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# REPORT ON DIAMOND DRILLING
# ON THE
# H.A. MOORE PROPERTY
# SOUTH GROUP, WEST BLOCK
# TECK TOWNSHIP
# KIRKLAND LAKE AREA
# LARDER LAKE MINING DIVISION
# ONTARIO
# FOR
# H.A. MOORE

F.J. SHARPLEY

Quad. # 63.2392

OCTOBER 1992

42A01NE0063 2.15574 TECK



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| S-92-4-02 | Section 36W | 1"=50' |

SUMMARY

The H.A. Moore Property consists of 9 non-patented mining units in two groups located in Teck Township, Ontario. The North and South Group are situated within the Kinojevis Group of volcanic rocks 3 miles north of the Kirkland Lake Fault and immediately west of the Amikougami Fault which forms part of the Abitibi subprovince of the Archean Superior Province of the Precambrian Shield.

During 1991 H.A. Moore carried out 6.5 line miles of magnetometer, VLF-EM and geological surveys on the picket line grid at 200 foot intervals. Humus geochemistry for copper, zinc, lead and gold covered the VLF-EM anomalies. Two line miles of a horizontal loop electromagnetic survey covered the north half of the grid. One line mile of a vertical loop electromagnetic survey covered the northern part of the grid.

During the period from September 23-25,1992 two diamond drill holes totalling 660 feet were drilled on the South Group, West Block of the property to test coincident VLF-EM and zinc and separate gold geochemical anomalies.

In the current drilling program hole No. TK-92-1 encountered four bands of graphitic tuff varying from 20-50 feet interbanded with calc-alkalic crystal tuff varying up to 100 feet in width. The two graphitic bands closest to the contact between magnesium-rich tholeiitic basalt and iron-rich tholeiitic basalt have low but

significant zinc values. At the above contact from 290.2 to 293.2 feet assayed 1% Zn over 3 feet in graphitic tuff. The average from 169.0 to 187.4 feet assayed 0.11% Zn over 18.4 feet in graphitic tuff. Gold assays on the property are negative. These intersections more or less line up with the intersections in Kerr Addison hole No. 65-2 (1200 feet to the west) which assayed 0.06% Cu and 0.50% Zn over 32.0 feet in graphitic tuff.

The favorable geological environment is interflow sediments and or breccia at or near the contact between iron-rich and magnesium-rich tholeiitic basalt.

Induced polarization and vertical loop electromagnetic surveys using 100 foot spreads are recommended to more effectively define the conductors on the north half of the property. Additional diamond drilling of 700 feet in two holes on Section 42W is also recommended.

The cost of the above exploration program is $15,000.

# 1.0 INTRODUCTION

The diamond drilling of two holes on the South Group - West Block of claims in Teck Township on behalf of H.A. Moore under the Ontario Prospectors Assistance Program has been completed. The diamond drilling was designed to evaluate the economic potential of the claim groups. The targets drilled were VLF-EM anomalies with related zinc and gold in humus geochemical anomalies.

# 2.0 PROPERTY

## 2.1 Claims

The Teck Township property consists of 9 non-patented mining units divided into two groups located in Teck Township in the Larder Lake Mining Division of Northeastern Ontario.

The two claim groups appear on claim map M-392 and are shown on Figure 2. The claim groups are as follows:

North Group:- 2 claims

L-1135907 and L-1135908

South Group:- East Block: 3 claims

L-1137446, L-1137447 and L-1137448

South Group:- West Block: 4 claims

L-1180100 to L-1180103 inclusive

The claims total 360 acres and are registered in the name of H.A. Moore.

## 2.2 Location and Access

The Teck Township property is located 4 miles west of Kirkland Lake, Ontario.

The property is accessible from highway 112 at Chaput Hughes for two miles west along the Goldthorpe road, then one mile north on a bush road to the dam on the Amikougami Creek. The South Group is accessible by trail 700 feet west of the dam.

One mile west of the Amikougami Creek on the Goldthorpe road, a bush road extending north of Lois Lake gives access to the southwest corner of the South Group - West Block. This is the route used to mobilize the drill.

## 2.3 Topography

The topography on the South Group is more gently rolling with a difference in elevation of 50-100 feet.

The tree cover is mixed with poplar, birch, elm, alder and jack pine.

The climate is typical of northern Ontario with snow cover and cold weather from mid November until May.

# 3.0 EXPLORATION HISTORY

## 3.1 Regional History

Mining activity in the Kirkland Lake area resulted in intensive prospecting for precious metals in Teck Township in the 1920's and 1930's.

The first geological observations were recorded in 1916 by Burrows and Hopkins but this report mainly concerned the Goodfish Lake area. The first basic source of geological information is Map 30C by D.G.H. Wright (1921) published the Ontario Department of Mines. Burrows and Hopkins (1923) published the well known Map 32e, scale 1 inch to 1/2 mile of the Kirkland Lake gold area in Ontario Mines Vol. 32, pt.4, p. 1-52.

The Geology of Teck Township and the Kenogami Lake Area, Kirkland Lake Gold Belt and Geology of the Main Ore Zone at Kirkland Lake was published in 1950 by Thomson et al for the Ontario Department of Mines Annual Report for 1948, Volume 57, Part 5.

The Geological Survey of Canada published the Larder Lake Map 47G and the Kirkland Lake Map 289G in 1948 illustrating the aeromagnetics of the area on a scale of one inch to one mile.

The Ontario Geological Survey published an airborne electromagnetic and magnetic survey of Teck Township in 1979 on a

scale of one inch to 20,000.

### 3.2 Property History

There is no record of any assessment work carried out on the ground covered by the South Group - East Block of claims although numerous old trenchs are in evidence on the Teck Township geological map (1/4 mile to the inch) by Thomson et al 1950.

The South Group - West Block of claims were covered with HEM, VLF-EM, magnetometer and geological surveys in 1980 by Texas Gulf Limited. In 1965 Kerr Addison Mines Limited drilled two diamond drill holes totalling 667 feet.

During 1991 H.A. Moore carried out 6.5 line miles of magnetometer, VLF-EM and geological surveys on the picket line grid at 200 foot intervals. Humus geochemistry for copper, zinc, lead and gold covered the VLF-EM anomalies. Two line miles of a horizontal loop electromagnetic survey covered the north half of the grid. One mile of a vertical loop electomagnetic survey covered the northern half of the grid.

## 3.3 Recent Regional Activity

Tundra Gold Mines Limited in 1989 at Winnie Lake in northwestern Teck Township intersected in drilling 119.6 feet of 1.67% Cu 1.78% Zn, 0.02 OPT Au and 0.33 OPT Ag. Drilling also intersected 73.8 feet of 2.58% Cu (ML&EN, April 1990). This occurrence is 1.5 miles west of the North Group in similar geological environment. Pamorex in 1990 optioned the property and carried out surface exploration. This property was inactive during 1992.

# 4.0 GEOLOGY

## 4.1 Regional Geology

The H.A. Moore Property composed of the North and South Group is situated in Teck Township, Ontario within the Kinojevis Group of volcanic rocks which forms part of the Abitibi Subprovince, Superior Province of the Canadian Shield (Figure 3). The Moore Property is located 3 to 4.5 miles north of the Kirkland Lake Fault and immediately west of the Amikougami fault.

The Kinojevis Group of rocks in this area are mainly composed of iron-rich and magnesium-rich tholeiitic volcanic rocks.

## 4.2 Property Geology

The H.A. Moore Property in Teck Township is situated within the Kinojevis Group of volcanic rocks. These volcanic rocks are composed of iron-rich and magnesium-rich basalts.

On the South Group the iron-rich tholeiitic volcanics are medium to coarse-grained dioritic to gabbroic basalts while the magnesium-rich basalts are andesitic to dacitic in composition.

A strike of the formations is east-west and the dip is steep to the north or south.

# 5.0 MINERALIZATION

## 5.1 Regional Mineralization

Kirkland Lake-type gold deposits have produced 23 million ounces of gold and 9 million ounces of silver from 48 million tons milled. The ore zone is 4 miles in strike length and in places 1 1/2 miles deep, occurs in Timiskaming Group syenites and trachytes (Lovell et al 1984).

Kirkland Lake-type gold ore is of three types: (1) Break ore consists of native Au in chloritic fault gouge or small quartz lenses within a prominent, subvertical, thrust-fault system traversing the entire Kirkland Lake area. (2) Vein ore consists of gold-bearing quartz veins in both hanging and footwalls of the Kirkland Lake fault system. Veins consist quartz, wallrock fragments, some dolomite and calcite, 2 to 3 percent disseminated pyrite, precious and base-metal telluride minerals and fine native gold. Molybdenite with or without graphite coats fractures in the quartz. (3) Breccia ore occurs in several relatively wide zones (up to 15m) in the deep western part of the area. The zones consist of very fractured, bleached, silicified and pyritized rock containing lenses and pods of quartz with native Au and telluride minerals. Molybdenite coats fractures throughout.

The gold deposits of the Kirkland Lake area are in Archean volcanic and sedimentary rocks which have been intruded by a

composite syenite stock plunging eastward (Watson et al 1983).

## 5.2 Property Mineralization

Mineralization on the H.A. Moore Property in Teck Township is associated with three types of geological environment as follows:

1) Interflow Sediments and or breccia along the contact between iron-rich tholeiites and magnesium-rich tholeiites.
2) East-West structures related to the Amikougami fault.
3) Graphitic and Pyritic Zones within the Basalts:

On the South Group - East Block, 1-2% disseminated pyrite and silicification is associated with an east-west structure in iron-rich tholeiite and magnesium-rich tholeiite.

Two diamond drill holes in 1965 by Kerr Addison Mines Limited intersected 80-100 feet of pyritic, graphitic tuff in a dacitic breccia on the South Group, West Block. The zone contains veinlets of quartz-carbonate and sphalerite with traces of

chalcopyrite and galena in hole No. 65-3. The best assay was 1.53% Zn over a core length of 5.0 feet. A section in hole No. 65-2 from 84.0 to 116.0 feet assayed 0.06% Cu and 0.50% Zn over a core length of 32.0 feet.

## 6.0 CURRENT WORK CARRIED OUT

### 6.1 Diamond Drilling

During the period from September 23-25,1992 Heath & Sherwood of Kirkland Lake, Ontario drilled two diamond drill holes for a total of 660 feet on claim L-1180100 of the South Group, West Block of the property.

Hole No. TK-92-1 was drilled on line 34+00W at 30+00N on an azimuth of 330 degrees at an angle of 50 degrees to a depth of 355 feet. The hole was spotted to investigate a VLF-EM anomaly with a coincident zinc in humus anomaly of 284 ppb Zn. This current drilling was initiated by H.A. Moore to follow-up on Kerr Addison hole No. 65-2 which intersected 0.06% Cu and 0.50% Zn over a core length of 32 feet in graphite tuff within dacite breccia.

Hole No. TK-92-2 was collared at 35+35W - 25+00N on an azimuth of 330 degrees and drilled at an angle of 50 degrees to a depth of 305 feet. The hole was planned to investigate a VLF-EM anomaly with a coincident gold in humus anomaly of 127 ppb Au.

A total of 23 split core samples were analyzed for gold by Bell-White Analytical Laboratories Ltd using the fire assay and atomic absorption method (ppb Au). In addition 16 of these samples were also assayed for copper, zinc, lead and silver using the atomic

absorption method (eg. ppm Cu). The diamond drill core was logged and split by the writer at the Kirkland Lake core library.

The drill holes were plotted on plan (Map No. S-91-6-01: Topography) at a scale of 1"=200' and reduced to 1"=400". The holes were also plotted on Section 34W and Section 36W on a scale of 1"=50' and reduced to 1"=100' (Map Nos. S-92-4-01,02).

A total of six 1991 surface rock samples were assayed. The results are shown in Table No. 1.

# 7.0 DISCUSSION OF RESULTS

## 7.1 Diamond Drilling

Hole No. TK-92-1 on Section 34W investigated the coincident VLF-EM and zinc in humus geochemical anomaly. The drill hole encountered four bands of graphite tuff varying from 20-50 feet in width interbanded with calc-alkalic crystal tuff varying up to 100 feet in width. The hole ended in medium to coarse-grained amphibolitic basalt. A section from 290.2 to 293.2 assayed 1% Zn over a width of 3 feet in graphitic tuff. The average from 169.0 to 187.4 is 0.110% Zn over a width of 18.4 feet in graphitic tuff. Within this section from 169.0 to 175.0 assayed 0.19% Zn over a width of 6.0 feet. Traces of sphalerite and chalcopyrite with 5% disseminated pyrite was noted in the graphitic tuff. The calc-alkalic crystal tuff is interpretated as magnesium-rich tholeiitic basalt while the amphibolitic basalt is interpretated as iron-rich tholeiitic basalt.

Hole No. TK-92-2 on Section 36W investigated the coincident VLF-EM and gold in humus anomaly. The drill hole encountered calc-alkalic basalt to the end of the hole with some narrow up to 5 foot interbands of graphitic tuff with 2-3% disseminated pyrite and 20% quartz-carbonate breccia. Traces of sphalerite and chalcopyrite were noted. The best assay was 0.35% Zn over 1.9 feet from 199.5 to 201.4 feet in interbanded graphitic tuff. The gold assays were negative.

## 8.0 CONCLUSIONS AND RECOMMENDATIONS

The South Group, West Block of the H.A. Moore Property in Teck Township, Ontario warrants further exploration for the base metals and gold.

The 1965 diamond drill hole by Kerr Addison intersected 0.50% Zn and 0.06% Cu over a core length of 32.0 feet within a pyritic, graphitic tuff situated within silicified basalt (dacite breccia). The tuff occurs over a width of 80-100 feet within 300 feet of the contact between a magnesium-rich basalt and an iron-rich basalt.

In the current drilling program hole No. TK-92-1 encountered four bands of graphitic tuff varying from 20-50 feet interbanded with calc-alkalic crystal tuff varying up to 100 feet in width. The two graphitic bands closest to the contact between magnesium-rich tholeiitic basalt and iron-rich tholeiitic basalt have low but significant zinc values. At the above contact from 290.2 to 293.2 feet assayed 1% Zn over 3 feet. The average from 169.0 to 187.4 feet assayed 0.110% Zn over 18.4 feet. These intersections more or less line up with the intersections in Kerr Addison hole 65-2 assaying 0.06% Cu and 0.50% Zn over 32.0 feet.

The favorable geological environment is interflow sediments and or breccia at or near the contact between iron-rich and

magnesium-rich tholeiitic basalt.

The present geophysical surveys on the property are incomplete. The conductors in the northern part of the property should be covered with an induced polarization survey using a 100 foot spread and with VEM using a 100 foot cable.

Additional geophysical surveys such as I.P. and VEM using 100 foot spreads is recommended together with 700 feet of drilling in two holes on Section 42W.

The cost of the above exploration program is $ 15,000.

Respectfully submitted,

F.J. Sharpley

Burlington Ontario

October 12,1992

**REFERENCES**


| | |
|---|---|
| Goodwin John R. (1990) | Geophysical Report on Claim L-1135908 in Teck Township for Mr. H. Moore |
| Kunduri V. (1990) | Geophysical Report on the H.A. Moore Property Teck Township, Ontario. |
| Lovell Howard, Grabowski Gary, Guindon David (1984) | General Geology and Gold Deposits of Kirkland Lake-Larder Lake Area, Ontario. |
| OGS (1979) | Preliminary Map P.2263A & B<br>Kirkland Lake Area; Teck Township<br>Airborne Electromagnetic Survey<br>Total Intensity Magnetic Map; 1:20,000 |
| OGS (1979) | Kirkland Lake Data Series<br>Teck Township<br>Preliminary Map P.2007 |
| OGS (1970) | Geological Compilation Series<br>Timmins-Kirkland Lake Sheet<br>Map 2205; 1"= 4 miles |
| OGS (1984) | Lithostratigraphic Map of the Abitibi Subprovince; Map 2484; 1:500,000 |
| (1990) | Claim Map:- M392; 1"= 1/2 mile |
| Sharpley F.J. (1990) | Exploration Report on the H.A. Moore Property North and South Group, Teck Township, Kirkland Lake Area, Larder Lake Mining Division Ontario for H.A. Moore. |
| Sharpley F.J. (1991) | Exploration Report on the H.A. Moore Property South Group, West Block, Teck Township, Kirkland Lake Area, Larder Lake Mining Division Ontario for H.A. Moore. |

| | |
|---|---|
| Thomson Jas E.<br>(1950)<br>Charlewood G.H.<br>Griffin K.<br>Hawley J.E.<br>Hopkins Harold<br>MacIntosh C.G.<br>Ogrizlo S.P.<br>Perry O.S.<br>Ward Wm.<br>(1950) | Geology of Teck Township and Kenogami Lake Area Kirkland Lake Gold Belt<br>Geology of the Main Ore Zone at Kirkland Lake<br>Ontario Department of Mines<br>Annual Report for 1948, Volume 57, Part 5 |
| Watson G.P.<br>Kerrick R.<br>(1983) | Macassa Mine, Kirkland Lake<br>Production History, Geology, Gold Ore Types and Hydrothermal Regimes.<br>O.G.S. Misc. Paper 110; The Geology of Gold in Ontario. |
| (1986) | Airphotos: 1:20,000<br>86-4806: 02-122...124 |

# CERTIFICATE OF QUALIFICATION

I, Frederick James Sharpley of the City of Burlington, Province of Ontario, do hereby certify:

1) That I am a consulting geologist and reside at 2372 Sinclair Circle, Burlington, Ontario, L7P 3C3.

2) That I graduated from the University of Saskatchewan, Saskatoon, Saskatchewan, holding a degree of Bachelor of Arts, Geology (1959).

3) That I am a Fellow of the Geological Association of Canada.

4) That I have practised my profession as a mineral exploration geologist for a period of 32 years.

5) That I have no financial interest in the H.A. Moore Property in Teck Township or do I expect to receive any.

6) That I personally was involved with the technical supervision of the work and the report.

Burlington Ontario.
October 12,1992

F.J. Sharpley

## APPENDIX I:

## LIST OF FIGURES

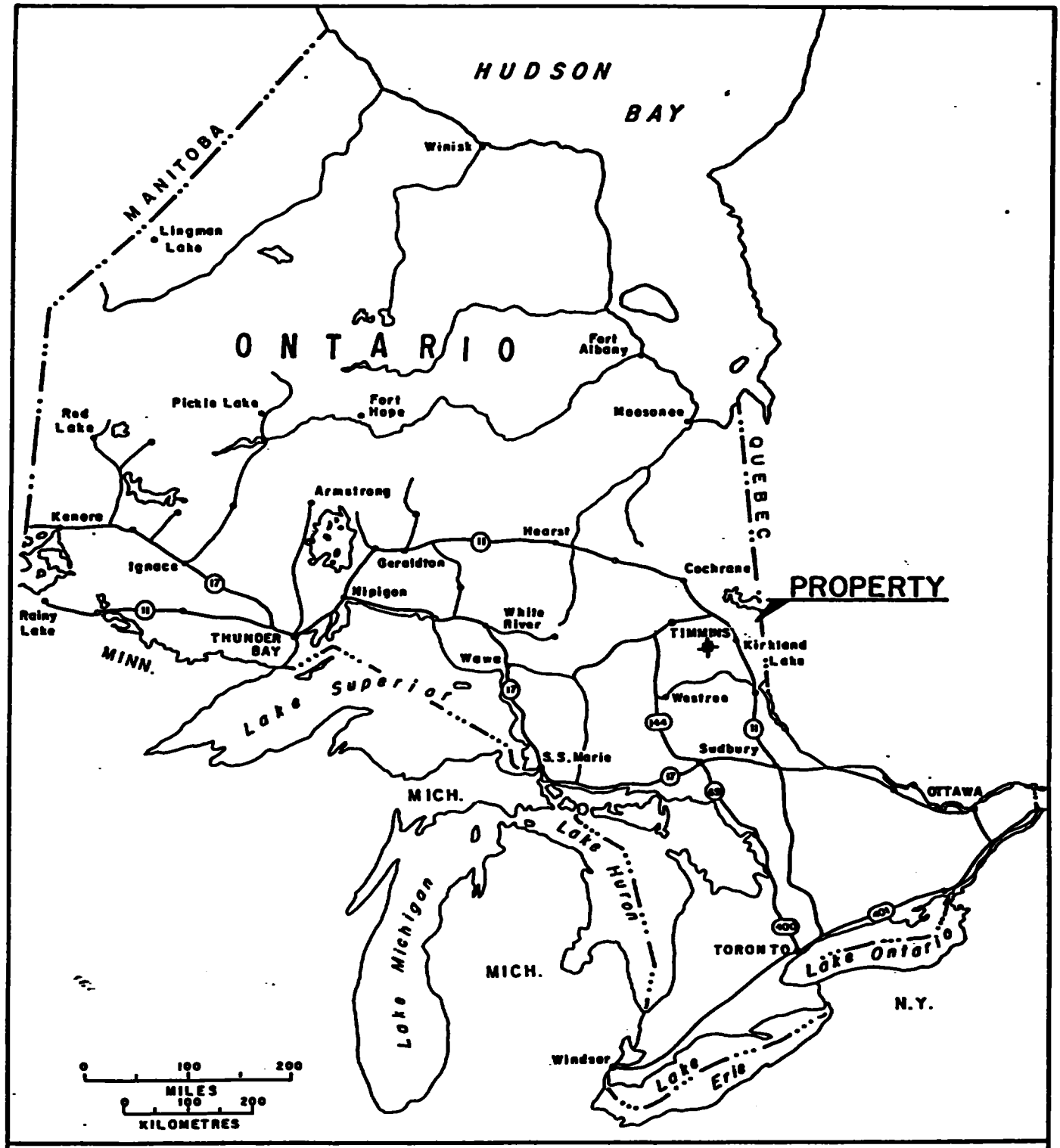



Fig. 1

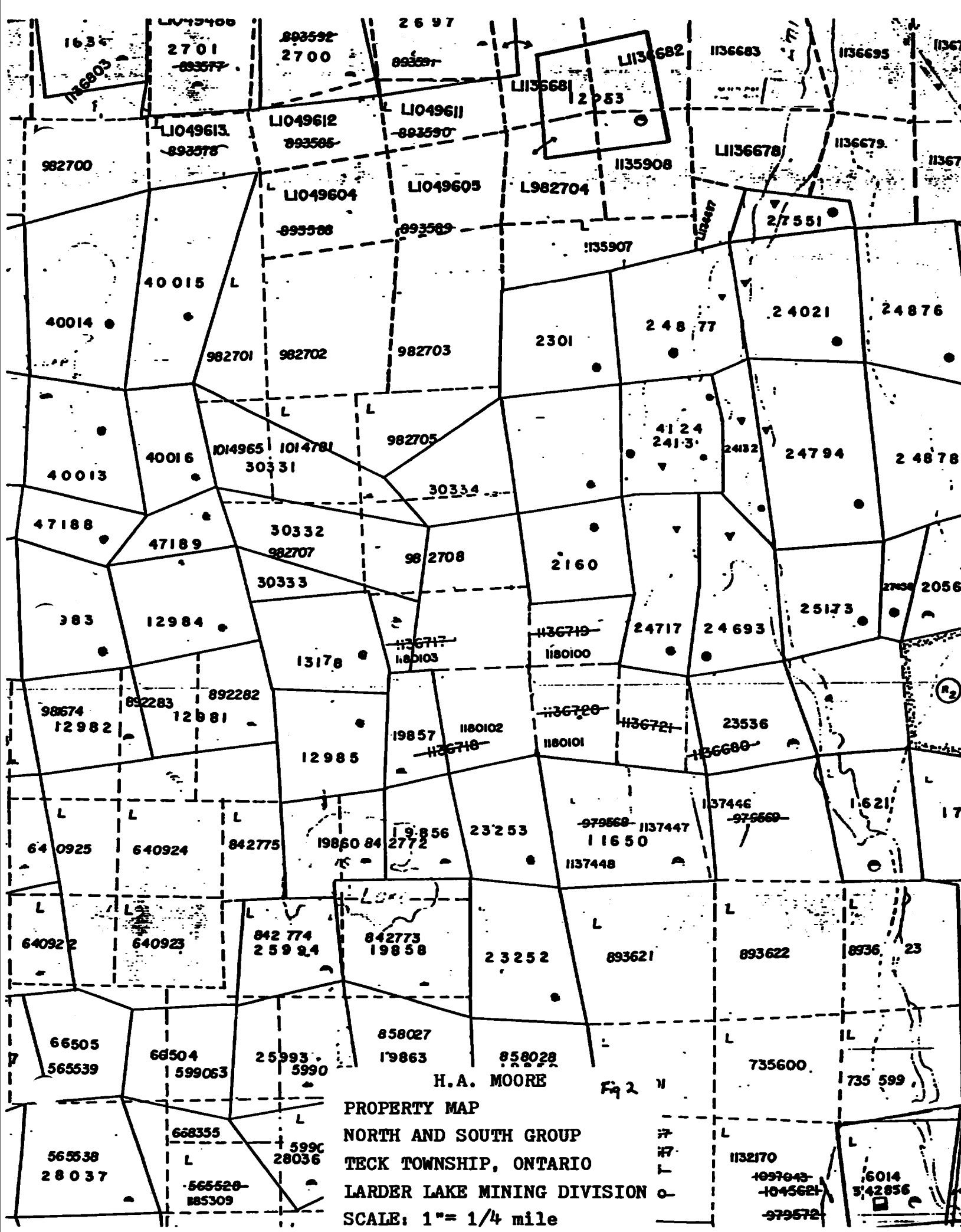
H.A. MOORE

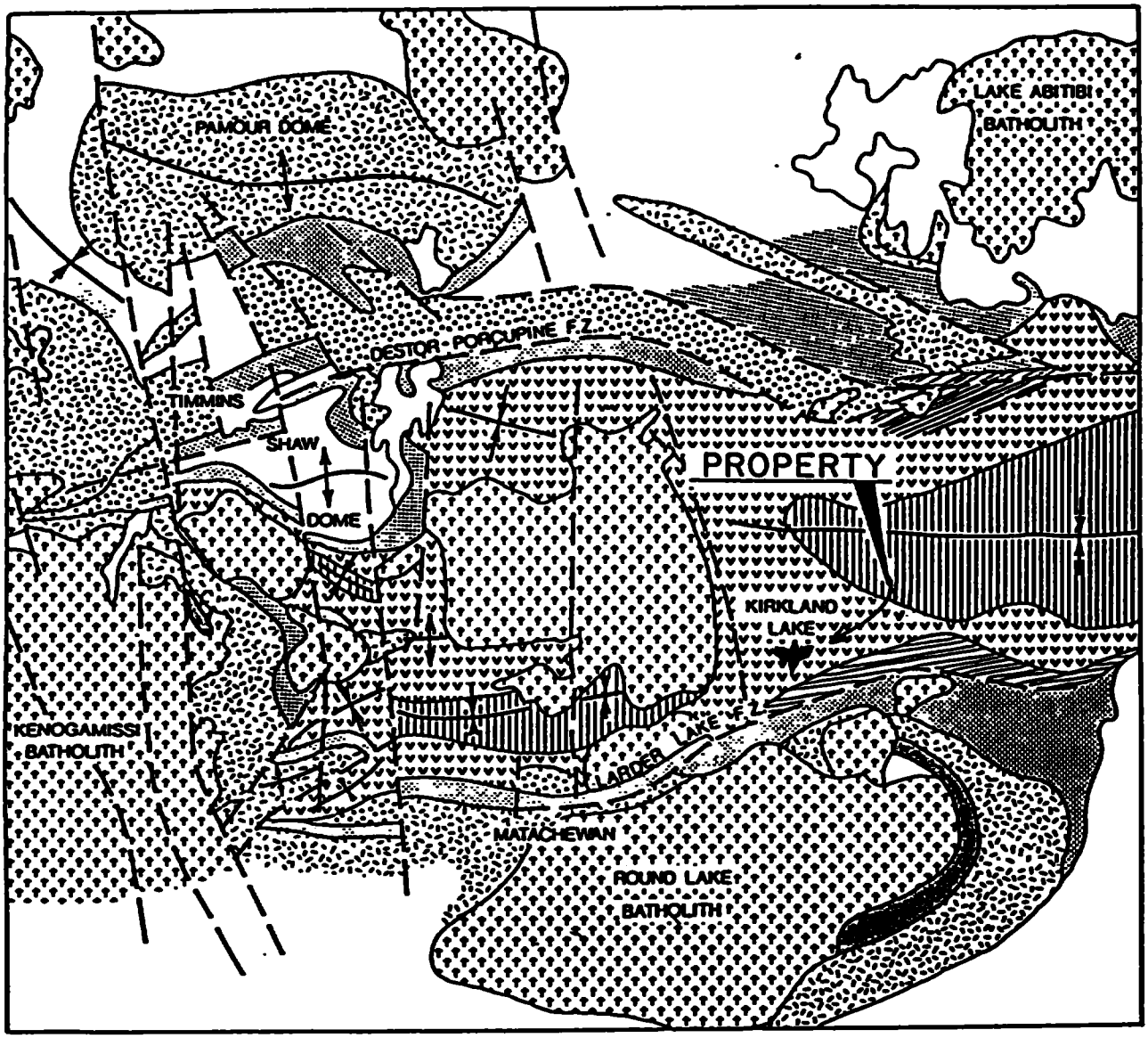
NORTH & SOUTH GROUP

TECK TWP., ONTARIO

LOCATION MAP

November, 1990 F. J. SHARPLEY


H.A. MOORE
PROPERTY MAP
NORTH AND SOUTH GROUP
TECK TOWNSHIP, ONTARIO
LARDER LAKE MINING DIVISION
SCALE: 1"= 1/4 mile
Fig 2




*Geology of the Timmins-Kirkland Lake area (after Jensen 1978).*

LEGEND

UPPER SUPERGROUP

- Alkalic Volcanics (Timiskaming Group)
- Calcalkalic Volcanics (Blake River Group)
- Tholeiitic Volcanics (Kinojevis Group)
- Komatiitic Volcanics (Stoughton Roquemaure Group and Larder Lake Group)

LOWER SUPERGROUP

- Sedimentary Rocks (Porcupine Group)
- Calc-alkalic & Tholeiitic Volcanics (a. Skead & Catherine Group) (b. Hunter Mine Group)
- Komatiitic Volcanics (Wabewawe Group)

0 12 Mi
0 20 Km

Fig. 3

H.A. MOORE

NORTH & SOUTH GROUP

TECK TWP., ONTARIO

GEOLOGICAL MAP

November 1990 F. J. SHARPLEY

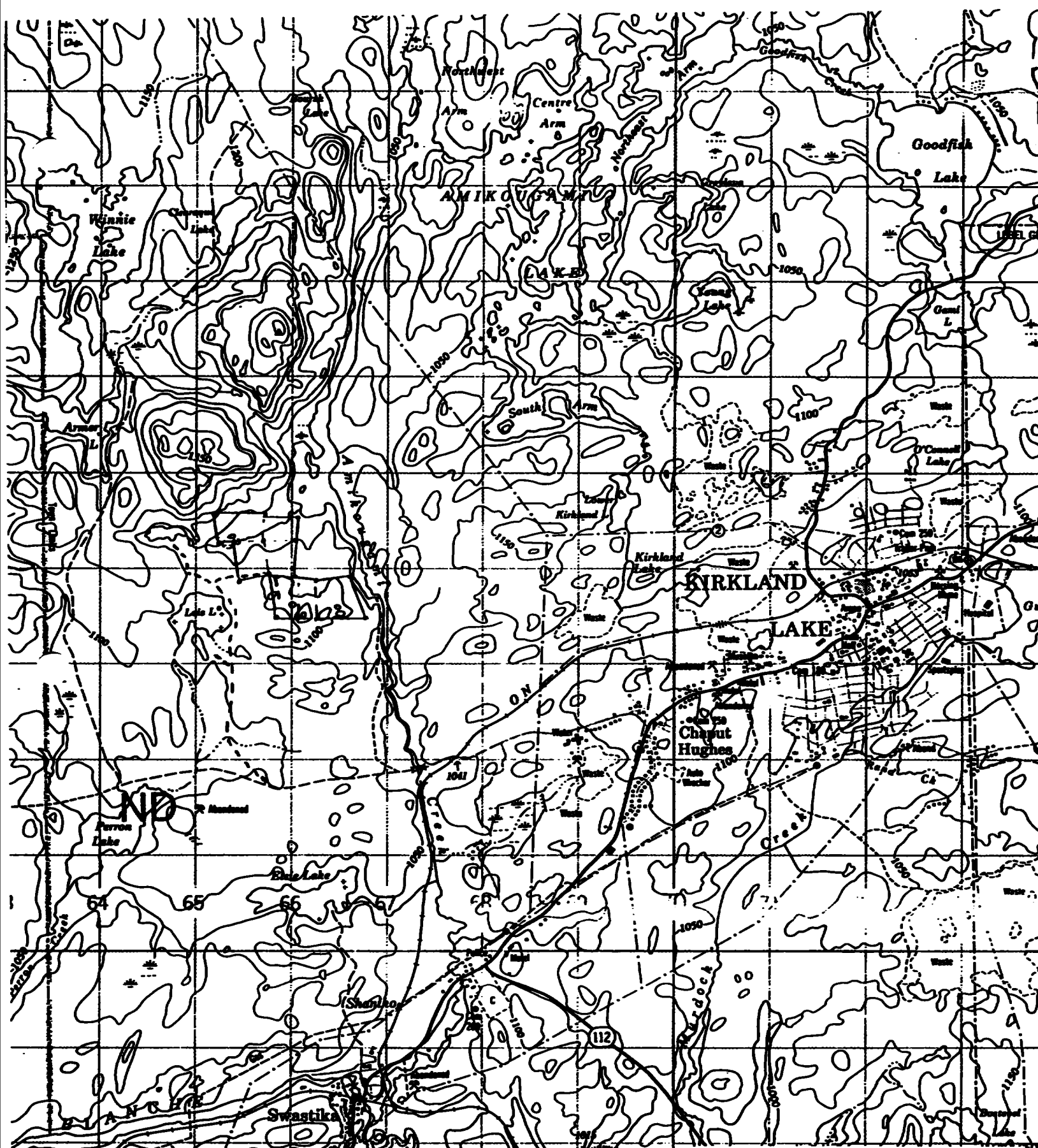



Fig. 4 H.A. MOORE

PROPERTY-TOPO MAP
SOUTH GROUP
TECK TOWNSHIP, ONTARIO
LARDER LAKE MINING DIVISION

SCALE: 1:50,000

# APPENDIX II:

# LIST OF TABLES

TABLE No.1 H.A. Moore-South Group, West Block
Teck Township, Ontario
Rock Geochemistry-grab samples

| SPL.NO. | CO-ORDINATES | ROCK TYPE | % SULPH Py | ANOM NO. | ASSAYS PPB AU | REMARKS |
|---|---|---|---|---|---|---|
| 1 | 34+00W-25+00N | Basalt | | | | silicified str. |
| F28661 | | | | | 4 | |
| 2 | 34+00W-27+00N | Basalt | 1 | | | silicified str. |
| F28662 | | | | | 5 | |
| 3 | 34+00W-32+00N | Basalt | | | | carbonatized st |
| F28663 | | | | | 3 | |
| 4 | 32+00W-31+00N | Bas/Gab | | | | diss.mag; cb. |
| 5 | 32+00W-15+00N | Basalt | 1 | | | epidote;str.cb. |
| F28664 | | | | | 4 | |
| 6 | 36+00W-16+00N | Basalt | | | | epidote;str.cb. |
| F28665 | | | | | 3 | |
| | 40+00W-15+00N | Gabbro | | | | epidote;wk.cb. |
| 7 | 38+00W-19+00W | Basalt | | | | |
| 8 | 46+00W- 8+00N | Bas/Gab | | | | epidote |
| 9 | 46+00W-14+00N | Gabbro | | | | epidote;wk.cb. |
| 10 | 46+00W-29+00N | Gabbro | | | | diss.mag. |
| 11 | 54+00W-20+35N | Basalt | 1 | | | cb. |

TABLE No.1 H.A. Moore-South Group, West Block
Teck Township, Ontario
Rock Geochemistry-grab samples

| SPL.NO. | CO-ORDINATES | ROCK TYPE | % SULPH Py | ANOM NO. | ASSAYS PPB AU | REMARKS |
|---|---|---|---|---|---|---|
| | 26+00W-10+50N | Basalt | | | | str.sil;str.cb. |
| F28666 | | | | | 5 | |
| | 26+00W-11+00N | Basalt | <1 | | | str.cb. |

Note: samples taken in 1991 but assayed in 1992

# APPENDIX III:

# DIAMOND DRILL HOLE LOGS

# DIAMOND DRILL RECORD

| FOOTAGE | DIP | AZ. | FOOTAGE | DIP | AZ. |
|---|---|---|---|---|---|
| | | | | | |

HOLE NO.TK-92-1 SHEET NO. 1

NAME OF PROPERTY: H.A. MOORE

REMARKS:

HOLE NO: TK-92-1 LENGTH: 355.0'

CLAIM NO. L-1180180

LOCATION: SOUTH GROUP-WEST BLOCK; TECK TWP. ONTARIO

DRILL CONTRACTOR: Heath & Sherwood

LATITUDE: 30+00N DEPARTURE: 32+00W

CORE SIZE: BQ

ELEVATION: AZIMUTH: 330 DIP: -50

LOGGED BY: V Shanley 9/28/92-9/29/92

STARTED: SEPT. 23/92 FINISHED: SEPT. 24/92

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | SAMPLE NO. | SAMPLE %S | SAMPLE FOOTAGE FROM | SAMPLE FOOTAGE TO | SAMPLE FOOTAGE TOTAL | ASSAYS CU PPM | ASSAYS ZN PPM | ASSAYS PB PPM | ASSAYS AU PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 33.6 | OVERBURDEN: | | | | | | | | | |
| 33.6 | 41.0 | GRAPHITE: | | | | | | | | | |
| | | black, fine-grained, massive graphite; 3-5% nodular pyrite < 1/2"; traces of sphalerite < 3%; irregular contact at 45 degrees to core axis; | F29101 | 3 | 33.6 | 36.6 | 3.0 | 177 | 918 | 51 | 14 |
| 41.0 | 62.6 | INTERMEDIATE CRYSTAL TUFF: (CALC-ALKALIC) | | | | | | | | | |
| | | medium grey color, fine-grained; 20-30% white feldspar crystals < 1/4", subrounded, zoned, with occassional split crystals; a few angular to subrouded fragments < 1/2 "; traces of pyrite; weakly calcareous. | | | | | | | | | |
| 62.6 | 77.3 | GRAPHITE: as above: | F29103 | 3 | 62.6 | 65.6 | 3.0 | 318 | 1186 | 28 | 15 |
| | | | F29102 | 3 | 74.3 | 77.3 | 3.0 | 176 | 468 | 20 | 7 |
| 77.3 | 135.0 | INTERMEDIATE CRYSTAL TUFF: (CALC-ALKAIC): as above | | | | | | | | | |
| | | 125.6 - 135.0 silicified zone: moderately silicified; 2-3% finely disseminated pyrite. | F29104 | 2 | 125.6 | 128.6 | 3.0 | | | | 7 |
| | | | F29105 | 2 | 128.6 | 131.6 | 3.0 | | | | 3 |
| | | | F29106 | 5 | 131.6 | 135.0 | 3.4 | | | | 8 |
| 135.0 | 187.4 | GRAPHITE: as above: | | | | | | | | | |
| | | massive; 5% disseminated pyrite with blebs and stringers; traces of chalcopyrite and brown sphalerite. | F29107 | 2 | 135.0 | 138.0 | 3.0 | 143 | 922 | 20 | 10 |
| | | | F29108 | 2 | 138.0 | 141.0 | 3.0 | 260 | 286 | 21 | 11 |
| | | 155.0 - 178.0 3-5% disseminated pyrite | F29109 | 3 | 169.0 | 172.0 | 3.0 | 194 | 1152 | 26 | 12 |
| | | | F29110 | 5 | 172.0 | 175.0 | 3.0 | 388 | 2040 | 75 | 141 |
| | | | F29111 | 2 | 181.4 | 184.4 | 3.0 | 370 | 1010 | 33 | 12 |
| | | | F29112 | 1 | 184.4 | 187.4 | 3.0 | 266 | 1800 | 16 | 11 |

DIAMOND DRILL RECORD

NAME OF PROPERTY: H.A. MOORE

HOLE NO: TK-92-1 SHEET NO. 2 of 2

| FOOTAGE | | DESCRIPTION | SAMPLE | | | | | ASSAYS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | FOOTAGE | | | CU | ZN | PB | AU |
| FROM | TO | | NO. | %S | FROM | TO | TOTAL | PPM. | PPM. | PPM. | PPB. |
| 187.4 | 285.0 | INTERMEDIATE CRYSTAL TUFF: (CALC-ALKAIC): as above | | | | | | | | | |
| | | subrounded to angular fragments, chert < 1"; granite < 2" (1 fragment only) | | | | | | | | | |
| 285.0 | 293.2 | GRAPHITE: as above: | | | | | | | | | |
| | | 70% graphite; 30% intermediate crystal tuff; sheared at 30 degrees to core axis. | F29113 | 2 | 290.2 | 293.2 | 3.0 | 274 | 10000 | 28 | 11 |
| 293.2 | 305.0 | INTERMEDIATE BRECCIA: (CALC-ALKALIC) | F29114 | 2 | 293.2 | 296.2 | 3.0 | | | | 7 |
| | | | F29115 | 3 | 296.2 | 299.2 | 3.0 | | | | 10 |
| | | light to medium grey, brecciated, fragments angular < 1". | | | | | | | | | |
| | | 295.0 - 298.0 light grey, silicified, cherty, angular fragments <1"; 2-3% finely disseminated pyrite. | | | | | | | | | |
| 305.0 | 355.0 | BASALT: | | | | | | | | | |
| | | medium, greyish-green to dark greyish-green; fairly massive, uniform; flow; amphibolitic; medium to coarse grained; locally magnetic | | | | | | | | | |
| | | 331.0 - 336.3 silicified, 1-2% finely, disseminated pyrite at 30 degrees to core axis. | F29116 | 2 | 331.0 | 334.0 | 3.0 | | | | 8 |
| | | | F29117 | 1 | 334.0 | 336.4 | 2.4 | | | | 15 |
| | 355.0 | END OF HOLE: | | | | | | | | | |
| | | Note: core stored at the Kirkland Lake core library. | | | | | | | | | |

# DIAMOND DRILL RECORD

NAME OF PROPERTY: H.A. MOORE

HOLE NO: TK-92-2 LENGTH: 305.0'

LOCATION: SOUTH GROUP-WEST BLOCK; TECK TWP. ONTARIO

LATITUDE: 25+00N DEPARTURE: 35+35W

ELEVATION: AZIMUTH: 330 DIP: -50

STARTED: SEPT. 24/92 FINISHED: SEPT. 25/92

| FOOTAGE | DIP | AZ. | FOOTAGE | DIP | AZ. |
|---|---|---|---|---|---|
| | | | | | |

HOLE NO.TK-92-2 SHEET NO. 1

REMARKS:

CLAIM NO. L-1180100

DRILL CONTRACTOR: Heath & Sherwood

CORE SIZE: BQ

LOGGED BY: [signature] 9/28/92-9/29/92

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | SAMPLE NO. | SAMPLE %S | SAMPLE FOOTAGE FROM | SAMPLE FOOTAGE TO | SAMPLE FOOTAGE TOTAL | ASSAYS CU PPM | ASSAYS ZN PPM | ASSAYS PB PPM | ASSAYS AU PPB |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 49.0 | OVERBURDEN: | | | | | | | | | |
| 49.0 | 153.0 | CALC-ALKALIC BASALT: | | | | | | | | | |
| | | light grey, very fine-grained, fairly massive, uniform; silicified, hard; pervasive weakly calcareous. | | | | | | | | | |
| | | 60.0 - 61.0 weakly sheared white quartz-carbonate breccia at 70 degrees to core axis; limonite alteration; 3% disseminated pyrite; traces of chalcopyrite; graphitic. | F29118 | 3 | 58.0 | 61.0 | 3.0 | 247 | 746 | 25 | 7 |
| | | 89.0 2" white quartz-carbonate vein at 70 degrees to core axis. | | | | | | | | | |
| | | 90.5 4" white quartz-carbonate vein-breccia at 45 degrees to core axis. | | | | | | | | | |
| | | 149.0 - 150.7 2" white quartz-carbonate breccia-vein at 10 degrees to core axis. | | | | | | | | | |
| 153.0 | 199.5 | CALC-ALKALIC LAPPILLI TUFF: | | | | | | | | | |
| | | light grey, very fine-grained, rounded to subrounded fragments <1/4"; fairly massive, uniform. | | | | | | | | | |
| | | 153.0 - 154.3 sheared white quartz-carbonate breccia at 60-70 degrees to core axis; 2% disseminated pyrite; graphitic. | F29119 | 1 | 153.0 | 154.3 | 1.3 | 328 | 596 | 41 | 14 |
| 199.5 | 295.0 | CALC-ALKALIC BASALT: as above: | | | | | | | | | |
| | | graphitic locally. | | | | | | | | | |

# DIAMOND DRILL RECORD

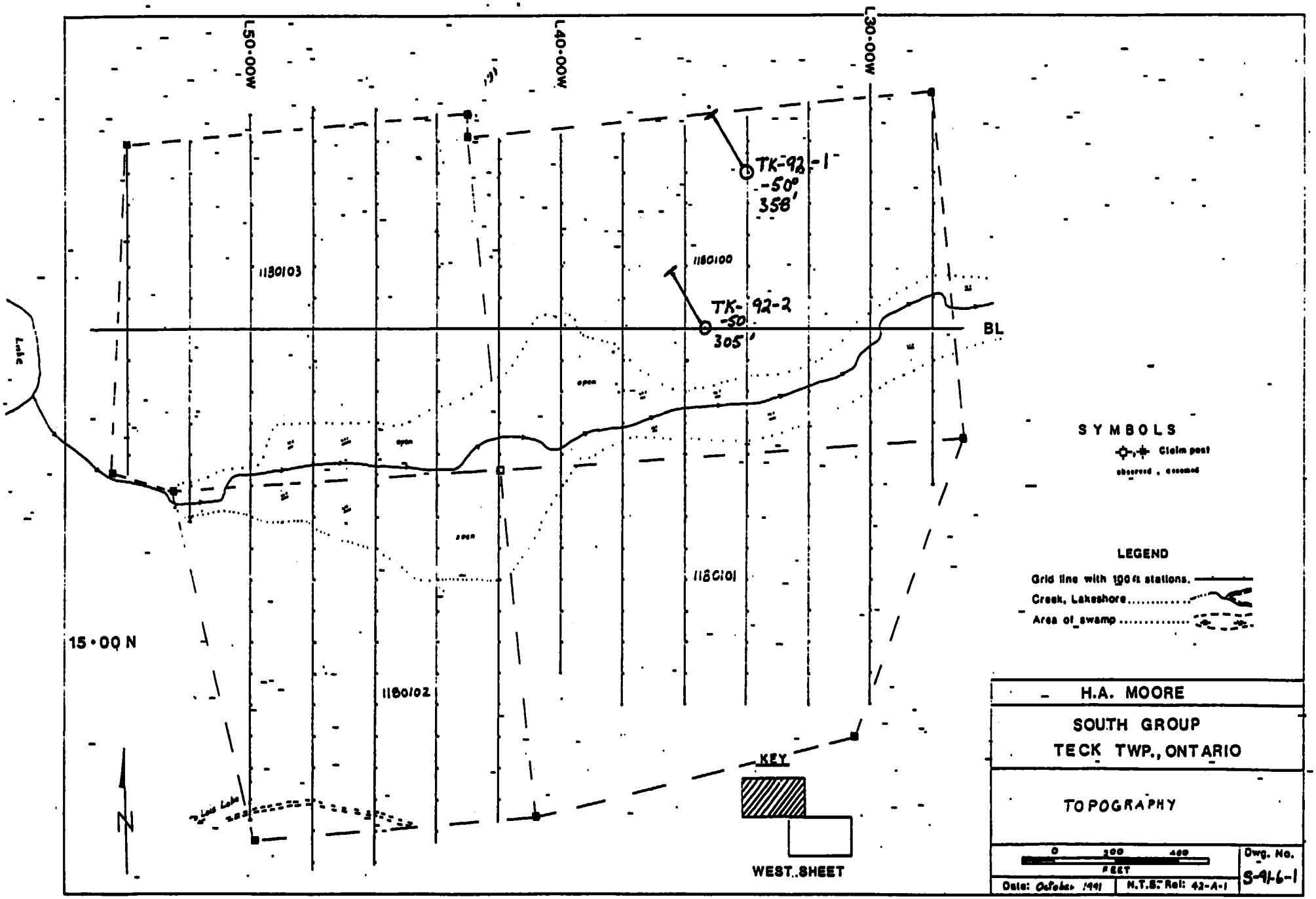
NAME OF PROPERTY: H.A. MOORE

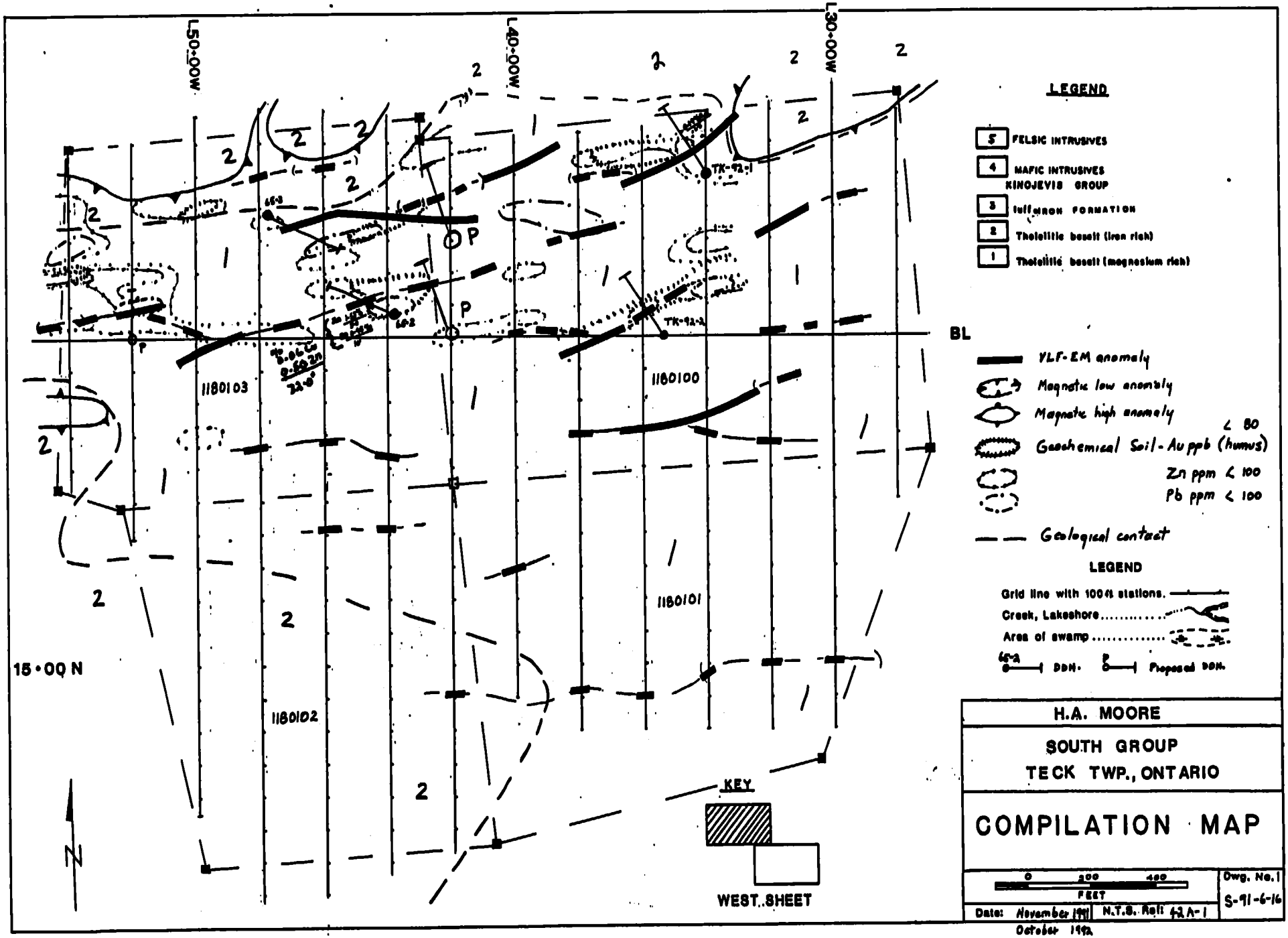
HOLE NO: TK-92-2 SHEET NO. 2 of 2

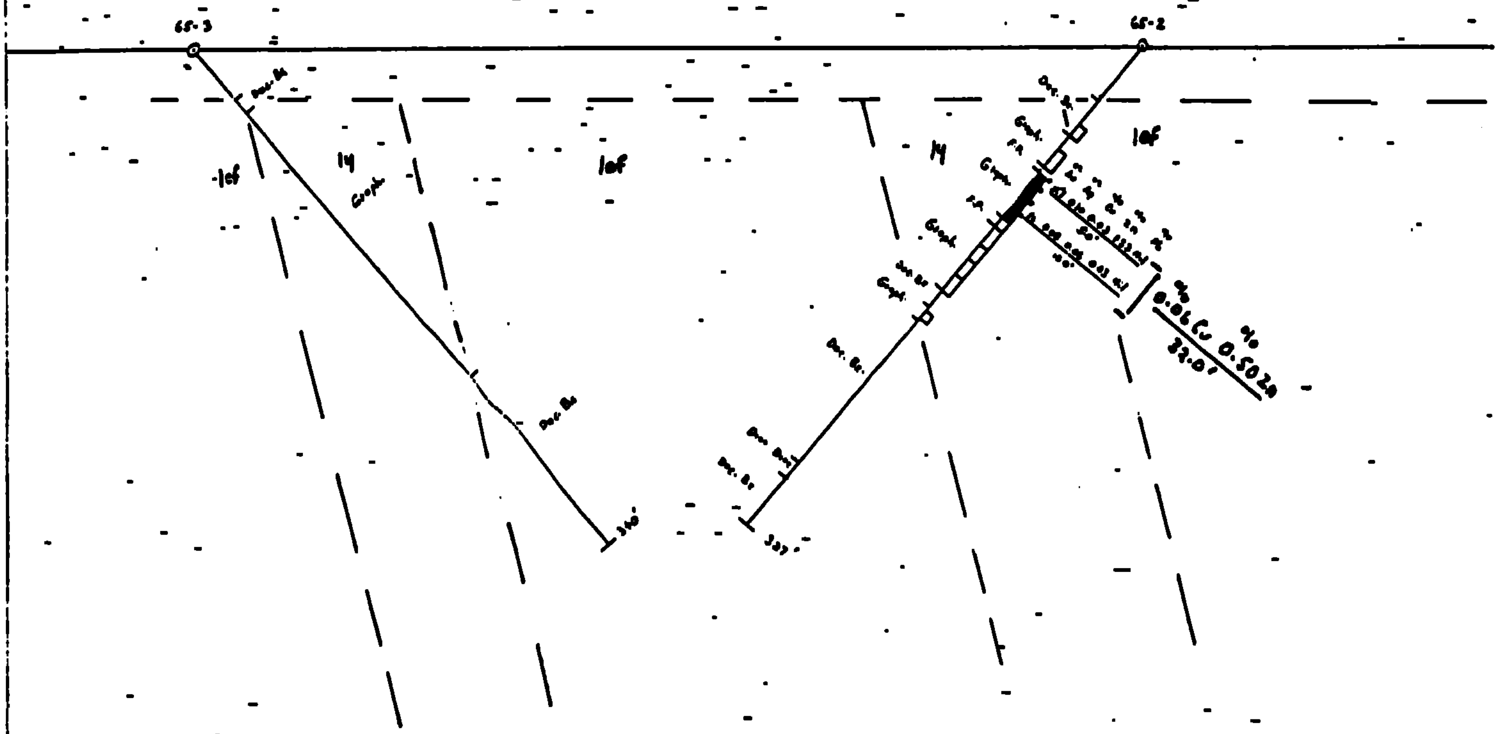
| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | SAMPLE NO. | SAMPLE %S | SAMPLE FOOTAGE FROM | SAMPLE FOOTAGE TO | SAMPLE FOOTAGE TOTAL | ASSAYS CU PPM. | ASSAYS ZN PPM. | ASSAYS PB PPM. | ASSAYS AU PPB. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 199.5 - 201.4 graphitic band with 20% quartz-carbonate at 45 degrees to core axis; 2-3% disseminated pyrite. | F29120 | 2 | 199.5 | 201.4 | 1.9 | 338 | 3460 | 38 | 15 |
| | | 273.0 4" quartz-carbonate vein at 30 degrees to core axis. | | | | | | | | | |
| 295.0 | 302.0 | GRAPHITE: | | | | | | | | | |
| | | massive graphite; banded at 85 degrees to core axis; 2-3% disseminated pyrite; traces of sphalerite. | F29121 | 2 | 295.0 | 298.0 | 3.0 | 178 | 624 | 21 | 18 |
| | | | F29122 | 2 | 298.0 | 302.0 | 4.0 | 117 | 562 | 21 | 12 |
| 302.0 | 305.0 | CALC-ALKALIC BASALT: as above: | | | | | | | | | |
| | | brecciated. | | | | | | | | | |
| | | 302.0 - 303.5 white quartz-carbonate vein at 30-70 degrees to core axis; traces of ssphalerite; traces of chalcopyrite. | F29123 | 1 | 302.0 | 305.0 | 3.0 | 165 | 542 | 38 | 4 |
| | 305.0 | END OF HOLE: | | | | | | | | | |
| | | Note: core stored at the Kirkland Lake core library. | | | | | | | | | |

## APPENDIX IV:

## LIST OF MAPS


L50-00W
L40-00W
L30-00W
TK-92-1
-50°
358'
TK-92-2
-50
305'
1180103
1180100
1180101
1180102
BL
15+00 N
Lake
open
SYMBOLS
Claim post
observed, assumed
LEGEND
Grid line with 100 ft stations.
Creek, Lakeshore
Area of swamp
KEY
WEST SHEET
H.A. MOORE
SOUTH GROUP
TECK TWP., ONTARIO
TOPOGRAPHY
0 200 400
FEET
Dwg. No.
S-91-6-1
Date: October 1991
N.T.S. Ref: 42-A-1


L50-00W
L40-00W
L30-00W
BL
15+00 N
1180103
1180102
1180101
1180100
TK-92-1
TK-92-2
66-1
66-2
P
2
1
LEGEND
5 FELSIC INTRUSIVES
4 MAFIC INTRUSIVES KINOJEVIS GROUP
3 IRON FORMATION
2 Tholeiitic basalt (iron rich)
1 Tholeiitic basalt (magnesium rich)
VLF-EM anomaly
Magnetic low anomaly
Magnetic high anomaly
Geochemical Soil - Au ppb (humus)
< 80
Zn ppm < 100
Pb ppm < 100
Geological contact
LEGEND
Grid line with 100 ft stations.
Creek, Lakeshore
Area of swamp
DDH.
Proposed DDH.
KEY
WEST SHEET
N
H.A. MOORE
SOUTH GROUP
TECK TWP., ONTARIO
COMPILATION MAP
0 200 400
FEET
Dwg. No. 1
S-91-6-16
Date: November 1991
October 1992
N.T.S. Ref: 42A-1



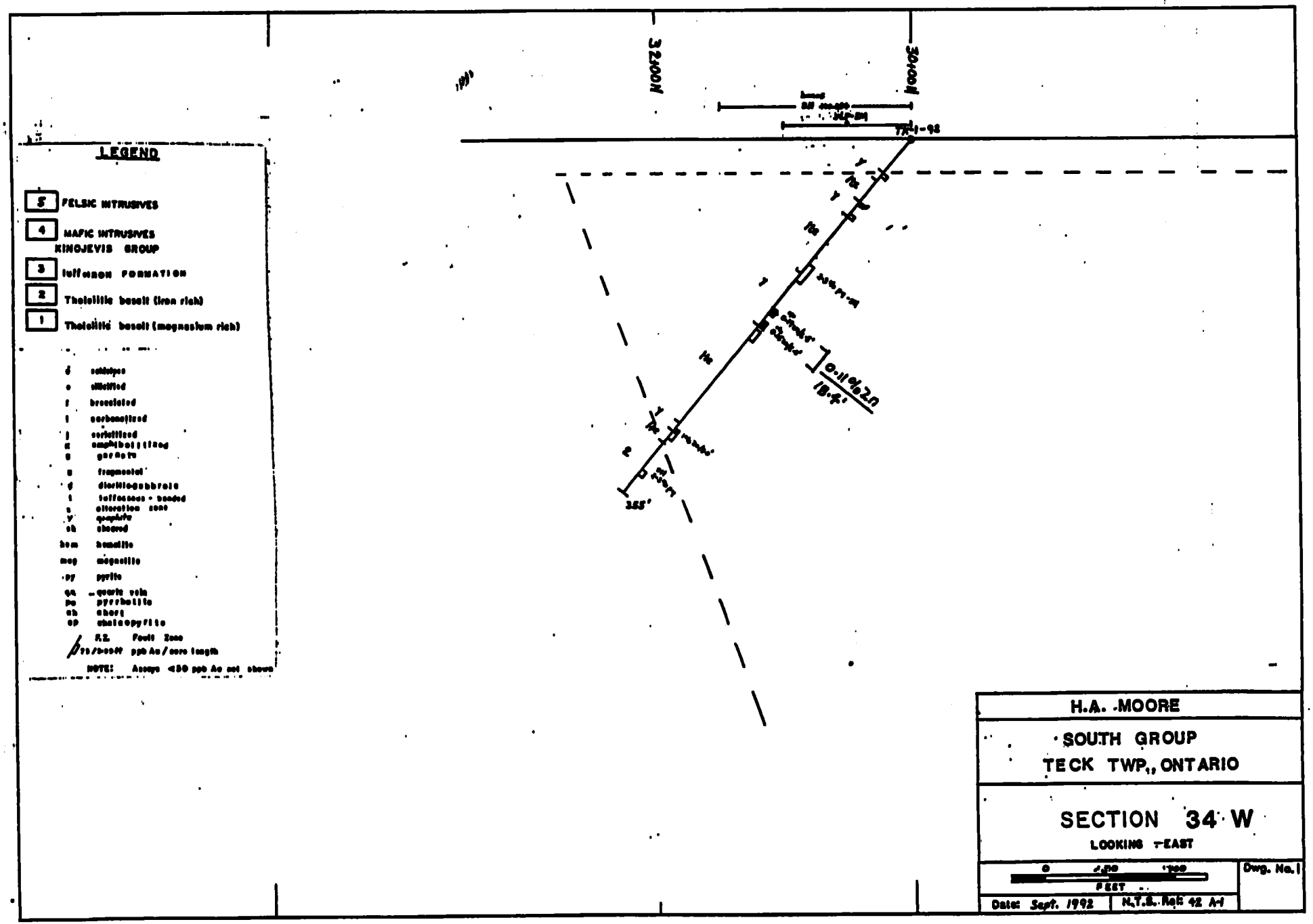

## LEGEND

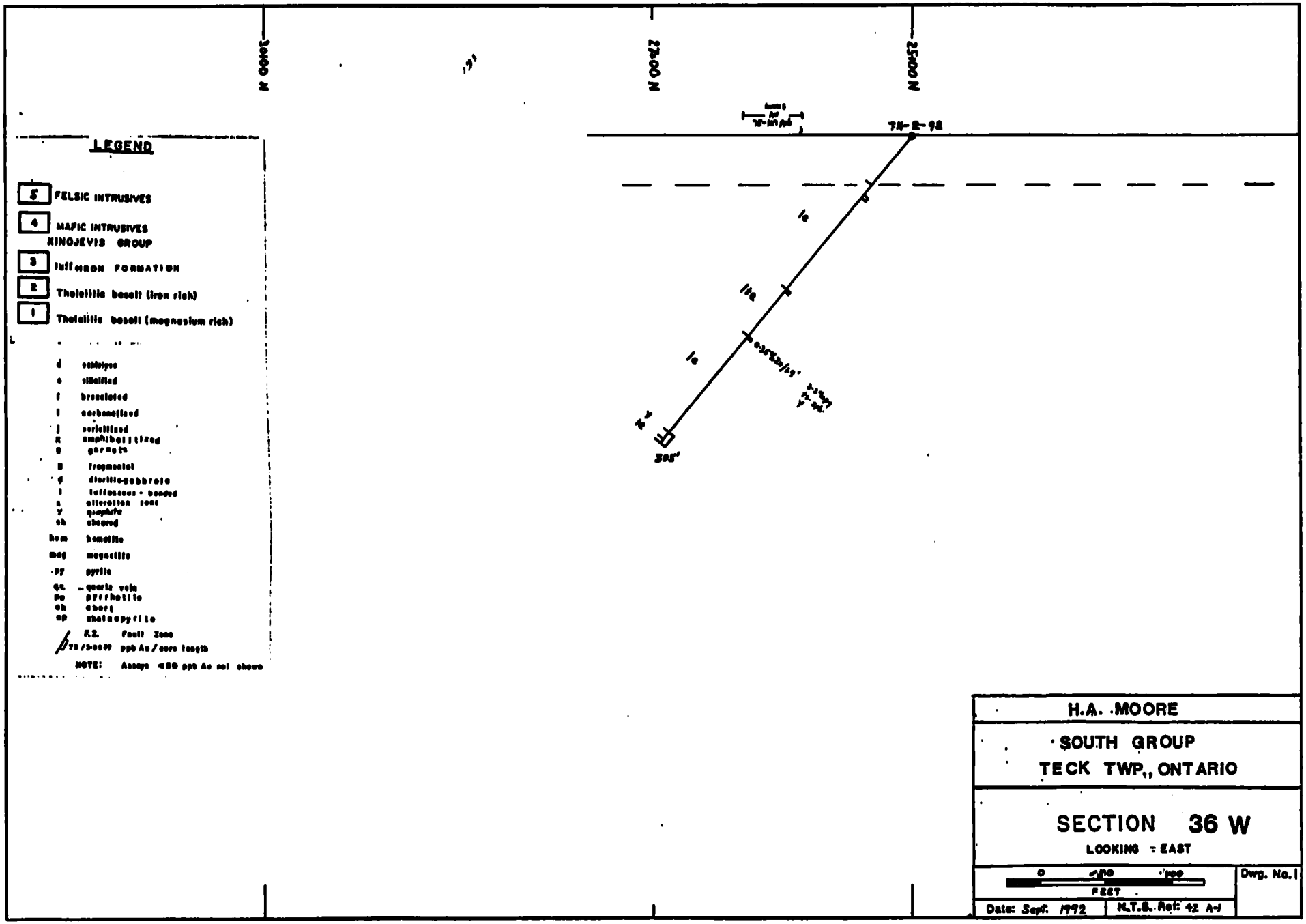
- 5 FELSIC INTRUSIVES
- 4 MAFIC INTRUSIVES
- KINOJEVIS GROUP
- 3 Tuff-iron formation
- 2 Tholeiitic basalt (iron rich)
- 1 Tholeiitic basalt (magnesium rich)

schistose
silicified
brecciated
carbonatized
sericitized
amphibolitized
garnets
fragmental
dioritic-gabbroic
tuffaceous - banded
alteration zone
shear
hem hematite
mag magnetite
py pyrite
qv quartz vein
po pyrrhotite
ch chert
cp chalcopyrite
F.Z. Fault Zone
ppb Au / core length

NOTE: Assays <30 ppb Au not shown

| H.A. MOORE | |
|---|---|
| SOUTH GROUP<br>TECK TWP., ONTARIO | |
| SECTION Kerr Addison-65-2,3<br>LOOKING NORTH | |
| 0 50 100 FEET | Dwg. No. S-91-615 |
| Date: October 1991 — N.T.S. Ref: 42-A-1 | |


32+00N
30+00N
LEGEND
5 FELSIC INTRUSIVES
4 MAFIC INTRUSIVES
KINOJEVIS GROUP
3 Tuffaceous FORMATION
2 Tholeiitic basalt (iron rich)
1 Tholeiitic basalt (magnesium rich)
d schistose
c silicified
f brecciated
l carbonatized
j sericitized
a amphibolitized
g garnets
m fragmental
d diorite-gabbro's
t tuffaceous + banded
a alteration zone
y quartzite
sh sheared
hem hematite
mag magnetite
py pyrite
qv quartz vein
po pyrrhotite
ch chert
cp chalcopyrite
F.Z. Fault Zone
oz/ton ppb Au / core length
NOTE: Assays <50 ppb Au not shown
H.A. MOORE
SOUTH GROUP
TECK TWP., ONTARIO
SECTION 34 W
LOOKING EAST
FEET
Date: Sept. 1992
N.T.S. Ref: 42 A-1
Dwg. No.


N 00342
N 00292
N 00252
LEGEND
5 FELSIC INTRUSIVES
4 MAFIC INTRUSIVES
KINOJEVIS GROUP
3 Iuffaxon FORMATION
2 Tholeiitic basalt (iron rich)
1 Tholeiitic basalt (magnesium rich)
d schistose
s silicified
f brecciated
l carbonatized
j sericitized
k amphibolitized
g garnets
fr fragmental
gd diorite-gabbro
t tuffaceous - banded
a alteration zone
y graphite
sh sheared
hem hematite
mag magnetite
py pyrite
qz quartz vein
po pyrrhotite
ch chert
cp chalcopyrite
F.Z. Fault Zone
ppb Au / core length
NOTE: Assays <50 ppb Au not shown
7A-2-92
1e
1fe
1e
305'
H.A. MOORE
SOUTH GROUP
TECK TWP., ONTARIO
SECTION 36 W
LOOKING : EAST
FEET
Dwg. No.1
Date: Sept. 1992
N.T.S. Ref: 42 A-1

# APPENDIX V:

# ASSAYS

BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107
POJ 1KO FAX: (705) 672-5843

# Certificate of Analysis



NO. 247 DATE: Septembe 24, 1992

SAMPLE(S) OF: Rock(6) RECEIVED: Septembe 1992

SAMPLE(S) FROM: Mr. H. A. Moore.

| Sample # | Gold ppb | Ag ppm | Cu ppm | Zn ppm | Pb ppm |
|---|---|---|---|---|---|
| F28661 | 4 | | | | |
| F28662 | 5 | | | | |
| F28663 | 3 | 1 | 75 | 73 | 16* |
| F28664 | 4 | | | | |
| F28665 | 3 | | | | |
| F28666 | 5 | | | | |

* No charge.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Per _____

BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187, POJ 1KO
HAILEYBURY, ONTARIO
TEL: 672-3107
FAX: (705) 672-5843

# Certificate of Analysis



NO. 259

DATE: October 02, 1992

SAMPLE(S) OF: Core(23)

RECEIVED: October 1992

SAMPLE(S) FROM: Mr. H. A Moore, New Liskeard, Ontario

| Sample # | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ag ppm |
|---|---|---|---|---|---|
| F29101 | 14 | 177 | 51 | 918 | 2.6 |
| F29102 | 7 | 176 | 20 | 460 | 2.2 |
| F29103 | 15 | 318* | 28* | 1106* | 2.2* |
| F29104 | 7 | | | | |
| F29105 | 3 | | | | |
| F29106 | 8 | | | | |
| F29107 | 10 | 143 | 20 | 922 | 2.0 |
| F29108 | 11 | 260 | 21 | 206 | 2.2 |
| F29109 | 12 | 196 | 26 | 1152 | 2.2 |
| F29110 | 14 | 388 | 75 | 2840 | 2.2 |
| F29111 | 12 | 370 | 33 | 1010 | 1.4 |
| F29112 | 11 | 266 | 16 | 1880 | 1.6 |
| F29113 | 11 | 274 | 28 | 10080 | 2.0 |
| F29114 | 7 | | | | |
| F29115 | 10 | | | | |
| F29116 | 8 | | | | |
| F29117 | 15 | | | | |
| F29118 | 7 | 247 | 25 | 746 | 1.6 |
| F29119 | 14 | 328 | 41 | 596 | 3.6 |
| F29120 | 15 | 338 | 62 | 3460 | 3.8 |
| F29121 | 10 | 170 | 21 | 624 | 1.4 |
| F29122 | 12 | 117 | 21 | 562 | 1.8 |
| F29123 | 4 | 165 | 30 | 542 | 2.0 |

* No charge.

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

Per

# APPENDIX VI:

# PROJECT EXPENDITURES

H.A. MOORE
OPAP OP92-
SUMMARY OF TOTAL EXPENDITURES
TECK TOWNSHIP PROPERTY
SOUTH GROUP, WEST BLOCK
to OCTOBER 12,1992

| | | |
|---|---|---|
| DIAMOND DRILLING: | Heath & Sherwood: 9/23-25/92<br>660 feet= $14.25/ft. | $ 9,404.23 |
| G. Mooney: | spotting DDH's 9/10/92 | 300.00 |
| ASSAYING: | Bell-White: | 55.00 |
| | 10/06/92 | 264.29 |
| REPORT: | Seal River Expl.Ltd: 9/21/92-10/12/92<br>report (2), plotting (1), spotting holes(2), logging (2), splitting & sampling core (1), transportation (300km), prints, copies, reductions & reproductions. | 996.53 |
| | TOTAL: | $11,020.05 |

# APPENDIX VII:

# PROPOSED DDH'S - 1993

H.A. MOORE PROPERTY
TECK TOWNSHIP
SOUTH GROUP, WEST BLOCK

PROPOSED DDH'S -1993

| DDH # | NORTH | EAST | SECTION | AZ | DIP | DEPTH FEET | REMARKS - PURPOSE |
|---|---|---|---|---|---|---|---|
| 3 | 42+00W | 25+00N | 42W | 340 | 50 | 350 | HEM/VLF-EM/ZN GEOCH |
| 4 | 42+00W | 28+00N | 42W | 340 | 50 | 350 | HEM/VLF-EM/ZN GEOCH |
| 5 | 52+00W | 25+00N | 52W | 360 | 50 | 350 | HEM/VLF-EM/ZN GEOCH |
| TOTAL: | | | | | | 1050' | |

Ministry of Northern Development and Mines
Ontario

# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9480.00450

Personal information collected on this form is obtained under the authority of the this collection should be directed to the Provincial Manager, Mining Lands, N Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

42A01NE0083 2.15574 TECK

900

GAO

**Instructions:**
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for r 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): Hugh A. Moore Box 146, | | Client No.: 171975 |
| Address: 38 Wellington St. N, New Liskeard, Ont | | Telephone No.: 647-5179 |
| Mining Division: Larder Lake | Township/Area: Teck P03 P90 | M or G Plan No.: X9 392 |
| Dates Work Performed — From: 9/10/92 | To: 10/6/92 | |

**Work Performed (Check One Work Group Only)**

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SEP 15 1994
MINING LANDS BRANCH

| | Work Group | Type |
|---|---|---|
| | Geotechnical Survey | Geol |
| | Physical Work, Including Drilling | Heath + Sherwood - 660 feet Drilli |
| | Rehabilitation | |
| | Other Authorized Work | Seal River Resources (~~Holdings~~) |
| ✓ | Assays | Bell White. |
| | Assignment from Reserve | |

**Total Assessment Work Claimed on the Attached Statement of Costs** $ 13,669

**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 |
|---|---|
| F. S. Sharpley (2 persons) | 2372 Sinclair Circle, Burlington Ont |
| G. Moonie - (2 persons) | RR #1 New Liskeard Ont |
| Heath + Sherwood (Drillers) | Kirkland Lake, Ont |
| | |

(attach a schedule if necessary)

**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: Sept 8/94 | Recorded Holder or Agent (Signature): H. A. Moore |

**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: Hugh A. Moore

| Telephone No. | Date | Certified By (Signature) |
|---|---|---|
| 705-647-5179 | Sept 8/94 | H. A. Moore |

**For Office Use Only**

| Total Value Cr. Recorded | Date Recorded | Mining Recorder | Received Stamp |
|---|---|---|---|
| 13,669 | Sept 8/94 | [signature] | SEP 8 PM 3 35 RECEIVED |
| | Deemed Approval Date: Dec 7/94 | Date Approved: Dec 7/94 | |
| | Date Notice for Amendments Sent | | |

LAKE MINING DIVISION

0241 (03/91)

(1993/03)

| Work Report Number for Applying Reserve | Claim Number (see Note 2) | Number of Claim Units | Value of Assessment Work Done on this Claim | Value Applied to this Claim | Value Assigned from this Claim | Reserve: Work to be Claimed at a Future Date |
|---|---|---|---|---|---|---|
| 2.1557 4 | 437444 | 1 | [redacted] | [redacted] | [redacted] | |
| | 437447 | 1 | [redacted] | [redacted] | [redacted] | |
| | 437448 | 1 | [redacted] | [redacted] | [redacted] | 6,669 |
| | 1180100 * | 1 | 26,669 [redacted] | [redacted] | [redacted] | |
| | 1180101 X | 1 | 7,000 [redacted] | [redacted] | [redacted] | 7,000 |
| | 1180102 | 1 | [redacted] | [redacted] | [redacted] | |
| | 1180103 | 1 | [redacted] | [redacted] | [redacted] | |
| Total Number of Claims | | | Total Value Work Done | Total Value Work Applied | Total Assigned From | Total Reserve |
| | | | 13,669 | | | 13,669 |

RECEIVED
SEP 15 1994
MINING LANDS BRANCH

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 priorize 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 priorized 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, 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:

| 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 |
|---|---|---|
| | | |

Northern Development and Mines / Ministère du Développement du Nord et des Mines

# for Assessment Credit

# État des coûts aux fins du crédit d'évaluation

**Mining Act/Loi sur les mines**

Transaction No./N° de transaction: W9480.00450

2.15574

onal information collected on this form is obtained under the authority ne Mining Act. This information will be used to maintain a record and ing status of the mining claim(s). Questions about this collection should irected to the Provincial Manager, Minings Lands, Ministry of Northern elopment and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario 6A5, telephone (705) 670-7284.

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, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7284.

## Direct Costs/Coûts directs

| Type | Description | Amount Montant | Totals Total global |
|---|---|---|---|
| ges aires | Labour G. Moore Main d'oeuvre | 300 | |
| | Field Supervision Supervision sur le terrain | 996.53 | 1296.53 |
| ntractor's d Consultant's es ûts de ntrepreneur de l'expert-seil | Type BQ DRILLING | 9404.23 | |
| | | | |
| | | | 9404.23 |
| pplies Used urnitures ilisées | Type ASSAYS | 319.29 | |
| | TAPE, STAPLES | | |
| | LOGS, PRINTING | 75.00 | |
| | | | 394.29 |
| uipment ntal cation de térial | Type Core Credit | 674 ~~800.00~~ N/A | |
| | | | N/A |
| | | | 674 ~~800.00~~ |
| | **Total Direct Costs / Total des coûts directs** | | 11895.05 |

## 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 TRUCK 4X4 | | |
| | NEW LISKEARD TO KIRK LAKE | | |
| | 20 dang 150 kms | | |
| | 3000 @ .30 | 900.00 | |
| Food and Lodging Nourriture et hébergement | 20 days @ 150/day | 1000.00 | 1900.00 |
| Mobilization and Demobilization Mobilisation et démobilisation | | | |
| | **Sub Total of Indirect Costs / Total partiel des coûts indirects** | | 1900.00 |
| **Amount Allowable (not greater than 20% of Direct Costs) / Montant admissible (n'excédant pas 20 % des coûts directs)** | | | 13669.00 |
| **Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)** | | | ~~13795.05~~ 13569.05 N/A |

e: 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.

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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.

## ng 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:

| al Value of Assessment Credit | Total Assessment Claimed |
|---|---|
| × 0.50 = | |

## 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.

| Valeur totale du crédit d'évaluation | Évaluation totale demandée |
|---|---|
| × 0,50 = | |

## tification Verifying Statement of Costs

reby certify:
the amounts shown are as accurate as possible and these costs e incurred while conducting assessment work on the lands shown he accompanying Report of Work form.

: as Hugh A. Moore I am authorized
(Recorded Holder, Agent, Position in Company)

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 |
|---|---|
| H. A. Moore | Sept 8/94 |

(04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

December 29, 1994

Our File: 2.15574
Transaction: #W9480.00450

Mining Recorder
Ministry of Northern
Development and Mines
4 Government Road East
Kirkland Lake, Ontario
P2N 1A2

Dear Mr. Spooner:

**RE: Approval of Notice of Reduction issued on mining claim 1180100 in Teck Township.**

---

The assessment work credits as outlined in the notice of reduction dated November 14, 1994 have been approved as of December 29, 1994. The credits have been approved under Section 16, Drilling, Mining Act Regulations.

Please redistribute the allowable assessment credits as requested by the record holder.

If you require any additional assistance please contact Bruce Gates at 670-5856.

ORIGINAL SIGNED BY:

Yours sincerely,

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

BIG/dl

cc. Assessment Files Office
Sudbury, Ontario

Resident Geologist
Kirkland Lake, Ontario

Ministry of Natural Resources
Ontario

Ministry of Northern Development and Mines

# INDEX TO LAND DISPOSITION

PLAN
G-3719

TOWNSHIP
TECK

M.N.R. ADMINISTRATIVE DISTRICT
KIRKLAND LAKE

MINING DIVISION
LARDER LAKE

LAND TITLES/REGISTRY DIVISION
TIMISKAMING

Scale 1:20 000

1000 Metres 0 1000 2000 Metres

1000 Feet 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 Feet

Contour Interval 10 Metres

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## SYMBOLS

- Boundary
- Township, Meridian, Baseline
- Road allowance; surveyed
  - shoreline
- Lot/Concession; surveyed
  - unsurveyed
- Parcel; surveyed
  - unsurveyed
- Right-of-way; road
  - railway
  - utility
- Reservation
- Cliff, Pit, Pile
- Contour
  - Interpolated
  - Approximate
  - Depression
- Control point (horizontal)
- Flooded land
- Mine head frame
- Pipeline (above ground)
- Railway; single track
  - double track
  - abandoned
- Road; highway, county, township
  - access
  - trail, bush
- Shoreline (origin)
- Transmission line
- Wooded area

## AREAS WITHDRAWN FROM DISPOSITION

MRO - Mining Rights Only
SRO - Surface Rights Only
M + S - Mining and Surface Rights

| Description | Order No. | Date | Disposition | File |
|---|---|---|---|---|
| (M) SEC 36/80 | W 108/82 | | M & S | |
| (S) SEC. 36/80 | W-22/88 | | MRO | |
| (M) SEC.43/70 | UNDER NO. O-L-28/92 NER OPENS W76/80 | | W-22/88NR SRO | |
| (M) SEC.36/80 | W3/86 | | M & S | |

2.15574

## DISPOSITION OF CROWN LANDS

- 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
- Cancelled
- Reservation — R
- Sand & Gravel — S

DATE OF ISSUE
SEP 12 1994
LARDER LAKE
MINING RECORDER'S OFFICE

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.

CIRCULATED SEPT. 23/93 D. McKEAN

Map base and land disposition drafting by Surveys and Mapping Branch, Ministry of Natural Resources.

The disposition of land, location of lot fabric and parcel boundaries on this index was compiled for administrative purposes only.

TECK TWP

G-3719

42A01NE0083 2.15574 TECK

200
200

## LEGEND

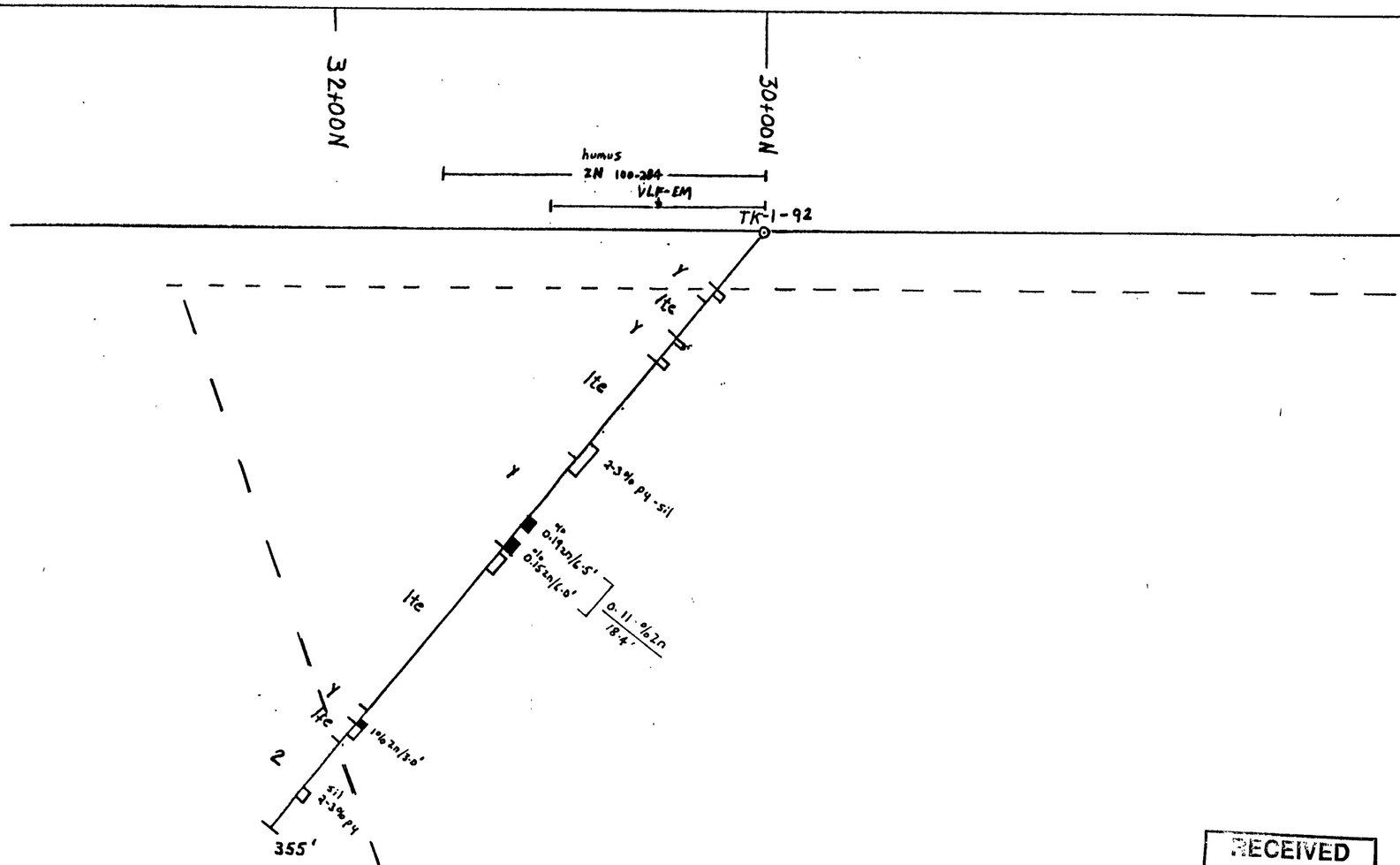
| | |
|---|---|
| 5 | FELSIC INTRUSIVES |
| 4 | MAFIC INTRUSIVES |
| | KINOJEVIS GROUP |
| 3 | tuff • IRON FORMATION |
| 2 | Tholeiitic basalt (iron rich) |
| 1 | Tholeiitic basalt (magnesium rich) |

| | |
|---|---|
| a | schistose |
| e | silicified |
| f | brecciated |
| l | carbonatized |
| j | sericitized |
| K | amphibolitized |
| g | garnets |
| H | fragmental |
| d | dioritic-gabbroic |
| t | tuffaceous - banded |
| x | alteration zone |
| y | graphite |
| sh | sheared |
| hem | hematite |
| mag | magnetite |
| py | pyrite |
| q.v. | quartz vein |
| po | pyrrhotite |
| ch | chert |
| cp | chalcopyrite |

F.Z. Fault Zone

73/3-99ft ppb Au / core length

NOTE: Assays <50 ppb Au not shown




2.15574

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MINING LANDS BRANCH

H.A. MOORE

SOUTH GROUP

TECK TWP., ONTARIO

SECTION 34 W

LOOKING EAST

0 500 1000 FEET

Dwg. No. 1

Date: Sept. 1992

N.T.S. Ref: 42 A-1

42A01NE0063 2 15574 TECK

30+00 N

27+00 N

25+00 N

humus
Au
75-127 ppb

TK-2-92

le

lte

le

0.35%Zn/1.9'

2-3% opy
tr. sph.
V

le Y

305'

## LEGEND

- 5 FELSIC INTRUSIVES
- 4 MAFIC INTRUSIVES
- KINOJEVIS GROUP
- 3 tuff•IRON FORMATION
- 2 Tholeiitic basalt (iron rich)
- 1 Tholeiitic basalt (magnesium rich)

| | |
|---|---|
| a | schistose |
| e | silicified |
| f | brecciated |
| l | carbonatized |
| j | sericitized |
| K | amphibolitized |
| g | garnets |
| H | fragmental |
| d | dioritic-gabbroic |
| t | tuffaceous - banded |
| x | alteration zone |
| y | graphite |
| sh | sheared |
| hem | hematite |
| mag | magnetite |
| py | pyrite |
| q.v. | quartz vein |
| po | pyrrhotite |
| ch | chert |
| cp | chalcopyrite |

F.Z. Fault Zone

73/3.9ft ppb Au / core length

NOTE: Assays <50 ppb Au not shown

2.15574

RECEIVED
SEP 15 1994
MINING LANDS BRANCH

H.A. MOORE

SOUTH GROUP

TECK TWP., ONTARIO

# SECTION 36 W

LOOKING EAST

0 100 200
FEET

Dwg. No. 1

Date: Sept. 1992

N.T.S. Ref: 42 A-1

42A01NE0083 2.15574 TECK