

52K/01SW-0023

LOAD: Combo/35mm

2.2963

Whipper Lake

McIlraith Twp.
T.O. # 2,2963

52 K/1 SW
2.2963



52F15NE0001 52K01SW0023 MCILRAITH

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RECEIVED
MARCH 1979
LANDS SECTION

REPORT OF THE MAGNETIC
AND ELECTROMAGNETIC SURVEYS
BLOCK 30-6 & 6A
GULLWING AREA
MCILRAITH TOWNSHIP
DISTRICT OF KENORA, ONTARIO

D.A. Hutton,
A.P. Pryslak,
March, 1979.

INTRODUCTION

A program of magnetic and electromagnetic surveying was carried out over two grids located in McIlraith Township, District of Kenora, Ontario, Patricia Mining Division (Claim map M1852). The survey on grid 30-6 was conducted during July, 1978. While the survey on 30-6A was carried out in January, 1979.

Claims included in the survey on grid 30-6 are as follows:

Pa 498139 - 498144, inclusive

Pa 435986

Claims included in the survey on grid 30-6A are as follows:

Pa 436658

Pa 436660 - 436663, inclusive

The claims are located immediately south of Centrefire Lake. A series of logging roads provide access to the grids.

The geophysical survey was controlled by grid lines cut at intervals of 400 feet, approximately normal to stratigraphy.

Readings were taken at 100-foot stations along the grid lines. These were reduced to 50-foot stations in areas of anomalous activity.

The magnetometer used on the survey was a McPhar M-700 fluxgate instrument which measures the vertical component of the earth's magnetic field to an accuracy of 10 gammas. The electromagnetic instrument used was an Apex Max-Min II horizontal loop E.M. unit with a frequency of 1777 Hertz. Coil separation was 400 feet. In-phase and quadrature components of the secondary field were read to an accuracy of 1% of the primary field.

GRID 30-6

(a) GENERAL GEOLOGY

Geological mapping was conducted on both a regional reconnaissance scale and in detail along grid lines.

Bedrock in the area is of early Precambrian age and consists of metavolcanic-metasedimentary rocks of the Wabigoon Greenstone Belt.

Regional geology places the grid across the north part of a belt of felsic metavolcanics. Detailed geology shows that lithologies consist of felsic to intermediate pyroclastics and flows. The stratigraphy in the vicinity of the grid trends

approximately northwest and dips 70-80° NE. A broad flexure occurs in the stratigraphy which is best defined by the long-trend conductor (see H.L.E.M. survey plan).

(b) MAGNETOMETER SURVEY RESULTS

A complex series of high magnetic responses extends across the center of the grid. The discontinuous nature of the contours is in part generated by the computer contour program which breaks up the anomalies which strike obliquely to the grid lines, particularly between lines 4E and 16E.

The magnetic anomalies appear to have several sources. Some are electromagnetically conductive and are likely caused by pyrrhotite. Other high magnetic responses have no direct correlation with conductors and likely result from magnetite concentrated within dacite flows as seen in outcrop near grid co-ordinate 16+00E and baseline. The magnetic anomalies could also be explained by a series of sulfide to magnetite-bearing iron formation or ferruginous sediments interbedded with the volcanics.

Several magnetic anomalies of moderate amplitude, occur in the southwest portion of the grid. These features are probably caused by minor concentrations of magnetite in intermediate metavolcanic flows.

(c) ELECTROMAGNETIC SURVEY RESULTS

A strong conductor extends across the entire grid from 13+00N on L0+00 to 2+00S on L28+00E. The conductor is somewhat sinuous in nature and is coincident with a strong magnetic response between lines 8E and 20E. The magnetic feature weakens both to the east and west. Pyrrhotite is suspected to be the major component of that portion of the conductor that is correlative with the high magnetics. Non-magnetic sulfides and/or graphitic tuffs are likely to be the source of that portion of the conductors which has no direct correlation with a magnetic feature.

A second parallel conductor lies just north of the baseline on lines 12E and 16E. This conductor also has a strong magnetic response and is likely caused by pyrrhotite.

A weak possible conductor lies at the south end of line 8E.

(d) CONCLUSIONS

The two strong conductors represent excellent drill targets as they occur within a felsic to intermediate volcanic pile.

The possible conductor at 8+00E, 9+00S should be

further evaluated by conducting a survey along lines to be cut at 6+00E and 10+00E.

GRID 30-6A

(a) GENERAL GEOLOGY

Detailed geological mapping was not conducted over the grid area but it is known that the bedrock is extensively covered by a mantle of glacial deposits.

Regional geology places the grid near the center of the east-west belt of felsic pyroclastics which extends south of Centerfire Lake over a distance of 2.0 miles.

(b) MAGNETOMETER SURVEY RESULTS

A broad, weak, positive magnetic feature occurs in the northeast part of the grid. It would appear to cross-cut stratigraphy and therefore, is likely produced by a mafic intrusion.

Elsewhere in the grid, the magnetic response is rather low and uniform, suggesting that bedrock is of a uniform character.

(c) ELECTROMAGNETIC SURVEY RESULTS

No bedrock conductors were identified by the survey.

(d) CONCLUSIONS

A weak in-phase airborne anomaly was not recovered by the H.L.E.M. survey. No further work on the grid is recommended.



D. A. Hutton

D.A. Hutton,
A.P. Pryslak.

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McIlraith Twp
M 1852

T.O. # 2.2963



52F15NE0001 52K01SW0023 MCILRAITH

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RECEIVED

MAY 10 1979

MINING LANDS SECTION

REPORT OF THE MAGNETIC
AND ELECTROMAGNETIC SURVEYS
GULLWING AREA
BLOCK 30-5
MCILRAITH TOWNSHIP
DISTRICT OF KENORA, ONTARIO
PATRICIA MINING DIVISION

D.A. Hutton,
A.P. Pryslak,
March, 1979

INTRODUCTION

A program of magnetic and electromagnetic surveying was carried out in July, 1978 and January, 1979 over a grid of lines located in McIlraith Township, District of Kenora, Ontario, Patricia Mining Division (Claim map M1852).

The claims included in the survey are as follows:

Pa 498128 to 498132, inclusive

Pa 498137, 498138

These claims are located northwest of Redhat Lake. Access is by a series of logging roads which connect with the Ghost Lake road, 1.5 miles west of the claim block. These roads are not maintained during the winter months.

The geophysical survey was controlled by grid lines cut at intervals of 400 feet, normal to the stratigraphy. Readings were taken at 100-foot intervals along the grid lines. These were reduced to 50-foot stations in areas of anomalous activity.

The magnetometer used on this survey was a McPhar M-700 fluxgate instrument which measures the vertical component of the earth's magnetic field to an accuracy of 10 gammas. The electro-

magnetic instrument used on the survey was an Apex Max-Min II horizontal loop E.M. unit with a frequency of 1777 Hertz. Coil separation was 400 feet. In-phase and quadrature components of the secondary field were read to an accuracy of 1% of the primary field.

GENERAL GEOLOGY

Geological mapping was conducted on both a regional reconnaissance scale and in detail along grid lines.

Bedrock in the area is of early Precambrian age and consists of metavolcanic-metasedimentary rocks of the Wabigoon Greenstone Belt.

Stratigraphy in the vicinity of the grid trends approximately east-west and dips 70° to 80° N. Glacial deposits and swamp cover much of the bedrock. Exposures of bedrock all consist of felsic pyroclastics.

MAGNETOMETER SURVEY RESULTS

A somewhat complex series of positive magnetic responses occurs in the east part of the grid. Both magnetite and pyrrhotite would appear to be the cause of these magnetic anomalies, which have not been observed in outcrop.

A weak magnetic feature extending from 5+00S on line 20+00E to 4+25S on line 24+00E is electromagnetically conductive and is likely caused by pyrrhotite.

The two prominent magnetic features occurring immediately north and south of the baseline between lines 20+00E and 28+00E would appear to be the cause of magnetite responses as they are not directly correlative with conductors. The anomaly north of the baseline would appear to lie oblique to stratigraphy which is defined by a conductor extending from 8+50N on line 12+00E to 2+00N on line 32E. The magnetite is either associated with a mafic-ultramafic intrusion or with a feruginous stratigraphic unit that locally is disconformable to the stratigraphy.

Minor concentrations of magnetite are interpreted as being the cause of weak positive magnetic responses at the south end of the grid on lines 24+00E to 36+00E and at the north end of line 36+00E.

ELECTROMAGNETIC SURVEY RESULTS

The electromagnetic survey identifies four bedrock conductors. The source of the conductors was not observed in outcrop.

Graphitic tuff and/or non-magnetic sulfides are suggested as a source for three conductors which have no direct correlation with positive magnetic responses. One conductor extends from 8+50N on line 12+00E to 2+00N on 32+00F; the second conductor extends from 14+00S on L0+00 to 12+00S on line 16+00E and the third conductor lies approximately on 1+00S on lines 24 and 28E. The fourth conductor which lies at 4+00S on lines 20E and 24E, is coincident with a weak positive magnetic anomaly. Pyrrhotite along with non-magnetic sulfides is suggested as a source of this conductor.

The quadrature response at the north part of the grid, on lines 28, 32 and 36E are the cause of a swamp.

RECOMMENDATIONS

All four conductors represent excellent drill targets.



D. A. Hutton

D.A. Hutton,
A.P. Pryslak.

:fa



52F15NE0001 52K01SW0023 MCILRAITH

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RECEIVED

BY FOR

MINING LANDS SECTION

REPORT ON THE MAGNETIC AND
ELECTROMAGNETIC SURVEYS
CLAIM BLOCK 30-12
GULLWING AREA
MCILRAITH TOWNSHIP
DISTRICT OF KENORA, ONTARIO

A.P. Pryslak,
D.A. Hutton,
March, 1979.

INTRODUCTION

A program of magnetic and electromagnetic surveying was carried out over two grids located in McIlraith Township, District of Kenora, Ontario, Patricia Mining Division (claim map M-1852). The surveys were conducted in September, 1978 over grid 30-12A and in January and February of 1979 over grid 30-12B.

Claims included in the surveys are as follows:

Pa 498217 - 498220, inclusive

Pa 498222 - 498226, inclusive

Pa 498228 and 498229

A series of logging roads provide access to within one-quarter mile of the south part of the grids.

The geophysical surveys were controlled by grid lines spaced at intervals of 400 feet. Readings were taken at 100-foot stations along the lines and were reduced to 50-foot stations in areas of anomalous activity.

The magnetometer used on this survey was a McPhar M-700 fluxgate instrument which measures the vertical component of the earth's magnetic field to an accuracy of 10 gammas. The electromagnetic instrument used on this survey was an Apex Max-Min II unit with a frequency of 1777 Hertz. Coil separation was 400 feet. In-phase and quadrature components of the secondary field were read to an accuracy of 1% of the primary field.

GENERAL GEOLOGY

Geological mapping was conducted on a regional reconnaissance scale and in detail along lines on grid 12A. Detailed mapping was not carried out over grid 12B.

Bedrock in the area is of Early Precambrian age and consists of metavolcanic-metasedimentary rocks of the Wabigoon Greenstone Belt.

Stratigraphy is broadly arcuate, trending northeast over grid 12A and changing to approximately east-west at the east end of grid 12B. Dips are steeply to the north.

Lithologies consist predominantly of heterolithic volcanic breccias and minor tuffs. The clastic rocks vary in composition from intermediate to felsic.

GRID 12A

(i) Magnetometer Survey Results

A long and narrow magnetic anomaly extends from the baseline at line 0+00 to 2+00N at line 20+00E. The magnetics range from approximately 100 to 1000 gammas above background. The west portion of this magnetic feature is flanked to the north by negative magnetic response caused by the dipole effect of the magnetic body.

A prominent magnetic feature occurs at the east end of

grid 12A. This anomaly is likely the continuation of the above feature with the orientation of its axis being east-west rather than northeast as shown on figure GW 2543. The error is produced by the computer plotting method.

The magnetic features described above corresponds to a H.L.E.M. conductor. The feature was tested by diamond drilling by Inco in 1972 in the vicinity of line 8+00E and by Selco in 1979 on line 32+00E. Pyrrhotite mineralization is responsible for the magnetic anomalies.

Elsewhere on the grid, the magnetic response is rather low and uniform. A weak magnetic response at 5+00N on L28E coincides with a weak conductor and is likely caused by minor pyrrhotite. Another weak magnetic anomaly is shown at 6+00S on L28E. This feature does not correspond with any H.L.E.M. response and is likely due to minor magnetite.

(ii) Electromagnetic Survey Results

A single conductor extends across the grid from line 0+00 to line 32+00E. The extremities of this feature have high in-phase and quadrature response but the center of the conductor in the vicinity of lines 20E and 24E, has a relatively weak in-phase and quadrature response.

The conductor is weakly to strongly magnetic. Inco tested

the conductor in the vicinity of line 8E in 1970. The drill hole collar could not be located in the field but drill logs filed for assessment purposes report pyrrhotite and pyrite mineralization as being the source of the conductor.

Selco drilled the strongly magnetic portion of the conductor on line 32+00E in 1979. The drill hole intersected a sequence of felsic pyroclastics mineralized with pyrrhotite and pyrite over a core length of 112 feet.

A weak conductor, of probable bedrock source, occurs at 6+00E on lines 24E and 28E. Quadrature is much stronger than the in-phase. The conductor is weakly magnetic and is likely due to minor pyrite and pyrrhotite mineralization.

GRID 12B

(i) Magnetometer Survey Results

A single anomaly occurs at the east end of the grid. This feature is approximately 400 gammas above background and is likely due to minor magnetite in felsic to intermediate volcanics. Elsewhere, the magnetic response is low and uniform.

(ii) Electromagnetic Survey Results

A weak conductor was identified in the southwest part of the grid. The in-phase response is only minus two percent but

quadrature is up to minus thirteen percent of the primary field. The conductor lies in an area of cedar swamp and maybe due to overburden. However, the source may be in bedrock and due either to minor pyrite mineralization or a weakly graphitic tuff horizon.

A weak conductor with similar in-phase and quadrature response occurs immediately south of the baseline on lines 23E and 27E.



D. A. Hutton

A.P. Pryslak,
D.A. Hutton

March, 1979.

:fa



52F15NE0001 52K01SW0023 MC1LRA1TH

File 30-5

900 GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey Geophysical
Township or Area M1852
Claim holder(s) Selco Mining Corporation Limited
55 University Ave., Toronto, Ontario
Author of Report T. Pryslak
Address P.O. Box 100, Cochenour, Ontario P0V 1L0
Covering Dates of Survey July-September 1978
(linecutting to office)
Total mks. of Line cut 5.2 mls

MINING CLAIMS TRAVERSED
List numerically

Pa	498130
(prefix)	(number)
Pa	498131
Pa	498132
Pa	498137 1/2
Pa	498138
<i>Allow 20 Em 40 Mag</i>	
<i>on all except 498137 which gets only 10 Em & 20 Mag</i>	
<i>↑ (ALLOW 20 EM 40 MAG ON ALL EXCEPT 498137 WHICH GETS ONLY 10 EM 20 MAG</i>	
TOTAL CLAIMS	5

SPECIAL PROVISIONS
CREDITS REQUESTED

ENTER 40 days (includes
line cutting) for first
survey.

ENTER 20 days for each
additional survey using
same grid.

Geophysical

DAYS
per claim

- Electromagnetic 20

- Magnetometer 40

- Radiometric _____

- Other _____

Geological _____

Geochemical _____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: Mar. 16 79 SIGNATURE: J. E. Laker
Author of Report or Agent

PROJECTS SECTION

Res. Geol. _____ Qualifications 63.2456

Previous Surveys _____

Checked by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

OFFICE USE ONLY

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations EM = 201 Mag = 187 Number of Readings EM = 201 Mag = 187
Station interval 100' (some 50')
Line spacing 400'
Profile scale or Contour intervals 1" : 20% Every 100 gammas to 1500
(specify for each type of survey) Every 500 gammas thereafter

MAGNETIC

Instrument McPhar M-700
Accuracy - Scale constant ±5 gammas
Diurnal correction method Base Stations
Base station location Taken at the intersection of B.L. and Cross Lines

ELECTROMAGNETIC

Instrument Apex Max-Min II
Coil configuration Horizontal
Coil separation 400'
Accuracy 0.5%
Method: Fixed transmitter Shoot back In line Parallel line
Frequency 1777 Hz.
(specify V.L.F. station)
Parameters measured In-phase and quadrature components of secondary field as a percentage of primary field.

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____
Base station value and location _____
Elevation accuracy _____

INDUCED POLARIZATION - RESISTIVITY

Instrument _____
Time domain _____ Frequency domain _____
Frequency _____ Range _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey Geophysical
 Township or Area M1852
 Claim holder(s) Selco Mining Corporation Limited
55 University Ave., Toronto, Ontario
 Author of Report T. Pryslak
 Address P.O. Box 100, Cochenour, Ontario P0V 1L0
 Covering Dates of Survey July-September 1978
(linecutting to office)
 Total mks. of Line cut 40 mls

MINING CLAIMS TRAVERSED	
List numerically	
Pa	498143
(prefix)	(number)
Pa	498144
Pa	435986 ^{1/2}
<p><i>allow 35 mag</i> <i>17 EM.</i></p> <p><i>go</i></p> <p><i>↑</i></p> <p><i>(ALLOW 35 MAG</i> <i>17 EM)</i></p>	
TOTAL CLAIMS <u>3</u>	

SPECIAL PROVISIONS CREDITS REQUESTED	DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	20
ENTER 20 days for each additional survey using same grid.	40
Geophysical	
-Electromagnetic	
-Magnetometer	
-Radiometric	
-Other	
Geological	
GEOCHEMICAL	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
 Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: March 16 79 SIGNATURE: J. E. Lockey
Author of Report or Agent

PROJECTS SECTION L.D. Qualifications 63.2456
 Res. Geol. _____
 Previous Surveys _____

Checked by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

OFFICE USE ONLY

Show instrument technical data in each space for type of survey submitted or indicate "not applicable"

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS

Number of Stations EM = 121 Mag = 97 Number of Readings EM = 121 Mag = 97
Station interval 100' (some 50')
Line spacing 400'
Profile scale or Contour intervals 1" : 20% Every 100 gammas to 2000
(specify for each type of survey) Every 2000 gammas to 10,000

MAGNETIC

Instrument McPhar M-700
Accuracy - Scale constant ±5 gammas
Diurnal correction method Base Stations
Base station location Taken at the intersection of B.L. and Cross Lines

ELECTROMAGNETIC

Instrument Apex Max-Min II
Coil configuration Horizontal
Coil separation 400'
Accuracy 0.5%
Method: Fixed transmitter Shoot back In line Parallel line
Frequency 1777 Hz.
(specify V.L.F. station)
Parameters measured In-phase and quadrature components of secondary field as a percentage of primary field.

GRAVITY

Instrument _____
Scale constant _____
Corrections made _____
Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION -- RESISTIVITY

Instrument _____
Time domain _____ Frequency domain _____
Frequency _____ Range _____
Power _____
Electrode array _____
Electrode spacing _____
Type of electrode _____

GEOPHYSICAL - GEOLOGICAL - GEOCHEMICAL
TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey Geophysical
Township or Area M1852
Claim holder(s) Selco Mining Corporation Limited
55 University Ave., Suite 1700, Toronto, Ont.
Author of Report T. Pryslak
Address P.O. Box 100, Cochenour, Ontario P0V 1L0
Covering Dates of Survey Sept., 1978 - Feb., 1979
(linecutting to office)
Total Miles of Line cut 6.5 miles

MINING CLAIMS TRAVERSED	
List numerically	
Pa (prefix)	498219 ^{1/2} (number)
Pa	498222 ^{1/2}
Pa	498223
Pa	498224 ^{3/4}
Pa	498225 ✓
Pa	498228 ^{1/4}
<i>Areas not covered = 2 claim</i>	
<i>∴ 240 ÷ (6+2) = 30 mag</i>	
<i>15 Em</i>	
TOTAL CLAIMS <u>6</u>	

SPECIAL PROVISIONS CREDITS REQUESTED	Geophysical	DAYS per claim
ENTER 40 days (includes line cutting) for first survey.	-Electromagnetic	<u>20</u>
	-Magnetometer	<u>40</u>
	-Radiometric	_____
	-Other	_____
ENTER 20 days for each additional survey using same grid.	Geological	_____
	Geochemical	_____

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)
Magnetometer _____ Electromagnetic _____ Radiometric _____
(enter days per claim)

DATE: March 16 79 SIGNATURE: T. Pryslak
Author of Report or Agent

PROJECTS SECTION
Res. Geol. _____ Qualifications 63.2452
Previous Surveys _____

Checked by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

GEOLOGICAL BRANCH _____

Approved by _____ date _____

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

ROUND SURVEYS

Number of Stations EM = 224 Mag = 200 Number of Readings EM = 224 Mag = 200
 Station interval 100' (some 50')
 Line spacing 400'
 Profile scale or Contour intervals 1": 20% Every 100 gammas
(specify for each type of survey)

MAGNETIC

Instrument McPhar M-700
 Accuracy - Scale constant ±5 gammas
 Diurnal correction method Base stations
 Base station location Taken at the intersection of B.L. and Cross Lines

ELECTROMAGNETIC

Instrument Apex Max-Min II
 Coil configuration Horizontal
 Coil separation 400'
 Accuracy 0.5%
 Method: Fixed transmitter Shoot back In line Parallel line
 Frequency 1777 Hertz
 Parameters measured In-phase and quadrature components of secondary field as a percentage of primary field.
(specify V.L.F. station)

GRAVITY

Instrument _____
 Scale constant _____
 Corrections made _____
 Base station value and location _____

Elevation accuracy _____

INDUCED POLARIZATION - RESISTIVITY

Instrument _____ Frequency domain _____
 Time domain _____ Range _____
 Frequency _____
 Power _____
 Electrode array _____
 Electrode spacing _____
 Type of electrode _____



Ministry of
Natural
Resources

Your file:

Our file: 2.2963

1979 11 06

Mr. Albert Hanson
Mining Recorder
Ministry of Natural Resources
Box 669, Court House
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

Re: Mining Claims Pa. 498143 et al. McIlraith Township, File 2.2963

The Geophysical (Electromagnetic & Magnetometer) assessment work credits as listed with my Notice of Intent dated October 9, 1979 have been approved as of the above date.

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

Yours very truly,

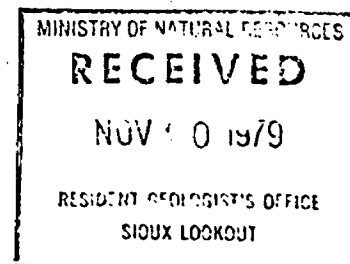
E.F. Anderson
Director
Lands Administration Branch

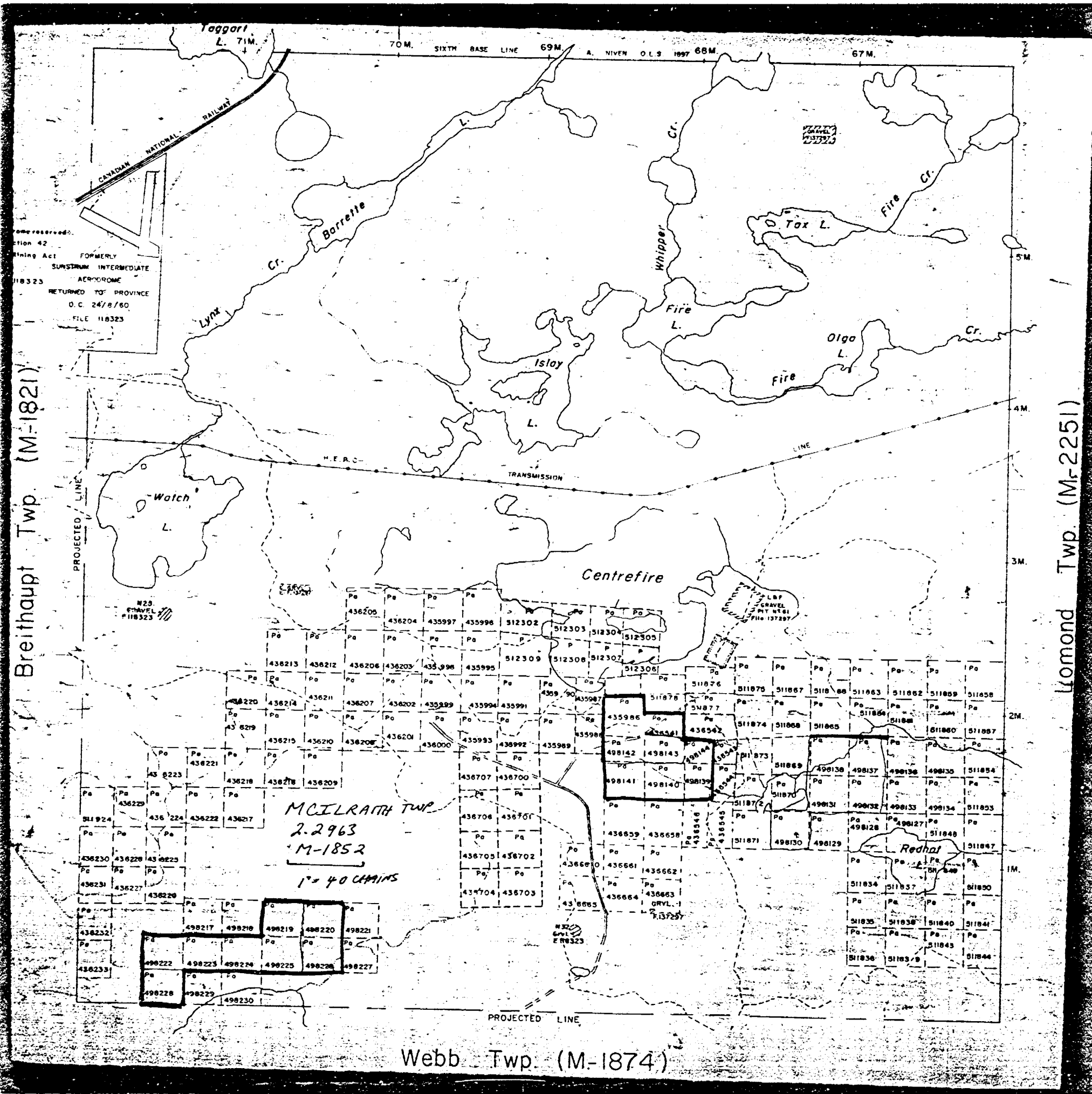
Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1316

DN:ie

cc: Selco Mining Corporation Ltd.
Toronto, Ontario
Attn: Miss J.E. Rackley

Resident Geologist ✓
Sioux Lookout, Ontario





Breithaupt Twp. (M-1821)

Lomond Twp. (M-2251)

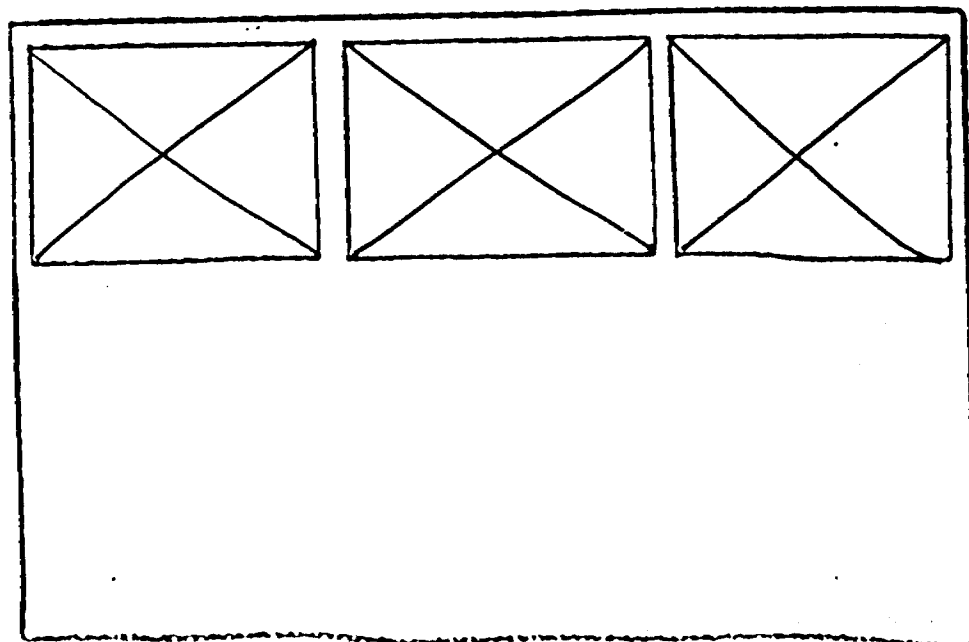
Webb Twp. (M-1874)

MCILRATH TWP.
2.2963
M-1852
1/4 40 ACRES

Formerly reserved.
Section 42
Mining Act
FORMERLY
SUNSTRIP INTERMEDIATE
AERODROMIC
118323
RETURNED TO PROVINCE
O.C. 24/8/80
FILE 118323

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
52K/01SW-0023, #1, 2, 3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)

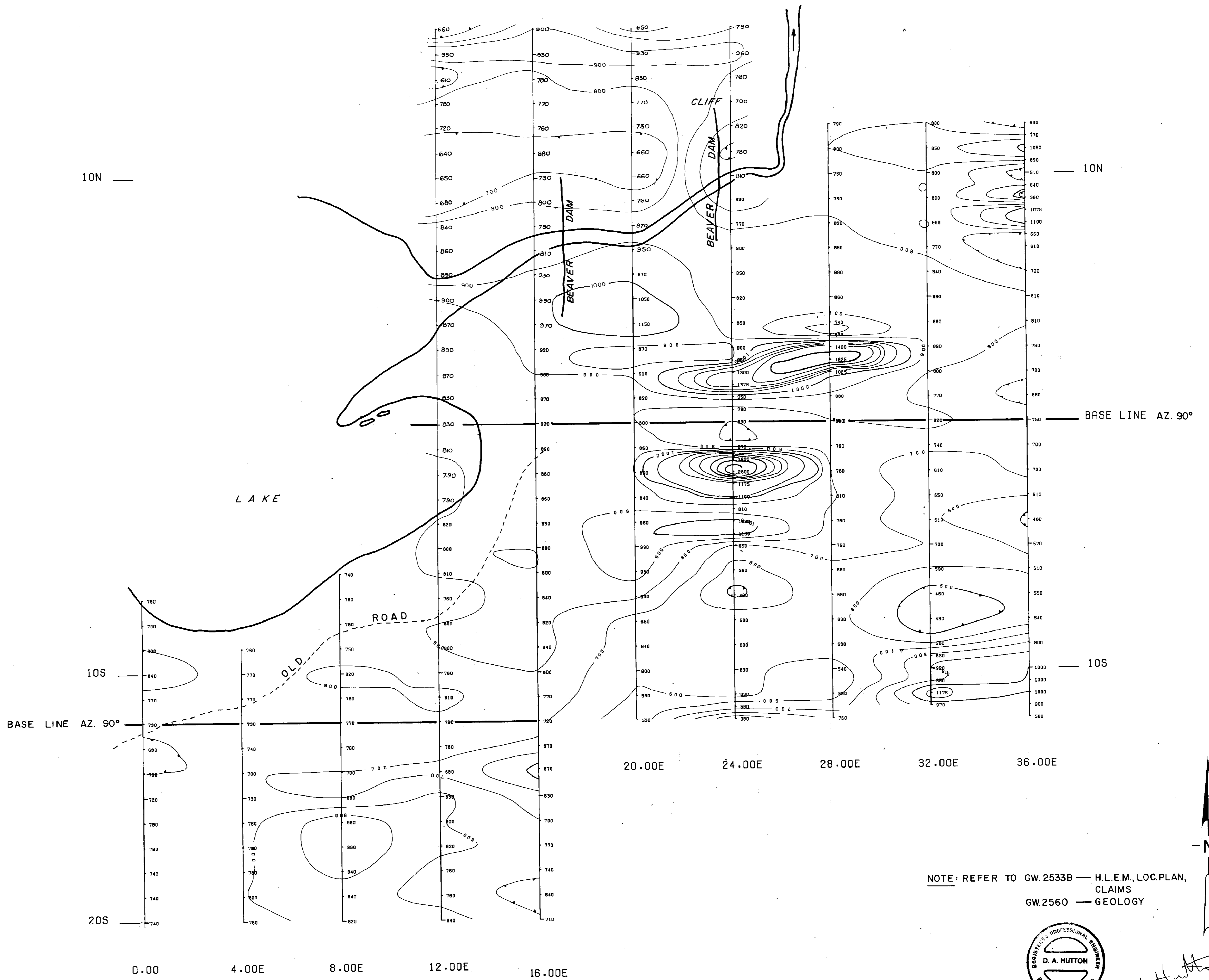


FOR ADDITIONAL

INFORMATION

SEE MAPS:

52K / 01 SW-0023 #4-8

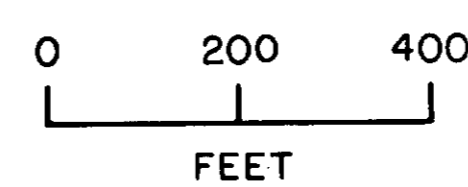


NOTE: REFER TO GW. 2533B — H.L.E.M., LOC. PLAN,
CLAIMS
GW. 2560 — GEOLOGY



D. A. Hutton

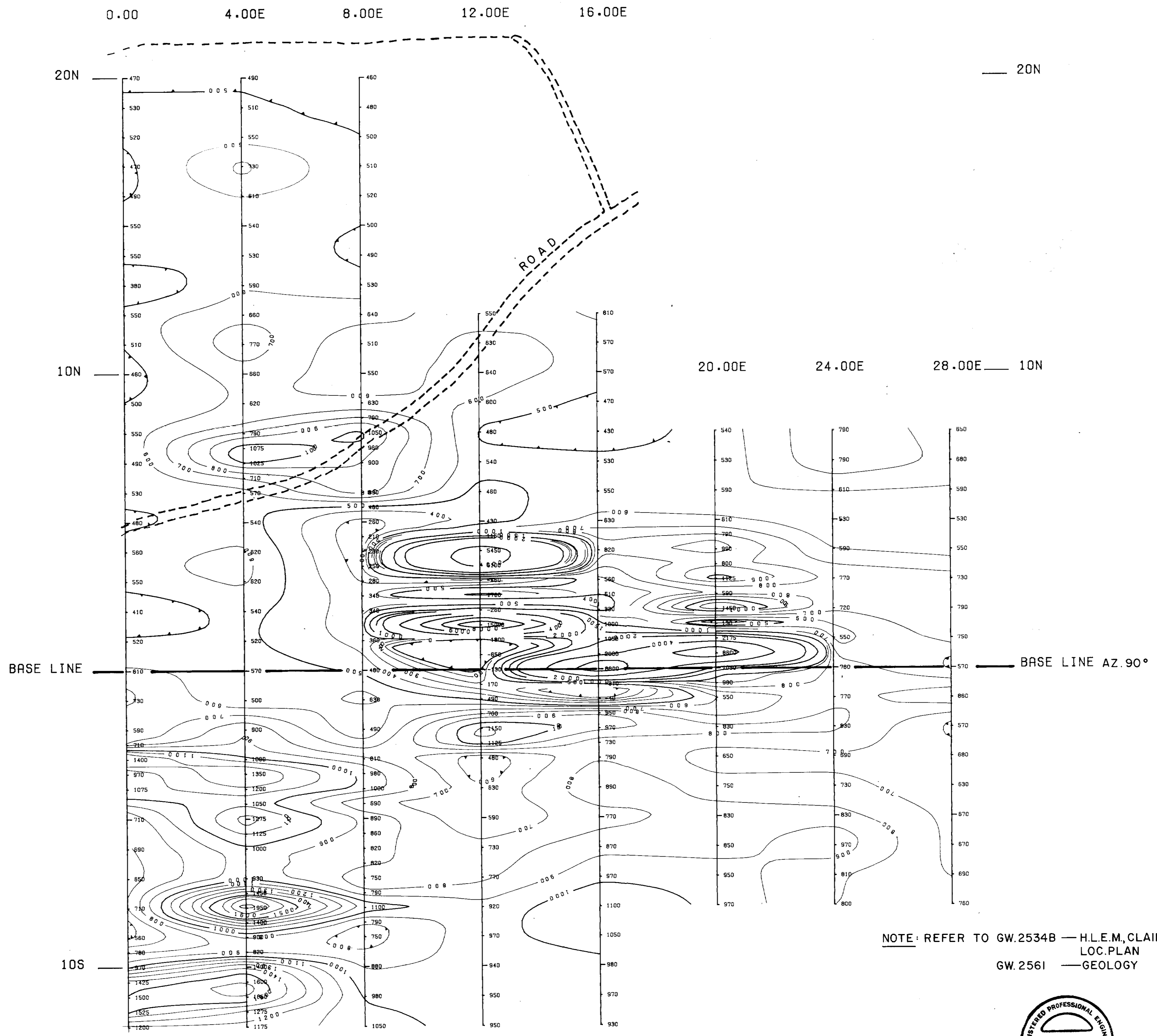
MAGNETOMETER INSTRUMENT
 TYPE: McPHAR M-700
 Readings in Gammas: $\begin{matrix} 780 \\ 690 \end{matrix}$
 Base:
 Profile:
 Contour Interval: Every 100 Gammas to 1500 Gammas
 Every 500 Gammas thereafter



52K/01SW-0023, #1

Feb. '79	Added: Lines 12.00E - 24.00E Extended	
SELCO MINING CORPORATION (EXPLORATION DIVISION) LIMITED		
GULLWING AREA BLOCK 30-5 — MAG. SURVEY		
DRAWN BY: P.C.	DATE: JULY, 1978	PLAN NO: GW. 2533
TRACED BY: DATA PLOT	DATE: SEPT., 1978	



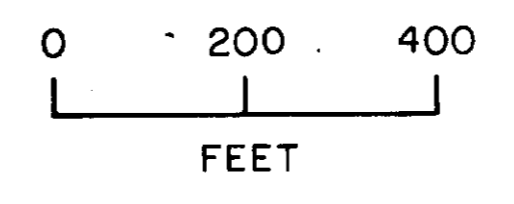


NOTE: REFER TO GW.2534B — H.L.E.M., CLAIMS, LOC. PLAN
 GW. 2561 — GEOLOGY



D. A. Hutton

MAGNETOMETER INSTRUMENT
 TYPE: McPHAR M-700
 Readings in Gammas: $\begin{matrix} 1525 \\ 1200 \end{matrix}$
 Base:
 Profile:
 Contour Interval: Every 100 Gammas to 2000 Gammas
 Every 2000 Gammas to 10000 Gammas



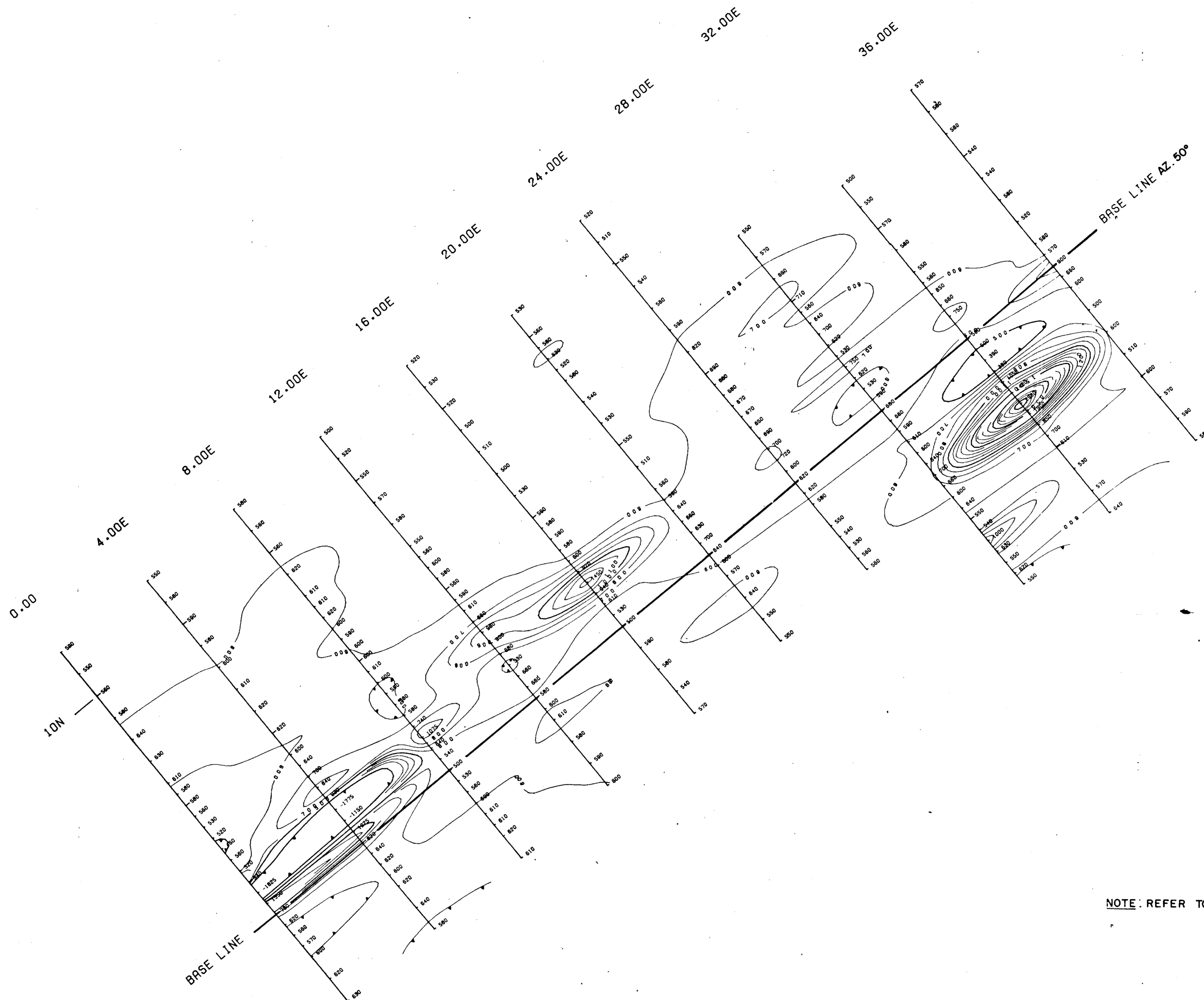
52K/01SW-0023, #3

SELCO MINING CORPORATION
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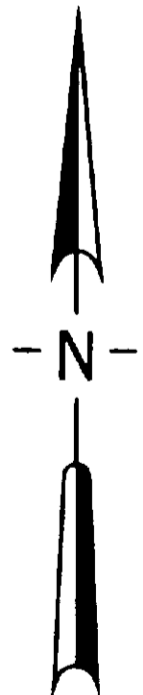
GULLWING AREA
 BLOCK 30-6 — MAG. SURVEY

DRAWN BY: P. C.	DATE: JULY, 1978	PLAN NO: GW. 2534
TRACED BY: DATAPLOT	DATE: AUG., 1978	



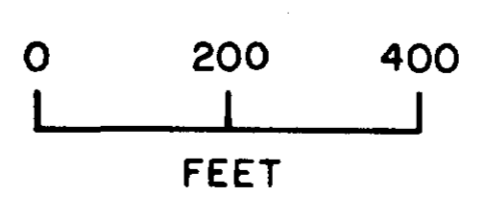


NOTE: REFER TO GW. 2543B — H.L.E.M., LOC. PLAN,
CLAIMS
GW. 2568 — GEOLOGY



D. A. Hutton

MAGNETOMETER INSTRUMENT
 TYPE: McPHAR M-700
 Readings in Gammas: $\begin{matrix} 530 \\ 660 \end{matrix}$
 Base:
 Profile:
 Contour Interval: Every 100 Gammas



52K/01SW-0023, #5

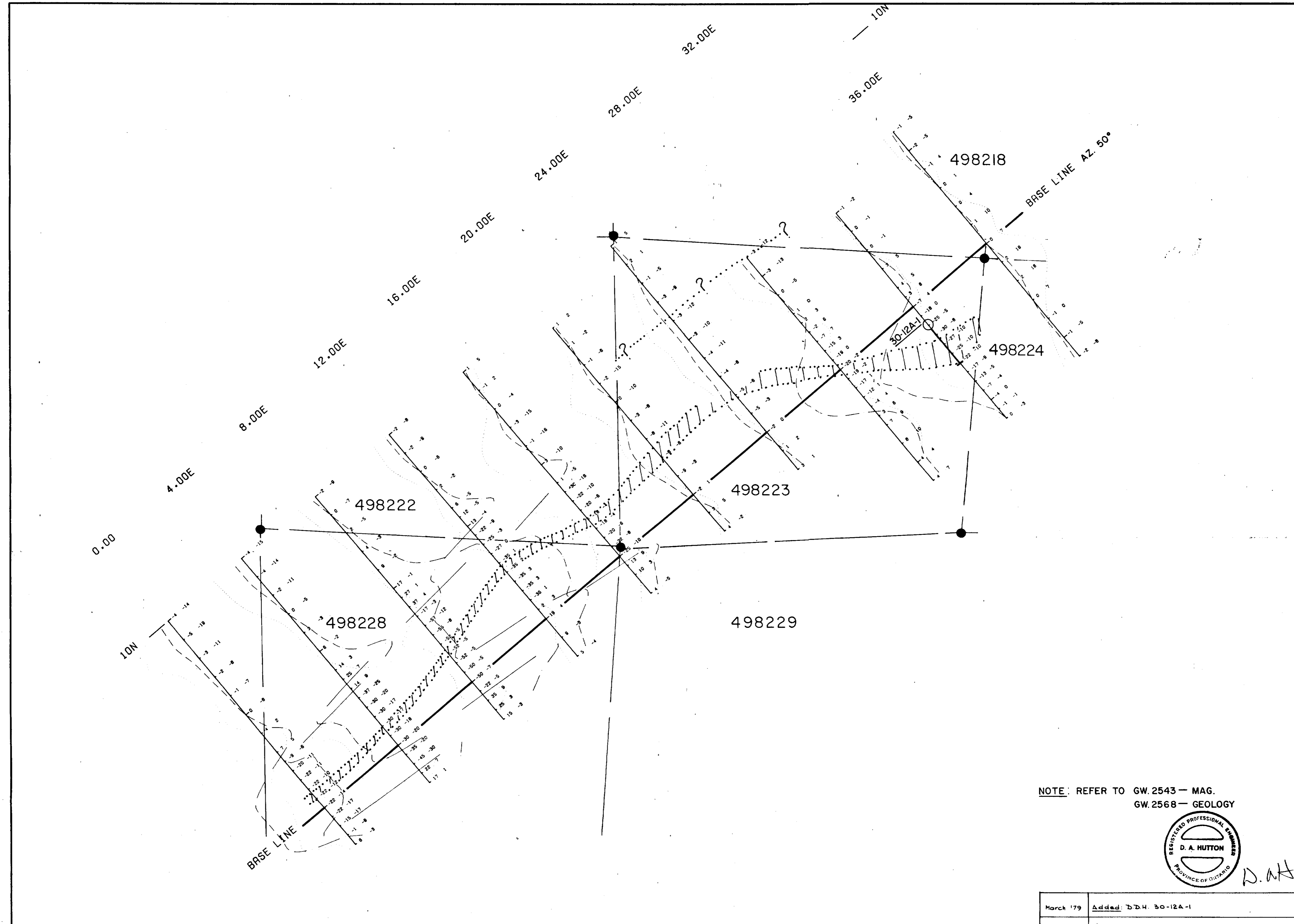
SELCO MINING CORPORATION
 (EXPLORATION DIVISION) LIMITED

GULLWING AREA

BLOCK 30-12 GRID 'A' — MAG. SURVEY

DRAWN BY	C. P.	DATE	Sept. '78	PLAN NO	GW. 2543
TRACED BY	Data Plot	DATE	Oct. '78		





NOTE: REFER TO GW. 2543 — MAG.
GW. 2568 — GEOLOGY



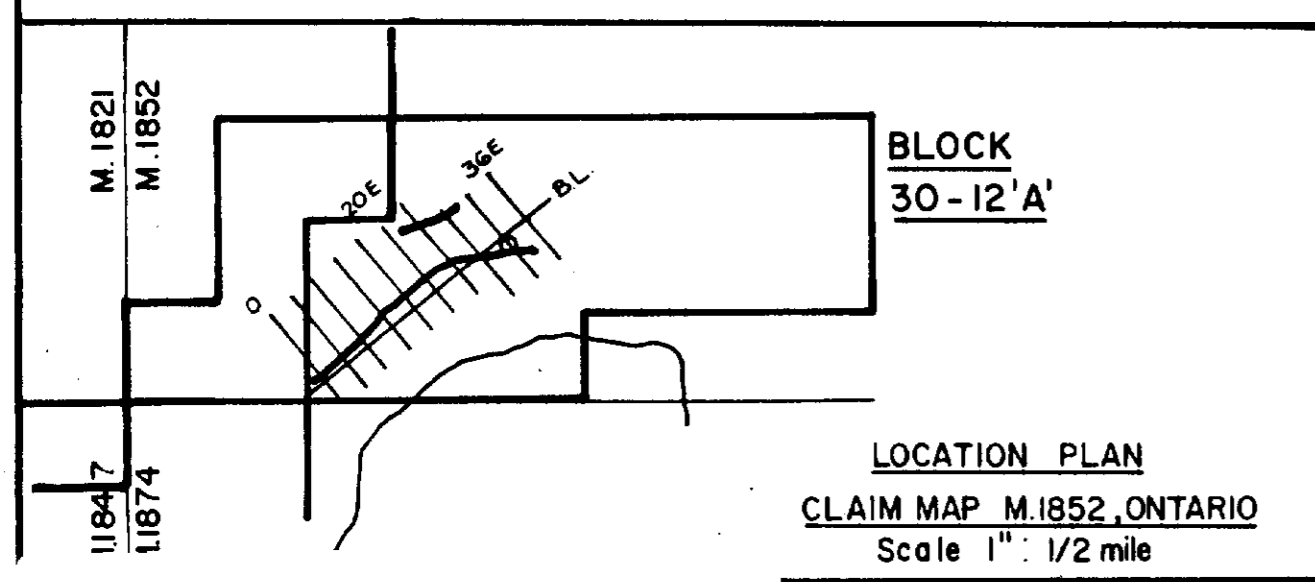
D. A. Hutton

March '79	Added: D.D.H. 30-12A-1
March '79	Amended: Claims

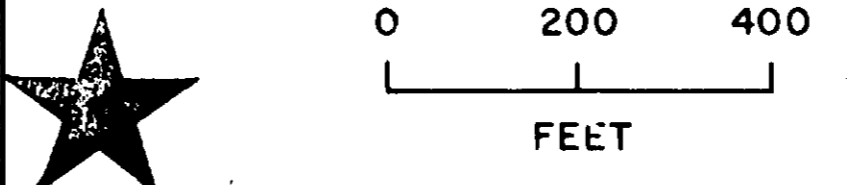
SELCO MINING CORPORATION
(EXPLORATION DIVISION) LIMITED

GULLWING AREA
BLOCK 30-12 GRID 'A' — H.L.E.M. SURVEY

DRAWN BY	C.P.	DATE	Sept '78	PLAN NO	GW. 2543 B
TRACED BY	Data Plot	DATE	Oct. '78		

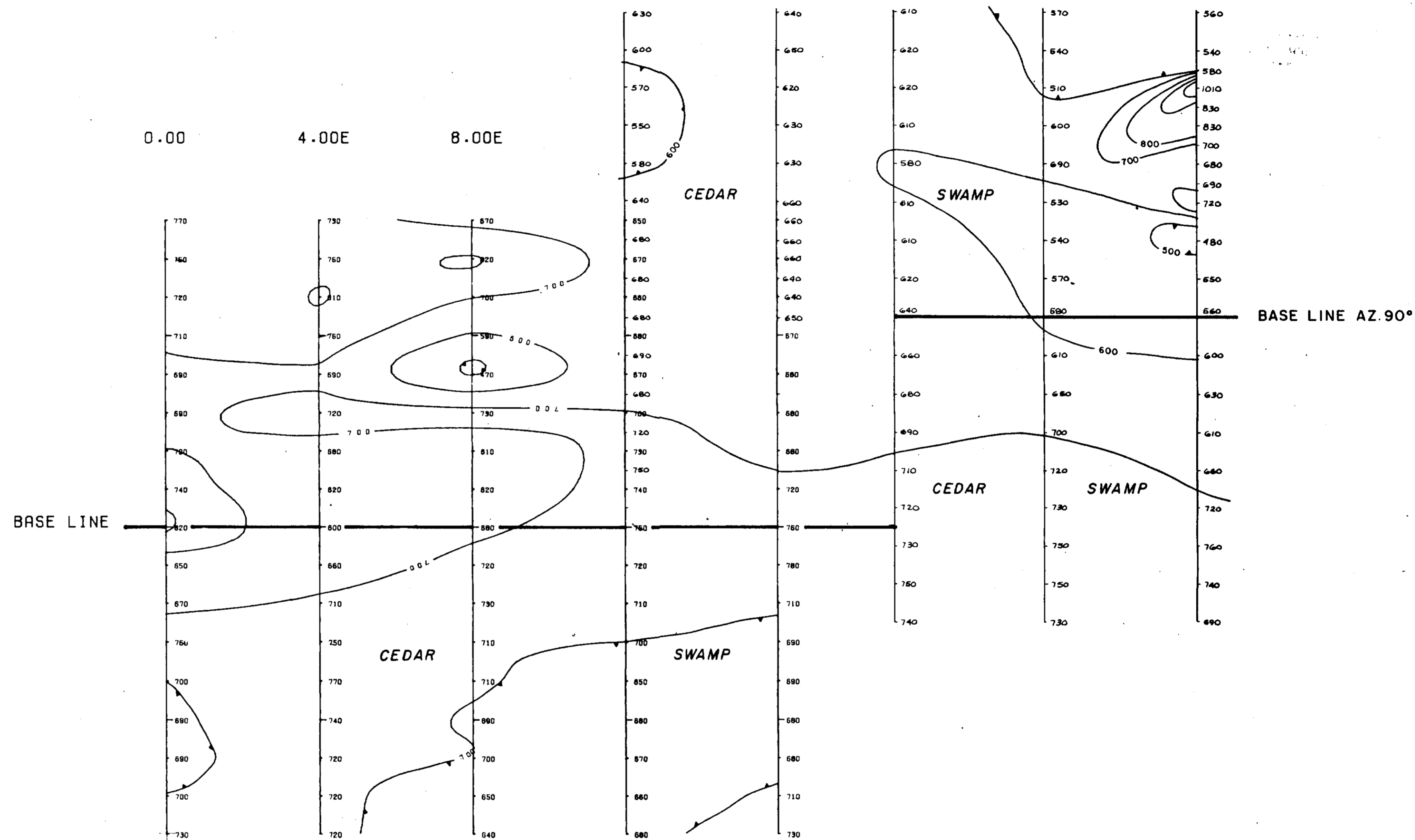


ELECTROMAGNETIC INSTRUMENT
TYPE: APEX MAX-MIN II
HORIZONTAL LOOP (Percent of Primary Field)
Frequency: 1777 Hz
Cable Length: 400'
In Phase: Out of Phase Quadrature:



52K/01SW-0023 #6



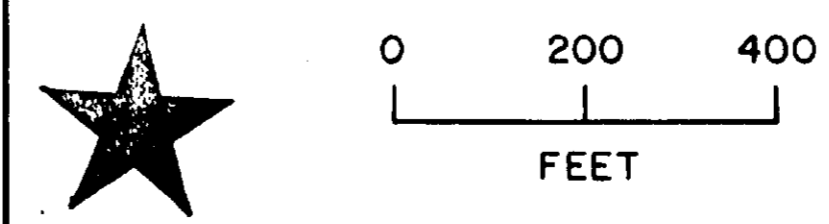


NOTE: REFER TO GW.2638 — H.L.E.M., CLAIMS, LOC. PLAN



D. A. Hutton

MAGNETOMETER INSTRUMENT
 TYPE: Mc PHAR M-700
 Readings in Gammas: [660 / 710]
 Base:
 Profile:
 Contour Interval: Every 100 Gammas



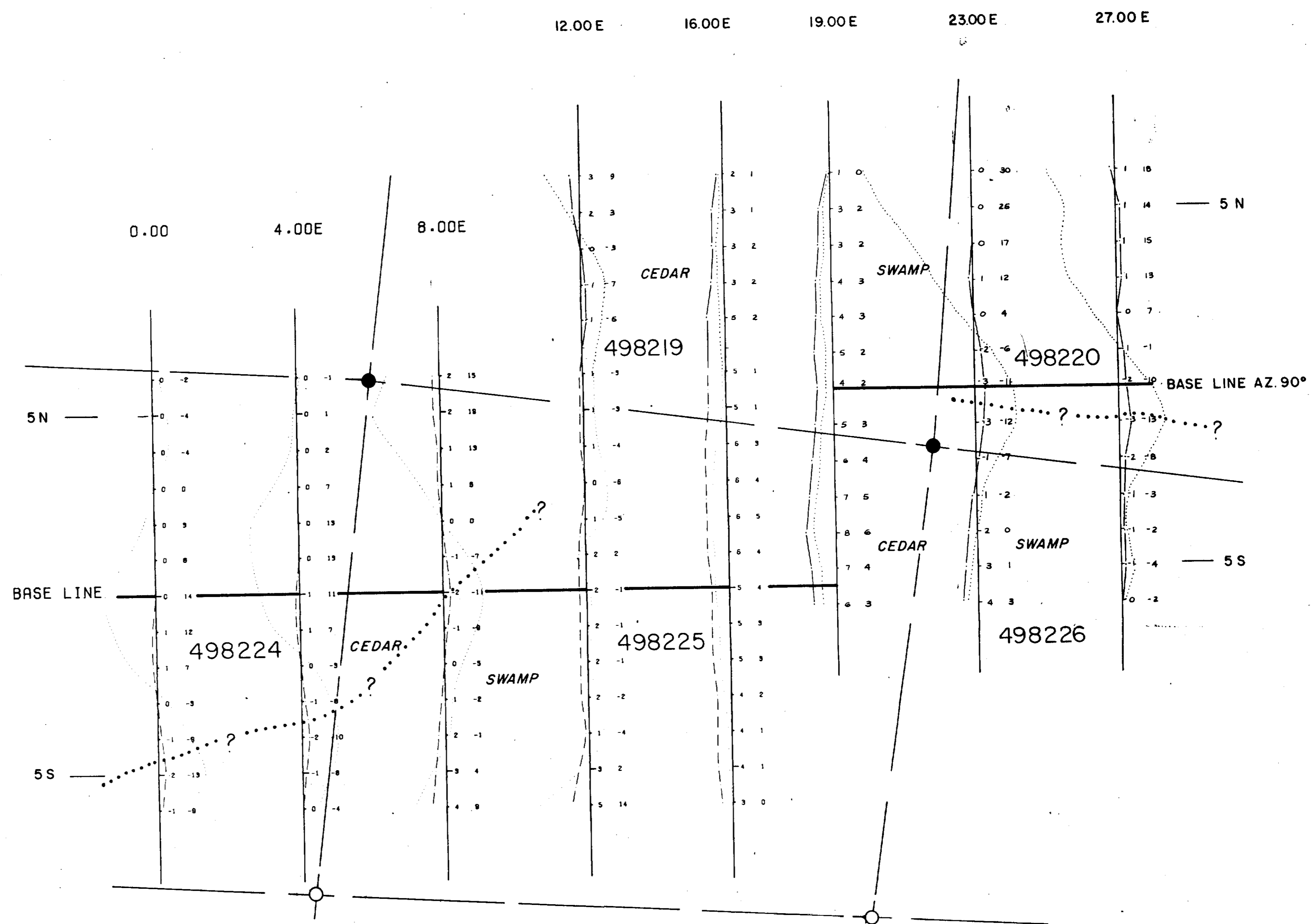
★
 52K/01SW-0023, #7

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 (EXPLORATION DIVISION) LIMITED

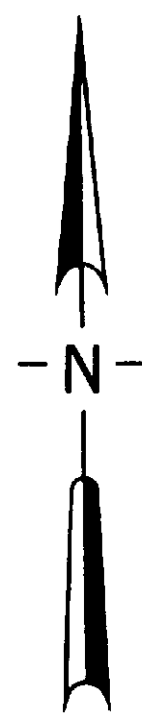
GULLWING AREA
 BLOCK 30-12. GRID 'B' — MAG. SURVEY

DRAWN BY C.P. DATE Jan, Feb. '79
 TRACED BY Data Plot DATE Feb. '79
 PLAN NO GW.2638

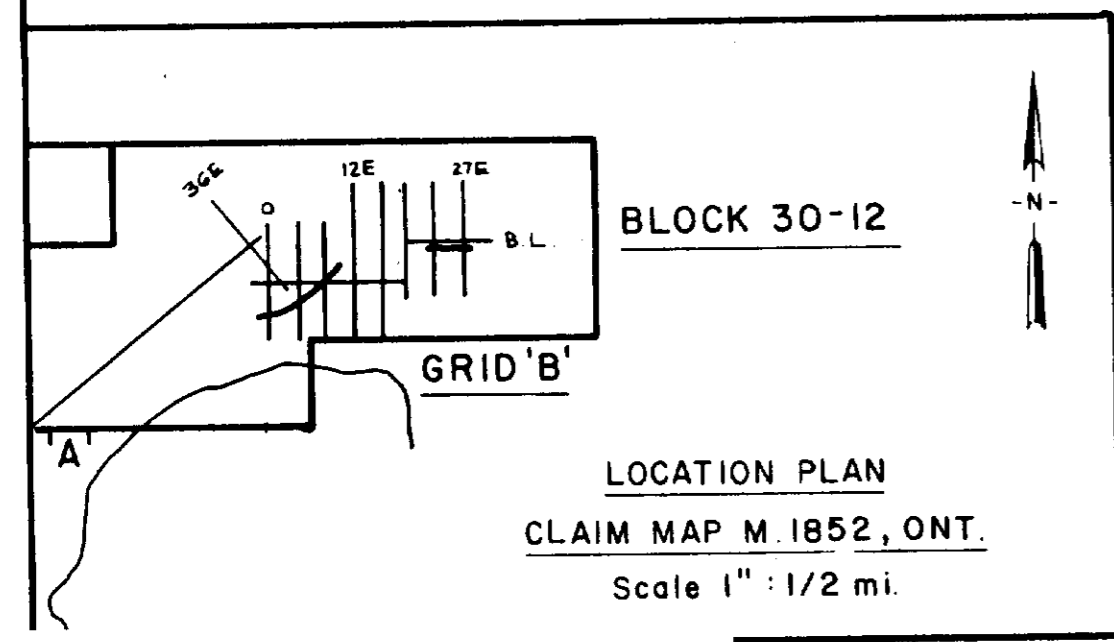




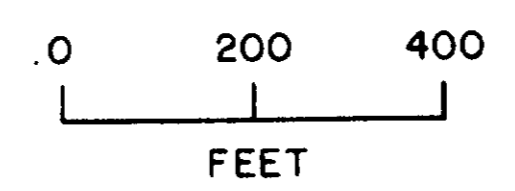
NOTE: REFER TO GW.2638 — MAG.



D. A. Hutton



ELECTROMAGNETIC INSTRUMENT
TYPE: APEX MAX - MIN II
HORIZONTAL LOOP (Percent of Primary Field)
Frequency: 1777 Hz
Cable Length: 400'
In Phase: ●●●●●● **Out of Phase Quadrature** ○○●●●●
Conductor Width: 3/4" x 1/8" x 1/8".....
Profile Scale: 1" = 20%



★
52K/01SW-0023 #8

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GULLWING AREA
BLOCK 30-12 GRID 'B' — H.L.E.M. SURVEY

DRAWN BY: C.P.	DATE: Jan. Feb. '79	PLAN NO: GW. 2638 B
TRACED BY: Data Plot	DATE: Feb. '79	

