

REPORT
of the
RECONNAISSANCE GEOLOGICAL
PROGRAM
on the
STEEL RIVER PROPERTY
for
Brain Fowler and Mike Shuman

NTS 42 D 15/SW

2.16658

RECEIVED

JUL 9 1996

MINING LANDS BRANCH

Oud #2.1019

J.G. Clark
CLARK GEOLOGICAL SERVICES

JAN. 1996





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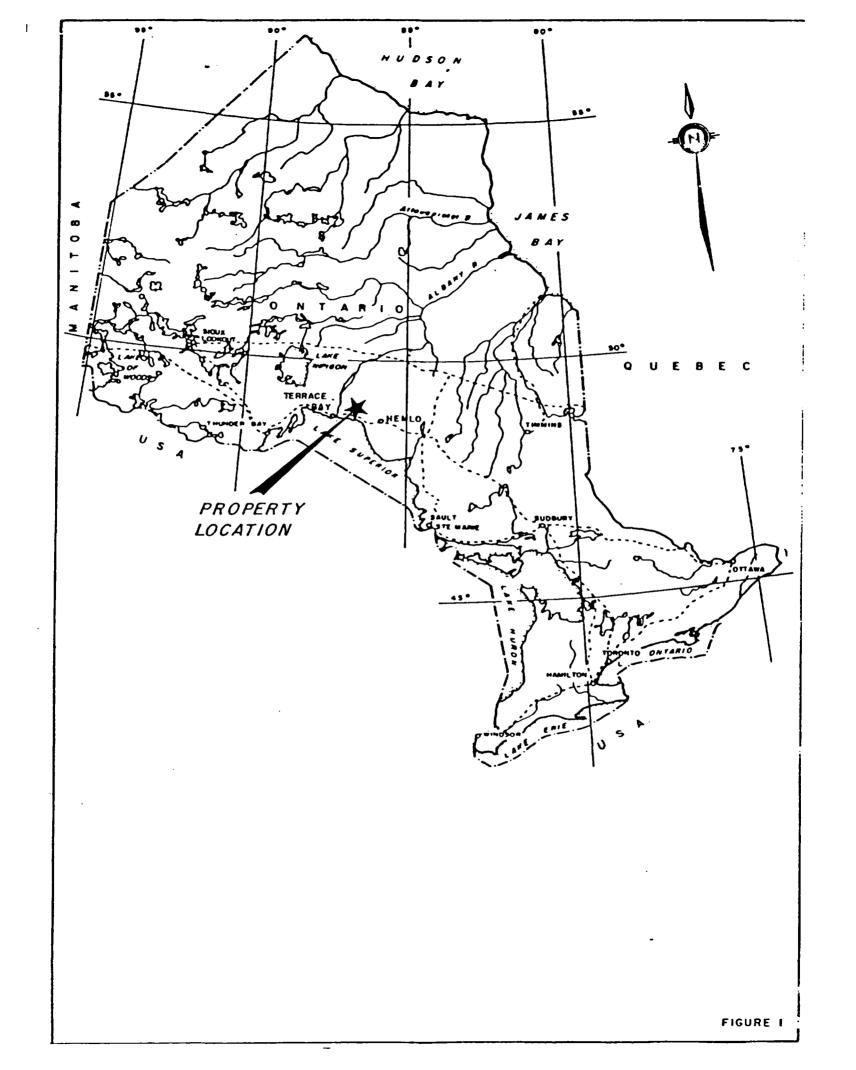
INTRODUCTION

B. Fowler and M. Shuman contracted Clark-Eveleigh Consulting to complete a geological follow-up prospecting on work completed by Echo Bay Mines Ltd. on the Steel River Property. The property consists of 25 claims (280 units) located within Tuuri Township of the Thunder Bay Mining Division of Northwestern Ontario.

LOCATION AND ACCESS

The Steel River Property is located within Tuuri Township (G-635) approximately 225 kilometres via TransCanada Highway 17 northeast of Thunder Bay, Ontario (Figure 1). The TransCanada Highway crosses the southern quadrant of the property and provides excellent access to the south half of the property. Access to the north of the property is restricted to trails along the hydro lines and helicopter. The property is centred on Latitude 45 46'00" and Longitude 86 46'00" within NTS 42 D 15/SW.

Electrical power lines and the Canadian Pacific Railway cross the property. The property is located between the towns of Terrace Bay and Marathon which can provide all supplies and manpower needed for exploration and development. Marathon is situated on a deep water port on Lake Superior.



CLAIMS

The Steel River Property consists of 25 unpatented contiguous mining claims (280 units, 4480 hectare) recorded in good standing in the Thunder Bay Mining Division within Tuuri Township (G-635)(Map 1). The claims and required assessment work are:

| CLAIMS/UNITS | ASSESSMENT WORK <u>DUE DATE</u> |
|----------------------------------|------------------------------------|
| TB 1195277 (4) TB 1195278 (4) | April 27, 1997 |
| TB 1196623 (3) | Dec. 29, 1996 |
| TB 1202266 (15) | Dec. 5, 1996 |
| TB 1202267 (16) | Dec. 3, 1990 |
| TB 1202279 (16) | Doc 20 1006 |
| TB 1204871 (16) | Dec. 29, 1996 |
| | Sept. 22, 1996 |
| TB 1204872 (16) | n |
| TB 1204873 (16) | |
| TB 1204874 (16) | 11 |
| TB 1204875 (16) | n |
| TB 1204892 (16) | " |
| TB 1204893 (16) | " |
| TB 1208592 (16) | Dec. 5, 1996 |
| TB 1208593 (1) | Dec. 29, 1996 |
| TB 1208967 (12) | Oct. 20, 1996 |
| TB 1208968 (6) | n |
| TB 1208969 (16) | 11 |
| TB 1208970 (9) | Sept. 20, 1996 |
| TB 1209502 (16) | Sept. 22, 1996 |
| TB 1224847 (15) | Dec. 5, 1996 |
| TB 1224848 (4) | n |
| TB 1207929 (16) | Feb. 27, 1997 |
| TB 1207905 (1) | • |
| TB 1207908 (2) | |
| | |

REGIONAL GEOLOGY

The project area lies within the Schreiber-Hemlo greenstone belt and represents a portion of the Abitibi-Wawa Subprovince of the Superior Province. The Abitibi-Wawa Subprovince is a supracrustal east-west trending metavolcanic-metasedimentary sequence which has been intrude by granite-syenitic plutons and metagabbroic dikes and sills.

The Schreiber portion of the belt is approximately 70 kilometres long and 25 kilometres wide (Map 2). The western portion of the belt is composed of two limbs, separated by the Crossman Lake Batholith, which form an east-west trending anticline. The northern limb, the Big Duck Lake volcanic belt is approximately 35 kilometres long and 10 kilometres wide, while the southern limb (Jackfish-Middleton Area Map 2) is approximately 50 kilometres long and 10 kilometres wide. The project area is situated in the southern limb of the belt.

The metavolcanic rocks within the Schreiber-Hemlo belt vary from calc-alkalic pyroclastics, breccias, tuffs, flows, porphyritic flows, schists and gneisses to mafic, iron-rich tholeiites which include pillowed and massive flows, tuffs, schists and gneisses. The metasedimentary rocks consist of graded turbidites, wackes, mudstones, schists, paragneisses, minor conglomerates and iron formation. Sulphide-facies iron formation and ferruginous cherts form good marker horizons and predominates in the Schreiber-Terrace Bay area. Numerous felsic batholiths, plutons, stocks and porphyry dikes, including the Terrace Bay Batholith intrude the supracrustal rocks. The supracrustal rocks have been metamorphosed under low-grade (greenschist facies) conditions in the Schreiber-Jackfish area, under medium-grade (amphibolite facies) in the Fishnet Lake area and medium to high grade (upper amphibolite) facies in the extreme northern part of the project area.

The supracrustal rocks have undergone up to 4 periods of deformation, with evidence of multiple or complex folding events. Large-scale faulting is easily recognized from airphotos.

Proterozoic(Keweenawan) rocks are represented by diabase dikes and sills, and intrusive rocks such as alkalic and carbonatite complexes as the Coldwell and Killala alkalic complexes and the Prairie Lake carbonatite, as well as mafic to felsic dikes (Table 1).

Table 1

THE PROBABLE SEQUENCE OF DEPOSITION AND INTRUSION FOR THE MAJOR UNITS (Walker, 1967).

PRECAMBRIAN

Late Precambrian

Keweenawan(?):

Diabase and lamprophyre dikes.

Syenite complex:

Trachyte, nepheline syenite, red hornblendebiotite syenite, quartz-bearing syenite, augite syenite, gabbro

INTRUSIVE CONTACT - THERMAL METAMORPHISM

Animikie(?):

Conglomerate, quartzite

UNCONFORMITY

EARLY PRECAMBRIAN

Granitic Rocks:

Aplite, pegmatite, granite to quartz diorite, syenite, granite gneiss, hybrid rocks.

INTRUSIVE CONTACT - REGIONAL METAMORPHISM FOLDING

Older Basic Intrusive Rocks:

Gabbro-diorite, hornblendite and derived amphibolite; granophyre.

INTRUSIVE CONTACT

Sedimentary Rocks:

Greywacke, slate, derived phyllite, schist and gneiss.

Quartz-feldspar-biotite schist and gneiss, migmatite.

Iron formation types: pyritic chert, sugar quartz, and siliceous, graphitic schist.

Acidic Volcanic Rocks:

Porphyry, agglomerate and tuff, derived phyllite, schist and gneiss.

Basic to Intermediate Volcanic Rocks:

Pillow lava and tuff; derived phyllite, schist and amphibolite.

Mafic pyroxene-bearing gneiss and schist.

GENERALIZED PROPERTY GEOLOGY

The Steel River Property is underlain by two distinct environments of the Schreiber-Hemlo Greenstone Belt (Map 1). The southern half of the property covers the northeast trending sequence of greywacke sediments, gabbro-diorite intrusives (ultramafic flows?), pillowed mafic volcanics and narrow felsic flows and tuffs. The northern half of the property covers the thick east-west trending mafic pillowed flows and tuffs to felsic pyroclastics, tuffs and flows. The two sequences of the property are on either side of a synclinal axis.

The northeast trending sequences in the southern half of the property are structurally complex due to the northeast trending faults (Williams 1989). Regional mapping has identified extensive carbonate alteration within the gabbro-diorite, mafic volcanic and sediment contacts along the fault structures. Alteration zones of 100's of metres are present at the contact of pillowed volcanics and graphitic pyrite bearing argillites (Schnieders 1987). Intense carbonate-silica alteration associated with green muscovite and quartz veinlets has been identified in two location approximately 2 kilometres apart (Bernie Schnieders Pers. Comm.). Pillowed flows indicate a northwest facing direction. The metamorphic grade of the south half of the property increases northward. Walker (1967) identified the biotite and garnet isograds crossing the property in a northeast trend.

The east-west trending sequences in the north half of the property consists of the south limb of a anticlinal sequence with the pillowed mafic volcanics to the south of the intermediate to felsic units. West of the property felsic intrusive dikes/sills are subcordant to stratigraphy. Sodium depletion anomalies associated to alteration have been noted within the intermediate-felsic volcanics. A large potassium radiometric anomaly has been identified in the north portion of the property. A potassium alteration ground source has not been located to date. Feldspar porphyritic intrusives have been noted within the area of the anomaly (B. Schnieders Pers. Comm.). The pillowed flows indicate a south facing direction. The metamorphic grade of the north half of the property increases northward. Walker (1967) identified the amphibolite isograd to be east-west parallel to the north boundary of the property.

EXPLORATION TARGET MODELS

The Steel River Property has had sporadic exploration for gold mineralization since the 1890's. The exploration work has concentrated on quartz vein and graphitic pyrite bearing argillite sequences. Recent geological mapping and structural studies by Bernie Schnieders (Pers. Comm.) and Howard Williams (1989) have interpreted a geological environment with similarities to Hemlo Gold Mines Inc.'s Lightning Zone in Holloway Township, Northeastern Ontario.

The northeast trending geological sequences in the southern part of the property include ultramafic units in contact with mafic volcanics and sediments. Howard Williams (1989) has interpreted the numerous northeast trending faults to be part of a belt scale deformation zone potentially similar to the Destor-Porcupine Fault (Schnieders Pers. Comm.). The complexity of the geological environment includes distinct re-folded folds with intense green muscovite carbonate alteration zones (Schnieders 1987).

Review of available data indicates the systematic exploration for a Lightning Zone type gold deposit model has not been completed on the Steel River Property. The exploration project will concentrate on evaluating the contact zones of the ultramafic, mafic volcanic and sediments for pyrite and sericite enrichment similar to the Lightning Zone. The proposed exploration program will be a comprehensive field program commencing with a geological and prospecting reconnaissance program. The geology and prospecting program will identify areas of detailed exploration including trenching, geophysics and diamond drilling.

A regional airborne radiometric survey completed by the Geological Survey of Canada has been completed on the Schrieber-Hemlo area. The survey identifies Potassium Anomalies potentailly associated to mineralization similar to the Hemlo deposits. The northern area of Steel River Property adjacent Spider Lake hosts an airborne Potassium anomaly that has not been explained.

PREVIOUS WORK

The exploration records for the property contained within the Resident Geologist Assessment Files housed in Thunder Bay indicate that exploration has been sporadically completed since 1896. Gold exploration in the area dates back to the late 1900's when the Empress Mine (Syine Township) and Fire Mountain (Tuuri Township) were located. Base metal exploration has dominated the area. The exploration of the area has been driven by discovery of mineralization in the area. The exploration concentration has peaked with the discovery of Geco (Cu, Zn) middle 1950's, Winston Lake (Zn, Cu) early 1980's and Hemlo (Au) early 1980's. Areas of previous work on the property are illustrated on Map 2.

The previous exploration work completed on the Steel River Property includes:

- 1896: W. H. Arnold (Map 2 #60) acquired a claim at the east end of the present claim block. The property was known as Fire Mountain. A discovery of a sulfide zone with gold values of up to 4 ounces gold per ton was trenched and an adit was completed. The exact location was lost until 1991.
- 1951: Work was completed on sulfide graphite horizons within mafic and felsic volcanics. The work included geological mapping, stripping, trenching and diamond drilling. The showings discovered are known as the Kingdom and Simard-Swetz Occurrences (Map 2 #34). Recent sampling by the Resident Geologist has returned values of up to 0.10 and 0.06 ounces gold per ton respectively. The area of work was in the southwest corner of the present claim block.
- 1955: Gordon Goodwin (Map 2 #10) completed a geological sampling and mapping program on a claim block on the east end of the present claim block. The results of the assays were disappointing and the claims were allowed to lapse.
- 1955: Noranda Mines Ltd. (Map 2 #26) completed a ground electromagnetic survey on a claim block covering Spider Lake at the north boundary of the present claims. No follow-up work was reported.
- 1963: Roman Corp. (Map 2 #27) completed a ground horizontal loop electromagnetic survey on a claim block covering Spider Lake at the north boundary of the present claim block. The survey failed to locate significant anomalies.

- 1964: Consolidated Mining and Smelting (Map 2 #2) completed a diamond drill program on a small block of claims on the east end of the present claim block. The diamond drill logs are filed for assessment work without assays.
- 1977: Hudson Bay Oil and Gas (Map 2 #15) completed a diamond drill program on a small claim block north of Steel Lake in the south of the present claim block. Only one hole was reported for assessment work. No significant assays are reported in the drill log.
- 1983: Del Norte Chrome Corp. (Map 2 #29) completed a ground magnetic and electromagnetic (Vlf-EM) survey on a claim block covering the in the southeast corner of the present claim block. Several electromagnetic anomalies corresponding to magnetic highs and lows were outlined. Recommendations of for further work were made but no additional data was filed for assessment.
- 1983: Teck Explorations (Map 2 #37) completed a 5 hole diamond drill program on a claim block at the northeast corner of the present claim block. No assays were included with the logs. The logs report sulfide contents of up to 10% over 1 metre.
- 1983: Marathon Minerals Inc. (Map 2 #22) completed a ground magnetic and electromagnetic (V1f-EM) survey over the east claim of the present claim block. The work was hampered by powerlines but further exploration was recommended.
- 1983-84: Cumberland Resources (Map 2 #5) completed an extensive exploration program on a large claim block over the southeast of the present claim block. The work included airborne magnetic and electromagnetic surveys, mapping, lithogeochemistry and diamond drilling (8 holes, 1598 feet). The project concentrated on base metals. The results included 0.015 ounces per ton gold, 0.02 ounces per ton silver and 0.06% zinc over 12.4 feet.
- 1983-84: Silver Sceptre Mines (Map 2 #19+43) completed a comprehensive gold exploration program over a claim block covering the south of the present claim block. The work included ground magnetic and electromagnetic (V1f-EM) surveys followed by diamond drilling. The diamond drilling totalled 4041 feet and the best results were 0.01 ounces gold per ton over 2.5 feet.

1983-87: Kingdom Resources Ltd. (Map 2 #54+18) completed a comprehensive gold exploration program over a claim block at the extreme south of the present property. The work included airborne and ground magnetic and electromagnetic surveys (Vlf-EM), soil geochemistry, geological mapping and 4 diamond drill holes. The surface sampling returned assays up to 0.08 ounces gold per ton and 0.61 ounces silver per ton. The diamond drill holes targeted anomalous gold trends associated to graphitic, pyrite bearing argillites. The drill holes intersected graphitic, pyritic argillites and assayed:

| DRILL HOLE | Ounces Gold per Ton/ Metres |
|---------------|---|
| DDH-01 | 0.027/ 3.0 0.036/ 3.0 (consecutive) |
| DDH-03 | 0.025/ 3.0 |
| DDH-04 | 0.025/ 3.0 |

- 1988: Noranda Exploration Company Ltd. (Map 2 #57) completed a mapping and lithogeochemistry program over a claim block, south of Spider Lake, in the north of the present claim block. The survey outlined a sodium depletion zone but follow-up work is not reported.
- 1991: George Daniels (Map 2 #60) completed a prospecting, mapping and sampling program assisted by Ontario Prospectors Assistance Program. The work covered was completed in an area in the east boundary of the present claim block. The work located the Fire Mountain adit and trenches. The prospecting of the area located various new occurrences that assayed up to 0.02 ounces gold per ton.
- 1994: Echo Bay Mines Ltd. completed a geological recon program on the property. A total of 477 samples were taken and analyzed for gold. The work was completed on traverses accessed by helicopter or roads.

1995 PROSPECTING PROGRAM

The 1995 prospecting consisted of four days of prospecting within the area of the Steel River Property. Dave MacLean and Mike Grieve completed the program to follow-up the interesting assays and mineralized environments located by the Echo Bay work. Since the completion of the Echo Bay work 2 additional claims were acquired near the Prairie River occurrence and this area was covered by the present program.

A total of 7 samples were taken and assayed by Accurassay Labs. of Thunder Bay. All seven were assayed for gold and 5 for copper, lead, zinc and silver (Appendix I+II).

The results of the exploration program are presented on two 1:10000 scale maps (Map 4+5).

DISCUSSION OF RESULTS OF PROGRAM

The program concentrated on four principal areas of potential economic gold mineralization. The area along the powerline, the creek south of the powerline and Steel Mountain were all indicated as potential gold mineralization environments during the exploration program completed by Echo Bay. The area around the Prairie West occurrence had been acquired after the Echo Bay Program.

The traverse along the powerline pursued the sulfide mineralization with carbonate, silica alteration in mafic volcanics and cherty horizons (Map 4). Four samples were taken for assay from sheared silica altered mafic volcanics with 5-20% disseminated to banded pyrite (Appendix I+II). The results of the samples failed to return significant gold values.

The traverse up to Steel Mountain was completed to evaluate the green mica sericite schist located during the Echo Bay program. The present program included hand stripping on strike to the known outcrops (Map 5). Two samples were taken for analyses (Appendix I+II). The samples failed to return significant gold values.

A traverse was completed south of the powerline along a creek to evaluate the strongly altered mafic volcanics, quartz diorite and ultramafics (Map 4). One sample was taken of grey white quartz vein. the vein contained 109 ppb gold per ton (Appendix I+II).

A traverse along the claim lines of the new claims acquired near the Prairie West Showing. The traverse failed to locate any significant mineralization or potential extension of the Prairie West Occurrence.

CONCLUSIONS AND RECOMMENDATIONS

The exploration project completed on the Steel River Property followed- up the work completed by Echo Bay Mines Ltd.. The program concentrated on four specific areas. The exploration consisted of traverses and sampling in areas of potential gold mineralization. The best assay was returned from a narrow quartz vein (109 ppb gold).

The property covers favourable geology for the deposition for gold. The alteration, structure and rock types of a classic gold hosting environment are all present. Further prospecting should be completed along alteration and structural trends.

The base metal potential of the Steel Mountain and Spider Lake area was not evaluated by this program. The presence of felsic pyroclastic units and sulfides (pyrite and trace galena and sphalerite) in the Steel Mountain should be followed up. The Spider Lake area has not been examined thoroughly by one company in the past and is located in an area of known base metal mineralization.

REFERENCES

Assessment files, Schreiber-Hemlo Resident Geologist's District, Thunder Bay Mining Division, Thunder Bay, Ontario

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- Walker, J.W.R.
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- Williams, H.R.

1989: Geological studies in the Wabigoon, Quetico and Abitibi-Wawa Subprovinces, Superior Province of Ontario, with Emphasis on the Structural Development of the Beardmore-Geraldton Belt; Ontario Geological Survey, Open File Report 5724, 189p.

Statement of Qualifications

I, J. Garry Clark do hereby certify:

- I am a resident of Thunder Bay, Ontario, Canada with address 120 Robinson Drive, P7A 6G5
- I have been engaged in base and precious metal exploration as a geologist since 1983
- I am a graduate of Lakehead University, Thunder Bay, Ontario (H.B.Sc., Geology, 1983)
- I have not received, directly or indirectly, or expect to receive any interest in the company and its properties

Signature:

Name:

Date:

arry Clark

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APPENDIX I Sample Numbers, Descriptions and Assay Results

STEEL RIVER PROPERTY

| Sample Rock Type No. | | Assay for | | | or | Comments | |
|----------------------|---|--------------------|-------------|-------------|-------------|-------------|---------------------------------------|
| | | Au <i>(ppb)</i> | Ag (ppm) | Cu (ppm) | Pb (ppm) | Zn (ppm) | |
| 182201 | Sheared, sil, mafic volcanic, 20% diss Py | 12 | 3 | 46 | <1 | 75 | Power line traverse |
| 182202 | Sheared, sil, mafic volcanic, 10% diss Py | <5 | 3 | 32 | <1 | 70 | Power line traverse |
| 182203 | Sheared, sil, mafic volcanic, 5% diss Py | 6 | 3 | 32 | <1 | 92 | Power line traverse |
| 182204 | Sheared, sil, mafic volcanic, 5% diss Py | <5 | 2 | 37 | <1 | 150 | Power line traverse |
| 182205 | Medium grey to white quartz vein, minor carbonate, fractionated | 109 | | | | | Creek South of Power line |
| 182149 | Sericite Schist, minor green mica | <5 | | | | | Steel Mtn. |
| 182150 | Sericite Schist, minor green mica | 8 | | | | | Steel Mtn. |
| | | | | | | | |
| | | | | | | | · · · · · · · · · · · · · · · · · · · |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

APPENDIX II Assay Certificate

1070 LITHIUM DRIVE, UNIT 2 THUNDER BAY, ONTARIO P7B 6G3 PHONE (807) 623-6448 Page 1807) 623-6820

CLARK-EVELEIGH CONSULTING 1000 ALLOY DRIVE THUNDER BAY, ONTARIO P7B 6A5 October 10, 1995

Job #9541533

Ref: Fowler OPAP

| Sample # | | Gold | Gold |
|------------|-----------|------|--------|
| Accurassay | Customer | ppb | Oz/t |
| 1 | 182149 | <5 | <0.001 |
| 2 | 182150 | 8 | <0.001 |
| 3 | 182201 | 12 | <0.001 |
| 4 | 182202 | <5 | <0.001 |
| 5 | 182203 | 6 | <0.001 |
| 6 | 182204 | <5 | <0.001 |
| 7 | 182205 | 44 | 0.001 |
| 8 Che | ck 182205 | 109 | 0.003 |

Certified By:

___ _____

Report name:

Claim Abstract

Username:

LANDRY P

Date and Time:

1996-JUN-27 12:23

Selection Criteria: Claim Number - 1204892 To :1204892

JUNE 1/95 - HUG. 1/95

RECCEDED

RECCEDED

AUG. 10/95 X

DUNCAN MICHANO

1207 908

1204892

SEPT. 22/94

BRIAN FOULER

1204875

SEPT. 22/94

1207910

RECEIVED

9 1996

MINING LANDS BRANCH

2.16658

Report name: C

Claim Abstract

Username:

LANDRY_P

Date and Time:

1996-JUN-27 12:23

Selection Criteria: Claim Number - 1207908 To :1207908

2.000558

RECEIVED

JUL 9 1996

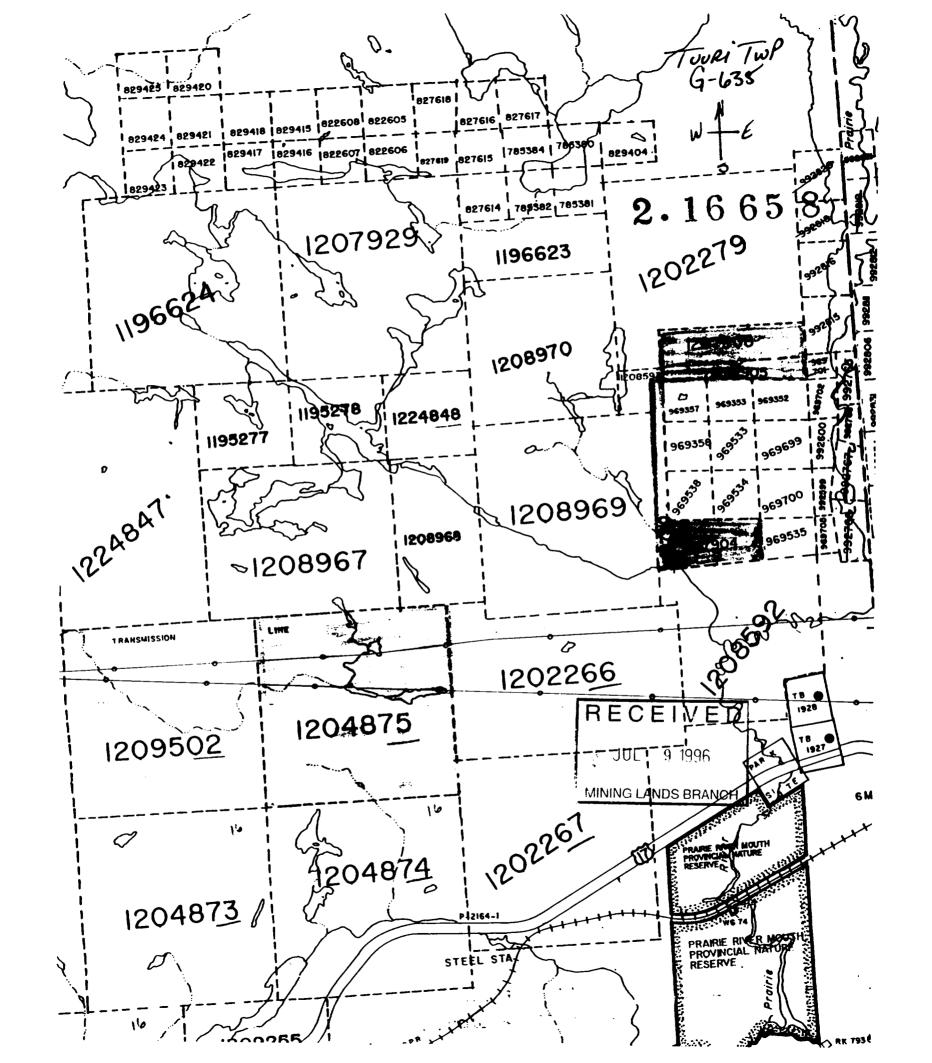
MINING LANDS BRANCH

Report name: Claim Abstract

Username: LANDRY_P

Date and Time: 1996-JUN-27 12:24

Selection Criteria: Claim Number - 1204875 To :1204875





Report of Work Conducted After Recording Claim

Mining Act

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.

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- Instructions: Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for rr

4LY 16,1996

Recorder. - A separate copy of this form must be complet - Technical reports and maps must accompany - A sketch, showing the claims the work is assi 900 (133247) 1 101 u 20159 04 CK. Telephone No. 201 962, 11 NOT TOP 29 - 3 POTALED M or G Plan No. 170165 Herc. POT ILE Township/Area Dates Work Perfor Work Performed (Check One Work Group Only) Work Group Type Geotechnical Survey Physical Work. Including Drilling Rehabilitation Other Authorized Work 9 1996 **Assays** MINING LANDS BRANCH Assignment from Reserve 4601 Total Assessment Work Claimed on the Attached Statement of Costs 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) (attach a schedule if necessary) Certification of Beneficial Interest * See Note No. 1 on reverse side Agent (Signature) 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. **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 TOWLER JE0 BRIAN THUNDER B For Office Use Only Total Value Cr. Recorded Date Recorded RECEIVED APR 1 6 1996 Deemed Approval Date

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum 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:

| or leased land at the time the work was performed. | | certify that the recorded holder had a beneficial interest in the patented released land at the time the work was performed. | Signature | rus pill | i/ | Date Pilar 4/96 |
|--|--|--|-----------|----------|----|-----------------|
|--|--|--|-----------|----------|----|-----------------|



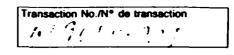
Nº-nistry of Northern Development and Mines

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





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 quesiton sur la collèce de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4⁶ étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

| Туре | Description | Amount Montant | Totals Total global | |
|---|---|-------------------|------------------------|--|
| Wages Salaires | Labour Main-d'oeuvre | 1960 | | |
| | Field Supervision Supervision sur le terrain | ten | 2360 | |
| Contractor's and Consultant's | Refort | 924. ** | | |
| Fees Droits de l'entrepreneur | Assaul Heurassai | 210200 | | |
| et de l'expert- conseil | , | | 1134 | |
| Supplies Used Fournitures utilisées | Туре | | | |
| | | | | |
| | | | | |
| Equipment Rental | Type () | 425. | | |
| Location de matériel | | | | |
| | | | 435. | |
| Total Direct Costs Total des coûts directs 3927 | | | | |

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.

| Туре | Description | Amount Montant | | Totals Total global | | |
|---|---|-------------------|-----------|------------------------|--|--|
| Transportation Transport | Type Cos 1 | 204 | | | | |
| | | | | | | |
| Γ | RECEIVE | D | | | | |
| | JUL 9 1996 | | | | | |
| | MINING LANDS BRAI | СН | | 304 | | |
| Food and Lodging Nourriture et hébergement | William | 1 | ٠ ٢, ١ | 368 | | |
| Mobilization and Demobilization Mobilisation et démobilisation | | | | | | |
| Sub Total of Indirect Costs Total partiel des coûts indirects 6 7 2 | | | | | | |
| | Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs) | | | | | |
| Total Value of Asse (Total of Direct and indirect costs) | 4601 | | | | | |

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

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

| Total Value of Assessment Credit | Total Assessment Claimel |
|----------------------------------|--------------------------|
| × 0.50 ≠ | 168 1 1'53 |
| | 10.11.L. |

Remises pour dépôt

- 1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
- 2. 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

| Valent totale du crédit d'évaluation | Evaluation totale demandée |
|--------------------------------------|----------------------------|
| × 0,50 = | * * · · / |
| Attestation de l'état des coûts | PA |

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 | A VIEW: | l an | n authorized |
|---------|---|------|--------------|
| | (Recorded Holder, Agent, Position in Company) | | |

J'atteste par la présente :

que les montants indiqués sont le plus Mact 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 | | ie suis | autorisé |
|------------------|--------------------------------------|---------|----------|
| | représentant, poste occupé dans la c | | |

| a faire cette/attestation. | | | | | |
|----------------------------|--|-----|--|--|--|
| | | | | | |
| Signature | | Day | | | |

| Signativie | les Ma: 4/96. |
|--|---------------|
| The state of the s | |

to make this certification



Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines

Geoscience Assessment Office 933 Ramsey Lake Road 6th Floor Sudbury, Ontario P3E 6B5

Telephone: (705) 670-5853 Fax: (705) 670-5863

July 11, 1996

Our File: 2.16658
Transaction #: W9640.00227

Mining Recorder
Ministry of Northern Development & Mines
435 James Street South, Suite B003
Thunder Bay, Ontario
P7E 6S7

Dear Mr. Weirmeir:

SUBJECT: APPROVAL OF ASSESSMENT WORK CREDIT ON MINING LAND, CLAIMS 1207908 ET AL IN TUURI TOWNSHIP

Assessment work credit has been approved as outlined on the Declaration of Assessment Work Form accompanying this submission. The credit has been approved under Section 12, Geology, of the Assessment Work Regulation.

The approval date is July 11, 1996.

If you have any questions regarding this correspondence, please contact Lucille Jerome at (705) 670-5858.

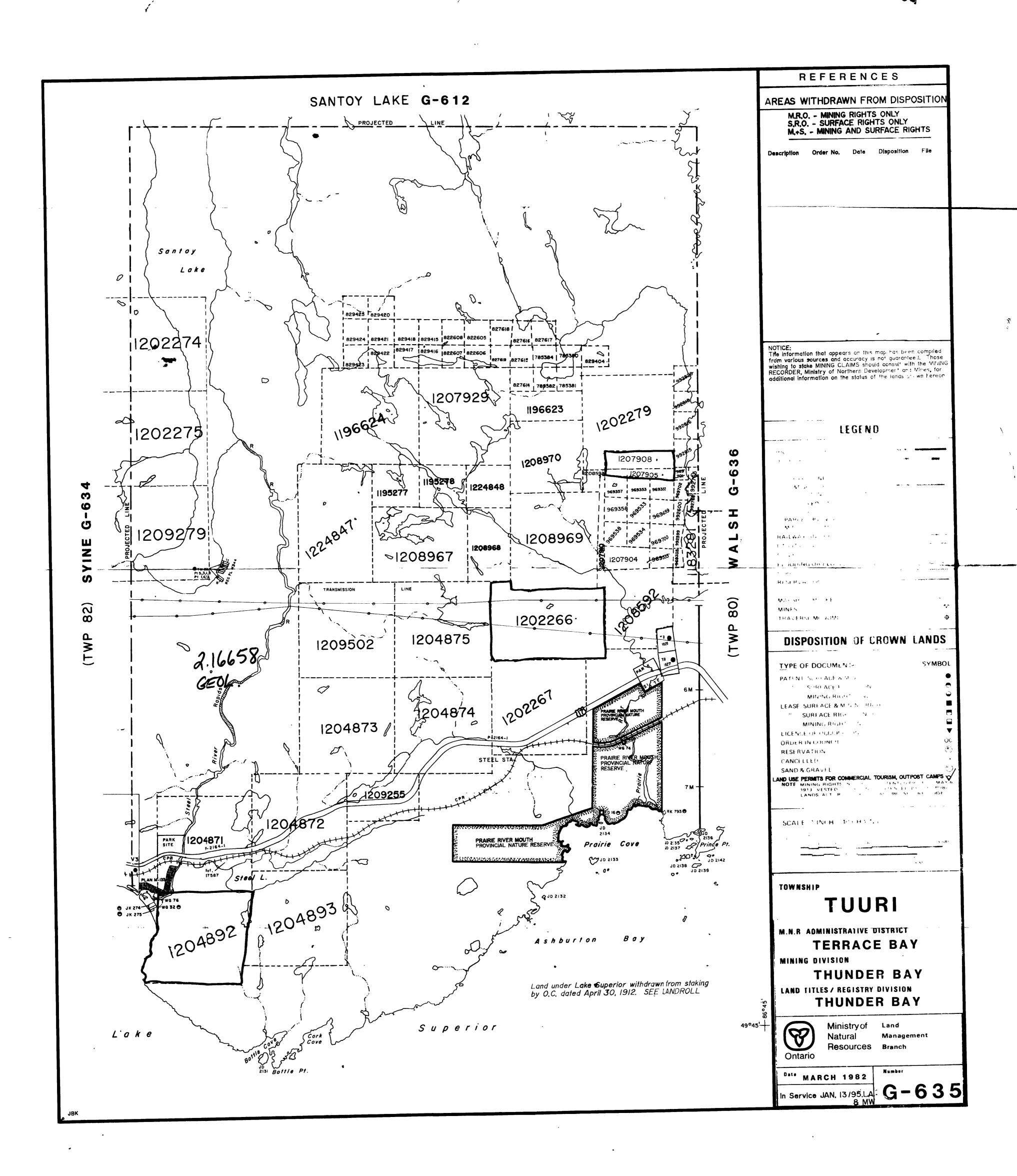
Yours sincerely, ORIGINAL SIGNED BY:

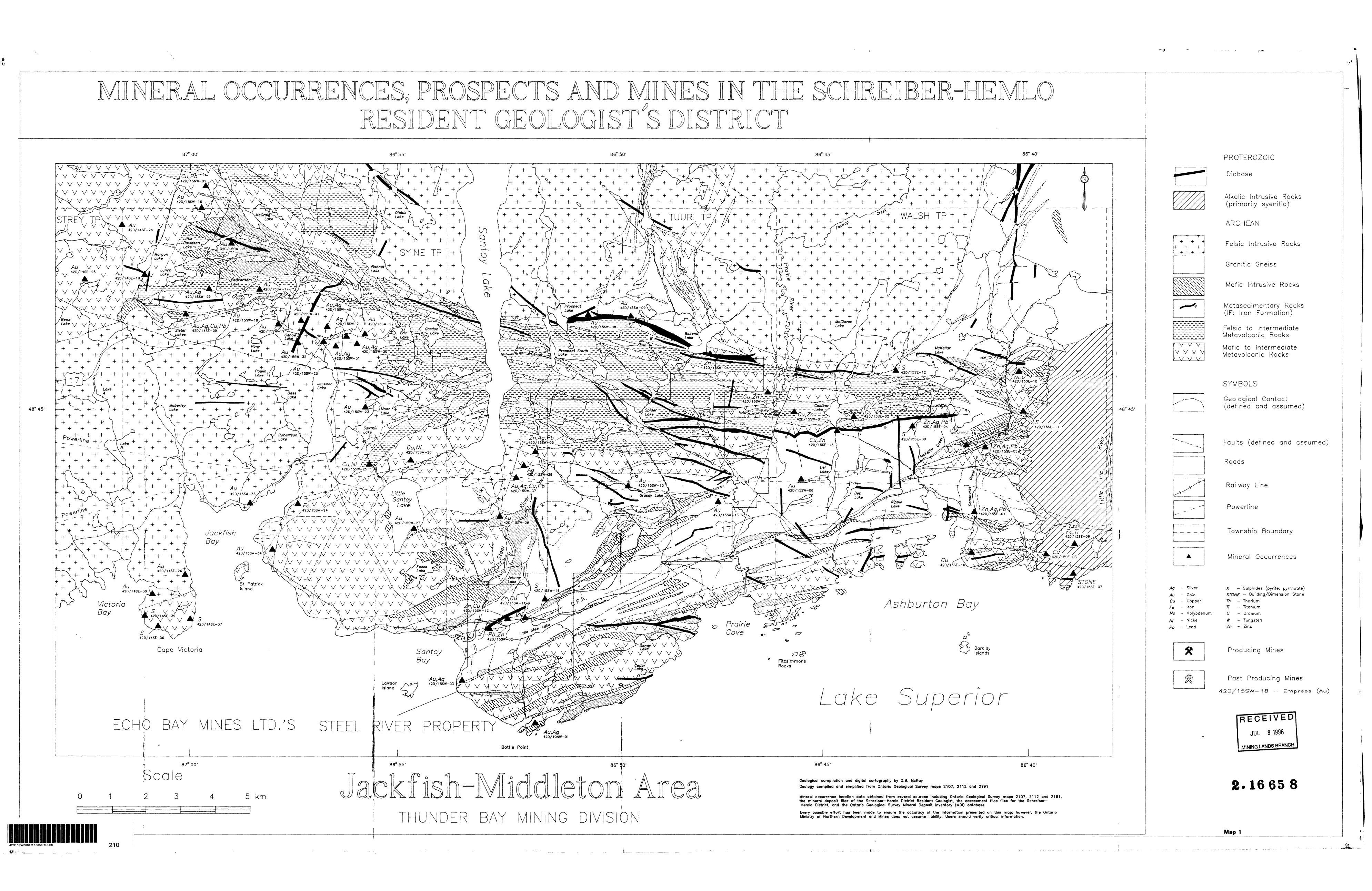
Ron cookin.

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

LBJ/cc

cc: Resident Geologist Thunder Bay, Ontario Assessment Files Library Sudbury, Ontario





MINERAL EXPLORATION INVENTORY

42D15SW

Little Santoy Lake Area LEGEND MINERAL OCCURRENCES Surface occurrence with reference number (exact location uncertain) Adit with reference number DRILL HOLES MISCELLANEOUS DATA Exploration area with reference number

2.16658

JUI 9 1996 .
MINING LANDS BRANCH

SCALE: 1 inch = 1/2 mile

Stripped area.

MAP #2

