



42A06SW0503 2.14622 FRIPP

010

GROUND MAGNETOMETER SURVEY

AND

VLF EM 16 SURVEY

FOR

DAN TICHINOFF PROPERTY

FRIPP TOWNSHIPS

DISTRICT OF COCHRANE

PORCUPINE MINING DIVISION

2.14622

RECEIVED

JUN 17 1992

MINING LANDS BRANCH

Timmins, Ontario
July, 1991

C.D. Mackenzie
Consulting Geologist

63.1225
Qual.



42A06SW0503 2.14622 FRIPP

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| | <u>MAPS</u> | <u>(Back Pocket)</u> |
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| Map A | Magnetic Survey | 1:2500 |
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Introduction:

The following report describes the results of a ground magnetometer survey and VLF EM 16 survey for Dan Tichinoff of Timmins, Ontario.

The field work was completed May 15, 1991 and the report was completed July 20, 1991.

Property Location and Access:

The Tichinoff property is located in Fripp Township, Porcupine Mining Division, Ontario.

The claim group can be reached by float plane from Porcupine Lake in approximately 15 minutes air time; or by canoe, utilizing a road and portage to the Splitrock River in one hour paddling time.

Property Description:

The property consists of 9 contiguous claims numbered as follows:

| | |
|-----------|-----------|
| P-1156078 | P-1132579 |
| P-1156079 | P-1132580 |
| P-1156080 | P-1132581 |
| P-1156081 | P-1132582 |
| P-1156082 | |

Line Cutting:

The grid was chained utilizing the metric system. Grid lines were established in an East-West direction at 100 metre intervals with pickets at 25 metre intervals.

The North-South baseline 0 + 00 was established on line 0 + 00 as required to control the grid. Lines were cut East-West from this baseline at 100 metre intervals as previously stated.

A total of 6.8 miles of picket lines were cut including one mile of baseline or a total of 11.075 kilometres.

Ground Magnetometer Survey:

The ground magnetometer survey was completed utilizing a proton magnetometer Geometrix Model G-816 capable of reading total field values to an accuracy of ± 1 gamma. Base stations were established along the baseline. Diurnal variation was corrected by tying in to the base stations every 60 minutes.

A total of 411 readings were taken. The operator was Mike Caron of 229 Ruth St., South Porcupine, Ontario.

VLF EM 16 Electromagnetic Survey:

The electromagnetic survey was carried out utilizing a Geonics EM 16, VLF EM receiver. The unit measures the vertical In-phase component (tangent of the tilt angle of the polarization ellipsoid) and the vertical Out-of-phase component (the short axis of the polarization ellipsoid compared to the long axis of the secondary field generated in the vicinity of the conductors).

The transmitter station used for the survey was NAA Cuttle with a frequency of 21.0 KHZ. All readings were taken facing North.

A total of 330 readings were taken. The operator was Mike Caron of 229 Ruth St., South Porcupine, Ontario.

Property Geology:

The claim group is underlain by early to late pre-cambrian age meta-sediments and meta volcanics intruded by diabase dikes and by granite with accompanying red aplite dikes.

The East-West striking quartz lake fault is the main structure of interest as a large quartz vein mineralized with chalco pyrite along a strike length of 2000 feet lies within one of the fracture zones and additional quartz veins are known to exist under the lake in parallel shear zones within the "red" granite.

Near the fault, the red hematite staining increases in the granite which is made up mainly of albite feldspar and quartz.

The red aplite dikes cut both the meta-volcanics and the granite. The fault lies between the meta-volcanics and the granite but is not a strike fault. The banded meta-volcanics are striking 160' and dipping 75' NE. The fault has a strike of 70' to 90' and is likely displaced by a North-South fault following the North arm of quartz lake. The main quartz vein appears to be 1 meter to 4 meter wide and is striking at 70' to 90' and dipping 75' to the North under the East arm of quartz lake.

A timbered 48' vertical shaft was sunk on the vein at a point 10' from the shore of a small bay on the South shore of the East arm of quartz lake. This shaft according to Quartz Lake Mines Ltd., prospectus of Dec. 15th, 1927, was sunk through commercial ore, a 8' tunnel was driven for 145' from the shore of Canyon Lake approximately 410 feet West of the shaft and intersected the vein at a 60' vertical depth.

Reported assays show values in copper, lead, silver and gold ranging from .08% to 10.38% copper, Tr lead to 21.89% lead and 20 cents per ton gold to \$37.80 in gold based on \$20.00 gold in 1927.

Recent sampling of the adit failed to authenticate any of the gold or lead values. From grab sampling of dumps copper assays ranging from .4 to 4% copper were obtained, the highest gold obtained was 367 ppb au. from the dump near the 48' shaft. the shaft is filled with water and crotting timbers and could not be sampled.

Results of the Magnetometer Survey:

A number of North-South anomalies were obtained designated on the magnetometer map scale 1:2500 as anomalies A, B, C, D, and E. (see back pocket of this report)

All these anomalies appear to be due to North-South striking diabase dykes.

A number of faults are shown on the map interpreted from the magnetics, the VLF survey and other sources.

Results of the VLF Survey:

Due to the East station being off the air only the South station was read. A strong VLF response through Canyon Lake appears to pick up a fault shown on the Timmins-Kirkland Lake sheet on a scale of 1" = 4 miles.

Spot checking by canoe this fault picks up on the East-West station as well. The vein along the South shore is not picked up by either station but strong positive reading using station NSS indicate a conductor in the East are of Quartz Lake. These reading are not plotted on the present map. See back pocket of this report for the VLF map scale 1:2500 with profile scale 1cm = 10%.

Conclusions and Recommendations:

Due to the lack of confirming gold values this property would have to be considered only as a possible source of flux with a recovery of the copper content from the quartz vein.

Additional claims North of the lake should be staked to cover a talc occurrence striking North-South through the property as this may enhance the value of the present claim group.

Samples from under the lake in the main shear zone in the granite should be obtained to make sure that another "renable mine" isn't lying beneath the East arm of Quartz Lake.

A large float of quartz containing visible gold South of this property at Bartlett Lake has been recorded in the past as being removed from site and crushed at South-Porcupine for the gold content reported to be of considerable value. Whether the source was near by or ^{from} the Hollinger Mine "is open for question."

Further checking of vein exposures in the Cayon Lake area is also recommended.

Respectfully submitted,

C.D. Mackenzie
C.D. Mackenzie



42A06SW0503 2.14622 FRIPP

900

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

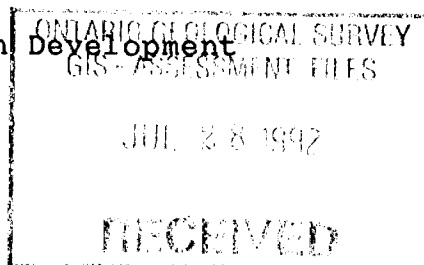
Mining Lands Branch
Geoscience Approvals Section
159 Cedar Street, 4th Floor
Sudbury, Ontario
P3E 6A5

Telephone: (705) 670-7264
Fax: (705) 670-7262

June 26, 1992

Our File: 2.14622
Transaction #W9260.0049

Mining Recorder
Ministry of Northern
Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 1A2



Dear Sir/Madam:

Subject: APPROVAL OF ASSESSMENT WORK SUBMITTED ON MINING CLAIMS
P1156079 ET AL. IN FRIPP TOWNSHIP

The assessment work credits for the Geophysical survey filed under
Section 14 of the Mining Act Regulations have been approved as
originally filed.

The approval date is June 26, 1992.

Please indicate this approval on your claim record sheets.

Yours sincerely,

Ron C. Gashinski
Senior Manager, Mining Lands Branch
Mines and Minerals Division

LJ/jl
Enclosures:

cc: Resident Geologist
Timmins, Ontario

✓ Assessment Files Office
Toronto, Ontario



Report of Work Conducted
After Recording Claim
Mining Act

Transaction Number
W9260.00049

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

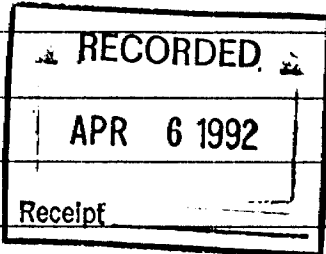
2.14622

- Instructions:
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

| | |
|---|-------------------------------|
| Recorded Holder(s) DAN TICHINOFF | Client No. |
| Address 200 WENNOY TIMMINS ONTARIO P4N 1C8 | Telephone No. 705-264-3270 |
| Mining Division PORCUPINE | M or G Plan No. M-281 |
| Township/Area FRIPP | |
| Dates Work Performed From: MAY 15, 1991 To: JULY 20, 1991 | |

Work Performed (Check One Work Group Only)

| Work Group | Type |
|-----------------------------------|---|
| Geotechnical Survey | MAGNETOMETER SURVEY - ULF EM 16 SURVEY |
| Physical Work, Including Drilling | LINE CUTTING - PROSPECTING |
| Rehabilitation | |
| Other Authorized Work | Follow-up on May 15, 1991 Survey |
| Assays | |
| Assignment from Reserve | |



Total Assessment Work Claimed on the Attached Statement of Costs \$ 7051.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

| Name | Address |
|--------------------------------|---|
| M.C. EXPLORATION SERVICES INC. | P.O. Box 362 Porcupine, Ontario P0N-1C0 |
| C.D. MACKENZIE | 100 POPULAR STREET TIMMINS ONTARIO |

RECEIVED

(attach a schedule if necessary) JUN 17 1992

Certification of Beneficial Interest * See Note No. 1 on reverse side

| | | |
|--|----------------------|---|
| I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder. | Date FEB 20, 1992 | Recorded Holder or Agent (Signature) Dan Tichinoff |
|--|----------------------|---|

Certification of Work Report

| | | |
|---|---------------------------|--|
| I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true. | | |
| Name and Address of Person Certifying MIKE CACON BOX 362 Porcupine ONTARIO P0N-1C0 | | |
| Telephone No. 705-235-8666 | Date FEBRUARY 20, 1992 | Certified By (Signature) Mike Cacon |

For Office Use Only

| | | | |
|-------------------------------------|-------------------------------------|--------------------------------|------------------------|
| Total Value Cr. Recorded 7051.00 | Date Recorded APRIL 6/92 | Mining Recorder [Signature] | RECEIVED APR 6 1992 |
| | Deemed Approval Date JULY 5th/92 | Date Approved | |
| | Date Notice for Amendments Sent | | |

[illegible][illegible][illegible]

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memoranda of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.

Signature

Date



Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs
for Assessment Credit

État des coûts aux fins
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9260.0049

Personal Information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

| Type | Description | Amount Montant | Totals Total global |
|---|---|-------------------|------------------------|
| Wages Salaires | Labour Main-d'oeuvre | | |
| | Field Supervision Supervision sur le terrain | | |
| Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil | Type CONTRACTOR | \$6,155.00 | |
| | | | |
| | | | \$6,155.00 |
| Supplies Used Fournitures utilisées | Type RECEIVED | | |
| | | | |
| | JUN 17 1992 | | |
| Equipment Rental Location de matériel | Type MINING LANDS BRANCH | | |
| | | | |
| | | | |
| RECORDED | | | |
| APR 6 1992 | | | |
| Total Direct Costs Total des coûts directs | | \$6,155.00 | |

2. Indirect Costs/Coûts indirects

** Note: When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

| Type | Description | Amount Montant | Totals Total global |
|---|--------------|-------------------|------------------------|
| Transportation Transport | Type ARCO | \$500.00 | |
| | PLANE | \$396.00 | |
| | | | |
| Sub Total of Indirect Costs Total partiel des coûts indirects | | | \$896.00 |
| Food and Lodging Nourriture et hébergement | | | |
| Mobilization and Demobilization Mobilisation et démobilisation | | | |
| Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs) | | | |
| Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) | | | \$7,051.00 |
| Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles) | | | |

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

- Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
- Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

| | |
|----------------------------------|--------------------------|
| Total Value of Assessment Credit | Total Assessment Claimed |
| x 0.50 = | |

Remises pour dépôt

PR 6 1992

- Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale énumérée du crédit d'évaluation.
- Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

| | |
|--------------------------------------|----------------------------|
| Valeur totale du crédit d'évaluation | Evaluation totale demandée |
| x 0,50 = | |

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as _____ I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

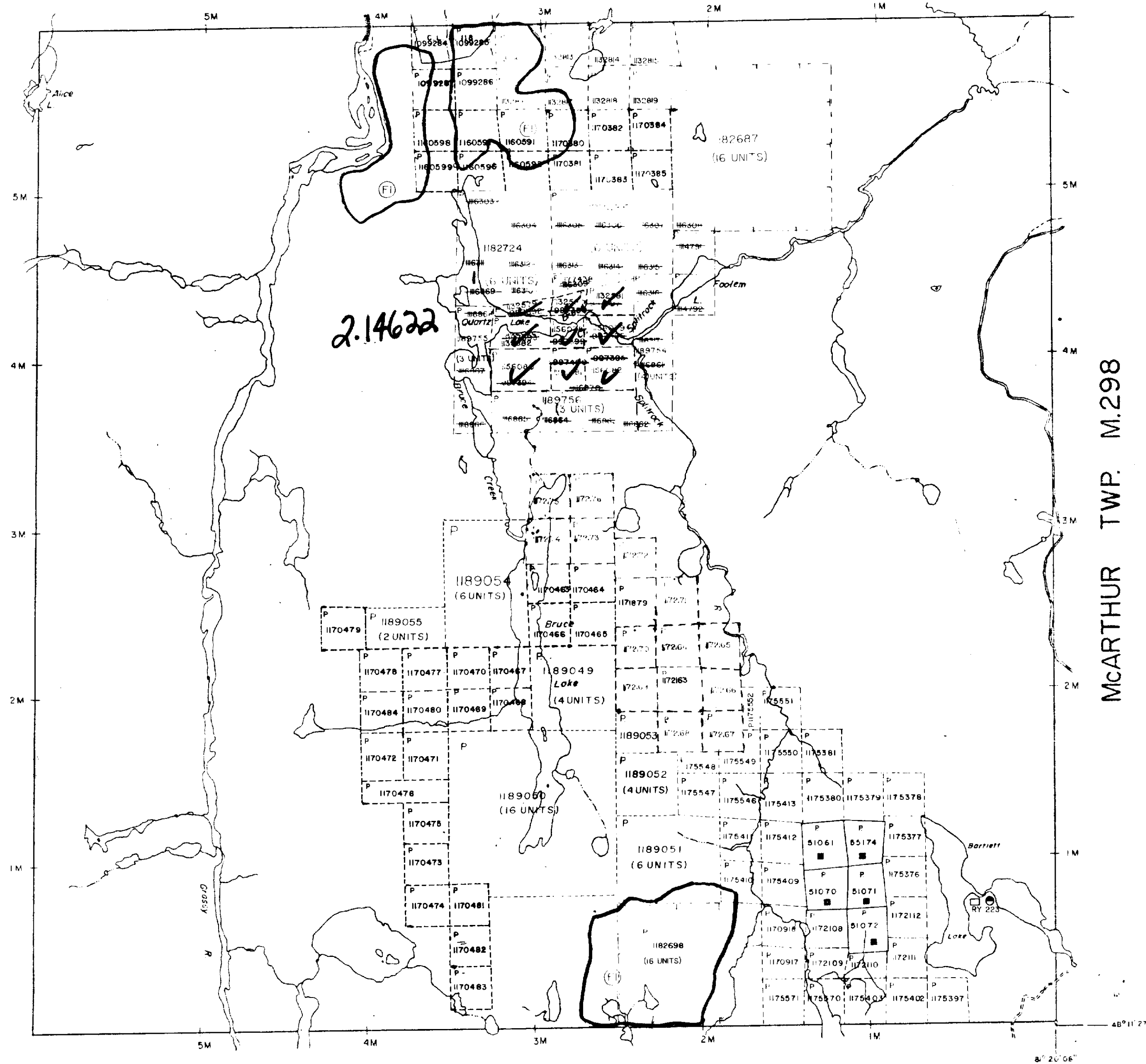
| | |
|-----------|------|
| Signature | Date |
| | |

PRICE TWP. M.307

McKEOWN TWP. M.299

McARTHUR TWP. M.298

MUSGROVE TWP. M.304



THE TOWNSHIP
OF

FRIPP

DISTRICT OF
TIMISKAMING

PORCUPINE
MINING DIVISION

SCALE: 1-INCH 40 CHAINS

DISPOSITION OF CROWN LANDS

- PATENT, SURFACE AND MINING RIGHTS C
 . . . SURFACE RIGHTS ONLY C
 . . . MINING RIGHTS ONLY C
 LEASE, SURFACE AND MINING RIGHTS C
 . . . SURFACE RIGHTS ONLY C
 . . . MINING RIGHTS ONLY C
 LICENCE OF OCCUPATION C
 ROADS C
 IMPROVED ROADS C
 KING'S HIGHWAYS C
 RAILWAYS C
 POWER LINES C
 MARSH OR MUSKEG C
 MINES C
 CANCELLED C

NOTES

400' surface rights reservation along the
shores of all lakes and rivers.

Areas withdrawn from staking under Section
43 of the Mining Act (R.S.O. 1970.)
Order N° File Date Disposition

RY 223 C. 1170479, 1170478, 1170477, 1170476, 1170475, 1170474, 1170473, 1170472, 1170471, 1170470, 1170469, 1170468, 1170467, 1170466, 1170465, 1170464, 1170463, 1170462, 1170461, 1170460, 1170459, 1170458, 1170457, 1170456, 1170455, 1170454, 1170453, 1170452, 1170451, 1170450, 1170449, 1170448, 1170447, 1170446, 1170445, 1170444, 1170443, 1170442, 1170441, 1170440, 1170439, 1170438, 1170437, 1170436, 1170435, 1170434, 1170433, 1170432, 1170431, 1170430, 1170429, 1170428, 1170427, 1170426, 1170425, 1170424, 1170423, 1170422, 1170421, 1170420, 1170419, 1170418, 1170417, 1170416, 1170415, 1170414, 1170413, 1170412, 1170411, 1170410, 1170409, 1170408, 1170407, 1170406, 1170405, 1170404, 1170403, 1170402, 1170401, 1170400, 1170399, 1170398, 1170397, 1170396, 1170395, 1170394, 1170393, 1170392, 1170391, 1170390, 1170389, 1170388, 1170387, 1170386, 1170385, 1170384, 1170383, 1170382, 1170381, 1170380, 1170379, 1170378, 1170377, 1170376, 1170375, 1170374, 1170373, 1170372, 1170371, 1170370, 1170369, 1170368, 1170367, 1170366, 1170365, 1170364, 1170363, 1170362, 1170361, 1170360, 1170359, 1170358, 1170357, 1170356, 1170355, 1170354, 1170353, 1170352, 1170351, 1170350, 1170349, 1170348, 1170347, 1170346, 1170345, 1170344, 1170343, 1170342, 1170341, 1170340, 1170339, 1170338, 1170337, 1170336, 1170335, 1170334, 1170333, 1170332, 1170331, 1170330, 1170329, 1170328, 1170327, 1170326, 1170325, 1170324, 1170323, 1170322, 1170321, 1170320, 1170319, 1170318, 1170317, 1170316, 1170315, 1170314, 1170313, 1170312, 1170311, 1170310, 1170309, 1170308, 1170307, 1170306, 1170305, 1170304, 1170303, 1170302, 1170301, 1170300, 1170299, 1170298, 1170297, 1170296, 1170295, 1170294, 1170293, 1170292, 1170291, 1170290, 1170289, 1170288, 1170287, 1170286, 1170285, 1170284, 1170283, 1170282, 1170281, 1170280, 1170279, 1170278, 1170277, 1170276, 1170275, 1170274, 1170273, 1170272, 1170271, 1170270, 1170269, 1170268, 1170267, 1170266, 1170265, 1170264, 1170263, 1170262, 1170261, 1170260, 1170259, 1170258, 1170257, 1170256, 1170255, 1170254, 1170253, 1170252, 1170251, 1170250, 1170249, 1170248, 1170247, 1170246, 1170245, 1170244, 1170243, 1170242, 1170241, 1170240, 1170239, 1170238, 1170237, 1170236, 1170235, 1170234, 1170233, 1170232, 1170231, 1170230, 1170229, 1170228, 1170227, 1170226, 1170225, 1170224, 1170223, 1170222, 1170221, 1170220, 1170219, 1170218, 1170217, 1170216, 1170215, 1170214, 1170213, 1170212, 1170211, 1170210, 1170209, 1170208, 1170207, 1170206, 1170205, 1170204, 1170203, 1170202, 1170201, 1170200, 1170199, 1170198, 1170197, 1170196, 1170195, 1170194, 1170193, 1170192, 1170191, 1170190, 1170189, 1170188, 1170187, 1170186, 1170185, 1170184, 1170183, 1170182, 1170181, 1170180, 1170179, 1170178, 1170177, 1170176, 1170175, 1170174, 1170173, 1170172, 1170171, 1170170, 1170169, 1170168, 1170167, 1170166, 1170165, 1170164, 1170163, 1170162, 1170161, 1170160, 1170159, 1170158, 1170157, 1170156, 1170155, 1170154, 1170153, 1170152, 1170151, 1170150, 1170149, 1170148, 1170147, 1170146, 1170145, 1170144, 1170143, 1170142, 1170141, 1170140, 1170139, 1170138, 1170137, 1170136, 1170135, 1170134, 1170133, 1170132, 1170131, 1170130, 1170129, 1170128, 1170127, 1170126, 1170125, 1170124, 1170123, 1170122, 1170121, 1170120, 1170119, 1170118, 1170117, 1170116, 1170115, 1170114, 1170113, 1170112, 1170111, 1170110, 1170109, 1170108, 1170107, 1170106, 1170105, 1170104, 1170103, 1170102, 1170101, 1170100, 1170099, 1170098, 1170097, 1170096, 1170095, 1170094, 1170093, 1170092, 1170091, 1170090, 1170089, 1170088, 1170087, 1170086, 1170085, 1170084, 1170083, 1170082, 1170081, 1170080, 1170079, 1170078, 1170077, 1170076, 1170075, 1170074, 1170073, 1170072, 1170071, 1170070, 1170069, 1170068, 1170067, 1170066, 1170065, 1170064, 1170063, 1170062, 1170061, 1170060, 1170059, 1170058, 1170057, 1170056, 1170055, 1170054, 1170053, 1170052, 1170051, 1170050, 1170049, 1170048, 1170047, 1170046, 1170045, 1170044, 1170043, 1170042, 1170041, 1170040, 1170039, 1170038, 1170037, 1170036, 1170035, 1170034, 1170033, 1170032, 1170031, 1170030, 1170029, 1170028, 1170027, 1170026, 1170025, 1170024, 1170023, 1170022, 1170021, 1170020, 1170019, 1170018, 1170017, 1170016, 1170015, 1170014, 1170013, 1170012, 1170011, 1170010, 1170009, 1170008, 1170007, 1170006, 1170005, 1170004, 1170003, 1170002, 1170001, 1170000.

Φ REMOTE TOURIST CAMPS

F.-THIS TWP SUBJECT TO FOREST ACTIVITY IN 1992/93.
FURTHER INFORMATION ON FILE

JUN 16 1992

IN SERVICE NOV. 22/89

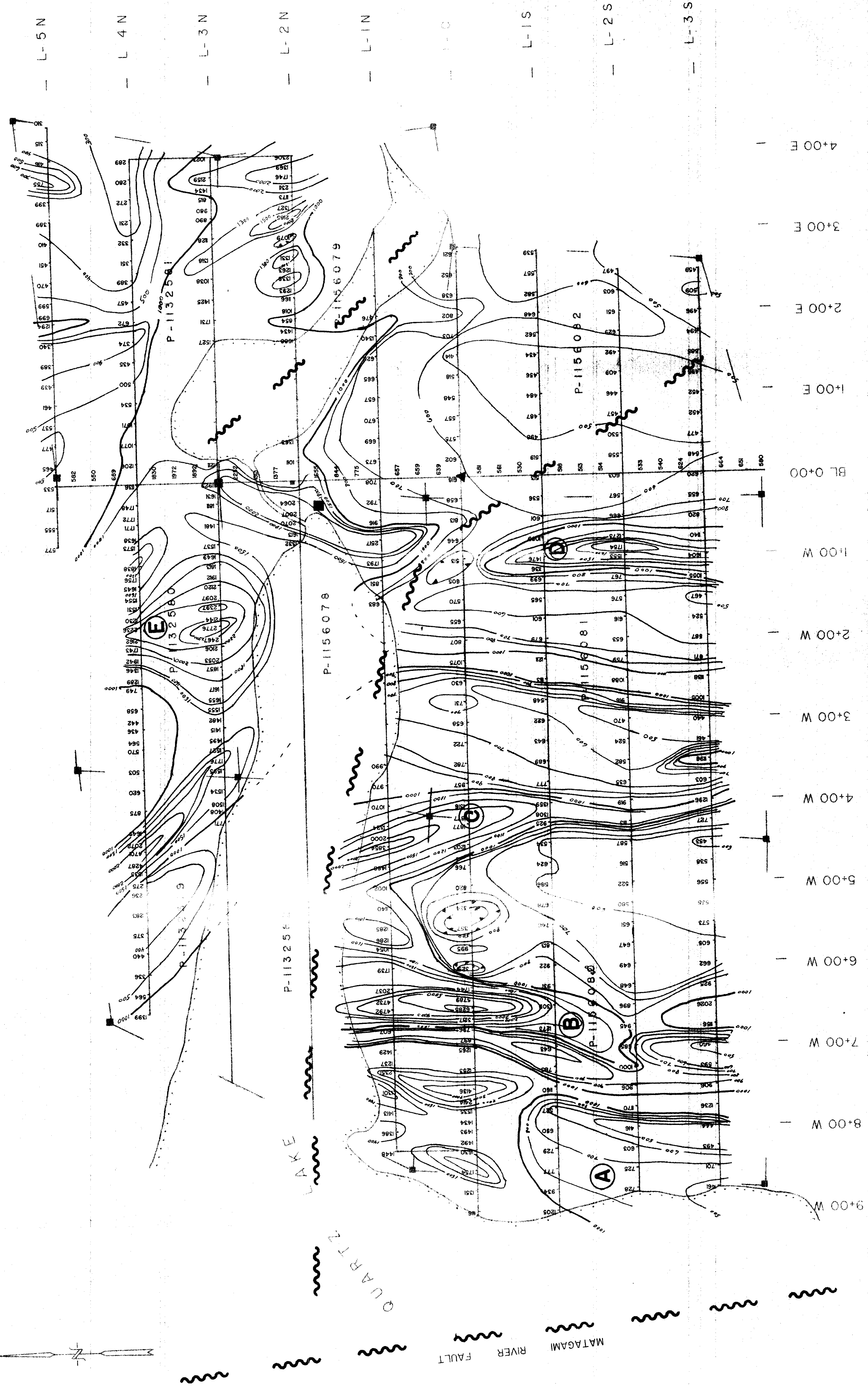
CHECKED BY S. ROWAN

PLAN NO. M. 281

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

THE INFORMATION THAT
APPEARS ON THIS MAP
HAS BEEN COMPILED
FROM VARIOUS SOURCES
AND ACCURACY IS NOT
GUARANTEED. THOSE
WISHING TO STAKE MIN-
ING CLAIMS SHOULD CON-
SULT WITH THE MINING
RECORDER, MINISTRY OF
NORTHERN DEVELOP-
MENT AND MINES FOR AD-
DITIONAL INFORMATION
ON THE STATUS OF THE
LANDS SHOWN HEREON.





TOPOGRAPHIC

| | |
|-----------------------------|--|
| Trail portage | |
| Bush road | |
| Good driving road, Highway | |
| Railroad | |
| Claim post located | |
| Claim post assumed location | |
| Witness post | |
| Creek, River | |
| Lakeshore | |
| Swamp, Bog | |
| Property boundary line | |
| Power line | |

MAGNETIC SURVEY

Add 58,000 to all reading for total field values

1000 — Contours
100 —

Depression

▲ Base Station Location BL-0+00 L-0

 Shaft

14622

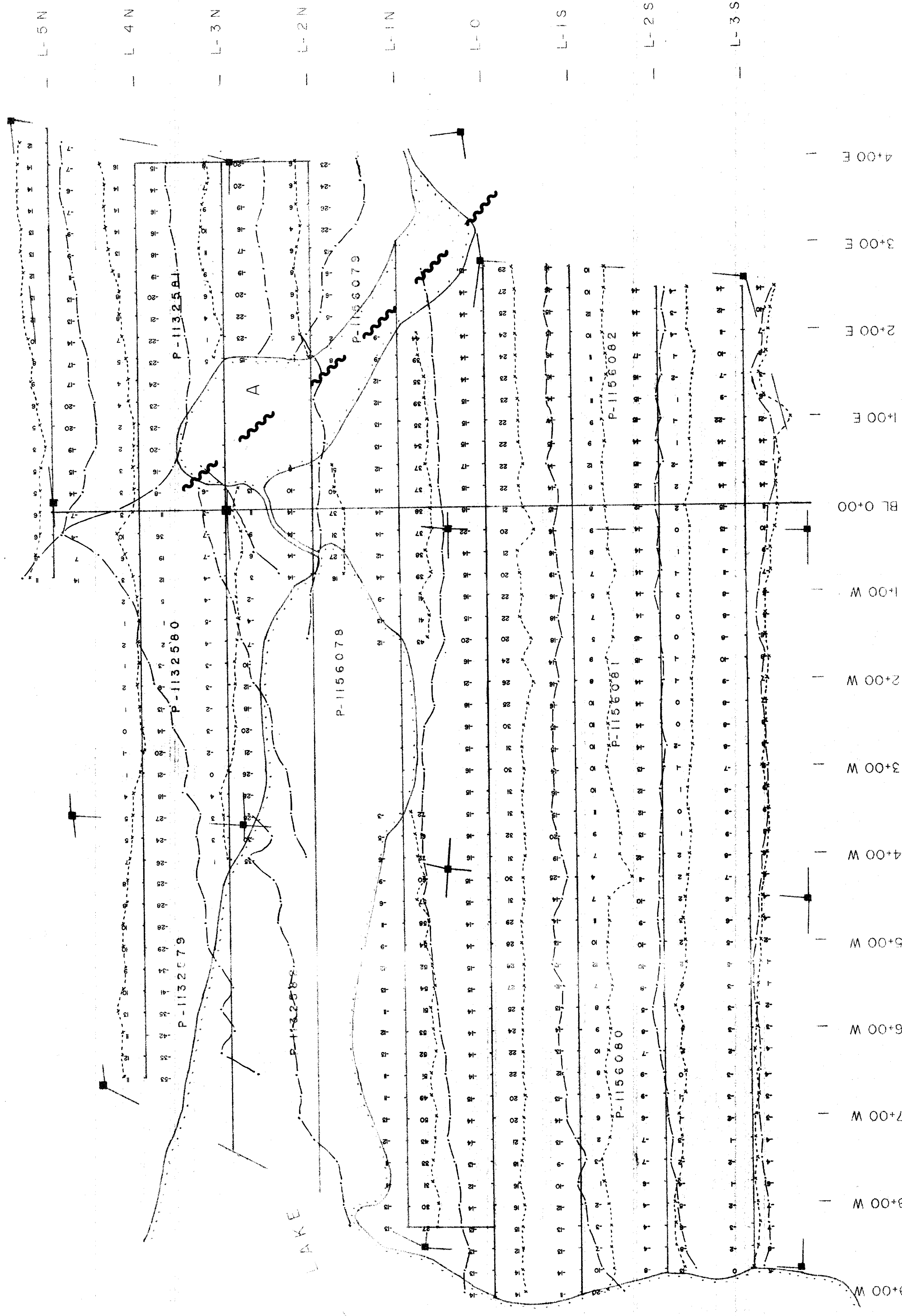
SOUTH EAST ARM PROPERTY

FRIPP TWP

Survey by: MC Exploration Services Inc.

| | |
|-------------------------------------|--------------------------|
| Instrument: Geometrics Proton G-816 | Date of survey: MAY 1991 |
|-------------------------------------|--------------------------|

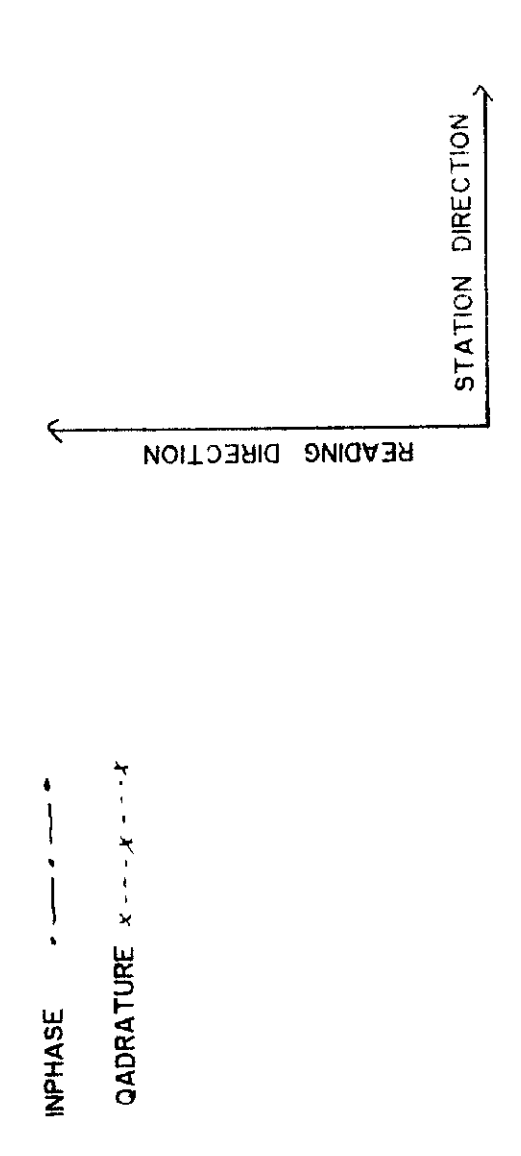
Draw by: Mike Caron



TOPOGRAPHIC

Trail portage
Bush road
Good driving road, highway
Railroad
Claim post located
Claim post assumed location
Witness post
Creek, River
Lakeshore
Swamp, bog
Property boundary line
Power line

VLF EM SURVEY



STATION USED:
Cutter Maine 24.0 KHz
PROFILE SCALE: ICM = 10%
2.14622

| | |
|-------------------------|------------------------------|
| SOUTH EAST ARM PROPERTY | |
| FRIPP TWP | |
| Survey by: | MC Exploration Services Inc. |
| Instrument: | Geonix em 16 |
| Date of survey: | MAY 1991 |

