		83	64	<0.1	4	3	<5
60493		97	82	<0.1	3	2	<5

61217		41	93	<0.1	5	15	<5
61218		23	59	<0.1	6	6	<5

PL-4

REPORT: 088-54235.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM
60446		65	78	0.1	7	30	6
60447		62	96	<0.1	4	9	<5
60448		57	65	<0.1	3	7	<5
60449		64	79	<0.1	6	39	<5
60450		50	93	<0.1	4	17	<5
60451		50	91	<0.1	2	8	<5
60452		112	76	<0.1	9	44	5
60453		62	87	<0.1	4	7	<5
60454		72	103	<0.1	6	24	<5
60455		90	81	0.2	7	25	7
60456		75	85	<0.1	5	12	<5
60457		61	85	<0.1	5	24	<5
60458		63	82	<0.1	5	35	<5
60459		62	86	<0.1	4	41	<5
60460		56	88	<0.1	5	25	<5
60461		66	90	<0.1	4	12	<5
60462		87	107	<0.1	3	9	<5
60463		107	573	0.3	13	53	6
60464		54	165	<0.1	7	48	<5
60465		83	250	0.1	12	41	<5
60466		81	346	<0.1	17	25	<5
60467		52	226	<0.1	11	18	<5
60468		156	557	0.3	18	34	<5
60469		127	719	0.2	22	14	<5
60470		234	1023	0.3	20	15	8
60471		108	189	<0.1	3	5	<5
60472		17	46	<0.1	5	5	<5
60473		94	122	<0.1	4	3	<5
60474		107	113	<0.1	3	<2	<5
60475		113	107	<0.1	3	5	<5

DL-2

PAINT LAKE

REPORT: 088-54295.0

PROJECT: ADGE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM
61219		42	89	<0.1	4	10	<5
61220		43	94	<0.1	6	10	<5
61221		33	93	0.1	7	19	7
61222		36	76	<0.1	2	7	<5
61223		45	80	<0.1	7	27	10
61224		49	71	<0.1	5	25	7
61225		59	62	<0.1	5	18	8
61226		54	69	<0.1	4	17	<5
61227		37	72	<0.1	3	11	10
61228		42	72	0.1	4	11	7
61229		56	94	<0.1	6	9	12
61230		58	82	<0.1	5	15	5
61231		33	59	<0.1	3	19	<5
61232		38	58	<0.1	7	17	6
61233		7	16	<0.1	7	3	<5
61234		9	43	<0.1	9	22	11
61235		46	91	<0.1	4	6	<5
61236		60	74	<0.1	6	3	7
61237		62	72	<0.1	3	<2	6
61238		61	75	<0.1	5	3	7
61239		60	70	<0.1	8	3	<5
61240		53	75	<0.1	15	20	8
61241		48	70	<0.1	12	14	7
61242		69	81	<0.1	9	3	<5
61243		67	65	<0.1	10	5	<5
61244		66	69	<0.1	11	4	7
61245		24	28	<0.1	9	<2	<5
61246		49	65	<0.1	7	8	5
61247		35	54	0.1	5	4	7
61248		64	87	0.3	2	<2	<5
61249		68	153	<0.1	12	3	<5
61250		343	1450	0.6	49	3	16
61251		175	397	<0.1	11	8	8
61252		58	126	<0.1	3	19	<5
61253		63	154	0.1	15	25	<5
61254		166	1226	0.2	24	8	5
61255		110	376	<0.1	12	7	<5
61256		182	1045	0.3	17	8	5
61257		144	357	<0.1	17	10	<5
61258		105	254	0.1	12	<2	<5

PK-4

PK-5

REPORT: 088-54295.0

PROJECT: #100

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	As PPM	Pb PPM	Ag PPM	Au PPM
61259		113	69	0.1	9	<2	<5
61260		108	65	<0.1	7	<2	<5
61261		98	70	<0.1	7	3	<5
61262		102	67	<0.1	6	<2	<5
61263		109	68	<0.1	7	<2	5

PL-5

REPORT: 089-50214.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPB
61264		40	88	<0.1	6	12	<5
61265		42	94	0.2	7	19	<5
61266		48	69	0.1	8	16	<5
61267		21	65	0.1	7	8	<5
61268		19	42	<0.1	8	9	<5
61269		53	100	<0.1	9	18	<5
61270		11	25	0.2	6	4	<5
61271		56	117	0.1	8	12	<5
61272		16	26	<0.1	3	5	<5
61273		44	78	<0.1	9	10	<5
61274		61	97	0.1	7	8	<5
61275		42	97	<0.1	6	2	<5
61276		46	93	0.1	8	6	<5
61277		28	43	0.2	9	11	<5
61278		51	97	<0.1	9	7	<5
61279		45	97	<0.1	5	12	<5
61302		55	125	<0.1	23	147	<5
61303		35	67	<0.1	9	35	<5
61304		64	131	0.1	8	27	<5
61305		48	102	<0.1	8	17	<5
61306		55	84	<0.1	8	22	<5
61307		52	93	<0.1	7	12	<5
61308		36	87	<0.1	6	23	<5
61309		36	68	<0.1	7	18	<5
61310		46	85	<0.1	8	33	<5
61311		44	97	0.1	5	12	<5
61312		41	88	<0.1	6	10	<5
61313		40	85	<0.1	9	9	<5
61314		70	99	<0.1	6	10	<5
61315		64	124	<0.1	6	7	<5
61316		44	74	<0.1	7	7	<5
61317		28	55	<0.1	5	5	<5
61318		91	90	<0.1	5	6	<5
61319		63	93	0.1	8	8	<5
61320		62	86	<0.1	3	16	<5
61321		66	97	<0.1	4	7	<5
61322		62	202	0.1	22	59	<5
61323		139	170	0.4	34	101	7
61324		54	236	<0.1	13	38	<5
61325		110	350	<0.1	19	48	<5

PK-4

PK-6

Bondar-Clegg & Company Ltd.
Canoeek Road
Wawa, Ontario
J8X5
(313) 749-2220 Telex 053-3233



Geochemical Lab Report

REPORT: 089-50215.0

PROJECT: NONE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPM	Test wt gms
61260		15	34	<0.1	10	5	12	
61281		14	32	<0.1	7	2	12	
61301		14	34	<0.1	8	5	14	20.00

PL-6.6A

REPORT: G89-50214.0

PROJECT: NONE

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPB
61326		97	181	0.2	15	34	<5
61327		109	354	0.2	14	21	<5
61328		68	672	<0.1	30	16	<5
61329		9	57	<0.1	7	10	<5
61330		81	343	<0.1	12	18	<5
61331		67	432	0.2	8	21	<5
61332		74	294	0.2	15	21	<5
61333		87	335	0.3	11	23	<5
61334		132	605	0.1	17	10	<5
61335		82	137	<0.1	9	14	<5
61336		87	115	<0.1	12	12	<5
61337		71	90	<0.1	3	4	<5
61338		79	89	<0.1	7	5	<5
61339		82	163	0.2	12	7	<5
61340		128	76	<0.1	6	12	<5
61341		49	99	<0.1	6	9	<5
61342		70	111	<0.1	3	9	<5
61343		33	61	<0.1	7	10	<5
61344		33	97	<0.1	14	39	<5
61345		61	117	0.1	10	20	<5
61346		62	268	0.1	14	32	<5
61347		76	230	<0.1	15	34	<5
61348		58	121	0.1	9	15	<5
61349		82	266	0.1	12	18	<5
61350		27	196	<0.1	8	10	<5
61351		84	368	<0.1	17	26	<5
61352		78	521	<0.1	17	12	<5
61353		92	451	<0.1	16	8	<5
61354		70	498	0.1	16	10	<5
61355		138	527	0.2	17	26	<5
61356		105	302	<0.1	19	26	<5
61357		109	369	<0.1	12	20	5
61358		54	245	0.1	10	7	7
61359		28	131	0.1	8	9	<5
61360		131	563	0.1	18	24	<5
61361		155	945	<0.1	20	28	5
61362		230	2970	0.3	42	33	7
61363		223	1004	0.3	25	37	<5
61364		166	577	0.4	22	30	<5
61365		130	171	<0.1	11	18	5

PL-6

PL-7

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



**Geochemical
Lab Report**

REPORT: 009-50214.0

PROJECT: NONE

PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Pb PPM	As PPM	Au PPB	
61366		82	169	<0.1	4	4	<5	P-7
61367		95	155	0.1	6	10	5	

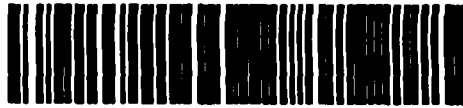
8104 210



Ministry of Northern Development and Mines

Report of Work

(Geophysical, Geological, Geochemical and Exploratory)



42E11N0003 2.12383 COLTER

900

MINING LANDS

Type of Survey: **GEOLOGY, GEO-CHEM.**

Claim Holder's: **PAINT LAKE RESOURCES**

Address: **SUITE 420, 111 RICHMOND ST. W., TORONTO, ONT M5H 2G4**

Survey Company: **MIN GOLD RESOURCES INC.**

Name and Address of Author (of Geo-Technical report): **BRIAN NELSON, MINGOLD RESOURCES, 935 COLBERT CRES, THUNDER BAY**

Date of Survey from 5 to: **04 08 88** to **10 10 88**

Total Miles of line Cut: **12.3**

COLTER TWP
Prospector's License No. **T 5209**

Special Provisions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
For each additional survey: using the same grid: Enter 20 days (for each)	Geological	
	Geochemical	
Man Days	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	3.1
	Geochemical	0.7
Airborne Credits	Electromagnetic	Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: **\$** ÷ **15** = Total Days Credits

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.

Credits Requested per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
	SEE SCHEDULE "A"				
	SCHEDULE "B"				
	1B				

RECEIVED
MAY 2 1989
MINING LANDS SECTION

RECEIVED
THUNDER BAY
MINING DIVISION
189 APR 21 AM 10 38

Date: **APRIL 20 1989**

Recorder: Member or Agent (Signature): **Cary Forbes**

For Office Use Only

Total Days Credits Reported: **306**

Date Reported: **Apr. 21/89**

Checked by: **[Signature]**

Date Approved as Rec'd: **SEE Revised Work STATEMENT**

Checked by (Signature): **[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 attached hereto, having performed the work or witnessed same during and in connection with the preparation of the attached report.

Name and Postal Address of Person Certifying: **CARY FORBES, 319 ST. VINCENT ST. THUNDER BAY, ONT P7A3 X8**

Date Certified: **APRIL 20 1989**

Certified by (Signature): **Cary Forbes**

SCHEDULE "A"

MINING CLAIM

TB 864399

TB 864440

TB 864591

592

593

TB 864594

TB 864596

597

598

599

TB 864600

TB 873894

895

TB 873896

TB 874401

402

403

TB 874404

TB 887366

367

368

369

370

371

372

373

374

375

TB 887376

MINING CLAIM

TB 887377

378

379

380

381

382

383

384

385

386

TB 887387

TB 890972

973

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TB 890989

Gary Fisher
APRIL 21/89

SCHEDULE "B"

MINING CLAIM
TB 890990
TB 890991
TB 891050

051

052

053

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068

TB 891069

TB 891084

Gary Forbes
APR 21 1989

Assessment Work Breakdown

Man Days are based on eight (8) hour Technical or Line-cutting days. Technical days include work performed by consultants, draftsmen, etc..

Type of Survey GEOLOGICAL												
Technical Days	x	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	+	No. of Claims	=	Days per Claim
34				238		12		250		81		3.1

Type of Survey												
Technical Days	x	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim
8				56		0		56		81		0.7

Type of Survey												
Technical Days	x	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim

Type of Survey												
Technical Days	x	7	=	Technical Days Credits	+	Line-cutting Days	=	Total Credits	÷	No. of Claims	=	Days per Claim



Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

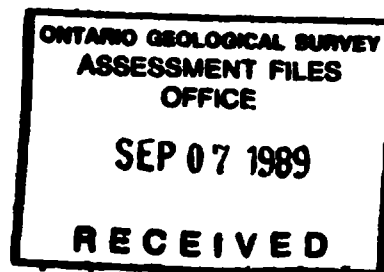
September 7, 1989

Mining Recorder
Ministry of Northern Development and Mines
435 James Street South
P.O. Box 5000
Thunder Bay, Ontario
P7C 5G6

Mining Lands Section
880 Bay Street, 3rd Floor
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

Your File: W8904-210
Our File: 2.12383




Dear Sir:

Re: Notice of Intent dated July 31, 1989 Geological and Geochemical
Survey submitted on Mining Claims TB 864399 et al in Colter
Township.

The assessment work credits, as listed with the above-mentioned Notice of Intent,
have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your
records.

Yours sincerely,


W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division

AJS. LS:eb
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Resident Geologist
Thunder Bay, Ontario

Paint Lake Resources
Toronto, Ontario

Min Gold Resources Inc.
Thunder Bay, Ontario

Gary Forbes
Thunder Bay, Ontario



Recorded Holder
PAINT LAKE RESOURCES

Township or Area
COLTER TOWNSHIP.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological <u>3.1</u> _____ days Geochemical _____ days Man days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<p style="text-align: center;"><u>Schedule 'A'</u></p> TB 864399-400 864591 to 594 incl. 864596-97 864599-600 873895-96 874401, 874404 887367-68 887372-73, 887376 887381 to 383 incl. 887385 890974, 890977 890980 to 983 incl. 890985 <p style="text-align: center;"><u>Schedule 'B'</u></p> TB 891055-56, 891058 891060 to 064 incl. 891066, 891068

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

Schedule 'A'

TB 864598, 873894, 874402, 874403, 887366, 887369 to 371 incl., 887374, 887375, 887377 to 380 incl., 887384, 887386-87, 890972-73, 890975-76, 890978-79, 890984, 890986 to 890989 incl.

Schedule 'A'

TB 890990-91, 891050 to 054 incl., 891057, 891059, 891065, 891067, 891069, 891084

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.



Recorded Holder
PAINT LAKE RESOURCES

Township or Area
COLTER TOWNSHIP.

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical <u>.7</u> _____ days Man Days <input checked="" type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input checked="" type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	<p align="center"><u>Schedule 'A'</u></p> TB 864599-600 887372-73 887382 890981 890986 <p align="center"><u>Schedule 'B'</u></p> TB 891056 891063-64

Special credits under section 77 (16) for the following mining claims

[Empty box for special credits]

No credits have been allowed for the following mining claims

not sufficiently covered by the survey insufficient technical data filed

Schedule 'A'

TB 864399-400, 864591 to 594 incl., 864596 to 598 incl., 873894 to 896 incl., 874401 to 404 incl., 887366 to 371 incl., 887374 to 381 incl., 887383 to 387 incl., 890972 to 980 incl., 890982 to 985 incl., 890987 to 989 incl.

Schedule 'B'

TB 890990-91, 891050 to 55 incl., 891057 to 62 incl., 891065 to 69 incl., 891084.

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geological - 40; Geochemical - 40; Section 77(19) - 60.

PAINT LAKE RESOURCES
BONDAR-CLEGG AND COMPANY LTD.

Report 088-52411.0	89.75
Report 088-52412.0	349.60
Report 088-52595.0	31.35
Report 088-53046.0	76.00
Report 088-52901.0	152.00
Report 088-53047.0	71.80
Report 088-53303.0	789.80
Report 088-54235.0	484.50
Report 088-54261.0	807.75
Report 088-54267.0	323.10
Report 088-54295.0	<u>682.10</u>
	3857.75

ACCURASSAY LABORATORIES LTD.

Report T 880040	<u>11.00</u>
	3868.75
	=====

PAINT LAKE PROJECT No. 254

RECEIVED
JUL 24 1989
MINING LANDS SECTION



MINGOLD RESOURCES
 935 COBALT CRES.
 THUNDER BAY, ONTARIO

Invoice : 0141312, Page 1

Date : 09-SEP-68

Report No: 088-52411.0

Project : 252

Reference:

22 Analyses of Copper	at \$ 0.00	\$ 0.00	
22 Analyses of Lead	at \$ 0.00	\$ 0.00	
22 Analyses of Zinc	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
22 Analyses of Gold	at \$14.20	\$ 312.40	
4 Analyses of Au Reweighs	at \$ 0.00	\$ 0.00	
4 Analyses of Au Reweighs	at \$ 0.00	\$ 0.00	
Subtotal		\$ 312.40	\$ 312.40
22 Analyses of Arsenic	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
Sample Preparation			
22 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 82.50	
Subtotal		\$ 82.50	\$ 82.50
Invoice Total:			\$ 394.90 Cdn

Handwritten notes:
 2/10/68
 200.00 - 252
 200.00 - 252
 200.00 - 252



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

Invoice : 0141313, Page 1

Date : 09-SEP-88

Report No: 088-52412.0

Project : 252

Reference:

90 Analyses of Copper	at \$ 0.00	\$ 0.00	
90 Analyses of Lead	at \$ 0.00	\$ 0.00	
90 Analyses of Zinc	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
90 Analyses of Gold	at \$14.20	\$ 1278.00	
7 Analyses of Au Reweighs	at \$ 0.00	\$ 0.00	
Subtotal		\$ 1278.00	\$ 1278.00
90 Analyses of Arsenic	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
Sample Preparation			
90 Samples of Dry, Sieve -80	at \$ 1.00	\$ 90.00	
Subtotal		\$ 90.00	\$ 90.00

Invoice Total: \$ 1368.00 Cdn

22/90. 60-T L. 86094-254
0/90 100000 80000-252

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

MINGOLD RESOURCES INC.
 933 COBALT CRES. PH. 807-623-8060
 THUNDER BAY, ONTARIO P7B 5Z4

0531

October 11 19 88

PAY ~~-----EIGHTEEN HUNDRED TWENTY-SEVEN-----~~ 60 \$ 1,827.60

TO BONDAR-CLEGG & COMPANY LTD.
 5420 Canotek Rd.,
 OTTAWA, Ontario
 K1J 8X5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
 MEMORIAL & HARBOUR EXPRESSWAY
 THUNDER BAY, ONTARIO

PER



⑆00687⑉010⑆ 62⑉00915⑆

DETACH AND RETAIN THIS STATEMENT
 THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
Sept. 27	Invoice # 0142001	\$501.60
Sept. 29	Invoice # 0142141	925.00
Sept. 30	Invoice # 0142167	76.00
Sept. 30	Invoice # 0142188	325.00
	80054--202 \$	987.70
	80054- 252	407.55
	80054- 254	107.35
	80054- 257	325.00



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

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO

Invoice : 0142001, Page 1

Date : 27-SEP-88

Report No: 088-52595.0

Project : 252

Reference:

32 Analyses of Silver	at \$ 0.00	\$ 0.00	
32 Analyses of Copper	at \$ 0.00	\$ 0.00	
32 Analyses of Lead	at \$ 0.00	\$ 0.00	
32 Analyses of Zinc	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
33 Analyses of Gold	at \$14.20	\$ 468.60	
2 Analyses of Au Reweighs	at \$ 0.00	\$ 0.00	
Subtotal		\$ 468.60	\$ 468.60
32 Analyses of Arsenic	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
Sample Preparation			
33 Samples of Dry, Sieve -80	at \$ 1.00	\$ 33.00	
Subtotal		\$ 33.00	\$ 33.00

Invoice Total: \$ 501.60 Cdn

2/32 50054 - 252

4/32 50054 - 252

24/32 50054 - 252

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



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

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO

Invoice : 0142167, Page 1

Date : 30-SEP-68

Report No: 088-53046.0

Project : NONE

Reference:

5 Analyses of Silver	at \$ 0.00	\$ 0.00		
5 Analyses of Copper	at \$ 0.00	\$ 0.00		
5 Analyses of Lead	at \$ 0.00	\$ 0.00		
5 Analyses of Zinc	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
5 Analyses of Gold	at \$14.20	\$ 71.00		
Subtotal		\$ 71.00	\$	71.00
5 Analyses of Arsenic	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
Sample Preparation				
5 Samples of Dry, Sieve -80	at \$ 1.00	\$ 5.00		
Subtotal		\$ 5.00	\$	5.00
Invoice Total:			\$	76.00 Cdn

11054-254

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



Bondar-Clegg & Company Ltd.
5430 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053-3233

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO

Invoice : 0142000, Page 1

Date : 27-SEP-88

Report No: 088-52901.0

Project : NONE

Reference:

13 Analyses of Silver	at \$ 0.00	\$ 0.00		
13 Analyses of Copper	at \$ 0.00	\$ 0.00		
13 Analyses of Lead	at \$ 0.00	\$ 0.00		
13 Analyses of Zinc	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
13 Analyses of Gold	at \$14.20	\$ 184.60		
Subtotal		\$ 184.60	\$	184.60
13 Analyses of Arsenic	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
Sample Preparation				
13 Samples of Dry, Sieve -80	at \$ 1.00	\$ 13.00		
Subtotal		\$ 13.00	\$	13.00
	Invoice Total:		\$	197.60 Cdn

86054 - 253
86054 - 254
45000
14/12

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



Bondar-Clegg & Company Ltd.
5400 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053-3233

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO

Invoice : 0142216, Page 1

Date : -3-OCT-88

Report No: 088-53047.0

Project : NONE

Reference:

4 Analyses of Silver	at \$ 0.00	\$ 0.00		
4 Analyses of Copper	at \$ 0.00	\$ 0.00		
4 Analyses of Lead	at \$ 0.00	\$ 0.00		
4 Analyses of Zinc	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
4 Analyses of Gold	at \$14.20	\$ 56.80		
Subtotal		\$ 56.80	\$	56.80
4 Analyses of Arsenic	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
Sample Preparation				
4 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 15.00		
Subtotal		\$ 15.00	\$	15.00
Invoice Total:			\$	<u>71.80 Cdn</u>

81054-254

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

MINGOLD RESOURCES INC.
 935 COBALT CRES. PH. 807-623-8060
 THUNDER BAY, ONTARIO P7B 5Z4

0581

November 7 19 88

PAY ~~FOURTEEN HUNDRED FIFTEEN~~ 75^{\$} 1,415.75

TO BONDAR-CLEGG & COMPANY LTD.
 5420 Canotek Rd.,
 OTTAWA, Ontario
 K1J 8X5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
 MEMORIAL & HARBOUR EXPRESSWAY
 THUNDER BAY, ONTARIO

PER

⑆00687⑉010⑆ 62⑉00915⑆

DETACH AND RETAIN THIS STATEMENT
 THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
Nov. 1/88	Invoice # 0142694, 0142703, 0142790, 0142861	
	80054-257 \$ 625.95	
	80054-254 789.80	\$1,415.75



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

MINGOLD RESOURCES
135 COBALT CRES.
THUNDER BAY, ONTARIO
53367

Invoice : 0142703, Page 1

Date : 20-OCT-88

Report No: 088-53303.0

Project : NONE

Reference:

44 Analyses of Silver	at \$ 0.00	\$ 0.00	
44 Analyses of Copper	at \$ 0.00	\$ 0.00	
44 Analyses of Lead	at \$ 0.00	\$ 0.00	
44 Analyses of Zinc	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
44 Analyses of Gold	at \$14.20	\$ 624.80	
Subtotal		\$ 624.80	\$ 624.80
44 Analyses of Arsenic	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
Sample Preparation			
44 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 165.00	
Subtotal		\$ 165.00	\$ 165.00
Invoice Total:			<u>\$ 789.80 Cdn</u>

80054-254

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

MINGOLD RESOURCES INC.
935 COBALT CRES. PH. 807-623-8060
THUNDER BAY, ONTARIO P7B 5Z4

0672

January 4 1989

PAY ~~-----EIGHTY-FOUR HUNDRED NINETEEN-----~~ 20^{\$} 8,419.20

TO Bondar-Clegg & Company Ltd.
5420 Canotek Rd.,
OTTAWA, Ontario
K1J 8X5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
MEMORIAL & HARBOUR EXPRESSWAY
THUNDER BAY, ONTARIO

PER 

⑆00687⑉010⑆ 62⑉00915⑈

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
Dec. 15/88	Invoice # 0144176 80054-257	\$ 448.75
Dec. 13/88	Invoice # 0144099 80054-253	\$1238.55
Dec. 14/88	Invoice # 0144124 80054-253	\$ 682.10
Dec. 19/88	Invoice # 0144266 80054-253	\$1383.15
Dec. 22/88	Invoice # 0144379 80054-254	\$ 484.50
Dec. 23/88.	Invoice # 0144412 80054-254	\$ 807.75
Dec. 23/88	Invoice # 0144414 80054-256	\$ 646.00
Dec. 23 & 30	Invoice # 0144481 & 0144420	
	80054-254	\$1005.20
	80054-256	\$1723.20
		\$8,419.20



MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO
53367
P7B 5Z4

Invoice : 0144379, Page 1

Date : 22-DEC-88

Report No: 088-54235.0

Project : NONE

Reference: PL-2

30 Analyses of Silver	at \$ 0.00	\$ 0.00		
30 Analyses of Copper	at \$ 0.00	\$ 0.00		
30 Analyses of Lead	at \$ 0.00	\$ 0.00		
30 Analyses of Zinc	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
30 Analyses of Gold	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
30 Analyses of Arsenic	at \$12.40	\$ 372.00		
Subtotal		\$ 372.00	\$	372.00
Sample Preparation				
30 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 112.50		
Subtotal		\$ 112.50	\$	112.50
Invoice Total:			\$	<u>484.50 Cdn</u>

60024-254

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



Bondar-Clegg & Company Ltd.
5400 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053-3233

MINGOLD RESOURCES
935 COBALT CRES.
THUNDER BAY, ONTARIO
53367
P7B 5Z4

Invoice : 0144412, Page 1

Date : 23-DEC-88

Report No: 088-54261.0

Project : NONE

Reference: PL-1

45 Analyses of Silver	at \$ 0.00	\$ 0.00		
45 Analyses of Copper	at \$ 0.00	\$ 0.00		
45 Analyses of Lead	at \$ 0.00	\$ 0.00		
45 Analyses of Zinc	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
45 Analyses of Gold	at \$ 0.00	\$ 0.00		
Subtotal		\$ 0.00	\$	0.00
45 Analyses of Arsenic	at \$14.20	\$ 639.00		
Subtotal		\$ 639.00	\$	639.00
Sample Preparation				
45 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 168.75		
Subtotal		\$ 168.75	\$	168.75
Invoice Total:			\$	807.75 Cdn

8054-259
P.L.

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2230 Telex 053-3233

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

Invoice : 0144420, Page 1

Date : 23-DEC-88

Report No: 088-54267.0

Project : NONE

Reference: JF-2 PL-3 JF-3

67 Analyses of Silver	at \$ 0.00	\$ 0.00	
67 Analyses of Copper	at \$ 0.00	\$ 0.00	
67 Analyses of Lead	at \$ 0.00	\$ 0.00	
67 Analyses of Zinc	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
67 Analyses of Gold	at \$14.20	\$ 951.40	
Subtotal		\$ 951.40	\$ 951.40
67 Analyses of Arsenic	at \$ 0.00	\$ 0.00	
Subtotal		\$ 0.00	\$ 0.00
Sample Preparation			
67 Samples of Crush, Pulverize -200	at \$ 3.75	\$ 251.25	
Subtotal		\$ 251.25	\$ 251.25

Invoice Total: \$ 1202.65 Cdn

Handwritten notes:
W(1.14) 86054-254
W(1.14) 86054-256

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED



Becker-Clegg & Company Ltd.
 5420 Cassock Road
 Ottawa, Ontario
 K1J 8X6
 (613) 749-2220 Telex 053-3233

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

Invoice : 0144481
 Date : 30-DEC-88
 Report No : 088-54295.0
 Project : NONE
 Reference: JF-3 PL-4 PL-5

THIS IS A MANUAL INVOICE

85 Analyses of Gold, Copper, Zinc, Silver, Lead, Arsenic @ \$14.20/sample	\$ 1207.00
85 Samples for Crush, Pulverize -200 @ \$3.75/sample	\$ 318.75

Invoice Total: \$ 1525.75 Cdn

*1207.00 - 805.00 - 250.00
 318.75 - 505.00 - 250.00*

**THIS IS A PROFESSIONAL SERVICE
 ACCOUNTS DUE WHEN RENDERED**

MINGOLD RESOURCES INC.
35 COBALT CRES. PH. 807-623-2060
THUNDER BAY, ONTARIO P7B 5Z4

0578

November 7 19 88

PAY ~~SIXTEEN HUNDRED FORTY-NINE~~ ~~xx~~ \$ 1,649.00

TO ACCURASSAY LABORATORIES LTD.
Box 604, 3 Industrial Dr.,
KIRKLAND LAKE, Ontario
P2N 3J5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
MEMORIAL & HARBOUR EXPRESSWAY
THUNDER BAY, ONTARIO

PER

⑆00687⑆010⑆ 62⑆00915⑆

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
Oct. 31/88	Invoice # 88534, 88013, 88020, 88021, 88048	
	80054-202 \$ 30.50	
	80054-252 1,409.50	
	80054-081 198.00	
	80054-254 11.00	
		\$1,649.00

ASSAY LABORATORIES LTD.
 CHEMISTS, ASSAYERS, ANALYTICAL CONSULTANTS
 Box 604, 3 Industrial Dr., Kirkland Lake
 Ontario, Canada P2N 3J5

INVOICE

T88021

TEL: (705) 567-6343 - FAX: (705) 568-8368

Gerald Bedwell
 Mingold Resources Inc.
 935 Cobalt Cres.
 THUNDER BAY, Ontario
 P7B-5Z4

DATE	October 26 1988
CUSTOMER ORDER #	
WORK ORDER #	T880040
DATE SUBMITTED	

TERMS

NET 30 days - 1.5% per month on overdue accounts

QUANTITY	DESCRIPTION	PRICE	AMOUNT
53	Gold Assays	7.50	397.50
53	Sample preps	3.50	185.50
	Cert: #20677 and 20678		
	Total.....		583.00
	86054 - 252 - 572.00		
	86054 - 254 - 11.00		

LF-1287

Thank You!

MINGOLD RESOURCES INC.
935 COBALT CRES. PH. 807-623-8060
THUNDER BAY, ONTARIO P7B 5Z4

0560

November 1 1988

PAY ~~THIRTY-SEVEN HUNDRED NINETY-TWO~~ ~~85~~ \$ 3,792.85

TO BONDAR-CLEGG & COMPANY LTD.
5420 Canotek Rd.,
OTTAWA, Ontario
K1J 8X5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
MEMORIAL & HARBOUR EXPRESSWAY
THUNDER BAY, ONTARIO

PER



⑆00687⑉010⑆ 62⑉00915⑈

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
Sept. 27/88	Invoice # 0142016	\$ 107.70
Sept. 27/88	Invoice # 0142000	197.60
Oct. 03/88	Invoice # 0142216	71.80
Oct. 06/88	Invoice # 0142359	1,166.75
Oct. 12/88	Invoice # 0142474	399.00
Oct. 12/88	Invoice # 0142472	1,675.00
Oct. 14/88	Invoice # 0142540	175.00
	80054-251 - \$1,166.75	
	80054-252 - 107.70	
	80054-253 - 45.60	
	80054-254 - 223.80	
	80054-257 - 2,249.00	

MINGOLD RESOURCES INC.
935 COBALT CRES. PH. 807-623-8060
THUNDER BAY, ONTARIO P7B 5Z4

0508

Sept. 21 1988

PAY THIRTY-ONE HUNDRED SEVENTY-EIGHT 20 \$ 3,178.20

TO BONDAR-CLEGG & COMPANY LTD.
5420 Canptek Rd.,
OTTAWA, Ontario
K1J 8X5

MINGOLD RESOURCES INC.

CANADIAN IMPERIAL BANK OF COMMERCE
MEMORIAL & HARBOUR EXPRESSWAY
THUNDER BAY, ONTARIO

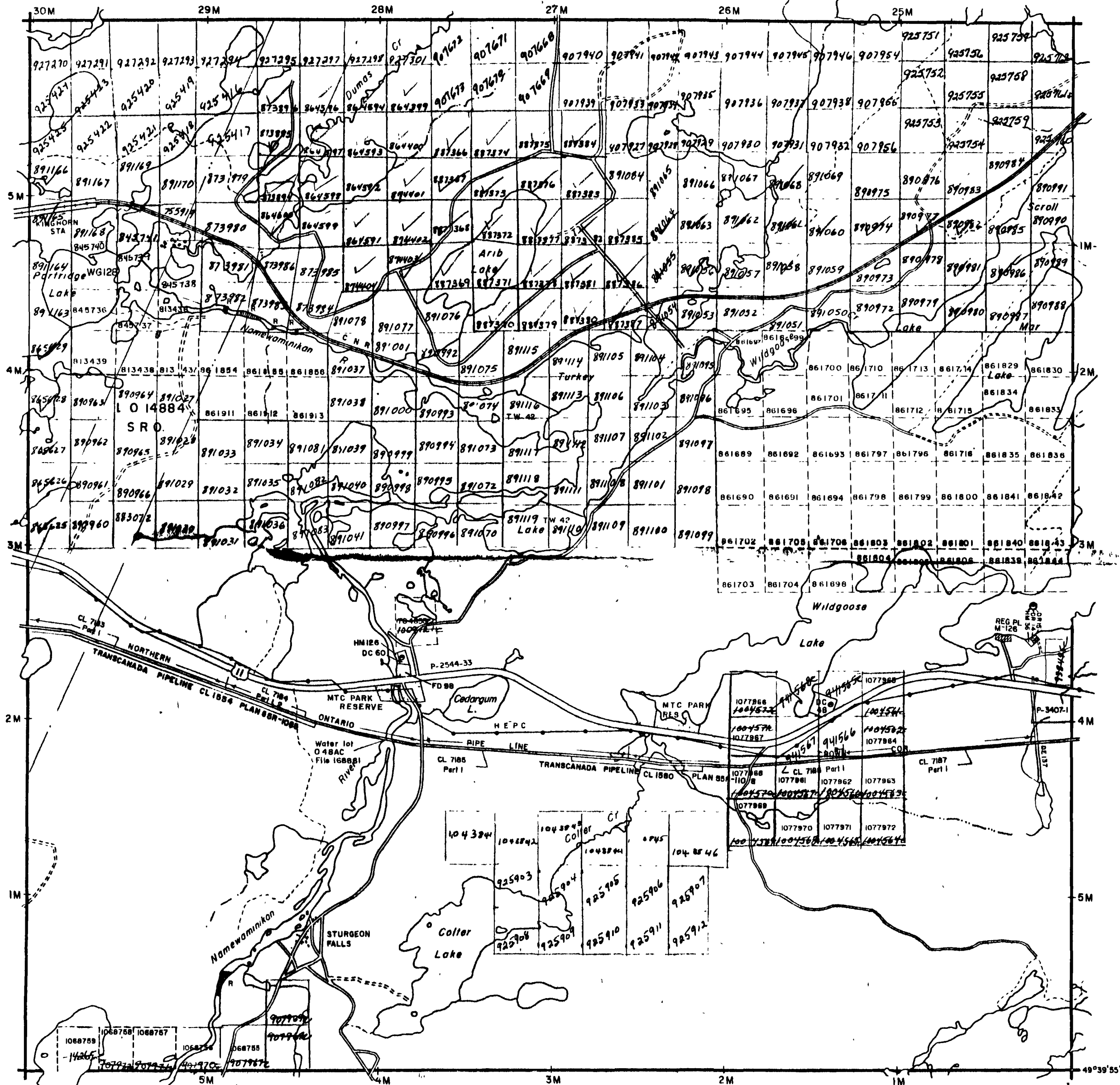
PER

⑆00687⑆010⑆ 62⑆00915⑆

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW

DATE	DESCRIPTION	AMOUNT
ept. 9/88	Invoice # 0141312	
	80054-254	\$ 89.75
	80054-202	71.80
	80054-252	233.35
		\$ 394.90
ept. 9/88	Invoice # 0141313	
	80054-254	349.60
	80054-252	1,018.40
		1,368.00
ept. 13/88	Invoice #0141480	
	80054-252	180.50
ept. 14/88	Invoice # 0141592	
	80054-252	179.50
ept. 14/88	Invoice # 0141597	
	80054-252	538.50
ept. 15/88	Invoice # 0141652	
	80054-252	30.40
ept. 15/88	Invoice # 0141649	
	80054-252	486.40

LAPIERRE LAKE G-65



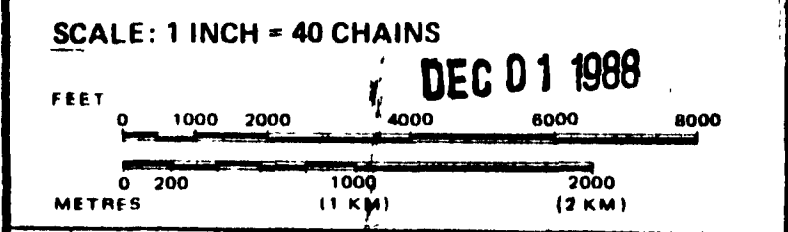
LEGEND

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.



TOWNSHIP

COLTER

M.N.R. ADMINISTRATIVE DISTRICT

GERALDTON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

Ministry of Natural Resources
Land M

Ontario

Date: *February*
OCTOBER 1981

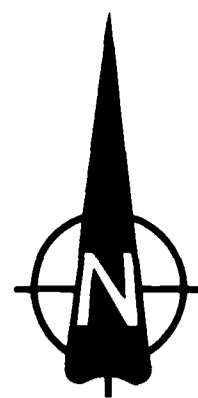
LEGAULT TWP. G-170

LINDSLEY TWP. G-483

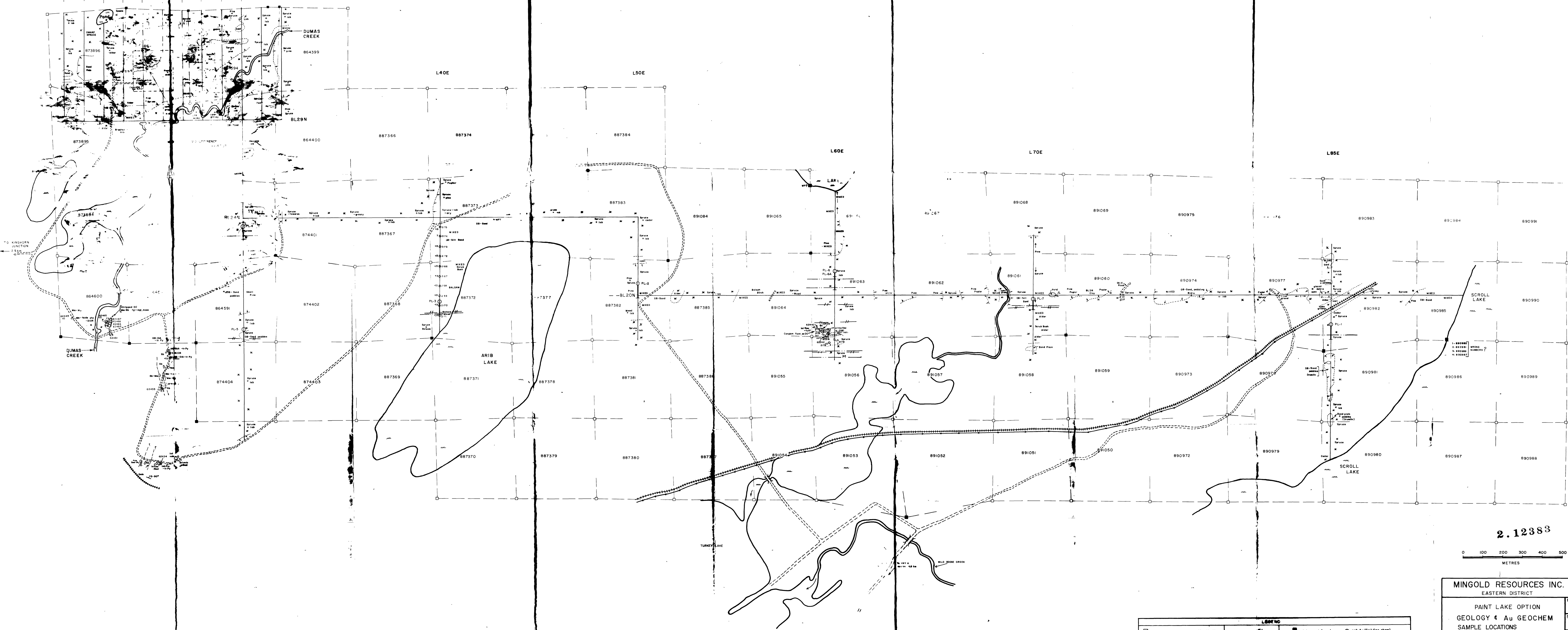
VIVIAN TWP. G-471



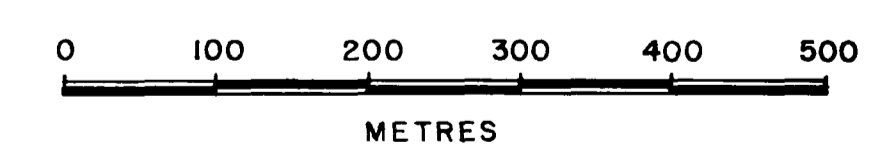
42E11NW0003 2-12383 COLTER



21E 22E 23E 24E 25E 26E 27E 28E 29E 30E 31E 32E



2.12383



LEGEND			
	Mafic Volcanic	Mt, M, MT	Subsided
	Intermediate Volcanic	Int. Flow	bedding
	Agglomerate	Agglom	fracture
	Gabbro	Gb	outcrop
	Diorite	Dior	
	Quartz Vein	QV	
	claim post-found		
	hydro line		
	railroad tracks		
	D-sh road		
	ridge bottom		
	ppb Au (Soil Geo-chem)		
	ppb Au (Litho Geo-chem)		
	VLF Axis		
	HEM Axis		
	DDH		

MINGOLD RESOURCES INC.
EASTERN DISTRICT

PAINTE LAKE OPTION
GEOLOGY & Au GEOCHEM
SAMPLE LOCATIONS

DATE: NOV. 88
SCALE: 1:5000
DRAWN BY: S.V.
DWG. No: FIG 4

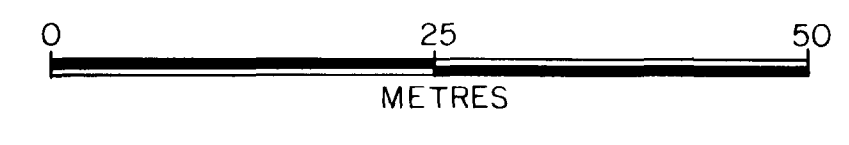
CLAIM AREA 5-65 NTS 42E/11

CHANNEL SAMPLES

SAMPLE	WIDTH (m)	DESCRIPTION	Cu ppm	Fe ppm	Ag ppm	Pb ppm	As ppm	Au ppb
1	0.85	QV	50	34	0.2			5
2	0.75	QV	262	30	0.2			5
3	0.60	QVs-forked	16	44	<0.1	2		7
4	1.00	10% QVs in andesite	94	83	<0.1	4		5
5	1.00	50% QVs in andesite	66	60	<0.1	2		2
6	0.70	QV	53	31	<0.1			5
7	1.00	Ank-chl-ser schist	18	47	<0.1			101
8	1.15	Sheared agglom-ankerite	46	78	0.2	14		44
9	0.40	Sheared agglom-10% Py	36	80	<0.1	1		34
10	1.00	Alt-agglom-3% Py	17	58	<0.1			64
11	1.20	Sheared agglom- loc.15% Py	20	54	<0.1			29
12	0.90	Sheared agglom-1-2% Py	30	77	<0.1			6
13	0.80	Sheared frag-tr Py	19	65	<0.1			3
14	0.50	Sheared frag-5-10% Py	27	66	<0.1	6		17
15	0.80	Sheared agglom-2-5% Py	17	75	<0.1			3
16	0.90	Sheared agglom-tr Py	16	54	<0.1	7		30
17	1.50	Sheared agglom-ankerite	32	8	<0.1	5		13
18	1.20	Rusty fragmental	36	79	<0.1	11		24
19	1.20	Sheared agglom	18	76	<0.1	6		1
20	1.00	QVs in andesite	24	5	<0.2	2		2
21	0.85	Narrow kinked qtz-carb veining	29	42	<0.1	2		3
22	0.65	Qtz-carb veining in andesite	15	42	<0.1	<2		2
23	0.90	Qtz-carb veining (20% veins)	44	36	<0.1	2		3
24	0.50	Folded QVs-torn?	11	27	<0.1	2		<2
25	0.70	Narrow-folded QV's-torn?	124	24	<0.1	2		2
26	0.50	Qtz-carb veins in andesite	40	40	<0.1	2		3
27	0.50	QVs in andesite	17	55	<0.1	3		<7
28	0.45	Qtz-ankerite veining in andesite	3	31	<0.1			<2
29	0.60	Qtz tension gashes	83	40	<0.1			42
30	0.50	Qtz-torn? veing	17	47	<0.1			162
31	0.60	QV in carb schist	18	42	<0.1			87
32	0.50	Bracket QV sample 31-North	11	62	<0.1			15
33	0.51	Bracket QV sample 31-South	68	61	<0.1	4		16
34	0.60	Contact zone	56	70	<0.1	2		69
35	1.00	Ankerite-chl schist	36	89	<0.1	10		43
36	1.00	Ankerite-chl schist	76	76	<0.1	10		34
37	1.40	Ankerite + QVing	8	90	<0.1			162
38	1.40	Sheared agglom	17	42	<0.1	7		13
39	0.60	QVs and torn?	33	36	<0.1	5		18



2.12383



LEGEND

<input type="checkbox"/>	FELDSPAR PORPHYRY - FP	<input type="checkbox"/>	QUARTZ VEIN - QV
<input type="checkbox"/>	AGGLOMERATE - AGGLOM	<input type="checkbox"/>	FRAGMENTS - FRAGS
<input type="checkbox"/>	ANDESITE - AND	<input type="checkbox"/>	CHLORITE - CHL
		<input type="checkbox"/>	ANKERITE - ANK
		<input type="checkbox"/>	TORMALINE - TORM
		<input type="checkbox"/>	PYRITE - PY

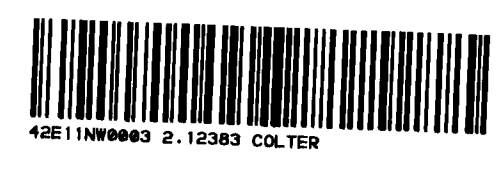
SYMBOLS

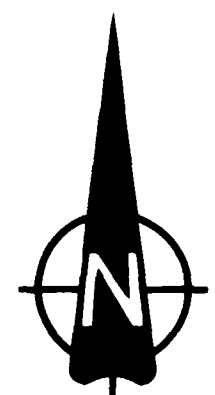
	FOLIATION SHEARING
	JOINTING
	LINATION
	TORN
	BRACKET BACKLINE STRIP
	WATER TRENCH

	CHANNEL SAMPLE LOCATIONS - 17
	1959-60 X RA DRILL HOLES - 60-4
	1961 BQ MARCH MINERALS DRILL HOLES - 61-2
	SOIL SAMPLES
	LITHO GRAB SAMPLES

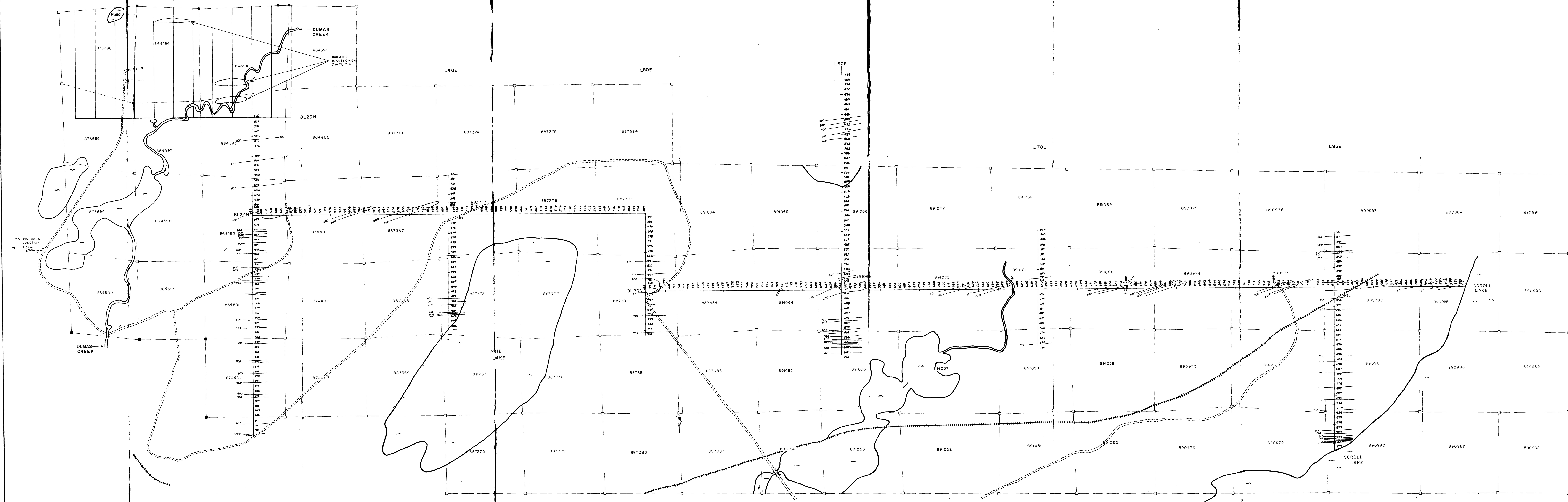
MINGOLD RESOURCES INC. EASTERN DISTRICT

PAINT LAKE OPTION	DATE:
MARCH MINERAL OCCURRENCE	SCALE:
GEOLOGY - GEOCHEMISTRY	1:500
SAMPLE LOCATIONS	DRAWN BY
	S.V.
	DWG. #
	FIG 5

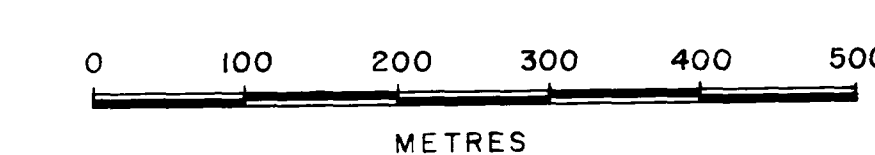




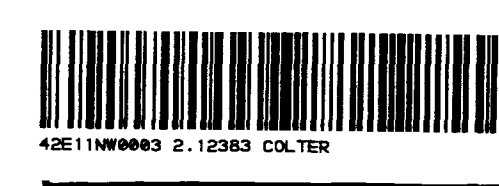
21E 22E 23E 24E 25E 26E 27E 28E 29E 30E 31E 32E

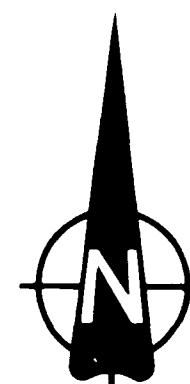


2.12383

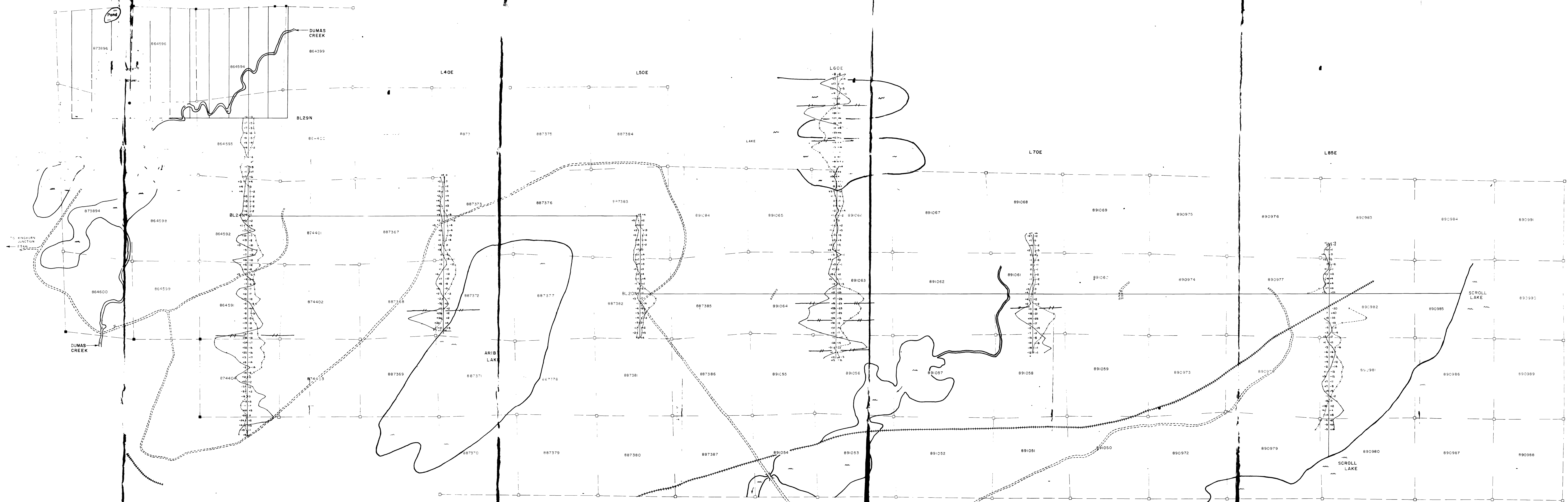


MINGOLD RESOURCES INC.		DATE
EASTERN DISTRICT		NOV 61
PAINT LAKE OPTION		SCALE
MAGNETIC SURVEY		1:5000
All Readings Reduced 59 000 Gamma, Contour Interval 100 Gamma		DRAWN
		S.V.
		FIG. 6A

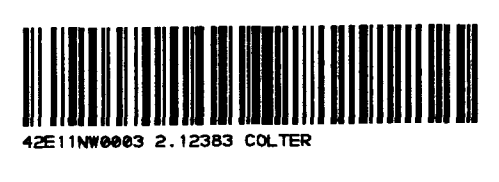
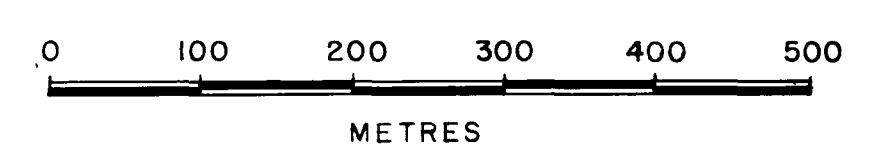




21E 22E 23E 24E 25E 26E 27E 28E 29E 30E 31E 32E

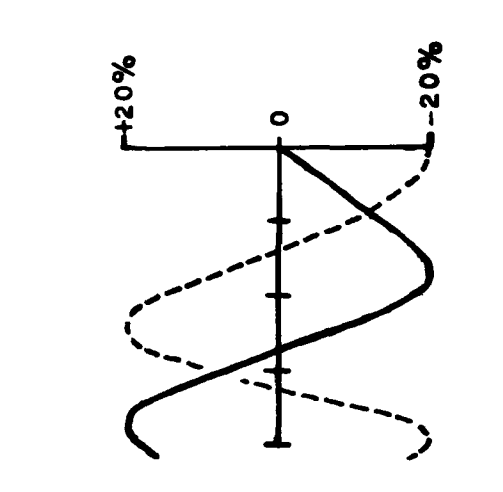


2.12383



240

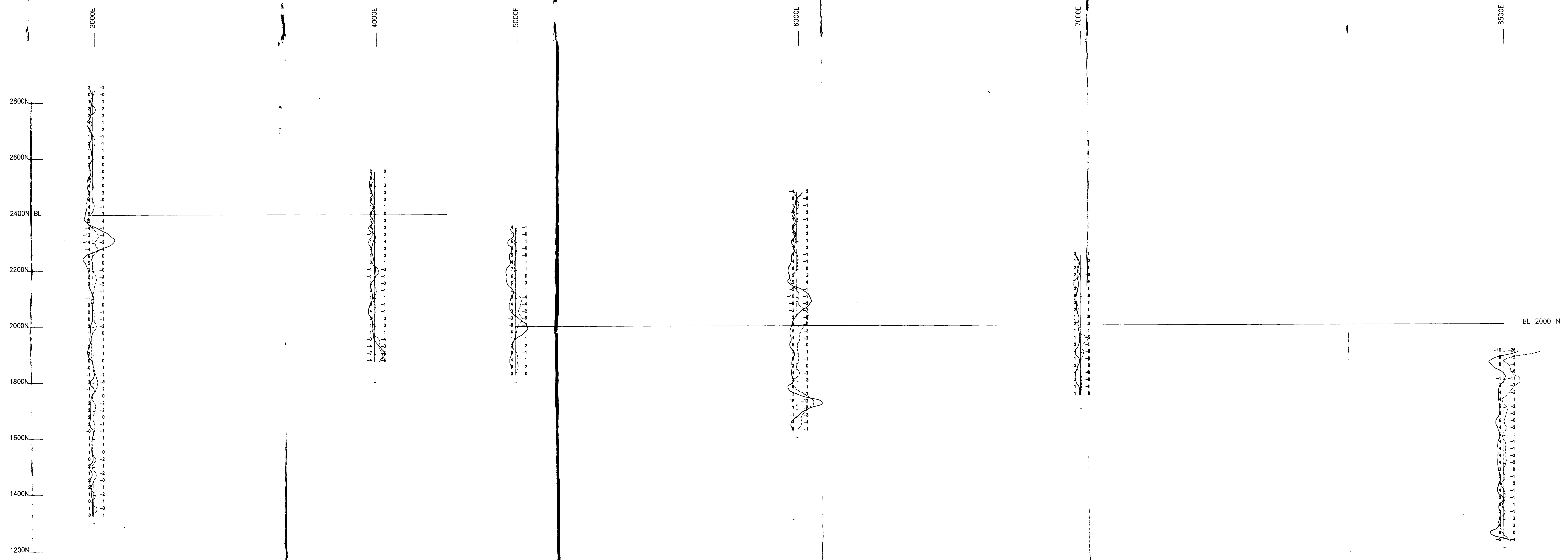
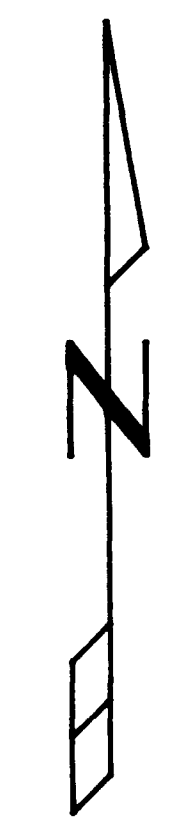
Reference 1 GEONICS EM-16
Vertical Scale: 1cm = 20.0%
Readings Taken Facing North
Location 1 NAA Cutler, Maine
Phase 2
Zone 1
VLF Conductive Axis



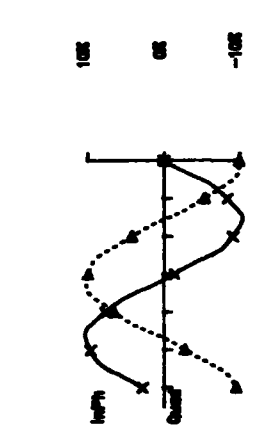
MINGOLD RESOURCES INC.	
EASTERN DISTRICT	
PAINT LAKE OPTION	
VLF - EM SURVEY	
DATE:	NOV. 88
SCALE:	1:5000
DRAWN BY:	S.V.
DWG. No.	FIG. 6F

CLAIM AREA 3-55

N.T.S. 42E/1



2.12383



Instrument : MAGNET 1
 Coil Spacing : 100m
 Vertical Scale : 1 cm = 10G
 Frequency : 440 Hz
 In Phase :
 Quadrature :



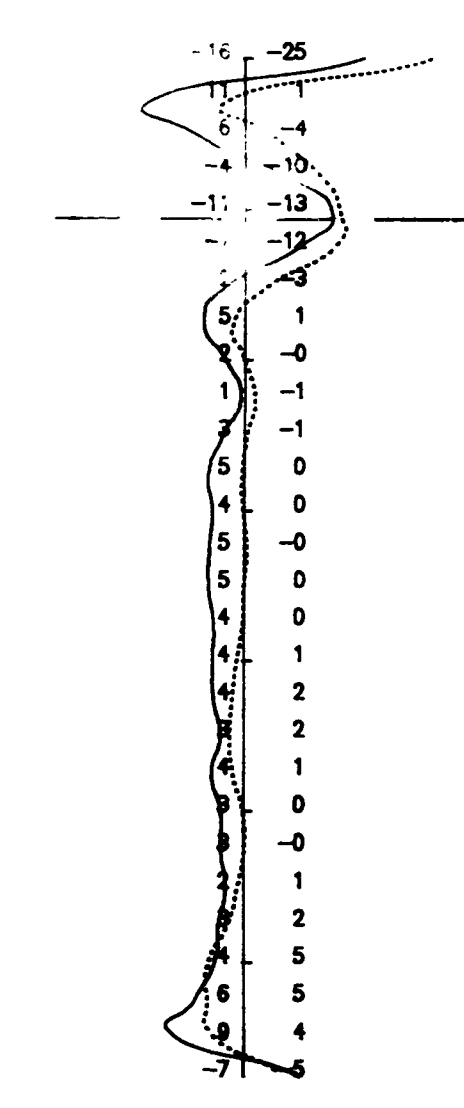
MINGOLD RESOURCES INC.	
HLEM SURVEY	
FREQ. 440 HERTZ	
PROJECT: PAINT LAKE PROJECT # : 254	BASELINE AZIMUTH : 90 Deg.
SCALE = 1: 5000	DATE : 10/13/88
SURVEY BY : NWG	NTS : 42 E/11
FILE: HPAINT	
NORTHWEST GEOPHYSICS LTD.	FIG. 6C





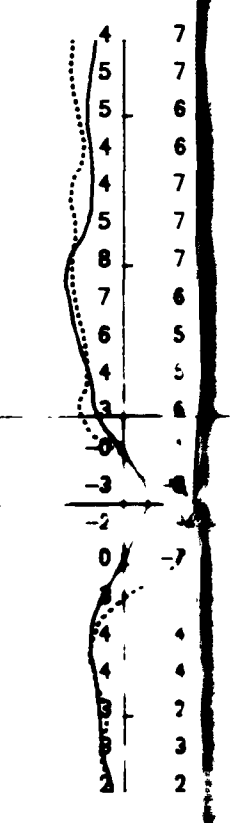
8500E

BL 2300E

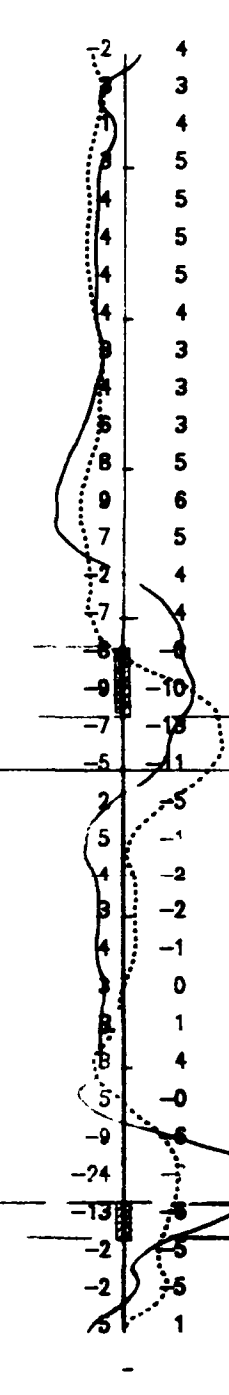


2.12383

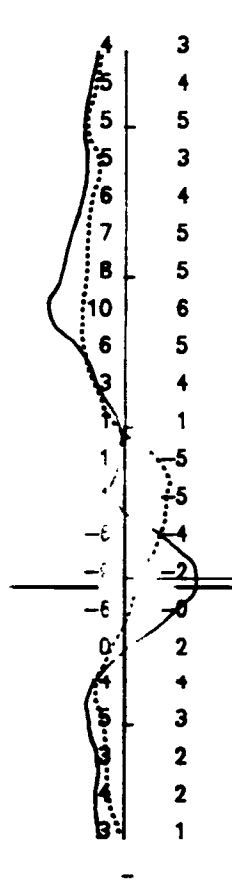
7000E



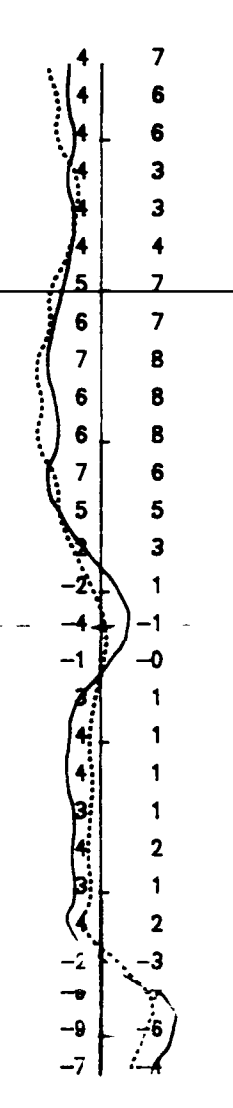
6000E



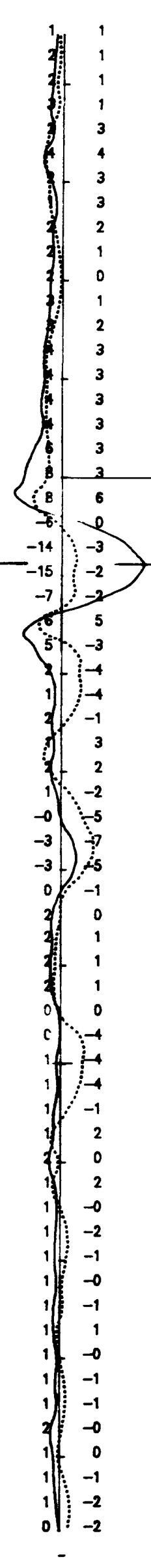
5000E



4000E



3000E



2800N

2600N

2400N BL

2200N

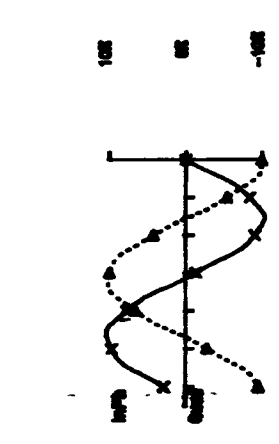
2000N

1800N

1600N

1400N

1200N



HLEM Axis

Instrument : MAXMIN 1
Coil Spacing : 100m
Vertical Scale : 1 cm = 10m
Frequency : 1750 Hz
In Phase :
Quadrature :



MINGOLD RESOURCES INC.

HLEM SURVEY
FREQ. 1750 HERTZ
PROJECT: PAINT LAKE PROJECT # : 254
BASELINE AZIMUTH : 90 Deg.

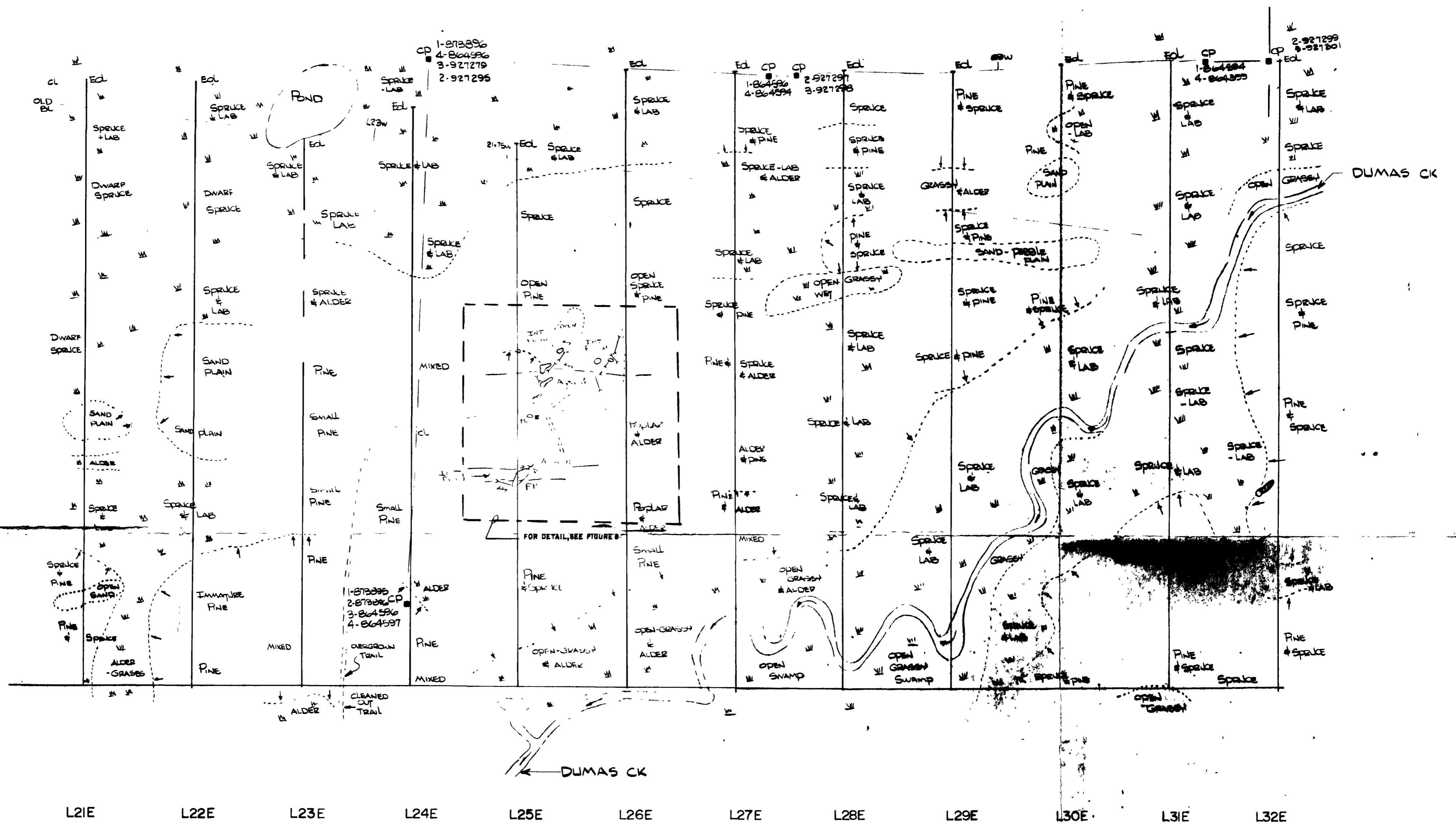
SCALE = 1: 5000 DATE : 10/13/88
SURVEY BY : MWC NTS : 42 E/11
FILE: HPAINT

NORTHWEST GEOPHYSICS LTD. FIG. 6C





35N
34N
33N
32N
31N
30N
BL29N



2.12383

MINGOLD RESOURCES INC. EASTERN DISTRICT	
PAINT LAKE PROJECT MARCH MINERALS OCCURENCE GEOLOGY	DATE: FEB 1989
	SCALE: 1:2500
	DRAWN BY: G. F.
	DWG. NO. FIG. 7A





35N

34N

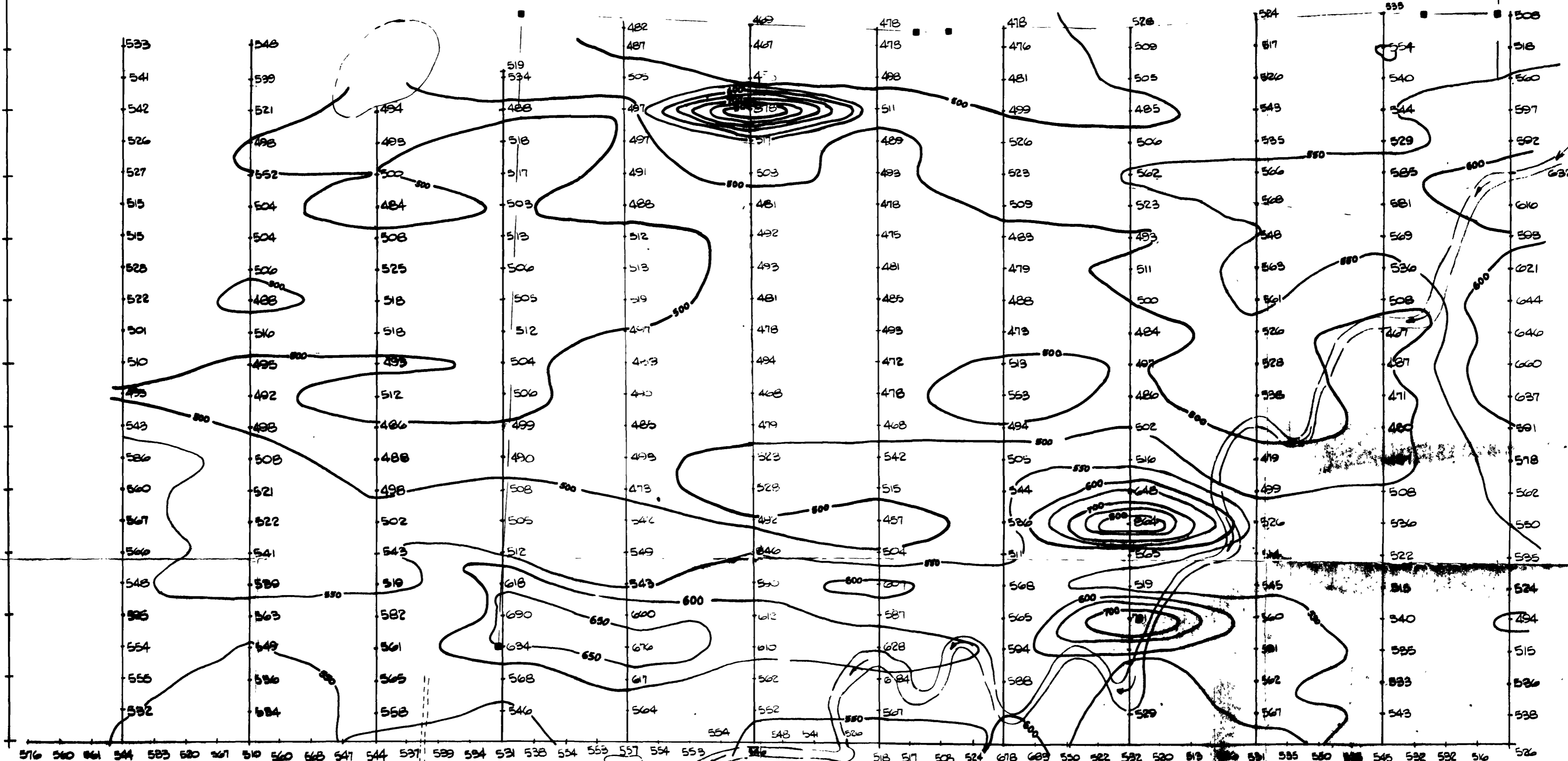
33N

32N

31N

30N

BL 29N



DUMAS CK

DUMAS CK

L21E

L22E

L23E

L24E

L25E

L26E

L27E

L28E

L29E

L30E

L31E

L32E

2.12383

MINGOLD RESOURCES INC. EASTERN DISTRICT	
PAINT LAKE PROJECT MARCH MINERALS OCCURENCE MAGNETIC SURVEY (ALL READINGS REDUCED 59,000 GAMMAS)	
DATE: FEB 1989	SCALE: 1:2500
DRAWN BY: G. F.	
DWG. NO. FIG. 7B	





35N

34N

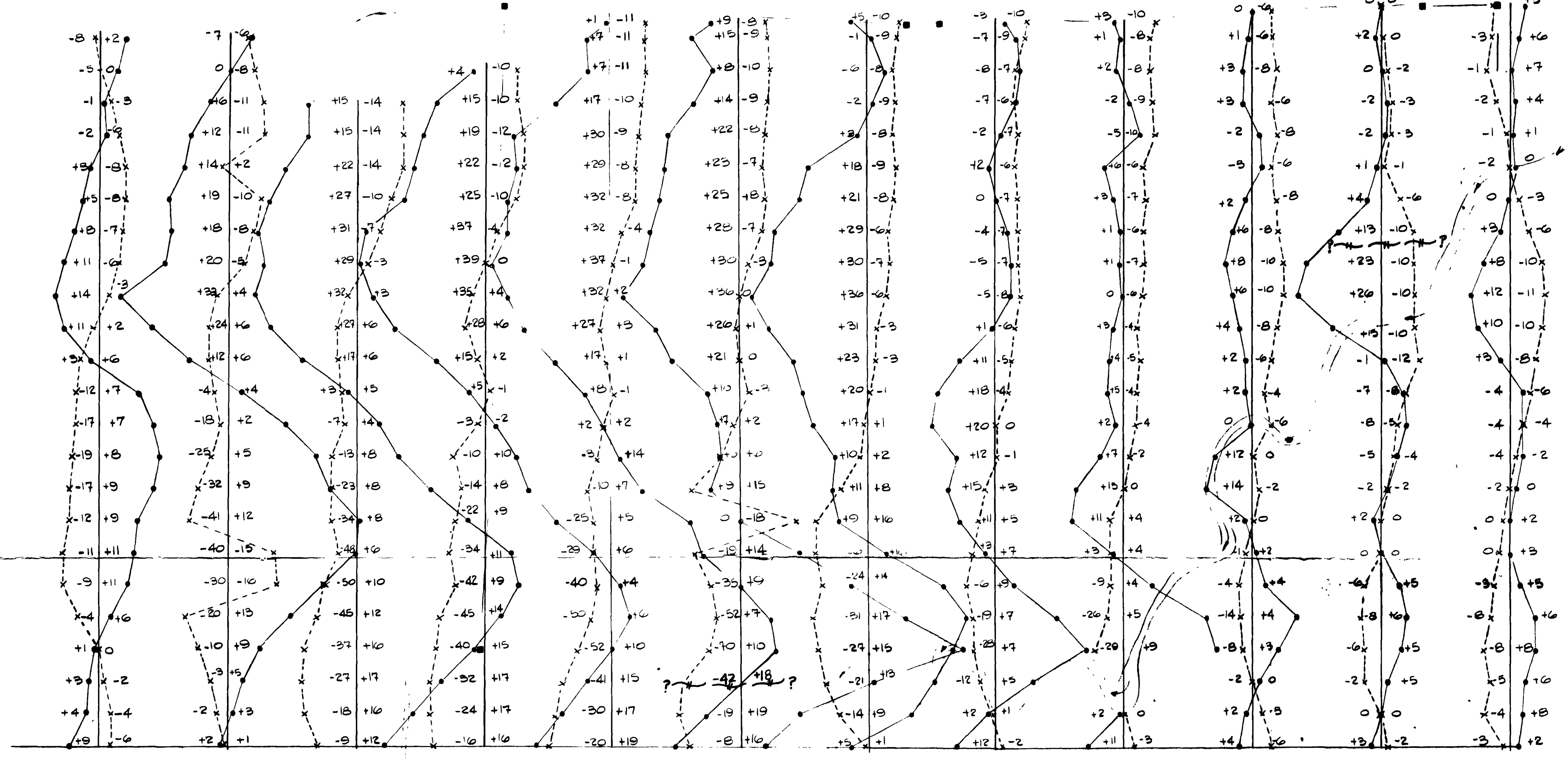
33N

32N

31N

30N

BL29N



DUMAS CK

← DUMAS CK

L21E L22E L23E L24E L25E L26E L27E L28E L29E L30E L31E L32E

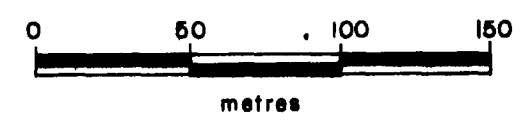
2.12383

VLF
 IN PHASE ●
 OUT OF PHASE ×
 CONDUCTOR —

VERTICAL SCALE
 +20 % -20

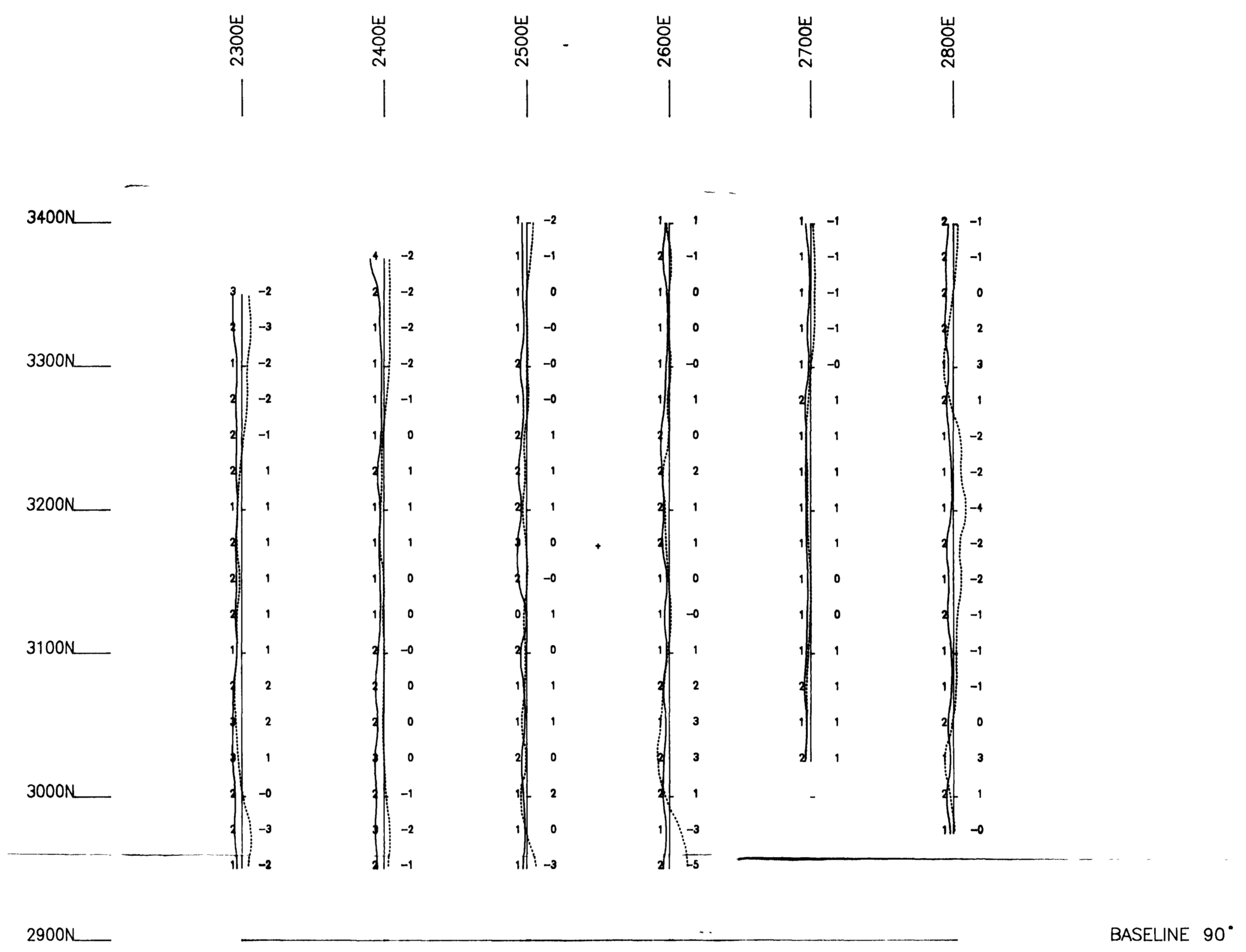
MINGOLD RESOURCES INC.
 EASTERN DISTRICT

PAINT LAKE PROJECT
 MARCH MINERALS OCCURENCE
 VLF SURVEY

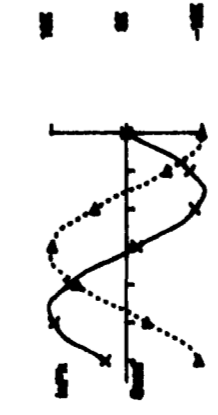


DATE:
 FEB 1989
 SCALE:
 1:2500
 DRAWN BY:
 G.F.
 DWG. NO.
 FIG. 7C





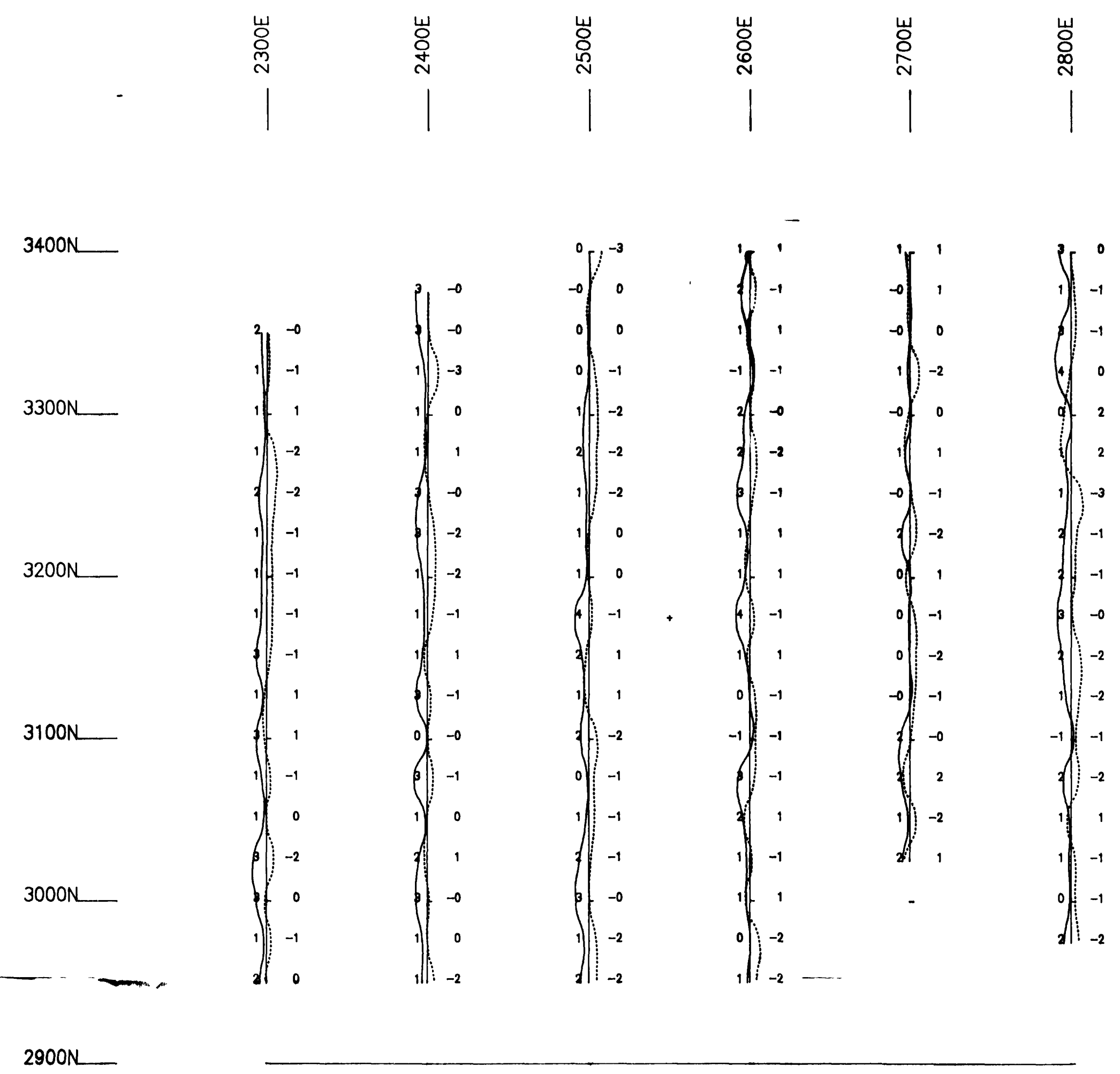
2.12383



Instrument : MAXMIN 1
 Coil Spacing : 100m
 Vertical Scale : 1 cm = 10%
 Frequency : 1780 Hz
 In Phase : ————
 Quadrature : ······

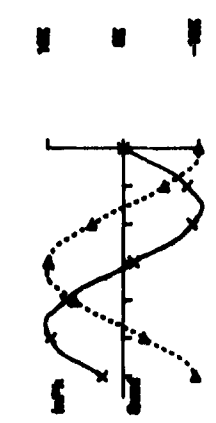
MINGOLD RESOURCES INC.	
HLEM SURVEY FREQ. 1780 HERTZ	
PROJECT: MARCH MINERALS PROJECT # : 254 BASELINE AZIMUTH : 90 Deg.	
SCALE = 1: 2500	DATE : 10/12/88
SURVEY BY : NWG	NTS : 42 E/11
FILE: HMARLOW	
NORTHWEST GEOPHYSICS LTD.	
	FIG. 7D





BASELINE 90°

2.12383



Instrument : MAXMIN 1
 Coil Spacing : 100m
 Vertical Scale: 1 cm = 10%
 Frequency : 440 Hz
 In Phase :
 Quadrature :

MINGOLD RESOURCES INC.
 HLEM SURVEY
 FREQ. 440 HERTZ
 PROJECT: MARCH MINERALS PROJECT # : 254
 BASELINE AZIMUTH : 90 Deg.
 SCALE = 1: 2500 DATE : 10/12/88
 SURVEY BY : NWG NTS : 42 E/11
 FILE: HMARLOW
NORTHWEST GEOPHYSICS LTD. FIG. 7D

