



41P11SW0215 2.13866 ASQUITH

010

2.13866

ASSESSMENT WORK REPORT
ON
MINING CLAIMS L935312 to L935315
IN
ASQUITH TOWNSHIP
LARDER LAKE MINING DIVISION
SHINING TREE AREA
FOR
ASQUITH RESOURCES INC.

RECEIVED

JAN 25 1991

MINING LANDS SECTION

January 21, 1991
Toronto, Ontario

J. L. Tindale
Geologist

NTS 41 - P - 11



41P11SW0215 2.13866 ASQUITH

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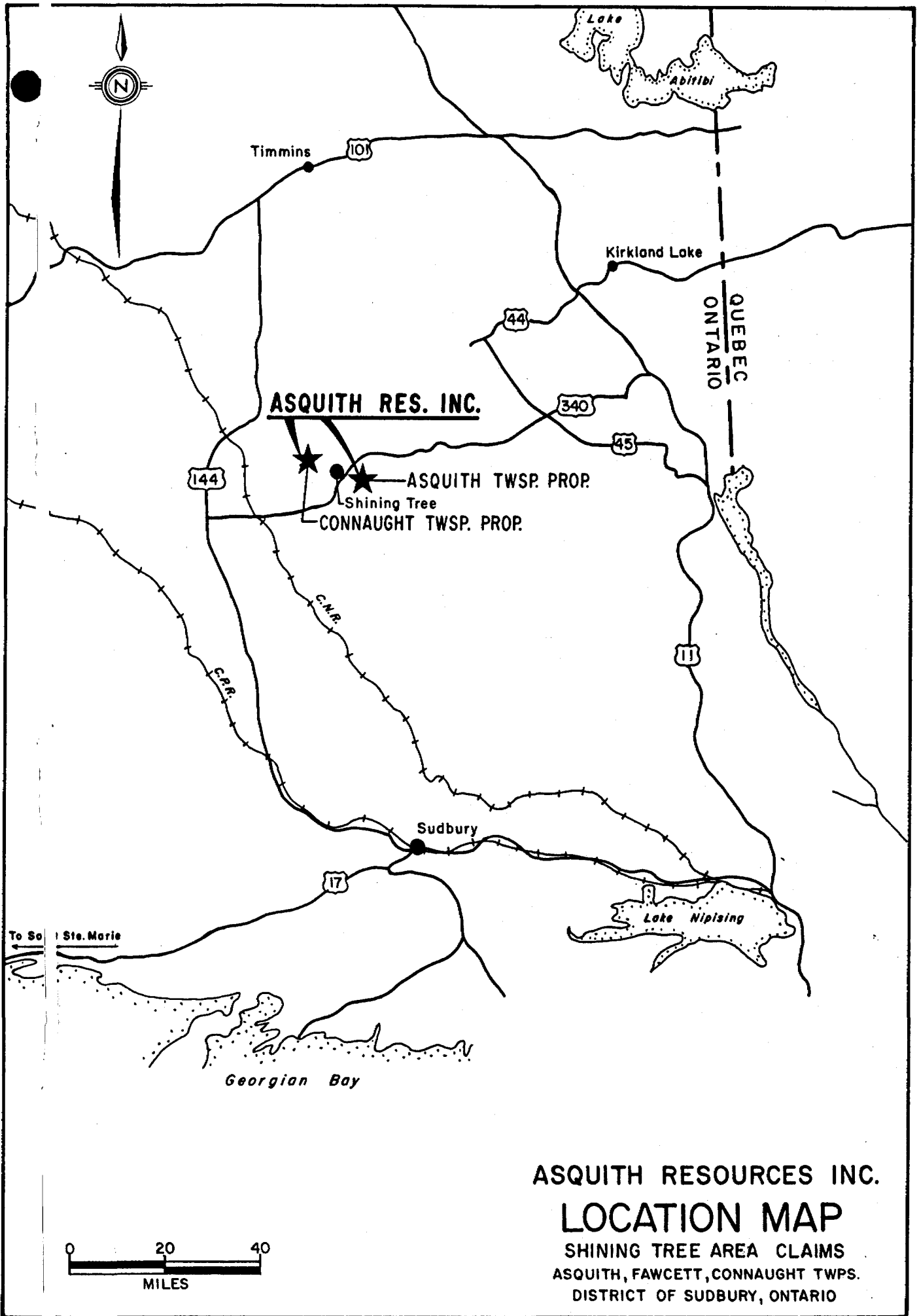
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FIGURES

FIGUR NO. 1	LOCATION MAP GENERAL	
FIGUR NO. 2	PROPERTY LOCATION MAP	SCALE 1" = 1/4 MILE

MAPS

MAP N . 2	ASQUITH TOWNSHIP PROPERTY GEOLOGY	SCALE 1" = 200'
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ASQUITH RES. INC.

ASQUITH TWP. PROP.
 Shining Tree
 CONNAUGHT TWP. PROP.

ASQUITH RESOURCES INC.
LOCATION MAP
 SHINING TREE AREA CLAIMS
 ASQUITH, FAWCETT, CONNAUGHT TWPS.
 DISTRICT OF SUDBURY, ONTARIO



INTRODUCTION

Asquith Resources Inc., 907 - 110 Erskine Avenue, Toronto, Ontario M4P 1Y4 during the summer of 1990 carried out a geological survey of a large portion of their claim holdings in east central Asquith Township. The following report covers four claims included in the larger survey.

CLAIM DATA, LOCATION, ACCESS

The four claims covered herein are numbered L935312 to L935315 inclusive.

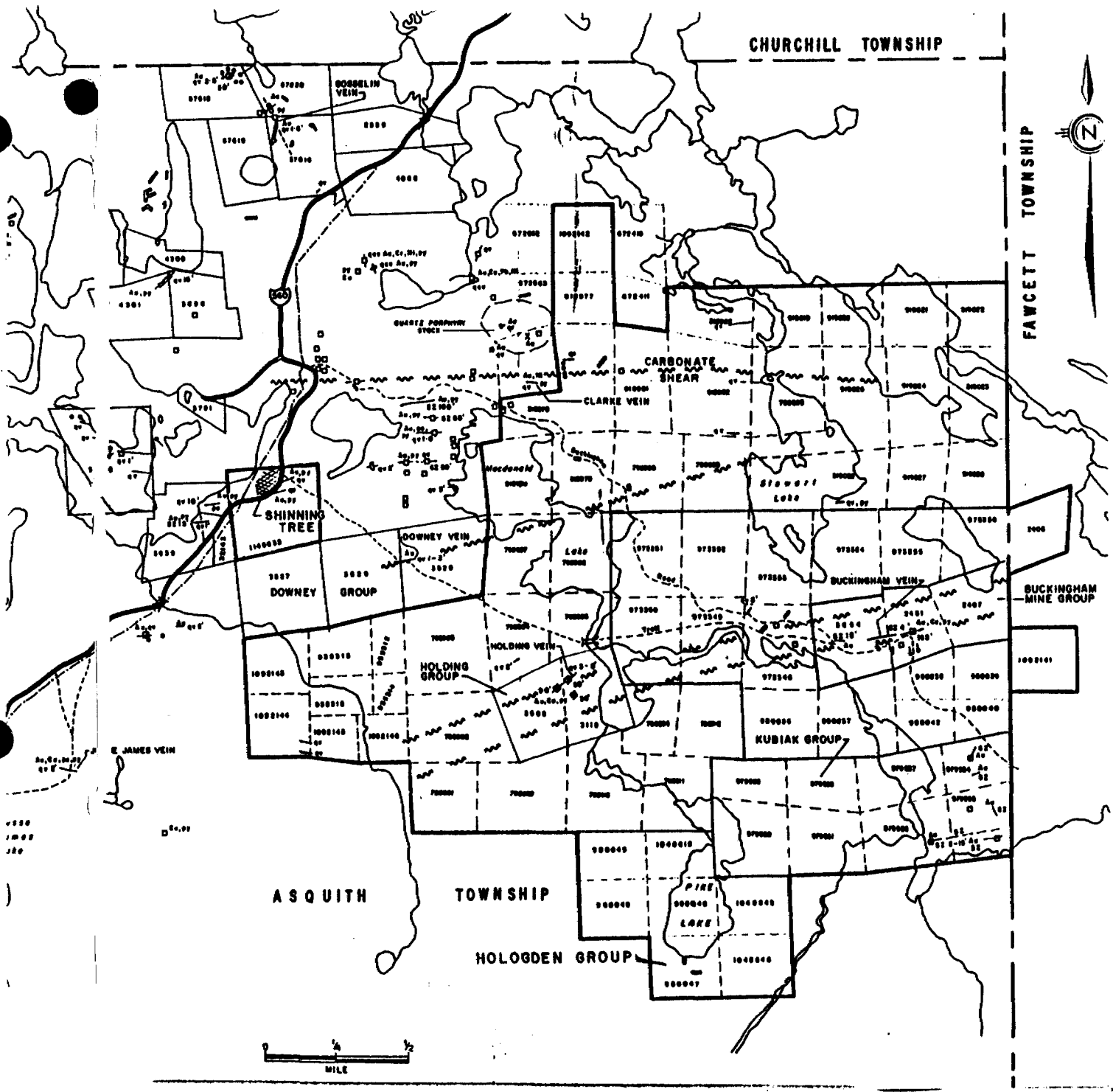
These were recorded and transferred to the Company on February 3, 1987. Linecutting was carried out over the property in September of 1987 and magnetometer and VLF-EM survey were subsequently run over the lines during the fall of 1987 and later filed for assessment work.

Access to the four claims is gained by a bush road suitable for ATV vehicles which leads southeasterly from the village of Shining Tree on Highway No. 50 for a distance of 3,500 feet to the No. 1 Post of claim L935312.

The claims are covered by second growth balsam, poplar and jackpine with cedar common in the lower ground. Outcrop is sparse making up less than 10% of the property.

GENERAL GEOLOGY

The area is underlain by Precambrian rocks which trend northwesterly and consist of a suite of mafic to felsic intrusives interlayered rarely with metasedimentary derivatives of the volcanic activity. By far, the most dominant rock type is the mafic volcanics which is predominantly black to dark green colour, fine grained and often pillowed. Interlayered with these mafic units are light green intermediate metavolcanics which are often porphyritic containing phenocrysts of blue to white quartz. Thin bands of metasediments occur in the area interbedded with the metavolcanics and these consist primarily of interflow chert, arkose and greywacke. Ultramafic intrusives grading from talc-rich serpentine bodies to dioritic and gabbroic composition also make up a portion of the interlayered volcanic sequences. Plutonic rocks of granite intrude the volcanic pile and appear as large masses bordering the area to the north, south and west. Dykes and small stocks of porphyritic granite occur within the interlayered sequence probably derived from the plutonic episode. Diabase dykes and sills with northerly trends cut all of



LEGEND	
	Quartz Vein
	Shear Zone
	Shaft, depth in feet
	Faults & Major Shear Zone
	Pit
	Trench
	D.D.Hole

ASQUITH RESOURCES INC.
PROPERTY LOCATION MAP
 ASQUITH TOWNSHIP
 Revised Mar., 1989
 MAY 1987 FIGURE 2

the preceding units noted above.

GEOLOGICAL SURVEY OF CLAIMS L935312-315 INCL.

Lincutting was carried out during September of 1987 by personnel in the employ of Exploration Debeva Inc. from Beau Canton, P.Q., subcontracted to Geosphere Consultants Inc. of 234 Donlea Dr., Toronto, Ontario. Lines were still well marked in the summer of 1990.

A central baseline with 100 foot picket stations crosses the southern boundary of the claim block from which north-south picket lines have been turned off at 400 foot intervals and picketed at 100 foot stations.

Geological mapping was completed during August of 1990 by Rob Cinitis, a contact geologist employed by J. L. Tindale & Associates Inc. His results are illustrated on Map No. 2 at a scale of 1" = 200' enclosed with this report. This map covers many of the surrounding claims therefore presenting an overall picture of the geological features in the claim area.

The claims are predominantly underlain by mafic volcanics which are mainly fine to coarse grained amphibolites with occasional fine to medium grained massive flows along the northern boundary. Both rock types are dark green in colour with the amphibolites exhibiting dark green hornblende laths parallel to the westerly foliation. Interbedded with these mafic units are east-west trending thin beds of intermediate to felsic tuffaceous rocks which are usually fine grained, varying from dark green to grey green in colour and display translucent to blue quartz-eyes (felsic) or fine grained fragments (intermediate variety). The felsic quartz-eye unit is very distinctive with 1/16" to 1/8" quartz phenocrysts occupying a very fine grained ground mass.

Diabase dykes strike north to northwesterly, dip subvertically, and cross the area bisecting the above stratigraphy. These dykes range in thickness from a few feet to over 200 feet with rapid variation along strike. Commonly they are fine to medium grained equigranular units, dark green in colour, which weather recessively and therefore occur as long continuous prominent ridges.

Quartz veins were noted at three locations within the map area sampling of which failed to return gold values of interest. Showings in the centre of the property are associated with interbeds of tuff while at the No. 1 post of claim L 35312 a 1" - 8" wide vein was found associated with mafic volcanics.

All veins noted had a northerly strike, were of the white, "ball-quartz" variety,

and probably brittle fracture fillings with little lateral or vertical extent.

DISCUSSION OF RESULTS

The only prominent feature on the claims is a strong north striking anomalous diabase dyke which forms a ridge-like feature through the centre of the claim group. This dyke bisects the westerly-striking volcanic sequence. Aside from this occurrence and a few barren quartz veins, nothing of note was located on the claim group. Outcrop exposure is poor over the group except for the diabase occurrence and if anything of economic interest exists on the claims it must be found by further detailed prospecting or by some indirect survey tool such as overburden drilling or geochemical surveying neither of which are recommended considering the results to date.

Respectfully submitted



January 21, 1991
Toronto Ontario

J. L. Tindale, P. Eng.
geologist



Report of Work (Geophysical, Geological and Geochemical Survey Act)

Type of Survey(s) GEOLOGICAL	Mining Division LARDER LAKE	Township or Area ASQUITH TOWNSHIP
Recorded Holder ASQUITH RESOURCES INC.	2.13866	Prospector's Licence No. T4759
Address 907-110 ERSKINE AVE TORONTO ONTARIO M4P1Y4		Telephone No. 416-481-5781
Survey Company J.L. TINDALE & ASSOCIATES INC.		
Name and Address of Author (of Geo-Technical Report) J.L. TINDALE 907-110 ERSKINE AVE TORONTO ONTARIO M4P1Y4		Date of Survey (from & to) Day: 5 Mo: 8 Yr: 90 Day: 20 Mo: 8 Yr: 90

Credits Required per Each Claim in Columns at right

Mining Claims Traversed (List in numerical sequence)

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

Mining Claim		Mining Claim		Mining Claim	
Prefix	Number	Prefix	Number	Prefix	Number
L	935312				
L	935313				
L	935314				
L	935315				

RECEIVED
FEB 14 1991
MINING LANDS SECTION

ONTARIO GEOLOGICAL SURVEY
GIS - ASSESSMENT FILES
APR 02 1991

Total number of mining claims covered by this report of work. **4**

Total miles flown over claim(s).
Date: **Jan 15 1991**
Recorded Holder or Agent (Signature): *J.L. Tindale*

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

Name and Address of Person Certifying: **J.L. TINDALE 907-110 ERSKINE AVE TORONTO ONTARIO M4P1Y4**
Telephone No.: **416 481 5781**
Date: **JAN 15 1991**
Certified By (Signature): *J.L. Tindale*

For Office Use Only

Total Days Cr. Recorded 80	Date Recorded Jan 22/91	Mining Recorder <i>[Signature]</i>
Date Approved as Recorded March 26/91	Provincial Manager, Mining Lands <i>[Signature]</i>	

RECEIVED
LARDER LAKE
MINING DIVISION
JAN 22 1991
TIME 10.45 am



Ontario

Ministry of Northern Development and Mines

Geophysical-Geological-Geochemical Technical Data Statement

File _____

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(s) Geological
Township or Area Asquith Township
Claim Holder(s) Asquith Resources Inc.
Survey Company J. L. Tindale & Associates Inc.
Author of Report J. L. Tindale
Address of Author 907 - 110 Erskine Ave, Toronto, Ont M4P 1Y4
Covering Dates of Survey Sept. 1, 1987 to Aug. 20, 1990
Total Miles of Line Cut

MINING CLAIMS TRAVERSED
List numerically

L 935312
(prefix) (number)
L 935313
L 935314
L 935315

SPECIAL PROVISIONS
CREDITS REQUESTED

DAYS per claim

ENTRANCE 40 days (includes line cutting) for first survey
ENTRANCE 20 days for each additional survey using same ground.

Geophysical
-Electromagnetic
-Magnetometer
-Radiometric
-Other
Geological 20
Geochemical

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

Magnetometer Electromagnetic Radiometric
(enter days per claim)

DATE: Jan. 21, 1991 SIGNATURE: Author of Report or Agent

Res. Geol. Qualifications 63:2876

Previous Surveys

Table with 4 columns: File No., Type, Date, Claim Holder

TOTAL CLAIMS _____

If space insufficient, attach list

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base station check-in interval (hours) _____

Base station location and value _____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: Fixed transmitter Shoot back In line Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

Base station value and location _____

Elevation accuracy _____

**INDUCED POLARIZATION
RESISTIVITY**

Instrument _____

Method Time Domain Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

Corrections made _____

RADIOMETRIC

Instrument _____

Value measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth - include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

Additional information (for understanding results) _____

AIRCRAFT SURVEYS

Type of survey(s) _____

Instrument(s) _____
(specify for each type of survey)

Accuracy _____
(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY - PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION

(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent
p. p. m.
p. p. b.

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, -(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
 - S.R.O. - SURFACE RIGHTS ONLY
 - M.+S. - MINING AND SURFACE RIGHTS
- | Description | Order No. | Date | Disposition | File |
|---|-----------|------|---------------|--------|
| M.N.R. RESERVE | | | S.R.O. 163003 | |
| M.N.R. RESERVE | | | S.R.O. 163005 | |
| WASTE DISPOSAL | 2/9/81 | | S.R.O. | |
| WITHDRAWAL SEC 36/80 MINING ACT ORDER W91/81 | | | | |
| 28/8/81 SURFACE RIGHTS ONLY WITHDRAWN | | | | 188517 |
| WITHDRAWAL SEC.36/80 MINING ACT ORDER W13/86 | | | | |
| 30/01/86 SURFACE+MINING RIGHTS WITHDRAWN | | | | |
| WITHDRAWAL SEC. 36/80-MINING ACT,ORDER W27/86 | | | | |
| 09/04/86, SURFACE + MINING RIGHTS WITHDRAWN | | | | |
| 0-0/89L OPENS PART OF W-27/86 | | | | |
| 0-1/86-90 NR OPENS PART OF W-27/86 | | | | |
| 0-L22-90 NR OPENS PART OF W27/86 | | | | |

APPLICATION FOR SURFACE RIGHTS
PENDING-PUBLIC LAND ACT FEBRUARY 12 1988

- SAND and GRAVEL
- M.T.C PIT 489
 - M.T.C GRAVEL PIT NO.3C-14
 - GRAVEL PIT FILE 124425
 - M.T.C PIT 3C-16
 - M.T.C GRAVEL PIT NO.3C-15

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

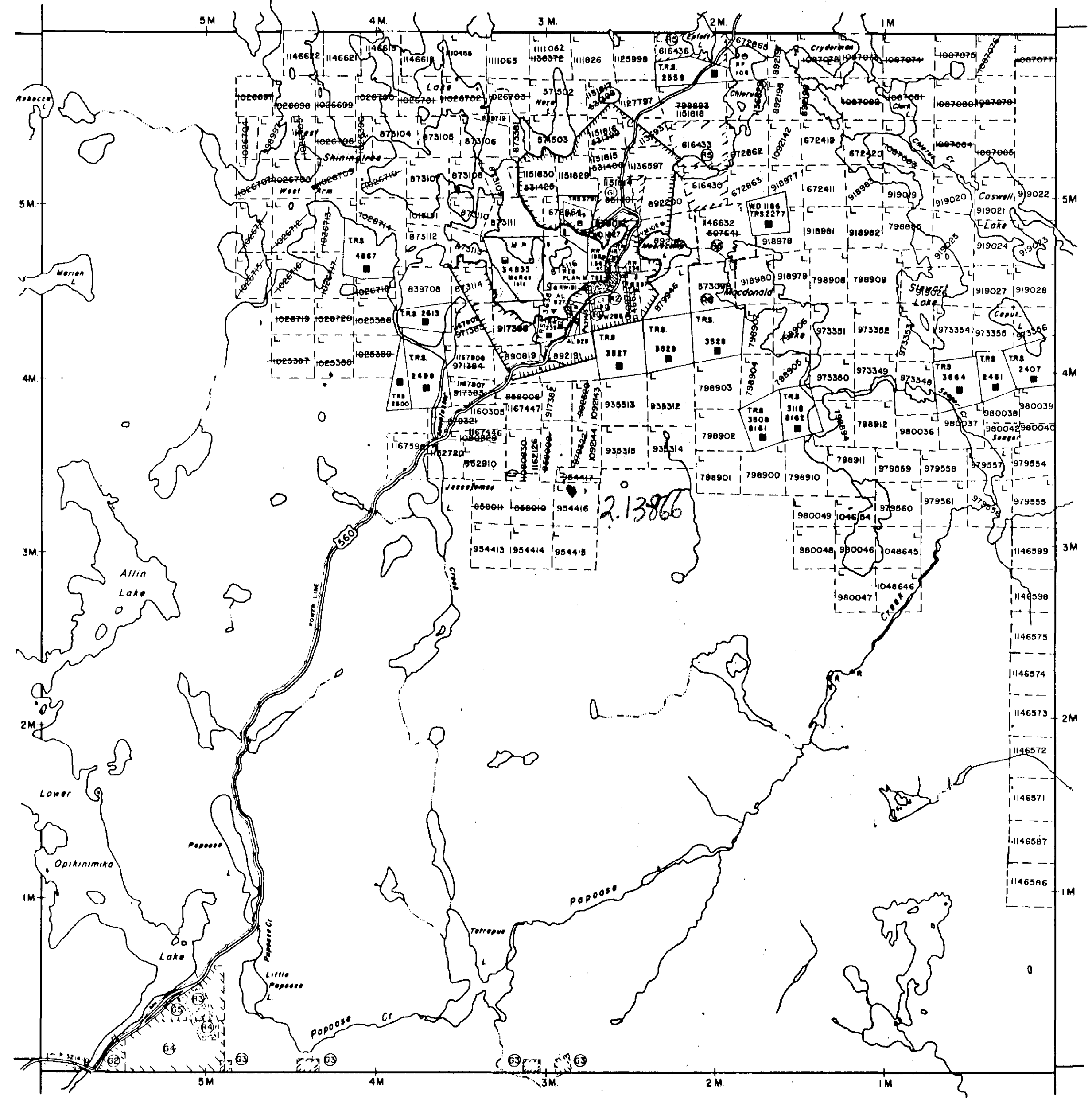
NOTICE OF FORESTRY ACTIVITY

THIS TOWNSHIP / AREA FALLS WITHIN THE _____



200

TO FORESTRY OPERATIONS
Churchill Twp.



Miramichi Twp.

Fawcett Twp.

Sheard Twp.

GEOLOGY REFERENCE -COBALT
RESIDENT GEO.

JAN 29 1991
LARDER LAKE
MINING RECORDER'S OFFICE

LEGEND

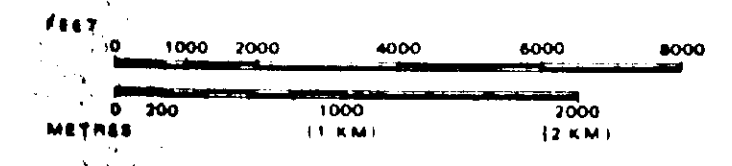
- HIGHWAY AND ROUTE No
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIPS, BASE LINES, ETC
- LOTS, MINING CLAIMS, PARCELS, ETC
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION 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 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1

SCALE: 1 INCH = 40 CHAINS



TOWNSHIP
ASQUITH
M.N.R. ADMINISTRATIVE DISTRICT
GOGAMA
MINING DIVISION
LARDER LAKE
LAND TITLES / REGISTRY DIVISION
SUBBURY

Ontario Ministry of Natural Resources Land Management Branch

Date FEBRUARY, 1985
Number
G-3206
CIRCULATED FEB. 24, 1990

