010

GEOLOGICAL EVALUATION REPORT

ON THE

27-MINERAL CLAIM GROUP

NUMBERED K1010302-K1010325 AND K1084913-15 INCLUSIVE

KENORA MINING DIVISION

ISINGLASS LAKE - ROWAN LAKE - CAMERON LAKE AREA

KENORA, ONTARIO

W. Long. 93°41'15" N. Lat. 49°21'30"

NTS 52-F-5E

for

CALIBAN RESOURCES INC.
Suite 708
543 Granville Street
Vancouver, British Columbia
V6C 1X8

by

DONALD W. TULLY, P. ENG.
Seal on this file

November 14, 1988 West Vancouver, B.C.

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42777-0 and 42778-0
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Assay Certificates

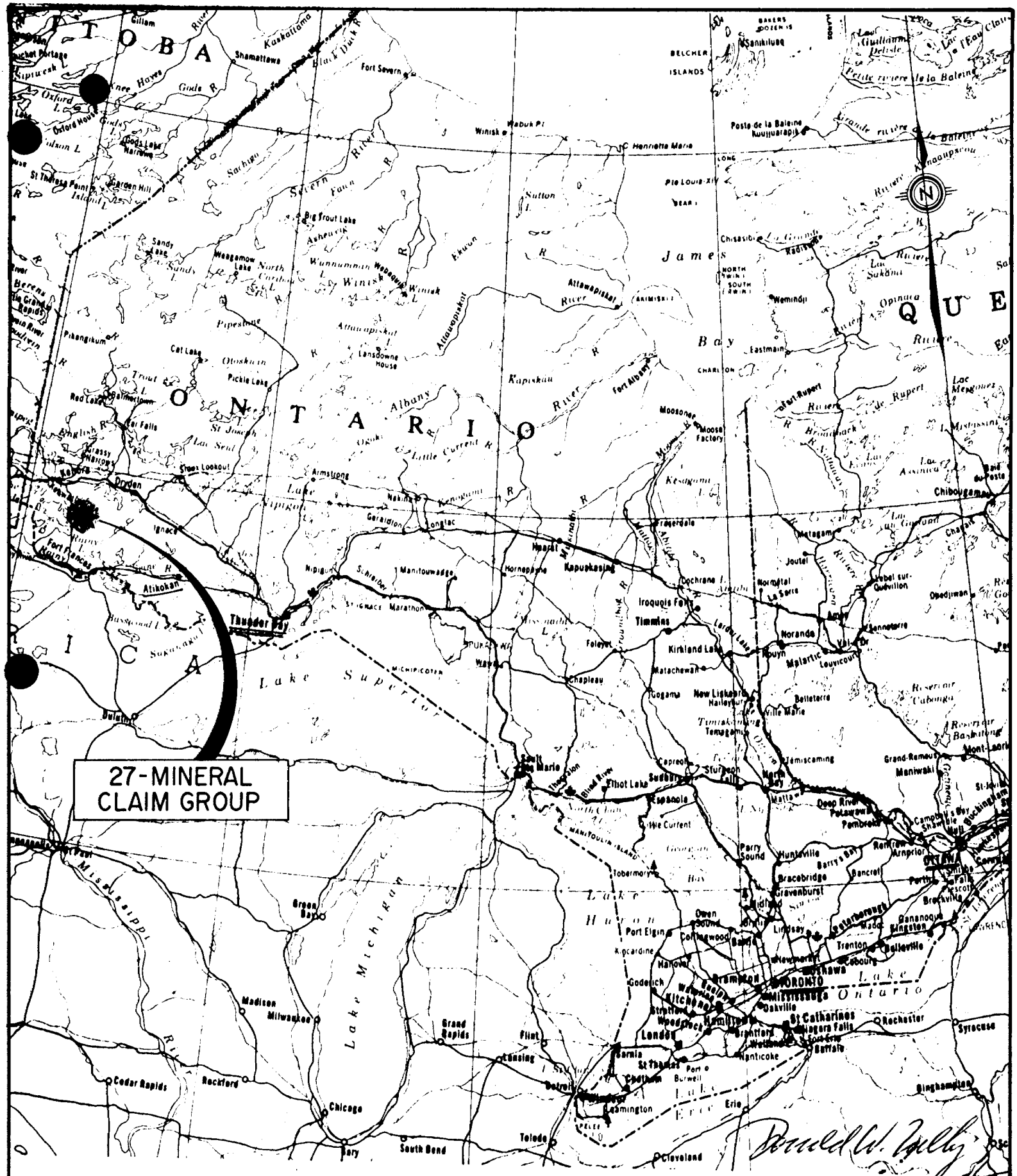

FIGURE I

PROPERTY LOCATION MAP

SCALE AS SHOWN

NOVEMBER 14, 1988

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1.0 INTRODUCTION

1.1 This report was prepared pursuant to a request from the Directors of Caliban Resources Inc., Suite 708, 543 Granville Street, Vancouver, British Columbia V6C 1X8.

1.2 The purpose of this report is to review the results of the previous development activities on the 27-Mineral Claim Group including the recent program of mineral exploration and assess the mine-making potential of the property.

1.3 This report is based upon a property examination on September 27, 1988 and a study of reports, maps and exploration data in the files of the Resident Geologist, Kenora, Ontario and from personal communications and past experience in the Rowan Lake area. The writer wishes to acknowledge valuable assistance from Messrs. M. Elson, B. Price and J. Bergvinson in the preparation of this text.

1.4 A program of mineral exploration is recommended.

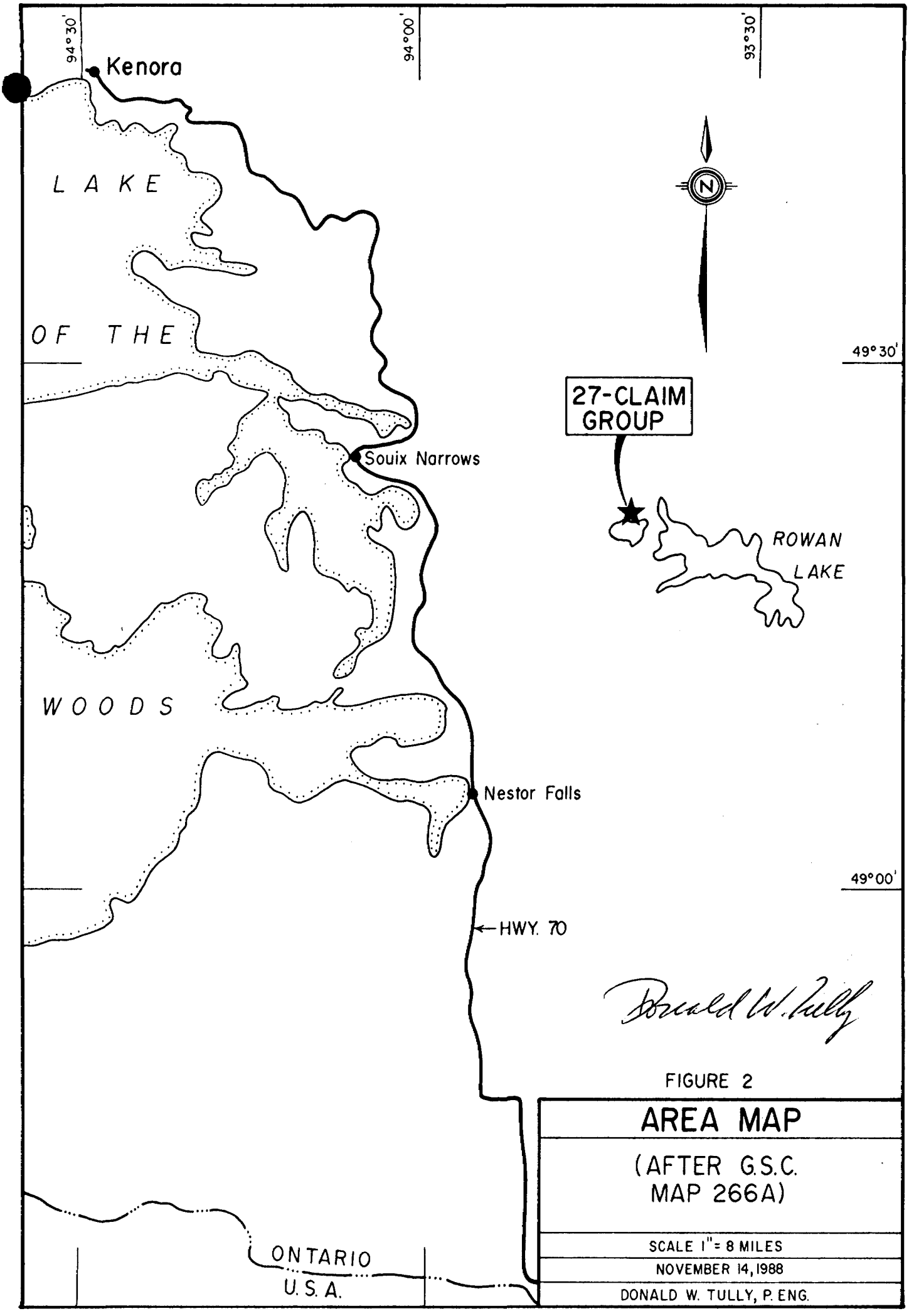
2.0 SUMMARY AND CONCLUSIONS

2.1 The 27-Mineral Claim Group is located some 75 kilometres southeast of Kenora, in the northwestern sector of the Province of Ontario.

2.2 The claim group comprises twenty-seven contiguous mineral claims situated on the north side of Isinglass Lake, Rowan Lake area, in the Kenora Mining Division.

2.3 The total land area is calculated to be 437 hectares (1,080 acres), subject to survey.

2.4 Gold was discovered on the north shore of Isinglass Lake probably around the turn of this century. This ground



Donald W. Tully

FIGURE 2

AREA MAP

(AFTER G.S.C.
MAP 266A)

SCALE 1" = 8 MILES

NOVEMBER 14, 1988

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has been the subject of continued attraction by major mining interests - Noranda (1952), Dome (1955), Selco (1956) and Canadian Nickel (1970-71). Among other diamond drill hole intersections Dome found 1.30% combined Copper-Nickel over a core length of 15 feet in one drill hole.

2.5 The topography is a relatively flat glaciated terrain. A local height-of-land occupies the ground immediately north of the north shore of Isinglass Lake.

2.6 Three main lithological units occupy the property area. These are granite, a complex of gabbro and related ultrabasic intrusives and mafic volcanics, which are part of a vast volcanic effusion in this region. A gabbroic mass occupies the central sector of the claim group. The rocks are intruded by acidic and basic dykes. All these rocks are considered to be Archean (Proterozoic) in age.

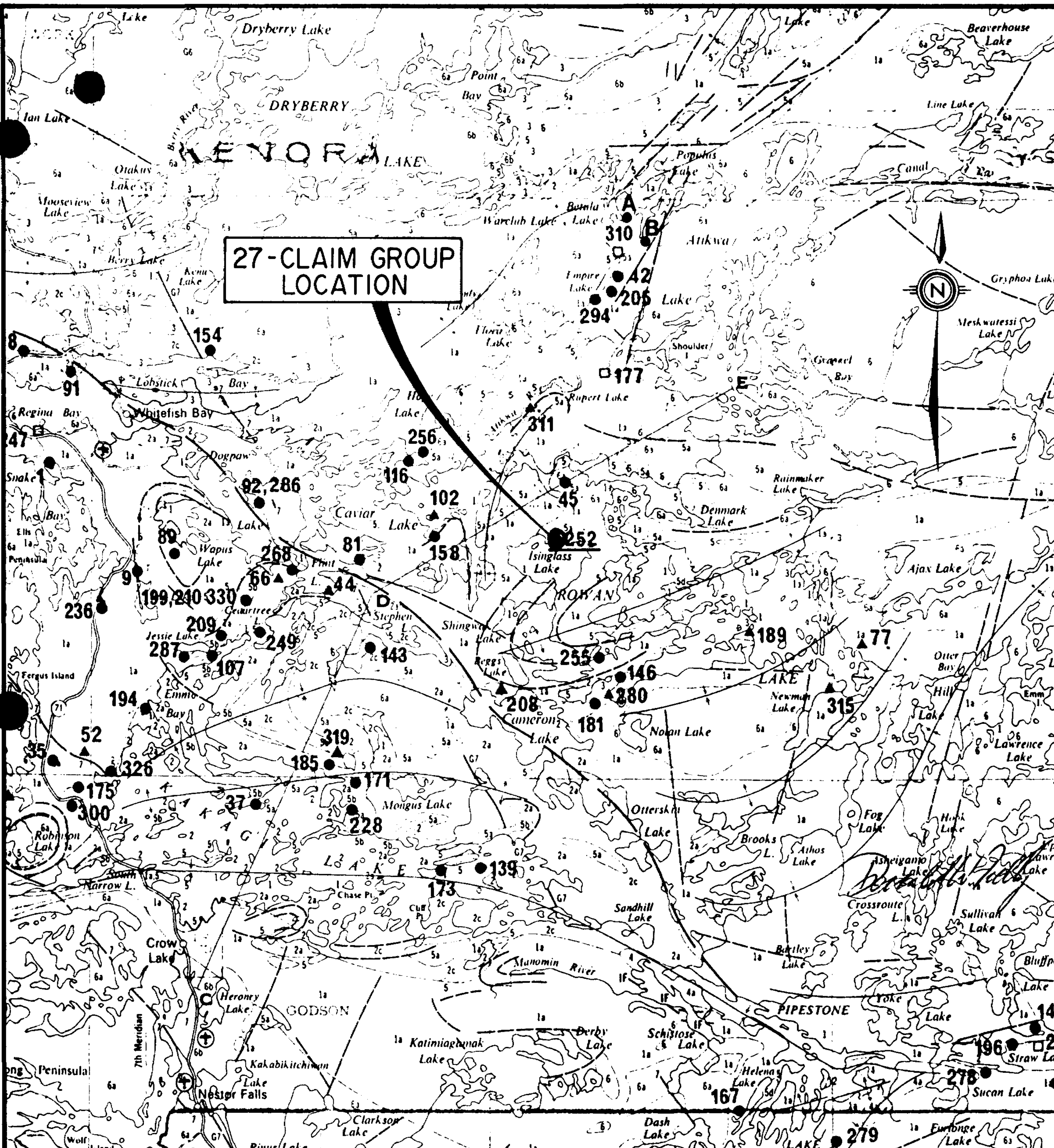
2.7 The geologic structure over the 27-Mineral Claim Group trends from northeast to northwest and follows a pattern of regional foliation. N-NE patterns of faulting have been noted in both the western and eastern sectors of the property and may be closely related to the occurrence of the gold-copper-nickel mineralization.

2.8 A program of geochemical soil sampling, VLF-EM and magnetometer surveying, hand-trenching and rock sampling and limited geological mapping was carried out during September 1988 over the central portion of the property area. This program resulted in the examination of two gold and two base-metal occurrences and in addition, gave indications of potential for numerous other discoveries of these metals. Fifty indicated anomalous values in gold and copper were found in the soil sampling program of 914 samples. Fifty-four rock samples were taken from previous trenchings. One of these

rock samples taken by the writer in the southeast sector of the claim group showed 2.74% copper and 0.020 opt gold across a true width of 3.0 metres and may have economic potential. Encouraging copper values were found along a strike length of 200 metres in the same area ("B" Grid 600N-800N).

2.9 It is concluded the 27-Mineral Claim Group is located in a favourable geological environment for the discovery of both gold and base metal deposits. The property is considered to be underexplored and an excellent exploration bet at the risk scale value of 8 as indicated in SCHEDULE I. This group of claims warrants a program of further mineral development.

2.10 A two-phase program of mineral exploration is recommended at an estimated total cost of $230,000.



Some Property Names (See OGS - MDC 16)

- #45 - Caviar Lake Occurrence
- 102 - Gold Panner Prospect
- 116 - Grand Chibougamu Occur.
- 146 - Kuryliw - Sullivan Bay (Nuinsco) Occurrence
- 158 - Logie Occurrence
- 177 - Maybrun Mine
- 181 - Meston Occurrence
- 208 - Noranda - Beggs Lake (Nuinsco) Cameron Lake Gold Prospect
- #247 - Regina Mine
- 252 - Poseman - Thompson Occurrence
- 255 - Roy Occurrence
- 256 - Roy Occurrence
- 277 - Straw Lake Beach Mine
- 280 - Sullivan Prospect
- 310 - Violet Mine
- 311 - Virginia Prospect
- A - Kenbridge Nickel
- B - Falconbridge Nickel

FIGURE 3

AREA PROPERTY MAP

(AFTER CHART A OGS-MDC 16

SCALE 1-253,440

NOVEMBER 14, 1988

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3.0 PROPERTY - LOCATION, ACCESS, PHYSIOGRAPHY AND ENVIRONMENTAL CONSIDERATIONS

3.1 The 27-Mineral Claim Group is located about seventy-five air kilometres southeast of Kenora, Ontario.

3.2 The property consists of twenty-seven mineral claims, covering a calculated area of 437 hectares (1,080 acres) subject to survey. The property is situated along the north side of Isinglass Lake and immediately west of Rowan Lake in the Kenora Mining Division.

3.3 Access to the property at the present time is best by float plane from either Kenora or Dryden to the northeast from Isinglass Lake. Each town is located about the same distance from the 27-Mineral Claim Group. Bush road access is possible from a point north of Sioux Narrows on Hwy 70 to a point some three kilometres north of the property (Figures 2, 3, 4). It is understood a gravel road extends from Hwy 70 to the Nuinsco Cameron Lake Gold Prospect at Beggs Lake. Nestor Falls on Hwy 70 is some 20 km. to the southwest.

3.4 The topography is typical precambrian with low scattered rocky knolls, intervening muskeg and small lakes. Total relief over the 27-Mineral Claim Group is about 40 metres. The highest point on the property is slightly over 390 m. Isinglass Lake occupies a local height-of-land at elevation ±352 m. Isinglass Lake drains south into Shingwak Lake at elevation ± 344 m. and thence into Rowan Lake at elevation ±341 m. Rowan Lake drains northwestward into Denmark Lake into which the small lakes on the property drain northward.

3.5 The overburden is shallow over the property area, probably less than two metres on average. It is chiefly

sand, gravel, boulders, clay, muskeg and peat with remnants of glacial till.

3.6 The forest cover is jackpine, black spruce, poplar and birch. The underbrush is relatively thin and open.

3.7 There is ample water available on the property for any immediate industrial needs. The nearest hydro-electric power transmission line is located some 25 kilometres to the west near Sioux Narrows.

3.8 Environmentally, the 27-Mineral Claim Group area is considered to be only moderately sensitive.

4.0 CLAIMS

4.1 Information obtained from claim abstracts from the Office of the Mining Recorder, Kenora Mining Division, Kenora, Ontario concerning the following located mineral claims is as follows:

Claim No.	Record Date	Expiry Date	Remarks
K1010302	July 17, 1987	Jan. 17, 1989	John Miles Waite holds 100% interest
K1010303	July 17, 1987	Jan. 17, 1989	"
K1010304	July 17, 1987	Jan. 17, 1989	"
K1010305	July 17, 1987	Jan. 17, 1989	"
K1010306	July 17, 1987	Jan. 17, 1989	"
K1010307	July 17, 1987	Jan. 17, 1989	"
K1010308	July 17, 1987	Jan. 17, 1989	"
K1010309	July 17, 1987	Jan. 17, 1989	"
K1010310	July 17, 1987	Jan. 17, 1989	"
K1010311	July 17, 1987	Jan. 17, 1989	"

(Cont'd)

Claim No.	Record Date	Expiry Date	Remarks
K1010312	July 17, 1987	Jan. 17, 1989	John Miles Waite holds 100% interest
K1010313	July 17, 1987	Jan. 17, 1989	"
K1010314	July 17, 1987	Jan. 17, 1989	"
K1010315	July 17, 1987	Jan. 17, 1989	"
K1010316	July 17, 1987	Jan. 17, 1989	"
K1010317	July 17, 1987	Jan. 17, 1989	"
K1010318	July 17, 1987	Jan. 17, 1989	"
K1010319	July 17, 1987	Jan. 17, 1989	"
K1010320	July 17, 1987	Jan. 17, 1989	"
K1010321	July 17, 1987	Jan. 17, 1989	"
K1010322	July 17, 1987	Jan. 17, 1989	"
K1010323	July 17, 1987	Jan. 17, 1989	"
K1010324	July 17, 1987	Jan. 17, 1989	"
K1010325	July 17, 1987	Jan. 17, 1989	"
K1084913	Sept.28, 1988	Sept.28, 1989	Michael S. Elson
K1084914	Sept.28, 1988	Sept.28, 1989	"
K1084915	Sept.28, 1988	Sept.28, 1989	"

4.2 The claims are considered to contain 16 hectares each for a calculated total area of 437 hectares (1,080 acres) subject to survey.

4.3 The claims are shown on Figure 5.

5.0 HISTORY - PREVIOUS DEVELOPMENT

5.1 The presence of a five-stamp mill, now in ruins, at the site of the Roseman-Thompson Gold Showing suggests this discovery was made sometime either in the late 1800's or early 1900's. Data on file with the OGS - Resident Geologist Office at Kenora shows this gold showing was

located on patented claim S.473.

5.2 The area was mapped initially by Wm. McInnes for the Geological Survey of Canada in 1903 (Map 720). In 1933, E.M. Burwash mapped the Kakagi Lake Area, which included Isinglass Lake, for the Ontario Department of Mines. Burwash reported an outcrop of granite in the area of a sheared zone carrying a quartz vein on claim S.473 on Isinglass Lake. That same year, T.L. Tanton compiled the mapping previously done in the Rainy Lake - Lake of the Woods Area for the Geological Survey of Canada as the Kenora Sheet (Map 266A).

5.3 Sylvanite Gold Mines, Kirkland Lake, examined the Roseman-Thompson Gold showing in 1943 and the results of the sampling are shown on Figure 11. By that time (1943), this gold showing was shown as located on claim K9852 and was held by Messrs. J.N. Thompson and Roseman of Kenora.

5.4 A group of 27 claims were staked along the west side of Rowan Lake and the north side of Isinglass Lake and acquired by the Denlake Mining Company Limited in 1951. These claims were also known as the Edwards-Longe claims. Denlake reported trenching, magnetometer and electromagnetic surveys over a copper showing some 450 metres west of Rowan Lake and about 750 metres south of the 4th Base Line (Speight) in the area of the northeast sector of the 27-Mineral Claim Group. OGS Report 111 reported this copper showing to be a lens of pyrrhotite and chalcopyrite some ten metres long occurring in silicified andesite in a northwest trending shear zone. Assays of chip samples across 5-foot widths were reported as ranging between 0.59% and 2.16% in copper with low values in gold (OGS files E-1, H-1).

5.5 Early in 1952, Noranda Mines optioned the 27-claim group from the Edwards-Longe interest and carried out a program of ground magnetometer surveying and diamond drilling under the direction of M.M. Menzies. The magnetometer survey was done over the ground now held by claims K1010316-17 and K1010322-25 in the northeast section of the property. Magnetic anomalies were encountered in the area of claims K1010322-23. Noranda also diamond drilled two holes beneath the channel on Rowan Lake about a claim east of the present 27-Mineral Claim Group. Dr. G.G. Suffel mapped and reported on 16 claims of the Noranda Option. His report dated November 15, 1952 indicated that chalcopyrite and magnetite occurred in association with porphyry dykes in the west central sector of former claim K15755 in the area of the present claim K1010323 (OGS file K-1).

5.6 In 1955, a group of claims located west of the Edwards-Longe property and north of Isinglass Lake, known as the H.A. Bergman Prospect (Cameron-Berman (Bergman?) Option) were examined by Dome Exploration (Canada) Limited. Dome carried out a magnetometer survey and diamond drilled eleven holes, totalling 5,617 feet (1,712.5 m.) according to the drill logs, during the period of June through September. The logs of these eleven diamond drill holes are shown in APPENDIX "A" to this report but a plan is not available in the OGS file J-1.

5.7 A summary of the diamond drilling done by Dome Exploration is as follows:

DD Hole No.	Dir'n.	Dip	Depth (feet)	Claim No.	Results
C - 1	S81°E(M)	-45°	300	K19080	Copper values range 0.10% - 0.75% Nickel values range 0.28% - 0.87% in 18 core intersections ranging from 0.8' - 5.0' in norite
C - 2	S81°E(M)	-45°	800	K19080	500-525 (25') low values Cu + Ni in norite host rock
C - 3	-	-90°	991.5	K19080	400-425 (25') low Cu + Ni values in norite
					450-475 (25') values estimated in log to be ± 1% Cu + Ni
					475-521 (46') values estimated in log to be ± 0.60% Cu + Ni
C - 4	-	-90°	430	K19080	No values reported
C - 5	-	-90°	472.5	K19080	165-300 (135') low values in Cu + Ni
					300-315 (15') 0.51% Cu + 0.79% Ni = 1.30% combined Cu + Ni in norite
C - 6	N/R	N/R	403	K19080	115-120 (5') low Cu + Ni values in norite host rock
C - 7	N/R	N/R	407	K19080	No values reported
C - 8	N/R	-90°	401	K19079	No values reported
C - 9	N/R	-90°	400	K19083	No values reported
C - 10	North	-45°	405	K19515	No values reported
C - 11	South	-45°	607	K22111	No values reported
			5,617 feet (1,712.5 m.)		

N/R = Not recorded

A total of 6,010 feet of diamond drilling was reported in the record but the data shown is taken from the drill logs.

Several D.D. holes shown on Figures 8 and 18 are unaccounted for and may have been drilled by Dome.

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5.8 In 1956, the Selco Exploration Company Limited optioned the Edwards-Longe property located in the eastern sector of the 27-Mineral Claim Group on the north side of Isinglass Lake. Selco diamond drilled four holes on former claims numbered K22865, K15748, K15743, totalling 1,752.9 feet (534.4 m.). These four drill holes are located in the area of claim K1010324 of the present 27-Mineral Claim Group as indicated on Figure 15.

5.9 A summary of the diamond drilling done by Selco during the period between March-August, 1956 is as follows:

DD Hole No.	Dir'n (azm)	Dip	Depth (feet)	Claim No.	Results
L - 1	303°	-45°	250	K22865	20 - 35 (15') low values Cu+Au 120.4-130.4 (10') low values Cu+Au 140.5-160.5 (20') low values Cu+Au
L - 2	303°	-45°	251.4	K15748	37.5- 52.5 (15') low values Cu+Au
L - 3	278°	-45°	252	K15748	151.2-183.7 (31.5' low values Cu+Au
L - 5	300°(M)	-45°	999.5	K15743	Assays not reported
			1,752.9 (534.4 m.)		

The logs and plans of the locations for each of these diamond drill holes is shown in APPENDIX "B" to this report (OGS file CC-1).

5.10 In 1956, Green Bay Exploration Ltd. were reported to have carried out a program of geological mapping and a self-potential survey in the area of the Dome Exploration diamond drilling program (see claims K1010303 - 6 on Figure 5) (OGS file M-1).

5.11 In 1970, the Canadian Nickel Company Limited drilled ten diamond drill holes in the area immediately to the south of the Dome Exploration drill program during the period between July 1970 - August, 1971. These holes were drilled on former claims numbered K210624-26, K210632, K262348, as shown on Figure 14. A total of 4,392 feet (1,339 m.) were drilled. The logs and location sketches for these drill holes are shown in APPENDIX "C".

5.12 A summary of the diamond drill program is as follows:

DD Hole No.	Dir'n (azm)	Dip	Depth (feet)	Claim No.	Results
42773-0	180°	-50°	193	K210626	No assays reported
42774-0	240°	-50°	187	K210624	No assays reported
42775-0	225°	-45°	197	K210624	No assays reported
42777-0	225°	-50°	200	K210624	No assays reported
42778-0	045°	-50°	200	K210624	No assays reported
48510-0	225°	-50°	705	K210625	Low values Cu+Ni No values Pt+Pd 314.3-314.8 (0.5') 3.18% Cu+trace Au
48515-0	-	-90°	704	K210624	No assays reported
48522-0	150°	-60°	609	K210632	No assays reported
48524-0	300°	-60°	590	K262348	No log available
48534-0	020°	-50°	807	K210624	417.0-418.5 (1.5') Traces Pt+Pd+Au 433.0-433.5 (0.5') Traces Pt+Pd+Au 456.0-456.5 (0.5') Traces Pt+Pd+Au Traces Cu+Ni
			4,392 feet (1,339 m.)		

N/R = Not recorded

Location sketches for DD Holes 42774-0, 42775-0, 42777-0, 42778-0, and the log for 48524-0 are not available at the OGS - Office of the Resident Geologist, Kenora, Ontario (Files F-1, F-3, F-4).

5.13 Bruneau Mines Limited carried out a regional airborne magnetometer survey which included the area of the 27-Mineral Claim Group, in 1983. The results of this survey are considered to be more or less coincident with those results shown on Figure 9 (OGS File MM-1).

5.14 During the winter of 1984, John C. Grant, Y. Collin and D. Korpella reportedly carried out a ground magnetometer survey on the south-half and the northeast corner of Isinglass Lake. The report and plan for this survey are not immediately available (OGS File AAA-1).

5.15 Atikwa Resources Inc. carried out a combined airborne magnetometer and EM survey over the northeast sector of the 27-Mineral Claim Group, in 1984 (OGS File YY-2). No new significant geophysical response was noted.

5.16 On March 28, 1985, Jens E. Hansen, P.Eng., reported on the results of an airborne combined magnetometer and EM geophysical survey over the western half of the 27-Mineral Claim Group done during December 1984 by Terraquest Limited. This survey covered a group of 35 claims held by Jens E. Hansen. Some field work was reported done in 1983-84. The results of this survey are shown on Figure 10 (OGS File HHH-1).

5.17 In September 1986, the OGS did a combined magnetometer-electromagnetic survey over the Dryden Area of Northwestern Ontario under the Canada-Ontario Mineral Development Agreement (COMDA). This survey was done by Geoterrex Limited using a GEOTEM 12-channel electromagnetic airborne system with accompanying magnetometer instrumentation. These results were published as OGS Maps 81001 and 81002 in 1987. The magnetic response was more or less coincident with the results of previous surveys as indicated on Figure 9. The electromagnetic results showed numerous strong electro-

magnetic conductor responses over the area of Isinglass Lake.

5.18 The present 27-Mineral Claim Group comprises 24 claims acquired by staking and recorded in the name of John Miles White and three contiguous claims recorded in the name of Michael S. Elson.

5.19 A program of line-cutting, geological mapping, magnetometer and VLF-electromagnetic surveying, geochemical soil sampling, trenching and rock-chip sampling were carried out during September 1988 by Caliban Resources Inc. on the 27-Mineral Claim Group. This work was performed under the direction of B. Price, M.Sc., by the personnel named in Schedule 2.

6.0 REFERENCES

6.1 The following reports and publications, both public and private, contain information pertinent to the database of this report:

6.2 (OMNR) Ontario Ministry of Natural Resources

Claim Map G-2639 (Rowan Lake)
Map 2443, Map 2472, Map 2115
MRC (Mineral Resources Circular) #02, p. 15; #12, pp. 160; #13, p. 160
MDC (Mineral Resources Circular) #15, p. 35
SMDR Documents #001535 (Roseman-Thompson Gold Showing; #000477 (H.A. Bergman Property)
MDIR (Mineral Deposit Inventory Record) #K0134
Office of the Resident Geologist, Kenora, Ontario, files Numbered Y-1 (1943); K-1, (1952); H-1 (1955); J-1 (1955); M-1 (1956); CC-1 (1956); MM-1 (1970); F-1, F-3, F-4 (1970-71); AAA-1 (1984); YY-2 (1984); HH-1 (1985)

6.3 (OGS) Ontario Geological Survey

MP #110 - The Geology of Gold in Ontario (1983) pp. 194-211, 252-272
(OFR) Open File Report #5524, pp. 55-60 (1984) #5042, pp. 3-4; #5055, pp. 8-9; #5682, p. 5
MP #053, pp. 49-53
Airborne Combined Magnetometer and Electromagnetic survey Maps #81001, 81002

Geological Report #111, pp. 5-13, 30; #199, p. 4; #202, p. 6; #222, p. 5; #223, pp. 3-5
Maps P.84, p. 387, p. 388, p. 831
NOEGTS (Northern Ontario Engineering Geology Terrain Study) #37 - Rowan Lake

6.4 (ODM) Ontario Department of Mines

Annual Report Vol. 34, Pt. 6, p. 35 (1925)
Annual Report Vol. 42, Pt. 4, pp. 90-91 (1933)
Annual Report Vol. 43, Pt. 4, p. 9, (1934)
Annual Report Vol. 47, Pt. 6, p. 8, (1942)
Pre. Rep. 1965, Pt. 2, p. 16

6.5 Ontario Ministry of Lands and Forests

Topographic Map (Rowan Lake) 52-F-SW, scale 1:100,000
Airphotos #190, 82-4915, 17-245; #191, 17-244; #192, 17-243; #193, 17-242

6.6 Geological Survey of Canada (GSC)

Map 720
Map 266A
Aeromagnetic Map 1169G
Bulletin 280, The Geochemistry of Gold and Its Deposits, pp. 90-102
GSC Vol. 3, Part F (1887)
GSC Memoir 40, p. 10 (1913)
GSC OFR 879 (Magnetometer-Gradiometer Survey (1982))

6.7 1984 - Geoscience Canada, Vol. 11, No. 4, Ore Deposit Models #8: - Volcanogenic Sulphide Deposits, pp. 195-203, J.W. Lydon

1985 - GAC: Cordilleran Section, Precambrian Gold Deposits, Short Course #6, C.J. Hodgson

1985 - Report on an Airborne Geophysical Survey on the Isinglass Lake Property dated March 28, 1985 by Jens E. Hansen, P. Eng., (OGS - Resident Geologist Office, Kenora, Ontario - File HHH-11

1986 - Proceedings of Gold '86 Symposium - Toronto, The Cameron Lake Gold Deposit, pp. 149-169, D.R. Melling, D.H. Watkinson, K.H. Paulsen, L.B. Chorlton, A.D. Hunter

1986 - SEG: Exploration Geochemistry, Vol. 3, pp. 39-70, 97-104

7.0 REGIONAL AND LOCAL GEOLOGICAL SETTING

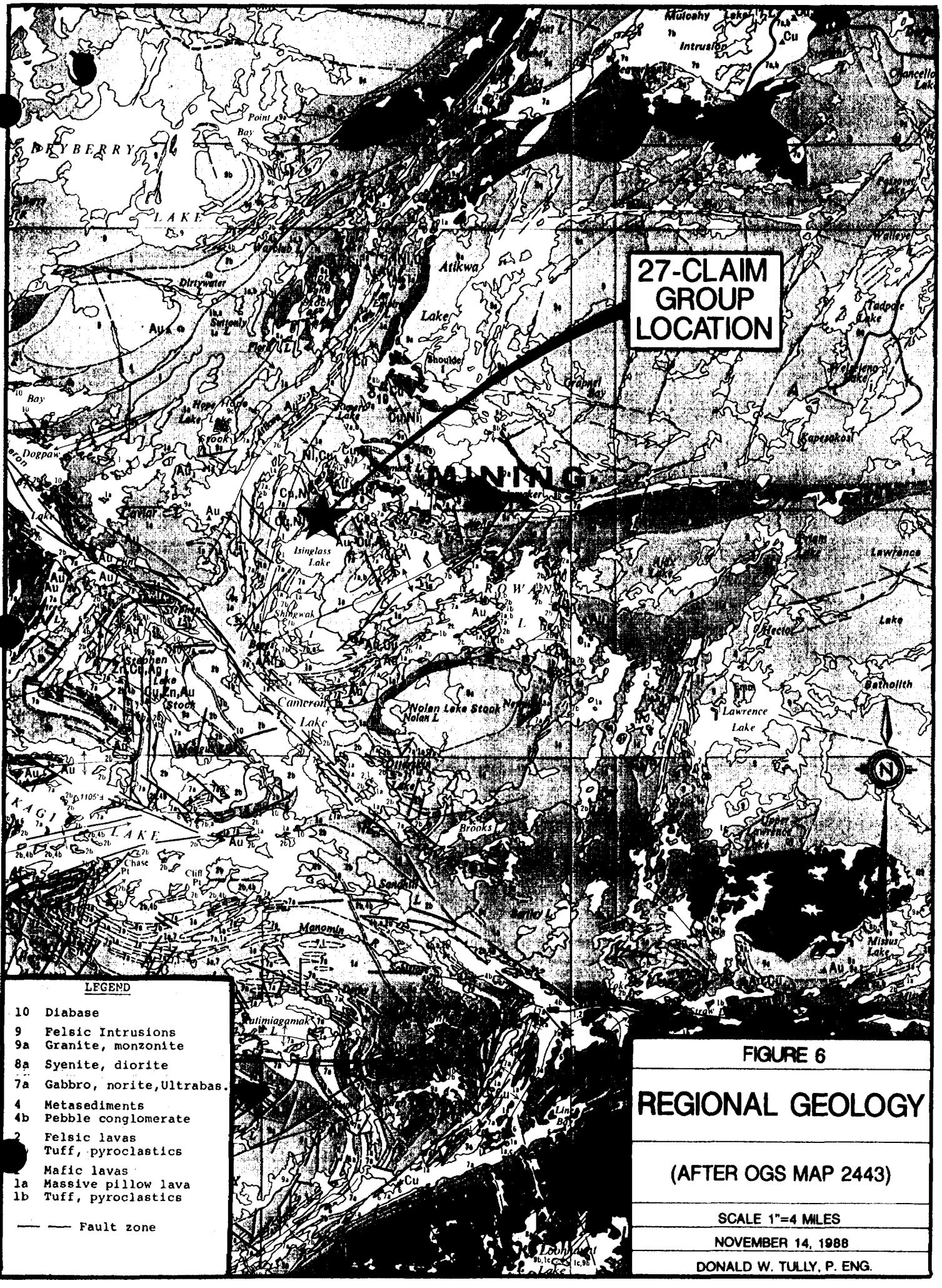
7.1 The regional geology is shown on Figures 6 and 7.

7.2 The property geology is shown on Figure 8.

7.3 Three main lithological units underlie the property map area. These rocks include granite (5a), gabbro (32 - c, g, h), and mafic volcanics (1a, b, d, e, g, k, m). These rocks are early Precambrian in age (Archean).

7.4 A tentative and simplified timetable of the occurrence of the rock units in the region of the 27-Mineral Claim Group is proposed as follows:

Formation	Description/Event	Age
Sand, gravel, clay, muskeg, peat and glacial debris	Unconsolidated	
	(Erosional unconformity)	Quaternary
Mineralization, quartz veining, Metamorphism	Gold, silver, sulphides and oxides of iron, copper and nickel, grey cherty quartz veins and silicification, sericitization, carbonatization, amphibolitization and chloritization	Early to Middle Precambrian (?)
	(Intrusive contact related to faulting, folding and associated tectonic activity)	
Intrusions	Diabase, lamprophyre, granitic rocks, feldspar porphyry and aplite dykes, with many phases of diorite and gabbro and related ultra-basic intrusives	Early to Middle Precambrian



LEGEND

10 Diabase

9 Felsic Intrusions
9a Granite, monzonite

8a Syenite, diorite

7a Gabbro, norite, Ultrabas.

4 Metasediments
4b Pebble conglomerate

2 Felsic lavas
Tuff, pyroclastics

Mafic lavas
1a Massive pillow lava
1b Tuff, pyroclastics

—— —— Fault zone

FIGURE 6

REGIONAL GEOLOGY

(AFTER OGS MAP 2443)

SCALE 1"=4 MILES

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Formation	Description/Event	Age
	(Intrusive contact related to folding, faulting and associated tectonic activity)	
Sedimentation (not in the property map area)	The "Manitou Series" of chemical and clastic sediments, arkose, quartzite and slate	Middle to Early Precambrian
	(Unconformity ?)	
Kewatin volcanics	Volcanics ranging from mafic to acidic and meta-volcanic equivalents, pyroclastics, sedimentation including iron formation	(Archean)

7.5 Regional (Figure 6)

The oldest rocks in the map-area are meta-volcanics of a mafic-felsic volcanic cycle of vulcanism. These rocks belong to the western part of the Wabigoon Subprovince. The volcanic cycle was initiated by a vast effusion of basaltic and andesitic lavas, both massive and pillowed. This portion of the volcanic pile is dominantly mafic in composition with associated pyroclastic horizons. The mafic volcanics at Isinglass and Rowan Lakes are fine to medium-grained with extensive horizons of recrystallized basalt. Metamorphism in the Rowan Lake-Isinglass Lake area is of the middle to upper rank of the greenschist facies.

7.6 Structurally, the property is situated more or less centrally between four dominant intrusive masses, the Atikwa Batholith, Flora Lake Stock, Nolan Stock and the Stephen Lake Stock. The Stephen Lake Stock is separated from the remaining three acidic masses by the Pipestone Cameron Lakes Fault Zone (PCDZ). This fault zone is a major regional structural feature and is shown also on Figure 7. This structural feature (PCDZ) is associated with numerous minor gold occurrences

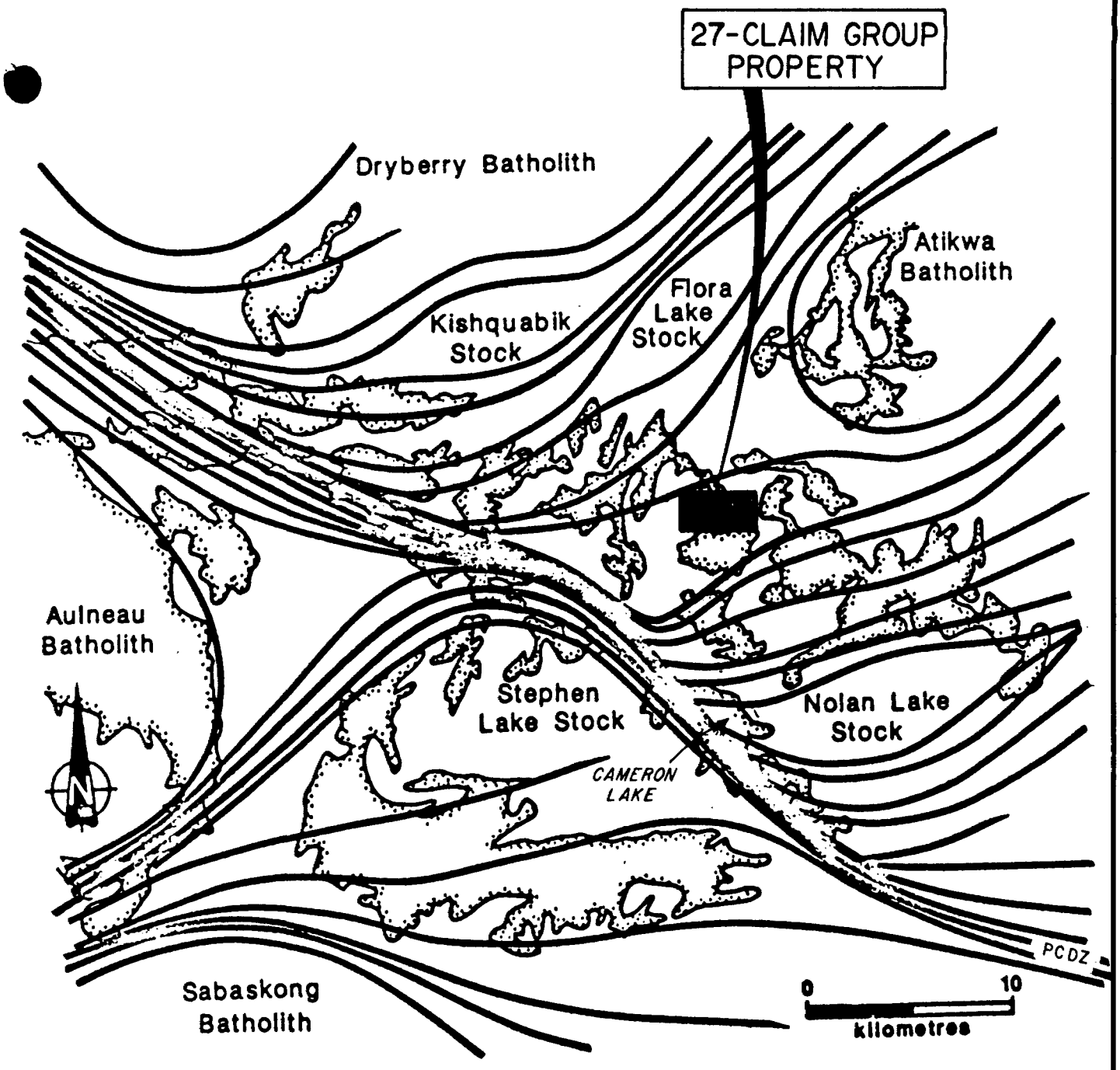


Figure 7. Foliation trajectory map for the Rowan-Kakagi Lakes Area showing rotation of the the regional foliation parallel to the PCDZ. Note that the density of trajectory lines does not reflect the intensity of strain.

Donald W. Tully

PCDZ = PIPESTONE–CAMERON LAKES DEFORMATION ZONE (See Figure 6)

FIGURE 7

FOLIATION TRAJECTORY MAP
(AFTER-OGS-OFR-5682)
SCALE AS SHOWN
NOVEMBER 14, 1988
DONALD W. TULLY, P.ENG.

in the region. In essence, it separates the geology and the structural features north of the PCDZ from those to the south.

7.7 Property (Figures 6, 8, 9)

On Figure 6, a NNE trending synclinal axis is shown traversing the west boundary area of the 27-Mineral Claim Group and indicates the property occupies the east limb of a synclinal structure. Geologists studying the Nuinsco Cameron Lake Gold Deposit have postulated an anticlinal axis trending ENE through Shingwak Lake, which lies south of Isinglass Lake. Massive and pillowed basaltic lavas outcrop in the west, northwest and east-northeast sectors of the claim group. A gabbro mass comprising several phases (3a, b, c, d, e) occupies the central portion of the property. The west contact of this gabbro mass and the host basalt trends northeasterly across the western and northern portion of the claims. Copper-nickel mineralization occurs in this contact zone where the maximum magnetic intensity appears in the large magnetic anomaly that extends (see Figure 9) over the general area beyond the property confines. The east contact of this gabbro mass also trends northeasterly across the claim area, from a point near the Roseman-Thompson Gold Showing on the north shore of Isinglass Lake, to a granitic mass which occurs immediately northeast of the property at Rowan Lake. A small mass of gabbro occurs in the northwest corner of the claim area. A northwest trending granitic intrusion has invaded the gabbro mass in the west central sector of the property in a direction more or less perpendicular to the west gabbro-basalt contact. Copper mineralization with minor amounts of gold and nickel occur in the eastern portion of the 27-Mineral Claim Group associated with NNW trending shear structure and a dark ultrabasic phase of the gabbro.

7.8 Strikes of the schistosity vary between 310° and 330° with steep dips both north and south in the southeast corner of the 27-Mineral Claim Group. In the south central sector of the claim area at the Roseman-Thompson Gold Showing the schistosity strikes vary between 285° and 330° with steep south dips. In the western part of the property in the area of line LO-5+100S, the planar and lineal elements of structure trend northwesterly and also north-northeasterly, with more or less vertical dips. These strikes correlate with the pattern of foliation shown on Figure 7 excepting the north-northwest trend of shearing in the southeast sector of the property indicated on Figures 8 and 18.

7.9 OGS Map P.831 shows glacial striae trending southwesterly between 200° and 220°. Glacial striae were not observed in the claim area.

8.0 MINERALIZATION - ASSAYS

8.1 Regional

Structural control is a feature of the localization of gold deposits in the Kakagi-Populus-Atikwa-Rowan-Cameron Lakes Area. Multi-stage quartz veining and quartz stockworks have been injected along sheared and fractured zones accompanied by an envelope of alteration. The alteration is characterized by chloritization and the introduction of carbonate, sericite and pyrite.

8.2 The Cameron Lake gold deposit (Nuinsco-Noranda-Beggs Lake #208 - Figure 3) is an epigenetic, structurally-controlled vein deposit occurring in the northwest trending Cameron Lake Shear Zone. The deposit occurs within a mixed succession of tholeiitic flows and calc-alkaline pyroclastics according to a recent paper by Melling, Watkinson, Poulsen, Chorlton and Hunter. Hydrothermal alteration in the wallrocks grade from, intense quartz-albite-ankerite-sericite-siderite-pyrite-rutile alteration associated with the gold deposit, to a quartz-albite-chlorite-calcite-

ankerite epidote actinolite-magnetite alteration in the outer reaches of the zone of accompanying metamorphism. The best gold values are said to be associated with pyritic, quartz-albite breccia veins.

8.3 The Maybrun Mine gold deposit (#177 - Figure 3) is a copper-gold occurrence in sheared and fractured basic volcanics. The mineralization is pyrrhotite, chalcopyrite, pyrite in an environment of quartz-carbonate veining with attendant silicification in the wallrocks.

8.4 The Kenbridge Nickel deposit (see A - Figure 3) occurs in a breccia pipe composed of fragments of andesite, feldspar porphyry, diorite and norite with attendant silicification and carbonatization between two vertical fault zones. The mineralization is pyrrhotite, chalcopyrite and pyrite.

8.5 The Falconbridge Nickel deposit at the south end of Populus Lake (see B - Figure 3) is hosted in a shear zone breccia located at the contact between gabbro and mafic volcanics.

8.6 Base metal deposits also appear to be structurally controlled along gabbro-basalt contact zones accompanied by an alteration halo of chloritization and iron-rich carbonatization in the environment of basic volcanic and ultrabasic intrusive masses.

8.7 Properties (Figures 8, 9, 10)

An airphoto study of the tectonics and the interpretation of an airborne magnetic and VLF-electromagnetic survey done by Terraquest Ltd. in December 1984 and reported on by Jens E. Hansen, P.Eng., is shown on Figure 10. This study indicates a series of northwest trending postulated fault zones and four VLF-electromagnetic conductor axes in the area surveyed.

8.8 A prominent northeast-trending aeromagnetic anomaly (940 gamma total intensity) is shown overlying the property area on Figure 9. The peak of greatest magnetic intensity occurs in the west central sector of the claim group on a gabbro-basalt contact. A study of the general property geology on Figure 8 indicates the bedrock consists of several phases of gabbro and basaltic lava. The trend of the massive and pillowed basaltic lavas (1a, b) and the gabbro (3a, b, c) is also northeasterly. Copper-nickel mineralization has been found on the claim area on the west flank and also in an embayment on the east flank of this aeromagnetic anomaly.

8.9 Geoterrex Limited carried out a combined airborne electromagnetic and magnetometer airborne survey over the Isinglass Lake area as part of a regional program. The results of this work indicated several strong electromagnetic responses over Isinglass Lake immediately south of the 27-Mineral Claim Group. One of these EM responses occurred near the northwest shoreline of this lake in the area of the diamond drilling done by Canadian Nickel Company in 1970.

8.10 Two gold and three base metal occurrences are known on the 27-Mineral Claim Group property.

8.11 Gold (Figures 5, 11, 12, 13)

The Roseman-Thompson Gold Showing is located at the north shore of Isinglass Lake on claim K1084913. This quartz vein structure has been developed locally by nine trenchings along a strike length of ±50 metres. It is not exposed on either extremity. The vein zone appears to be discontinuous. It consists of lenses of cherty to grey quartz. The quartz veining is parallel to sub-parallel to the enclosing schistosity. One vein of quartz carrying fine hematite occurs in the central sector of the previously trenched zone. This zone trends between 110° - 160° in an arcuate form with dips steeply to the south. The ruins of a former 5-stamp mill are in evidence. One-two tons of quartz are present in a dump at the stamp millsite. The wall-rock is an altered basaltic rock or fine-grained gabbro, sheared, epidotized, chloritized and has, in spots, a bleached appearance probably due to the introduction of an iron carbonate (ankerite) and sericite. Considerable magnetic influence was noted in this area. Four chip samples were taken by the writer at this site and the results are plotted on Figure 12. Good gold values were encountered in two samples, which are discussed under ASSAYS (8.25 through 8.29) below.

8.12 A large grey quartz vein structure is located ±750 metres east of the Roseman-Thompson Gold Showing and about 100 m. north of Isinglass Lake on claim K1010320 (see Figures 8, 17). This structure strikes ±330° and dips steeply south. The host rock is a chloritized and bleached andesite that is schistose to the trend of the quartz vein structure. Sparse chalcopyrite and pyrite occur in small scattered patches and is discussed under ASSAYS (8.16) below.

8.13 Copper-Nickel (Figures 14 thru 18)

The host rocks for the pyrrhotite, chalcopyrite and pyrite mineralization in the southeast sector of the

27-Mineral Claim Group are dark basaltic ultrabasic-like rocks. Copper is the major mineral with subordinate amounts of nickel and gold present. On Figure 15, Trench I, the dark ultrabasic-like sulphide-bearing host rock intrudes an andesite and andesite breccia. The sulphides occur in a similar host rock type in Trenches 2, 3, 4 and 5. The Selco Exploration diamond drill holes occur to the north of the above-mentioned trenches. The Selco diamond drill logs indicate the host rock for the sulphides was mainly an andesite porphyry. These rocks may well be the porphyry host rocks for the copper mineralization mentioned by Dr. G. G. Suffel in his report for Noranda Mines (see REFERENCES 5.5).

8.14 In the west-southwest sector of the property, the sulphide mineralization is poorly exposed on surface. Sulphides occurring near L0-500S (Figure 18) occur in an amphibolitic phase of the gabbroic groups of rocks. The writer's sample #D0115 was taken from this location. The diamond drill hole logs, from the programs conducted by Dome Exploration and Canadian Nickel, classify the host rock for the sulphide mineralization, pyrrhotite, chalcopyrite, pyrite and pentlandite, as norite. L. Kaye mapped and compiled Map P.831 - Rowan Lake Area (1972) and classified the sulphide-bearing rocks at this location as metabasalt, metagabbro and metapyroxenite. J.E. Hansen, P.Eng., has recommended analyses for gold of the rocks in the vicinity of the Dome Exploration diamond drill hole program. Traces of platinum and palladium were noted in hole 48534 drilled by Canadian Nickel. (See REFERENCES 5.12, 6.3 and 6.7).

8.15 Assays

The writer took eleven rock samples and five soil samples during the property examination, which are described as follows:

Sample #D0101 (Figure 15)

This rock chip sample was chipped from the southeast face of Trench #1 in the northwest sector of claim K1010325 on 1988 grid line 600N - 80W. The sample weighed

4.3 kg. The trench was apparently dug many years ago and measures ±4 m. x ±2 m. x ±1 m. Some 10 - 15% sulphides, namely pyrrhotite, chalcopyrite with sparse pyrite mineralization occur both as disseminations and as blebs and aggregates in a dark ultrabasic-like rock hosted in an andesite breccia carrying cherty fragments. The exposed contact of the ultrabasic-like rock and the andesite breccia at the north side of the trench suggests an intrusive relationship. The highly fractured mineralized host rock strikes ±320° and dips to the SW at ±60°. It is chloritized and carries spots of iron carbonate (ankerite). Across a true width of 3 metres this sample assayed:

Copper - 2.74 %
Nickel - 0.005%
Gold - 0.029 opt
Silver - 0.30 opt

An ICP analysis indicated above-average amounts of calcium, titanium, chromium and cobalt are present.

8.16 Sample #D0102 (Figures 16, 17)

This soil sample was taken from the "B" soil horizon some ten metres east and upslope of Trench #1. The analysis showed:

Gold - 0.006 opt
Silver - 0.005 opt

The ICP analysis showed an above average amount of copper and barium are present in the soil.

8.17 Sample #D0103) (Figures 16, 17)

This selected rock sample weighing 1.6 kg. was taken from a rock dump beside caved Trench #2. This rock is similar in most respects to the mineralized dark basaltic host rock sampled in Trench #1. The sulphide content was estimated to be ±5% pyrrhotite, chalcopyrite with minor pyrite. The assays showed:

Copper	-	0.67 %
Nickel	-	0.004%
Gold	-	0.026 opt
Silver	-	0.20 opt

The ICP analysis showed above average amounts of phosphorus, calcium and cobalt are present in this sample.

8.18 Sample #D0104 (Figures 16, 17)

A soil sample was taken from the "B" soil horizon some ten metres upslope from Trench #2. The assays showed:

Gold	-	0.002 opt
Silver	-	0.06 opt

The ICP analysis showed above average amounts of barium and copper are present in the soil at this point.

8.19 Sample # D0105 (Figures 16, 17)

A rock sample was selected from a small dump beside caved Trench #5. This sample weighed 1.2 kg. This caved trench measured ±1.5 m. x ±0.5 m. The host rock of the sulphide mineralization was similar in most respects to the fine-grained dark ultrabasic-like rock noted in Trench #1. More iron carbonate (ankerite) was evident in this sample, which analyzed as follows:

Copper	-	0.53 %
Nickel	-	0.005%
Gold	-	0.002 opt
Silver	-	0.12 opt

The ICP analysis shows above average amounts of calcium, chromium and cobalt are present.

Overburden is estimated to be ±0.7 m. in depth in the area of Trench #5.

8.20 Sample #D0106 (Figures 16, 17)

This soil sample was taken about five metres upslope from Trench #5 from the "B" soil horizon. The assays showed:

Gold	-	0.008 opt
Silver	-	0.30 opt

The ICP analysis indicates above average amounts of barium are present.

8.21 Sample #D0107 (Figures 16, 17)

A rock sample was selected from a rock dump beside caved Trench #3 weighing 2.3 kg. The dimensions of this trench are ±0.7 m. x ±0.5 m. The host rock is a fine-grained andesite for the sulphide mineralization. The total amount of pyrrhotite, chalcopyrite including minor pyrite present was estimated at 10-15%. The assays showed:

Copper	-	2.55 %
Nickel	-	0.003%
Gold	-	0.034 opt
Silver	-	0.38 opt

The ICP analysis shows above average amounts of calcium and phosphorus are present.

Overburden is estimated to be ±0.5 m. deep in the area of Trench #3.

8.22 Sample #D0108 (Figures 16, 17)

A soil sample was taken from the "B" soil horizon some seven metres upslope from the dump at Trench #3. The assays showed:

Gold	-	0.002 opt
Silver	-	0.10 opt

The ICP analysis indicates an above average content of barium in the soil.

8.23 Sample #D0109 (Figures 16, 17)

A quartz vein structure ±3 metres in width, trending ±330° and dipping steeply to the south is exposed on a low knoll near the west boundary of claim K1010320 and some 100 metres north of the shore of Isinglass Lake on the 1988 "B" grid line 300N, 3+00W. The white to grey bullish quartz vein zone shows evidence of previous shallow trenching over a strike length of ±20 m. excavated apparently many years ago. Chalcopyrite and pyrite are present in scattered grains and fine aggregates in scattered small patches over the poorly exposed vein surface. The analysis of a chip sample over a 20 cm patch of sparse sulphide mineralization weighed 0.6 kg and assayed as follows:

Gold	-	0.008 opt
Silver	-	0.22 opt

The ICP analysis showed greater than average amounts of calcium, barium, copper and chromium are present.

The overburden is shallow (15-30 cm) in the immediate area of the quartz vein structure.

8.24 Sample #D0110 (Figures 16, 17)

A soil sample was taken in the vicinity of the quartz vein structure from the "B" soil horizon. The assays showed:

Gold	-	0.002 opt
Silver	-	0.008 opt

The ICP analysis shows a greater than average content of barium, phosphorus and titanium in this sample.

8.25 Sample #D0111 (Figures 8, 11 thru 13)

This is the Roseman-Thompson Gold Showing. A chip sample was taken across 15 cm of a pinkish-grey, hematite-bearing cherty quartz vein in a shallow test-pit designated Trench "D" on claim K1084913. At the sample point, the vein structure strikes $\pm 130^{\circ}$ and dips $\pm 75^{\circ}$S towards a larger test-pit to the northwest. This vein and the enclosing andesite host rock are sheared and fractured. The andesitic host rock is somewhat chloritized and bleached. Limonite is present in the shear-fractures. The chip sample weighed 0.8 kg and assayed:

Gold	-	0.521 opt
Silver	-	0.50 opt

The ICP analysis indicates a greater than average content of magnesium and chromium.

8.26 Sample #D0112 (Figure 12)

A chip sample weighing 5.2 kg was taken in a test-pit designated Trench "E" across a T.W. 65 cm of sheared dark cherty quartz veins and andesitic wallrock. Limonite is present in modest quantities in the fractured vein and wallrock. The andesitic wallrock is chloritized and bleached in appearance. Sparse grains of pyrite were noted in the cherty quartz. The trend of the structure is $\pm 150^{\circ}$ and the dip $\pm 70^{\circ}$S. The analysis of this sample showed:

Gold	-	0.002 opt
Silver	-	0.05 opt

The ICP shows a greater than average content of barium and magnesium.

8.27 Sample #D0113 (Figure 12)

A chip sample weighing 7.4 kg was taken from the test-pit wall of Trench "E" immediately to the south of sample #D0112 across a T.W. 120 cm. The sample consisted of highly fractured grey quartz veining, andesitic wall-rock and abundant limonite in fractures. The assays showed:

Gold	-	0.06 opt
Silver	-	0.26 opt

The ICP indicates a greater than average content of barium and magnesium in this sample.

8.28 Sample #D0114 (Figure 12)

A chip sample was taken weighing 6.4 kg from the south wall of Trench "E" immediately adjoining sample #D0113 across a T.W. 75 cm. This sample, highly fractured, consisted of hematite-bearing, pinkish-grey quartz with cherty quartz and limonite-filled fractures. The assays show:

Gold	-	0.804 opt
Silver	-	0.56 opt

The ICP analysis shows greater than average amounts of calcium, magnesium, barium and phosphorus are present.

8.29 Sample #D0115 (Figure 18)

This grab sample weighing 2.6 kg was taken from a rock dump containing ±10% pyrrhotite, chalcopyrite and pyrite in a dark ultrabasic-like host rock on claim K1010303 in the area of the Dome Exploration program of diamond drilling. The assays showed:

Copper	-	0.61%
Nickel	-	0.13%
Gold	-	0.008 opt
Silver	-	0.23 opt

The ICP analysis shows greater than average amounts of magnesium, barium and chromium are present.

8.30 Sample #D0116 (Figure 18)

Remnants of drill core (EXT size) mineralized with less than 5% pyrrhotite, pyrite and sparse chalcopyrite were collected from a drill core storage area in ruins on claim K1010306. The host rock is andesite. The assays showed:

Copper	-	0.02%
Nickel	-	0.007%
Gold	-	0.002 opt
Silver	-	0.010 opt

The ICP analysis indicates greater than average amounts of barium are present.

8.31 A description of rock samples #BPI 6 thru 30, 32, 33 by B. Price, M.Sc., is shown in Schedule 3.

9.0 RESULTS OF THE 1988 PROGRAM OF MINERAL EXPLORATION

9.1 Seven persons were employed on the Isinglass Lake Project during the period September 1 through October 5, 1988 according to company information as indicated in Schedule 2 to this report. The total expenditure was reported to be $68,500 subject to audit.

9.2 Mobilization, service and demobilization access to the property was by fixed-wing aircraft of Kenora Air Services from Kenora, Ontario.

9.3 The results of the 1988 program are shown on Figures 13, 16, 17, 18 and 19 by B. Price, M.Sc., who supervised the project. The program of mineral exploration included line-cutting, geochemical soil sampling, geophysical surveying, geological mapping and hand-trenching as follows:

SCHEDULE 3

ROCK AND SOIL SAMPLES
CALIBAN ISINGLASS LAKE PROJECT
KENORA ONTARIO

SAMPLE	TYPE	LOCATION OF SAMPLE	WIDTH	DESCRIPTION
BPI 6	GRAB	10 m W. of L26E/400N	0.00	Patches po and cp
BPI 5	Grab	10 m W. of L26E/400N	0.00	patches po and cp
BPI 7	Grab	L26E/460N	0.00	Bleached basalt w po
BPI 8	Grab	L26/475N	0.00	Float w po, cp.
BPI 9	Select	Trench 1 Dump	0.00	massive cp, py,po
BPI 10	Select	Trench 1 Copper Area	0.00	Massive cp, py, po.
BPI 11	Select	Trench1, Copper area.	0.00	Massive cp, py, po.
BPI 12	Select	Trench 2, Copper area	0.00	Patches po, cp. in basalt
BPI 13	Select	Trench 3, Copper area	0.00	Patches cp, po.
BPI 14	Grab	Trench 4, 15m N of TR 3	0.00	fracture cp, blk basalt
BPI 15	Select	Trench 5, 25m N L850/350W	0.00	Blebs po, cp, blk basalt
BPI 16	Select	Trench 5, Copper area	0.00	Massive cp, po.
BPI 17	Grab	5m W of L26E/475N.	0.00	Rusty altered volcs
BPI 18	Select	Ln 00/495 N.	0.00	Cu-Ni Min in Amphibolite
BPI 19	Soil	Main Pit Au showing	0.00	4 samples on N,W pit wall
BPI 20	Soil	As Above	0.00	
BPI 21	Soil	As Above	0.00	
BPI 22	Soil	As Above	0.00	
BPI 23	Chip	Au Trench A	1.00	pyritic,chl basalt
BPI 24	Select	Au Trench A	0.00	Quartz rubble in Trench
BPI 25	Chip	Au Trench D	1.00	Silic,Hem,Epid Volcs+Qtz.
BPI 26	Select	Au Trench E	0.00	Qtz rubble in Trench
BPI 27	Select	Au Trench F	0.00	Quartz rubble in Trench
BPI 28	Select	Au showing Trench H	0.00	Quartz rubble in Trench
BPI 29	Select	Au showing Trench H	0.00	Quartz Pile at bottom
BPI 30	Select	Au showing Millsite	0.00	Grab of Quartz from dump
BPI 32	Select	Quartz-Copper vein L3W	0.00	Higher Grd Cu in Quartz
BPI 33	Grab	Quartz/Copper Vein L 300N	0.00	Random Qtz from Dump

1988 WORK PROGRAM PERSONNEL

SCHEDULE 2

Names	Addresses	Period Worked	May-days
Barry Price, M.Sc.	2505 West 1st Ave. Vancouver, B.C. V6K 2N0	Sept. 16, thru Oct. 5, 1988	20
David Pugh	#307-6450 E. Blvd. Vancouver, B.C. V6M 3V9	Sept. 1, thru Sept. 30, 1988 inclusive	30
Jon Bergvinson	24977-72nd Ave. R.R. #3 Aldergrove, B.C. V0X I40	Sept. 16, thru Sept. 30, 1988 inclusive	15
Mona Ryan	#75 Hudson Bay Trailer Court Smithers, B.C. V0T 2N0	Sept. 6, thru Sept. 20, 1988 inclusive	15
Miles Watte	6681-256th Street Aldergrove, B.C. V0X I40	Sept. 6, thru Sept. 17, 1988 inclusive	12
Mike Elson	#65-1058 Nelson St. Vancouver, B.C. V6E 1H9	Sept. 1, thru Oct. 3, 1988 inclusive	32
D.W. Tully, P.Eng.	#1205-555-13th St. West Vancouver, B.C. V7T 2N8	Sept. 27, 1988	1
		TOTAL MAN-DAYS =	125

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

Line-cutting	-	24.9 km
Soil sampling	-	914 soil samples
Rock sampling	-	54 (43+11) samples
Geophysical surveying	-	9.72 km
Hand-trenching	-	12 trenches

9.4 Line-cutting was carried out over the "A", "B" and the Roseman-Thompson Grids. The "A" Grid is shown on Figure 18. A total of 22.5 km of line was cut and marked along azimuth 030° and 210° at 100-metre intervals from a baseline established on azimuth 120°. A detail grid at 50-metre line intervals was marked at the south end of the control of Line 16E over the Roseman-Thompson Gold Showing as shown on Figure 13. The "B" Grid was controlled by Line 21E from the eastern extremity of the "A" Grid Baseline as shown on Figure 16. Control lines at 50-metre intervals were established over the "B" grid and soil samples collected at 10-metre intervals. 2.4 km of line were cut and marked.

9.5 Soil samples were taken in most instances from the "B" soil horizon at 25-metre interval stations marked along the control lines. On the "A" Grid these same stations were used for geophysical instrument observations. Swamp and muskeg prevented soil sampling at some locations. 914 soil samples and 43 rock samples were stored in standard kraft soil sample bags and analyzed by the ICP method at Acme Analytical Laboratories, 852 East Hastings Street, Vancouver, British Columbia V6A 1R6. The results of the analyses of 919 soil samples and 54 rock samples are shown in the assay certificates in APPENDIX "D" to this report and plotted on Figures 13, 16, 17 and 18. Histograms of the analyses of 914 soil samples for gold, silver, copper and nickel showed:

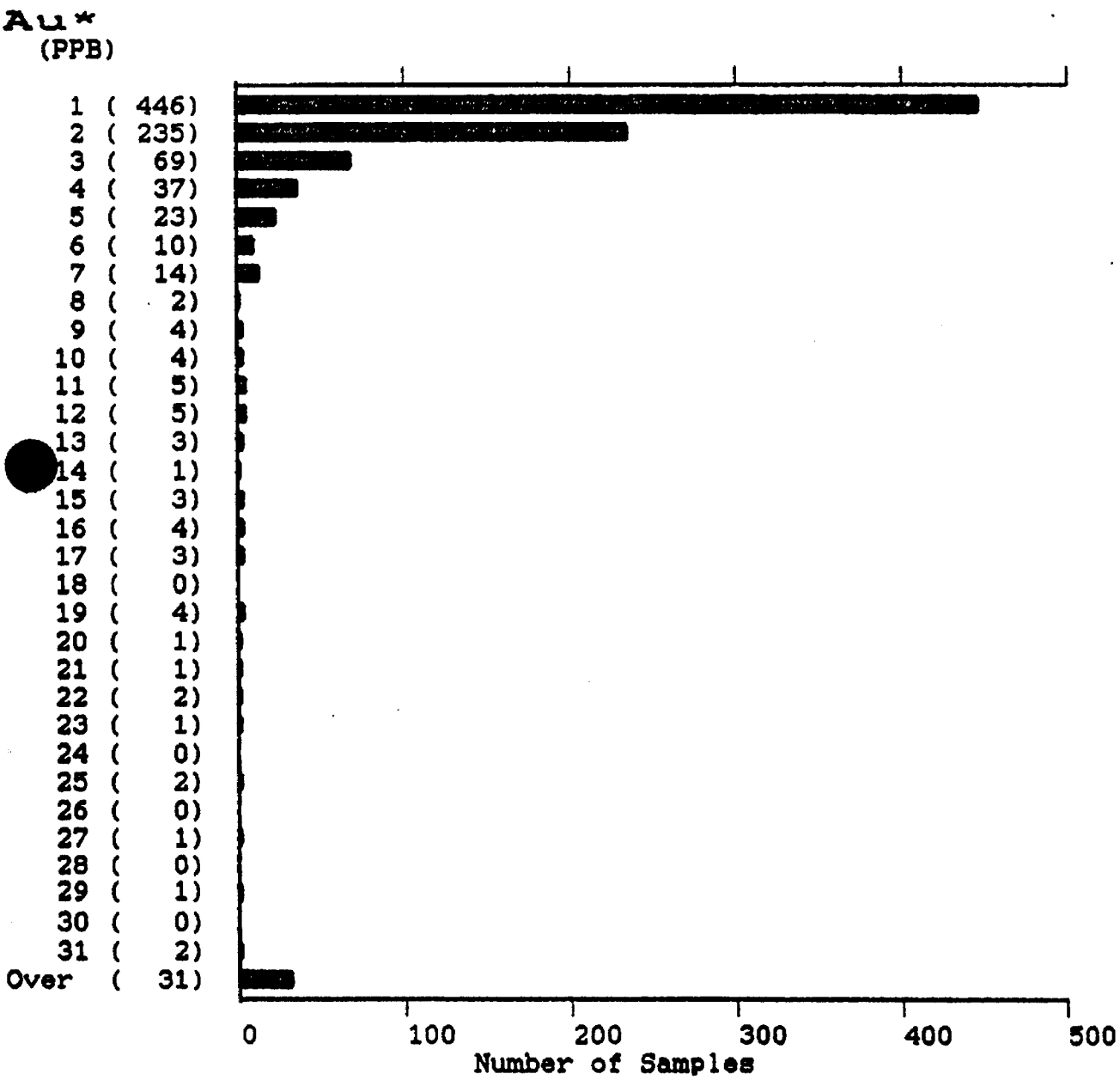
Gold (Figures 20, 20a)

Maximum value	-	2,040 parts per billion
Minimum value	-	1 " " "
Mean value	-	9 " " "
Median Value	-	1 " " "
Standard deviation	-	77 " " "

Values in gold are bimodal in occurrence and 14

FIGURE 20

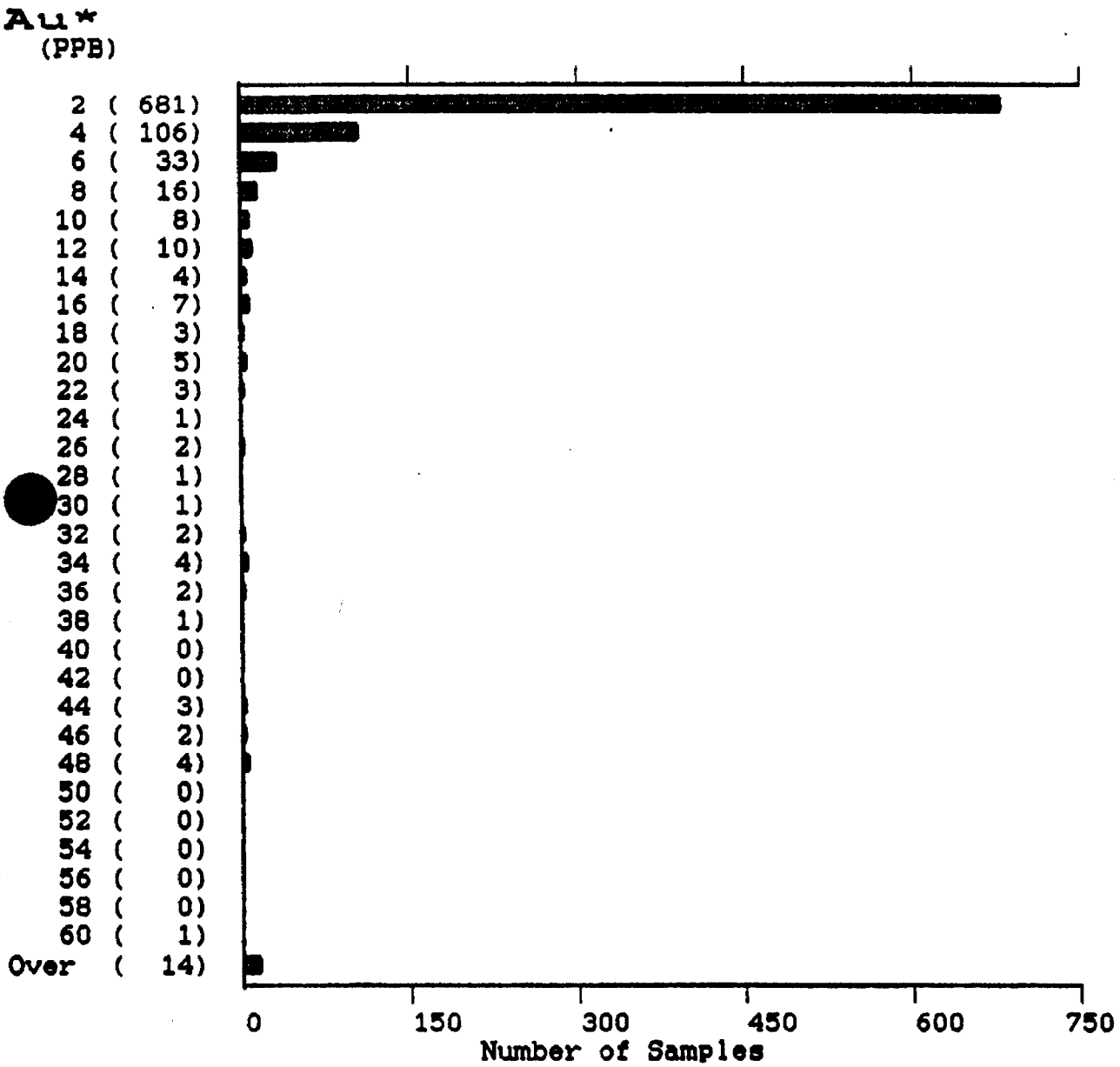
CALIBAN RESOURCES (88-5210)



914 Samples	Maximum:	2040	Mean: 9
	Minimum:	1	Median: 2
			Standard Deviation: 77

FIGURE 20a

CALIBAN RESOURCES (88-5210)



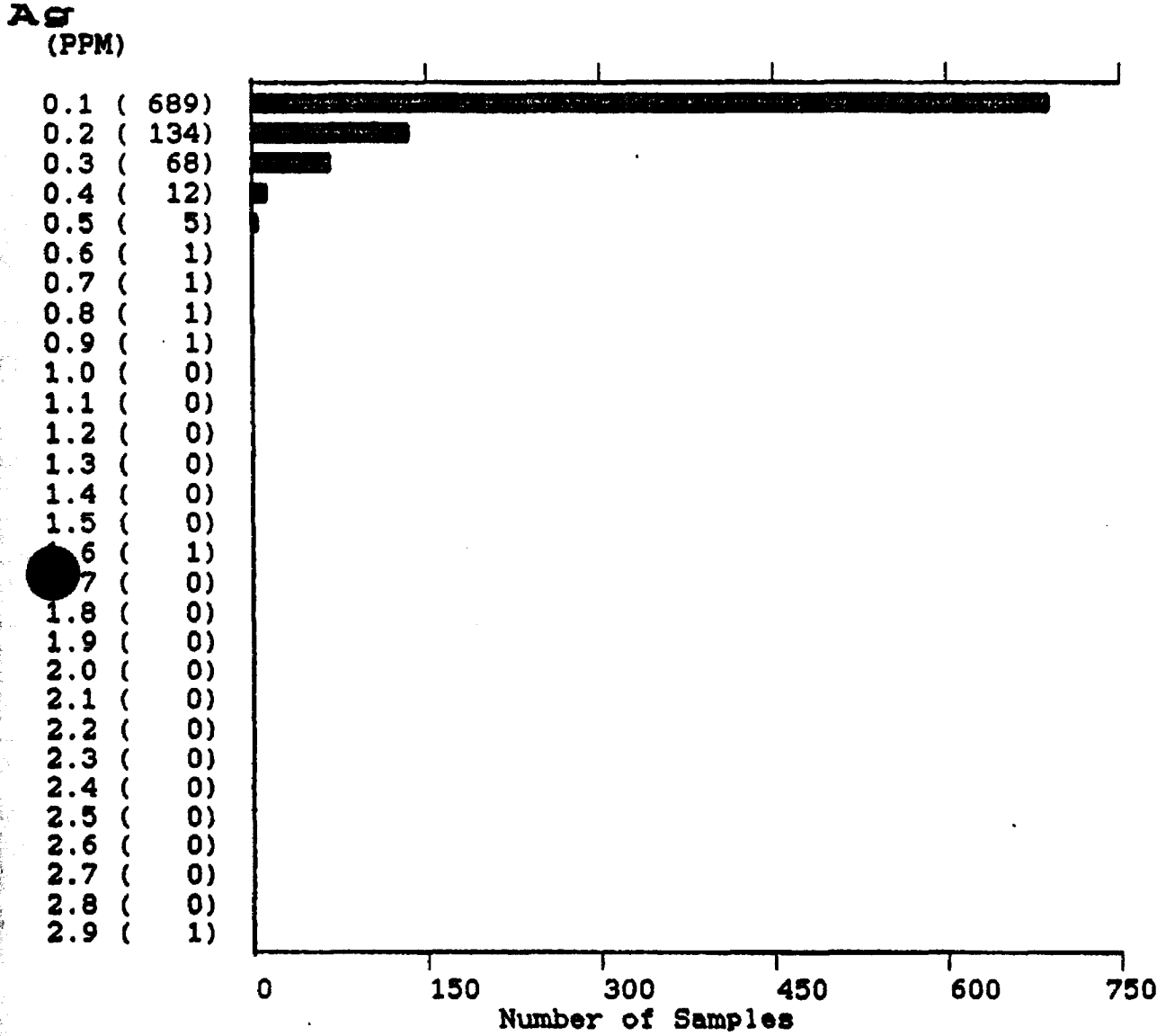
914 Samples

Maximum: 2040
Minimum: 1

Mean: 9
Median: 2
Standard Deviation: 77

FIGURE 21

CALIBAN RESOURCES (88-5210)



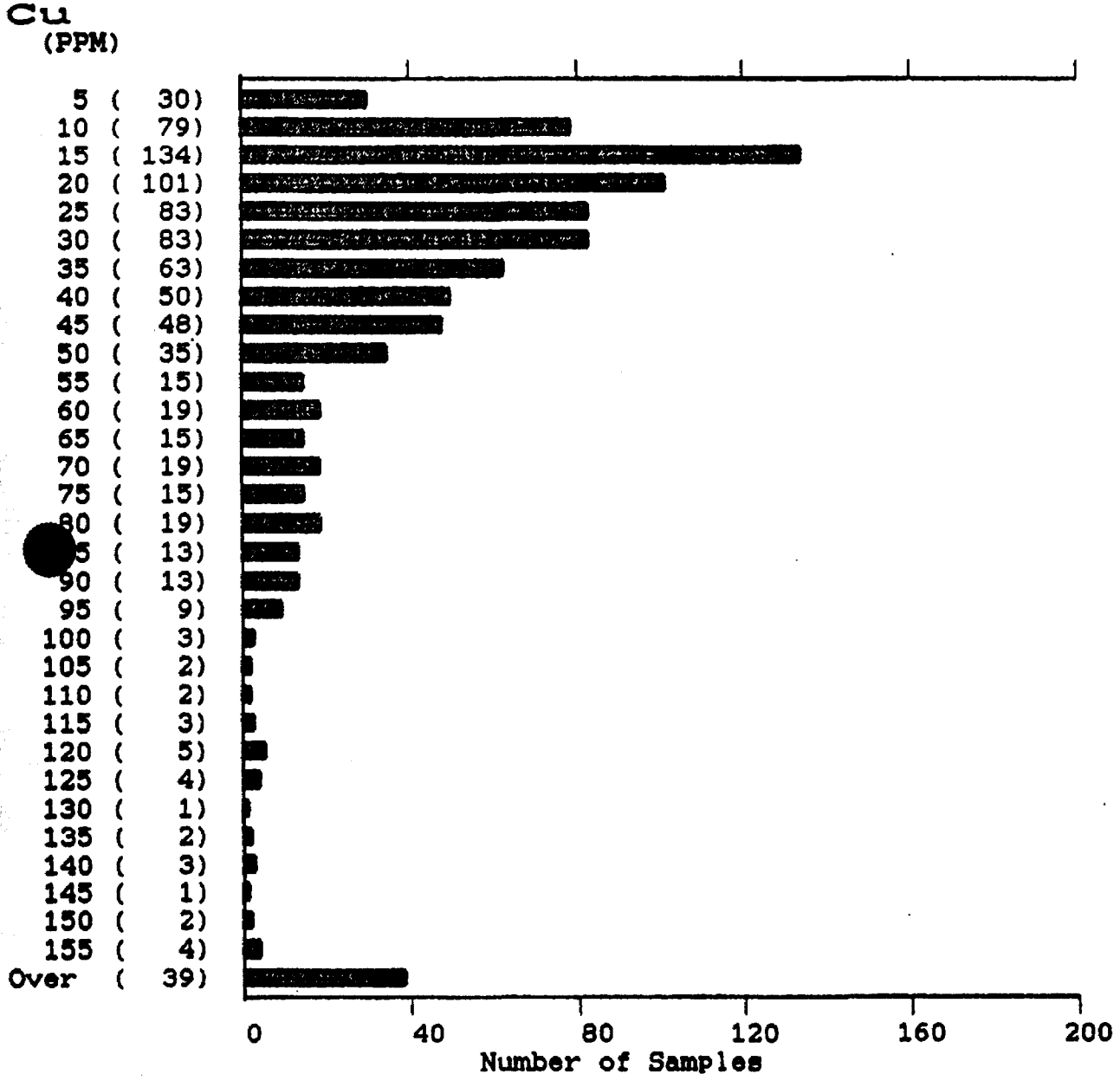
914 Samples

Maximum: 2.9
Minimum: 0.1

Mean: 0.1
Median: 0.1
Standard Deviation: 0.1

FIGURE 22

CALIBAN RESOURCES (88-5210)



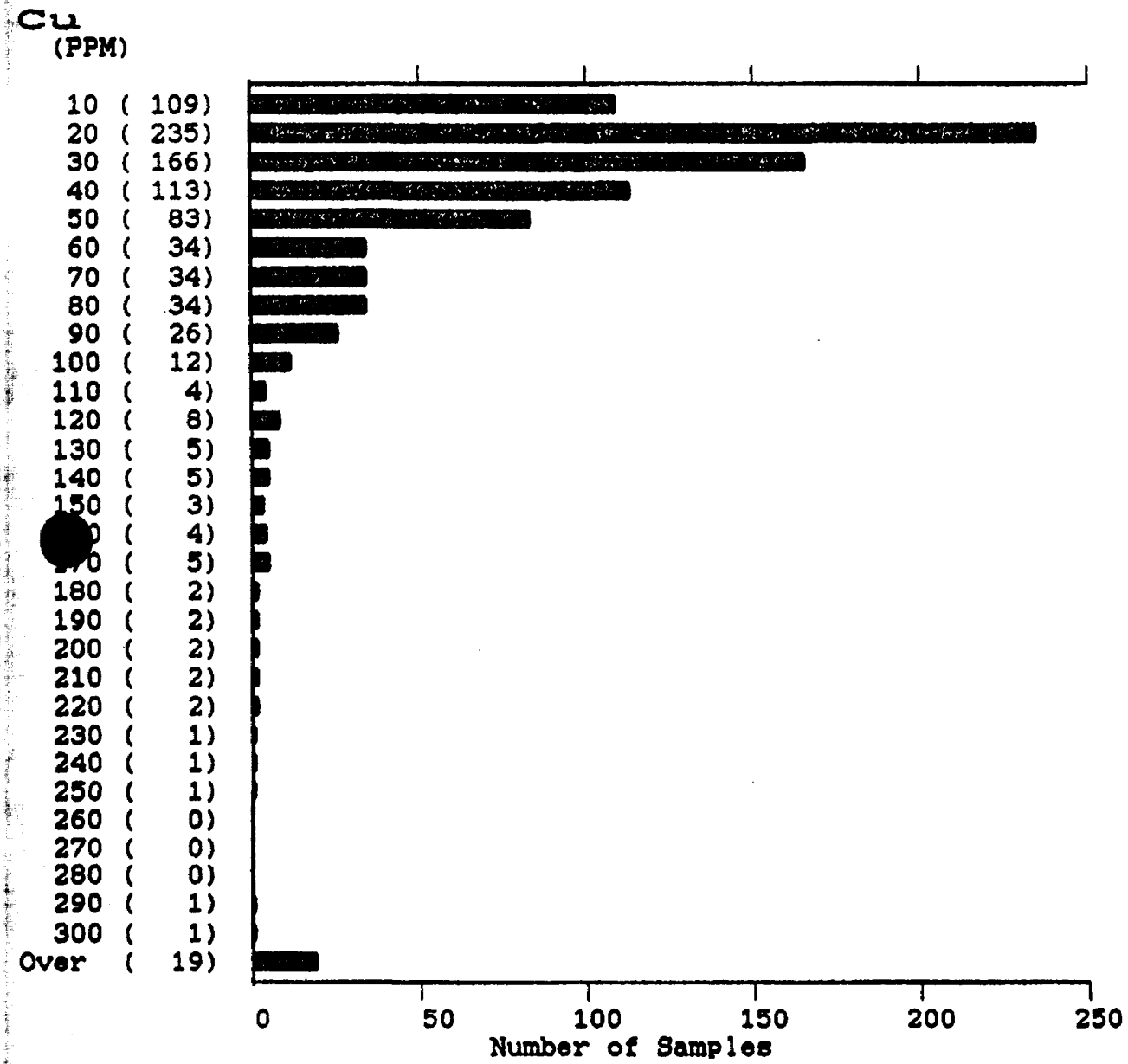
914 Samples

Maximum: 3359
Minimum: 2

Mean: 51
Median: 27
Standard Deviation: 153

FIGURE 22a

CALIBAN RESOURCES (88-5210)



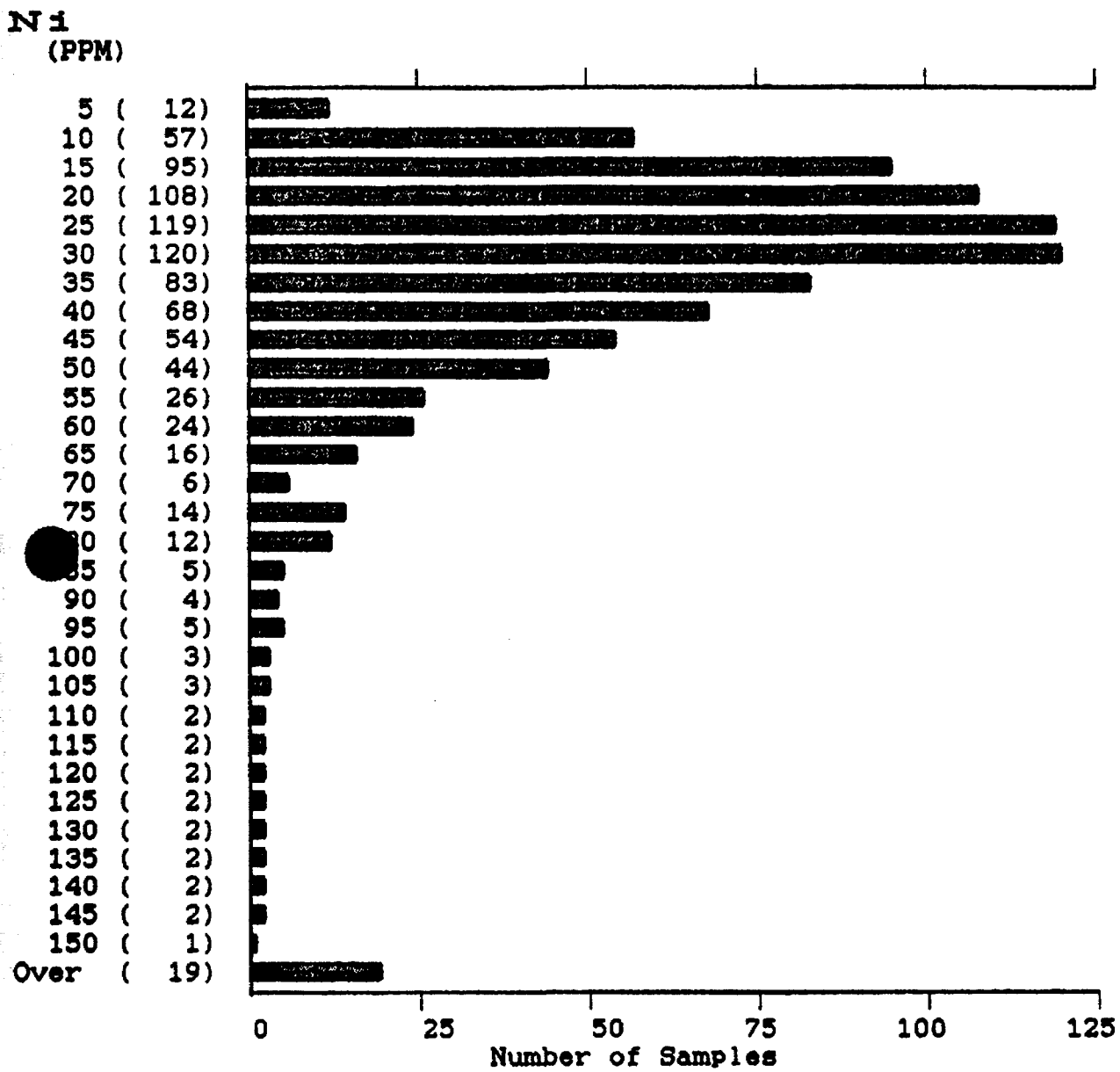
914 Samples

Maximum: 3359
Minimum: 2

Mean: 51
Median: 27
Standard Deviation: 153

FIGURE 23

CALIBAN RESOURCES (88-5210)



914 Samples

Maximum: 806
Minimum: 1

Mean: 40
Median: 29
Standard Deviation: 61

values greater than 31 parts per billion in gold are considered to be anomalous.

Silver (Figure 21)

Maximum value	-	2.9	parts per million
Minimum value	-	0.1	" " "
Mean value	-	0.1	" " "
Median value	-	0.1	" " "
Standard deviation	-	0.1	

Values in silver are relatively low. Only two values greater than 0.9 parts per million in silver were obtained and are considered to be anomalous. The better values in silver occur with higher values in gold.

Copper (Figures 22, 22a)

Maximum value	-	3,359	parts per million
Minimum value	-	2	" " "
Mean value	-	51	" " "
Median value	-	27	" " "
Standard deviation	-	153	

Copper values are bimodal and probably multi-modal in occurrence. 39 values above 155 parts per million in copper are considered to be anomalous.

Nickel (Figure 23)

Maximum value	-	906	parts per million
Minimum value	-	1	" " "
Mean value	-	40	" " "
Median value	-	29	" " "
Standard deviation	-	61	

The nickel analyses indicate this metal is bimodal in occurrence. 19 values greater than 150 parts per million in nickel are considered to be anomalous.

9.6 A study of the remaining results of the ICP analysis of 914 soil samples indicates the geologic environment over the sample area of the 27-Mineral Claim Group is relatively lean in lead and zinc. Greater than average amounts of cobalt (8 x 5) were noted in soil samples in association with higher values in nickel on the "A" Grid. Arsenic values greater than average (2 x 18) were noted in nine rock samples, mostly in the "B" Grid area.

9.7 The analyses of gold and copper have been plotted on Figures 13, 16, 17, 18. Fifty single-point anomalous values in gold(31 ppb) and copper (110 ppm), that are recommended for more detailed soil sampling, are enumerated as follows:

Grid "A"	Location	Remarks
	Line L0 - 3+00S) 3+25S)	Anomalous indications for gold and copper
	- 4+25S) 4+50S)	Anomalous indication for gold
	- 4+75S	Anomalous indication for copper in association with VLF-EM conductor designated A - A'
	L1E - 1+75N	Anomalous indication for gold
	- 2+25N	Anomalous indication for gold
	- 2+75N	Anomalous indication for gold
	L1E - 5+25S	Anomalous indication for copper in association with VLF-EM conductor designated A - A'
	L2E - 5+00S	Anomalous indication for copper in association with VLF-EM conductor designated B - B'
	L3E - 0+25N) - 1+75N) - 2+75N) - 3+25N)	Anomalous indication for gold
	L3E - 3+25S	Anomalous indication for gold
	L4E - 0+50N) - 3+00N) - 5+00N)	Anomalous indication for copper

Grid "A"	Location	Remarks
	L4E - 3+75S	Anomalous indication for copper in association with VLF-EM conductor designated C - C8
	L5E - 2+00N	Anomalous indication for copper
	L6E - 0+75N	Anomalous indication for copper
	L8E - 0+50N) - 3+00N)	Anomalous indication for gold
	L8E - 4+75S	Anomalous indication for copper
	L9E - 1+25N	Anomalous indication for copper
	- 4+00N	Anomalous indication for gold
	- 6+25N	Anomalous indication for copper
	L10E - 5+00N	Anomalous indication for copper in association with VLF-EM conductor designated F - F'
	L10E - 4+25S) - 4+50S)	Anomalous indication for copper
	L12E - 5+25N	Anomalous indication for copper
	L13E - 2+75N	Anomalous indication for copper
	L13E - 0+50S	Anomalous indication for copper
	- 2+00S	Anomalous indication for gold
	L14E - 0+75N) - 6+75N) - 7+25N) - 10+00N)	Anomalous indication for gold
	- 10+75N	Anomalous indication for copper
	L14E - 0+75S	Anomalous indication for gold
	- 1+00S) - 3+00S)	Anomalous indication for copper
	L15E - 7+25N	Anomalous indication for copper
	L16E - 2+00S	Anomalous indication for copper in association with VLF-EM designated conductor H - H'
	- 3+00S	Anomalous indication for copper
	L17E - 4+25N	Anomalous indication for gold
	L17E - 0+75S) 1+00S)	Anomalous indication for copper
	L21E - 3+00N	Anomalous indication for copper in the area of a quzrtz vein

Anomalous gold and copper values were found at the Roseman-Thompson Gold Showing as indicated on Figure 13.

Grid "B"	Location	Remarks
		Detailed (10-metre station) soil sampling on this grid (Figures 16, 17) in the area of 25+00E - 35ON through 26E (Baseline "B") - 80ON has indicated anomalous amounts of copper in the soils. Currently, the indicated trend is northeast and may be related to the fault pattern shown on Figure 8. The presence of anomalous amounts of copper in the soils surrounding the trenchings (TR I thru TR 5) suggest more detailed geochemical soil sampling is warranted in this area. Gold did appear in anomalous amounts in the soil samples taken near the trenchings (Figure 17).

9.8 A very-low frequency electromagnetic (VLF-EM) survey was performed over that area of the "A" Grid shown on Figure 19. A total of 9.72 line-km were surveyed. The instrument used was a Phoenix Geophysics VLF-2 electromagnetic receiver. Remote power source stations at Cutler, Maine and Annapolis, West Virginia were used. The signals from these stations were at times, intermittent in response, according to B. Price, M.Sc. who conducted the survey. The results indicate nine apparent conductor zones of response, which are located as follows:

Designated Conductor	Location	Remarks
A-A'	Line L0 - 4+75S L1E - 5+12S L2E - 5+87S	At surface Cu-Ni showing
B-B'	L2E - 5+12S	
C-C'	L4E - 3+87S L5E - 4+25S	
D-D'	L8E - 1+12S L9E - 1+37S L10E - 1+62S L11E - 2+37S L12E - 2+87S	
E-E'	L9E - 1+62N L10E - 0+62N L11E - 0+12S L12E - 0+87S	
F-F'	L10E - 5+00N L9E - 4+87N	
G-G'	L9E - 7+00N) L10E - 6"87N)	Swamp area indicated

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Designated Conductor	Location	Remarks
H-H'	Line L15E - 1+62S L16E - 1+87S	
I-I'	L15E - 2+37S	

9.9 A limited amount of magnetometer surveying was done on the detail grid area at the Roseman-Thompson Gold Showing. Some weak magnetic response was reported by B. Price, M.Sc., who did the magnetic survey with a McPhar M700 vertical field fluxgate magnetometer; The mineralized shear zone, which carries hematite and magnetite, and hosts the gold showing was indicated by the survey. A magnetometer survey of the total property is recommended.

10.0 RECOMMENDATIONS

A two-phase program of mineral exploration is proposed for the total area of the 27-Mineral Claim Group as follows:

PHASE I

a) Chain and compass survey of the claim boundary to establish the working area.

b) Line-cutting control should be extended over the total property area.

c) Geochemical soil sampling is proposed for the remainder of the claim group area with detailed soil sampling (10-metre stations) at the following locations:

"A" Grid		
	Line L0 -	3+00S
		4+00S
		5+00S
	L14E -	6+75N
		7+25N
		10+00N
		10+75N
	L17E -	4+25N

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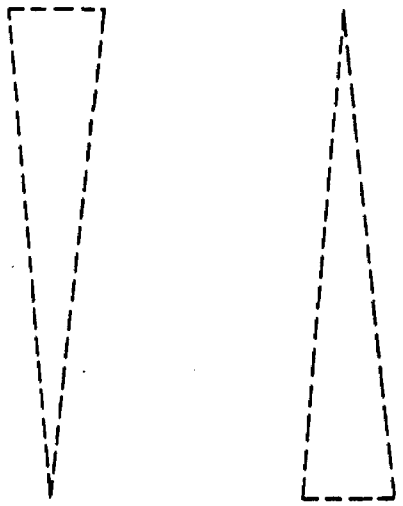
SCHEDULE I.

RISK VALUE SCALE FOR MINERAL PROPERTIES

RISK SCALE	PROPERTY EVENTS	DEGREE RISK	FAIR MARKET VALUE
10	Regional Survey	Maximum	Minimum
9	Property Rights		
8*	Exploration		
7	Preliminary Evaluation		
6	Conceptual Design		
5	Preliminary Feasibility Study		
4*	Test Mining and Milling Program		
3	Final Feasibility Study		
2*	Final Design and Construction		
1	Commercial Production	Minimum	Maximum



*Major points of project development expenditures.

"B" Grid — East and west of Trenches TR I thru TR 5 and north of TR 5

d) A magnetometer survey is recommended for the total property.

e) VLF-EM geophysical surveying is recommended over the remaining unsurveyed portion of the claim group. Detailed (25-metre stations) are proposed at the following locations:

Designated Conductor	
A-A'	and extend this anomaly zone westward
B-B'	
C-C'	
D-D'	
E-E'	
F-F'	
G-G'	and extend both eastward and westward
H-H'	and extend eastward
I-I'	

Copper mineralization has been indicated by previous work done by Noranda in 1952 and Selco in 1956 in the northeast sector of the present 27-Mineral Claim Group. This area should be prospected (geologically mapped) in close detail as well as soil sampled and geophysically surveyed. Geological mapping and hand-trenching may be necessary in some instances to prepare indicated mineral target areas for diamond drill testing.

Contingent upon an engineering evaluation of the results of the PHASE I program of mineral exploration and a recommendation to further explore the property, it is proposed that the recommendations of PHASE 2 be implemented as follows:

PHASE 2

a) Those indicated VLF-EM conductor zones and any newly discovered zones that respond to detailed VLF-EM geophysical testing should be further surveyed to delineate diamond drill targets using multi-channel induced polarization instrumentation.

b) A program of NQ core size diamond drilling is proposed to test those zones of mineralization (e.g. "B" Grid Trenches TR I and TR 3) and those anomalies of significant geochemical and geophysical response deemed to have economic potential.

11.0 ESTIMATED COSTS OF THE PROPOSED WORK PROGRAM

11.1 PHASE I

a)	Mobilization and transportation	$ 5,000
b)	Survey the perimeter of the property to establish the location of the claim posts and the working area	2,000
c)	Personnel for geochemical soil sampling, geophysical surveys, line-cutting and local hand-trenching: Supervision - 1 geologist $250/day x 30 days	7,500
	2 geological assistants @ $200/day x 30 days	12,000
d)	Camp costs - 3 men for 30 days (est.)	7,000
e)	Camp equipment and boat rental	6,000
f)	Geochemical soil analyses	6,000
g)	Geophysical equipment rental (Mag+VLF)	1,500
h)	Contingency including engineering report @ 10%	8,000
	Total Estimated Cost of PHASE I PROGRAM	$55,000 C/F

Contingent upon the results of the PHASE I Program and an engineering evaluation recommending further mineral exploration on the property, it is proposed that the following PHASE 2 program be carried out.

	BROUGHT FORWARD	$ 55,000

11.2 PHASE 2

a)	Induced polarization survey (contract estimated @ 10 km x $2,000/km)	$ 20,000	
b)	Estimate 1,000 metres NQ core size (48 mm) diamond drilling @ $110/metre)	110,000	
c)	Personnel: 1 supervising geologist @ $300/day 1 geological assistant @ $200/day 1 cook @ $200/day x 30 days	21,000	
d)	Camp costs - equipment rental, food, fuel and transportation for one month	10,000	
e)	Core handling and assaying	1,500	
f)	Contingency including engineering report	12,500	
	Total Estimated Cost of PHASE 2 PROGRAM		175,000
	Total Estimated Cost of the PHASE I and PHASE 2 Programs		$230,000

Respectfully submitted,

Donald W. Tully

Donald W. Tully, P. Eng.

November 14, 1988

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12.0 CERTIFICATE

I, DONALD WILLIAM TULLY, of the Corporation of West Vancouver, Province of British Columbia, hereby certify as follows:

12.1 I am a Consulting Geologist with an office at Suite 1205, 555 - 13th Street, West Vancouver, B.C. V7T 2N8.

12.2 I am a registered Professional Engineer of the Provinces of British Columbia and Ontario and a Charter Member Fellow of the G.A.C.

12.3 I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.

12.4 I have practiced my profession for forty-three years.

12.5 I have no direct, indirect or contingent interest in the securities of CALIBAN RESOURCES INC. or the contiguous group of 27 mineral claims numbered K1010302-25 inclusive and K1084913-15 inclusive, subject of this report, nor do I intend to have any interest.

12.6 This report dated November 14, 1988, is based on personal field examination made on the 27-Mineral Claim Group on September 27, 1988, and from information gathered from available maps, reports and personal communications.

12.7 I have not examined any mineral properties or claims within the past five years that are located within ten kilometres of the 27-Mineral Claim Group.

12.8 Written permission is required from the author to publish this report dated November 14, 1988 in any Prospectus, Exchange Offering Prospectus or Statement of Material Facts.

DATED at West Vancouver, Province of British Columbia, this 23rd day of November, 1988.

Donald W. Tully

DONALD W. TULLY, P. ENG.,
Consulting Geologist

APPENDIX I

MAP FIGURES 1, 4, 5, 8, 9, 10,
11, 12, 13, 14, 15, 16, 17, 18, 19

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WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

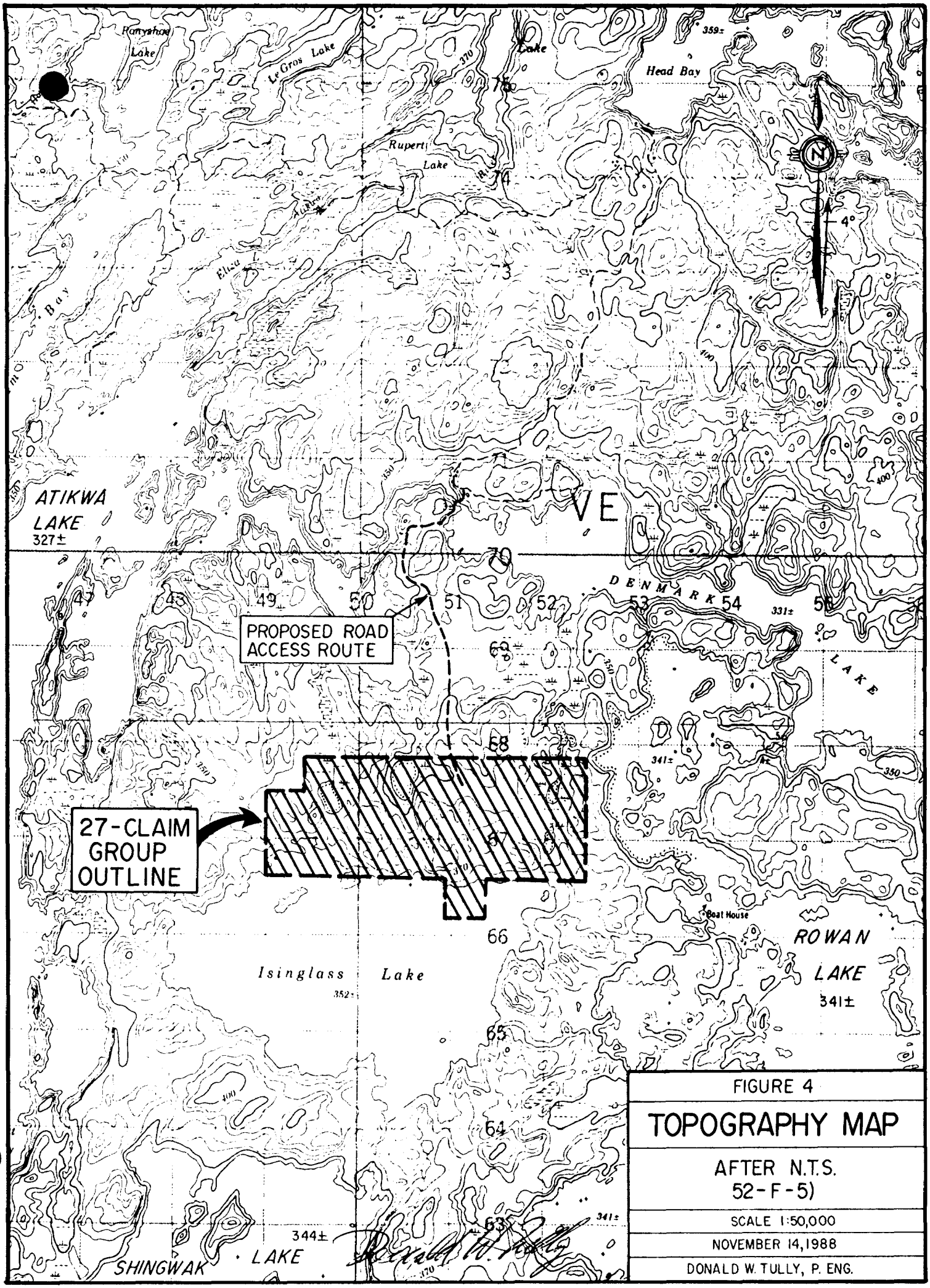


FIGURE 4

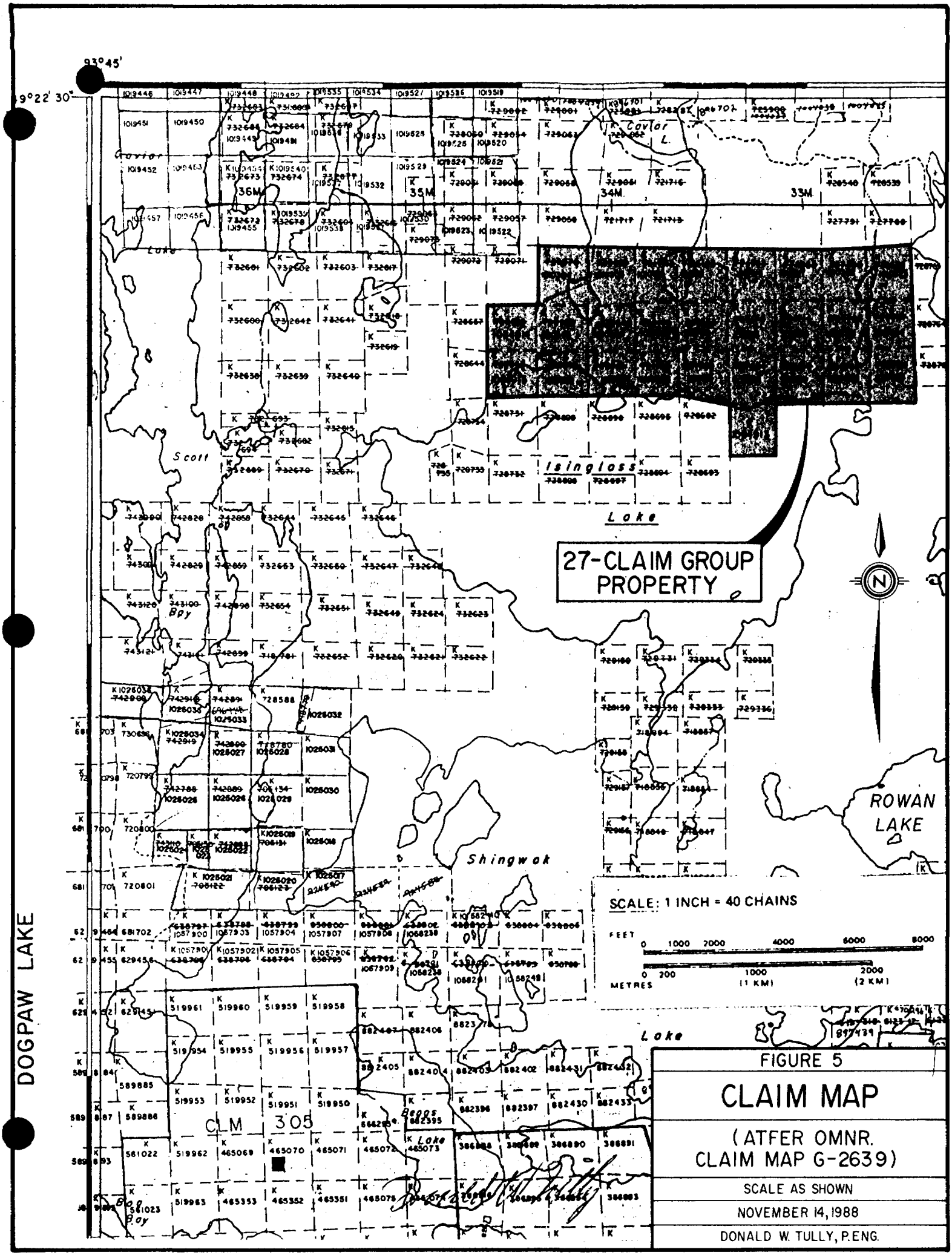
TOPOGRAPHY MAP

AFTER N.T.S. 52-F-5)

SCALE 1:50,000

NOVEMBER 14,1988

DONALD W. TULLY, P. ENG.


93°45'
59°22' 30"
DOGPAW LAKE
27-CLAIM GROUP PROPERTY
Taylor L.
Taylor
Lake
Scott
Lake
Isinglass
Lake
Bay
Shingwok
ROWAN LAKE
Lake
Beggs
Lake
Bay
CLM 305
36M
35M
34M
33M
SCALE: 1 INCH = 40 CHAINS
FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)
FIGURE 5
CLAIM MAP
(ATFER OMNR. CLAIM MAP G-2639)
SCALE AS SHOWN
NOVEMBER 14, 1988
DONALD W. TULLY, P.ENG.

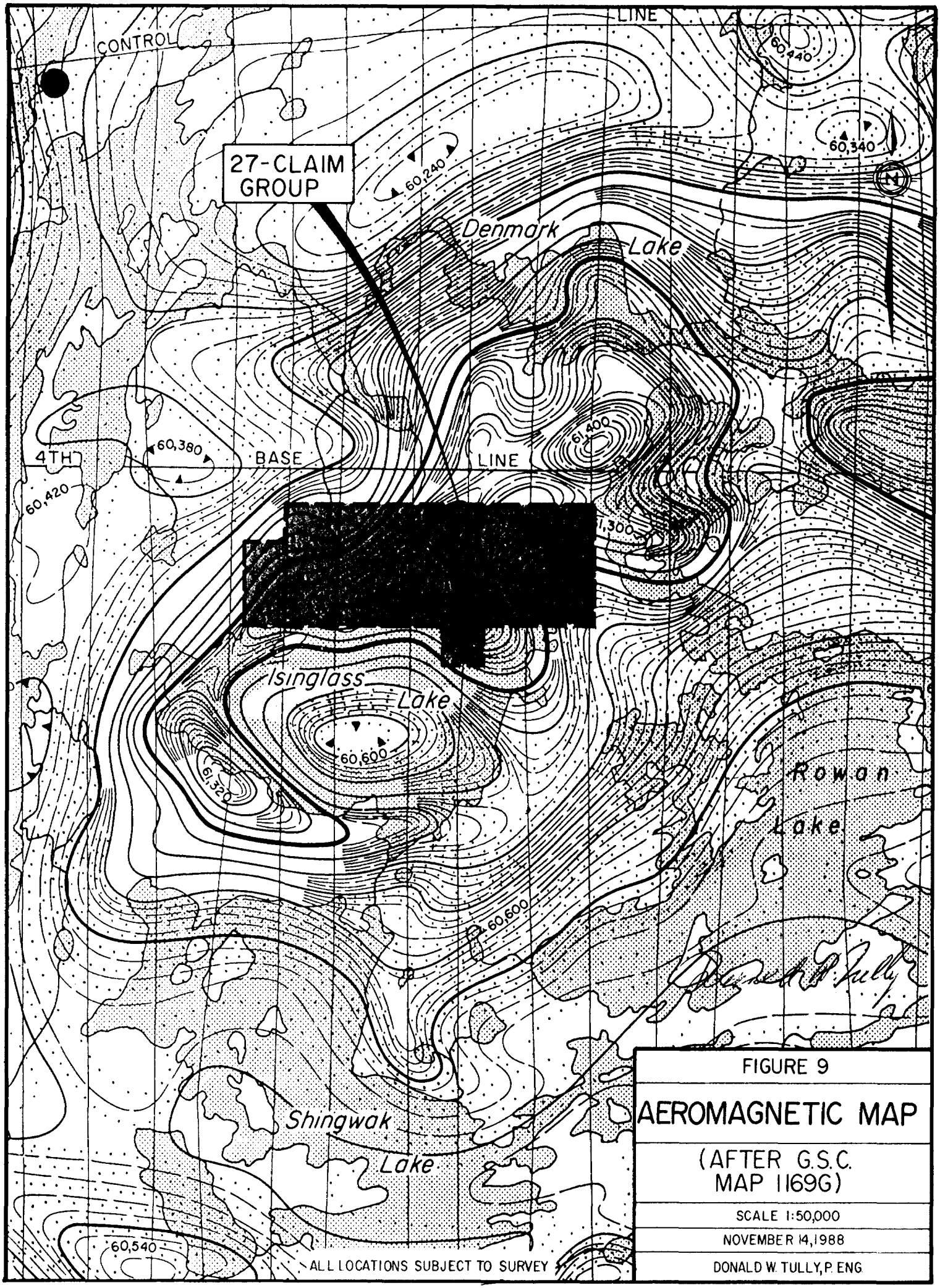


FIGURE 9

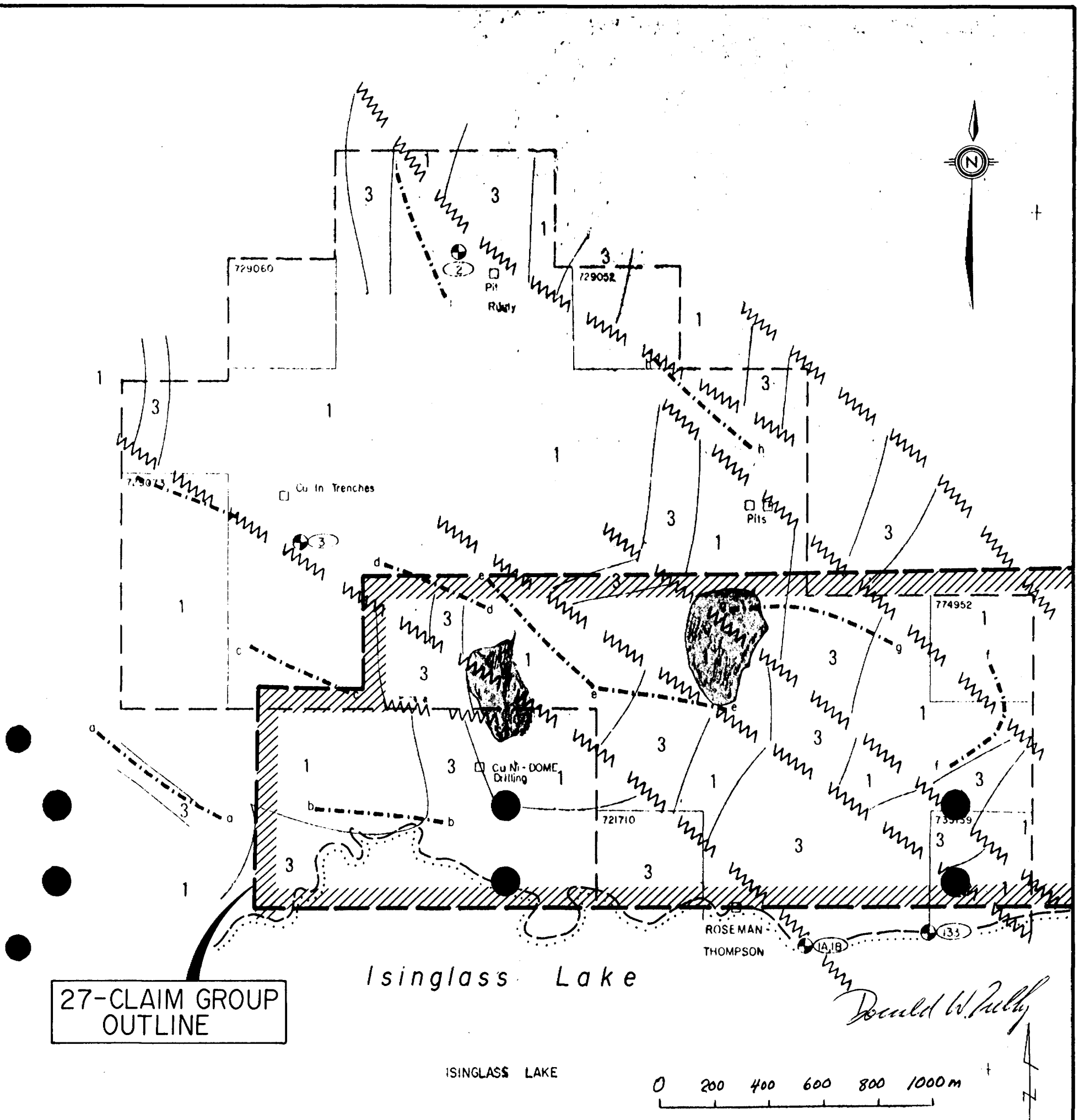
AEROMAGNETIC MAP

(AFTER G.S.C. MAP 1169G)

SCALE 1:50,000

NOVEMBER 14, 1988

DONALD W. TULLY, P. ENG.



FROM OGS. FILE HHH-I, KENORA, ONTARIO

GEOPHYSICAL INTERPRETATION

POSSIBLE CONTACT

POSSIBLE FAULT

3 INTERPRETED MAFIC INTRUSIVES (GABBRO)

1 INTERPRETED MAFIC TO INTERMEDIATE VOLCANICS

VLF-EM CONDUCTOR AXES WITH IDENTIFIER

GEOLOGICAL INFORMATION

OCCURRENCES FROM MAP P831

1983-84 SAMPLE LOCATIONS WITH NUMBER

FIGURE 10

TO ACCOMPANY A REPORT BY DONALD W. TULLY, P. ENG. DATED NOV. 14, 1988

GEOTEST CORPORATION

INTERPRETATION

ISINGLASS LAKE AREA ONTARIO

J. E. HANSEN — REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO

N.T.S. NO 52 F/5	DRAWING NO MAP
SCALE 1:10,000	DATE February, March 1985

FLOWN BY TERRAQUEST LIMITED TORONTO FOR GEOTEST CORP. OTTAWA

FIGURE 8
GENERAL PROPERTY GEOLOGY
(AFTER OGS-MAP P. 831)

SCALE 1" = 1/4 MILE

NOVEMBER 14, 1988

DONALD W. TULLY, P. ENG.

27-CLAIM GROUP OUTLINE

830,000 W

4 T H

35M 34M 33M 32M

EAST BAY (Caviar) L.

OLD CAMP

Rowan Lake

Isinglass Lake

See Figures 11, 12, 13

See Figure 14

See Figures 15, 16, 17

AMPHIBOLITE FACIES

CHLORITE FACIES

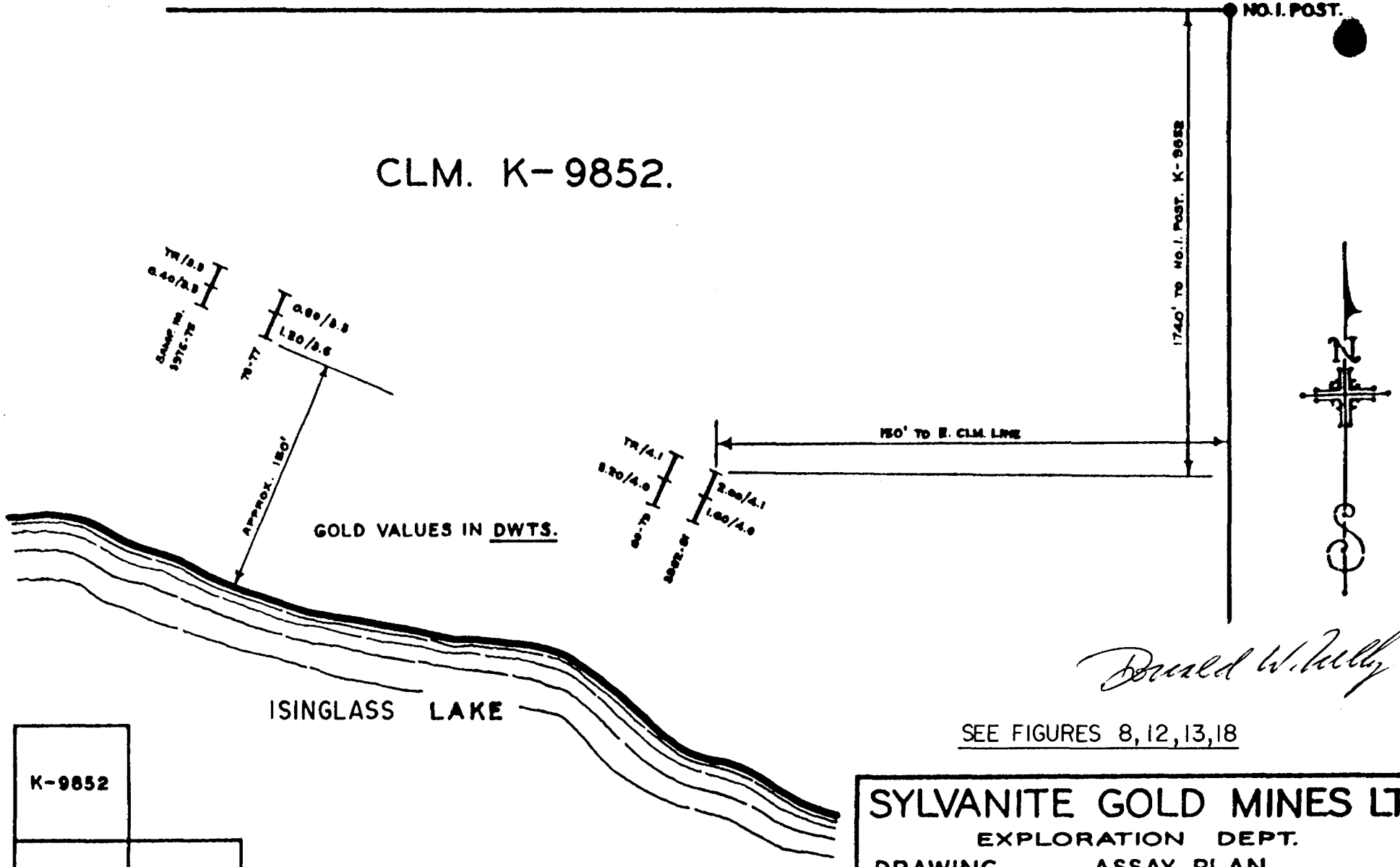
1130'

Donald W. Tully

LEGEND

5a - Granite	3a - Anortho. Gabbro	1a - Basalt, Andesite Lava
4b - Feld. porph.	b - Gabbro	b - Basalt Lava, massive
Cu, Ni - Copper, nickel	c - Quartz Gabbro	d - Metabasalt
Cp - Chalcopyrite	d - Amphibo. Gabbro	e - Lava flow breccia
Po - Pyrrhotite	e - Pyroxenite	g - Lapilli-tuff
Py - Pyrite	g - Gabbro agmatite	k - Amphibo. basalt, andesite
Mc - Malachite	h - Hybrid Gabbro	m - Chlorit. basalt, andesite
ep - Epidotization	MA - Magnetic attr.	
Mag - Magnetite	——— Schistosity	④ - Canad. Nickel Co. Ltd
	o——| D. D. Hole	⑤ - Dome Exploration

52 F/SE Y-1
FROM FILE Y-1, RES. GEOL. KENORA, ONTARIO



Donald W. Tully

SEE FIGURES 8, 12, 13, 18

K-9852
K-9853 | K-9854

CLAIM GROUP.
NO SCALE.

FIGURE II

ASSAY RESULTS

CLAIM K1084913

SCALE 1" = 20'

NOVEMBER 14, 1988

DONALD W. TULLY, P. ENG.

SYLVANITE GOLD MINES LTD.

EXPLORATION DEPT.

DRAWING	ASSAY PLAN.
LOCATION	ROSEMAN-THOMPSON PROPTY. ISINGLASS LAKE - ROWAN TWP.
SCALE	1" — 20'.
SAMP. BY	J.A.M.
DRAWN BY	K.O.M.
REF. NO. 1062	DATE AUG. 10-43.

TRENCH "J"
no sample

317°

TRENCH "I"

1 qtz vein

LINE 16E

2 - 75 S

Hematitic - Epidote Altn

Slickensides

BPI 28 selected debris

Qtz

Pyritic altn

Shear

Hematitic Altn

TRENCH "H"

Quartz vein
1.52% vert

BPI 29
selected qtz debris

Prob qtz vein

OUTCROP "G"
Hematite-Epidote Altn
volcanics

OLD MILLSITE

LN 16 - 25E

TRENCH "F"
BPI 27
selected qtz debris

Pyritic altered volcs
strongly fractured 150/70

(b)

BPI 20

BPI 21
qtz debris

BPI 26 — (c)
selected

BPI 22
massive volcs

(d)

BPI 19

Shear

TRENCH "E"

105

084

70

DW TULLY SAMPLES
chips from w wall of pit

SAMPLE Nº	Cu ppm	Ni ppm	Au opt	Ag opt	SAMPLE LENGTH
(a) D011	359	205H	0521	0.50	15 cm
(b) D012	602	64	0002	0.05	65cm
(c) D013	330	30	0060	0.26	120cm
(d) D014	445	59	0804	0.56	75cm

BPI 25 Chip - 1 meter
4cm qtz vein + wallrock

(a)

130/75

TRENCH "D"

Pyritic siliceous basalt w
Epidote chlorite hematite minor Cu

LN 16 - 50E

TRENCH "C"

Green pyritic volcs
No Quartz
Not sampled

TRENCH "B"

BPI 23 - selected qtz

TRENCH "A"

BPI 24 - chips over 1m
dark green volcs

SAMPLES TAKEN BY B PRICE

SAMPLE Nº	Cu ppm	Ni ppm	Au ppb	Ag ppm
BPI 19	347	46	1180	5
20	250	27	3605	5
21	440	23	2195	3
22	600	23	1725	3
25	215	14	4290	4
26	137	11	33100	15
27	264	17	1290	1
28	170	6	615	1
29	62	7	790	1
23	302	9	7	1
24	115	6	4	1

LEGEND

• SOIL SAMPLE SITE

x ROCK SAMPLE SITE

SEE FIGURES 8,15,17

TO ACCOMPANY A REPORT BY DONALD W. TULLY, P. ENG.
DATED NOVEMBER 14, 1988

ALL LOCATIONS SUBJECT TO FINAL SURVEY

Donald W. Tully

FIGURE 12

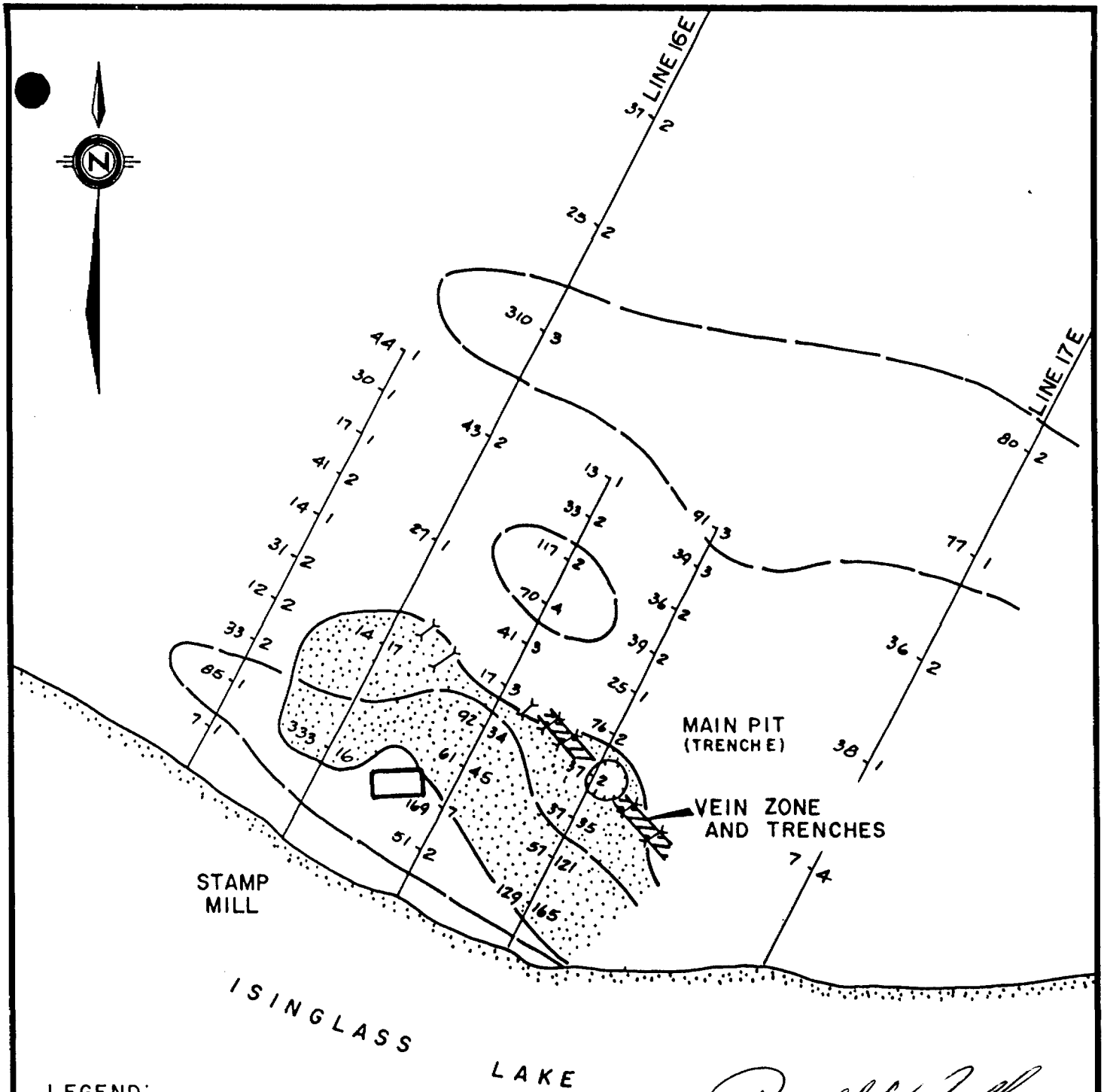
CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT
KENORA, ONTARIO

ROSEMAN-THOMPSON
GOLD SHOWING
ROCK SAMPLE ASSAY RESULTS

0 4 8 Metres
SCALE 1:100

BY B. PRICE, M.Sc. DATE OCTOBER, 1988 FIGURE NO.



LEGEND:

GOLD CONTOUR >5 ppb

COPPER CONTOUR >50 ppm

0 50 100m

SCALE 1:2,500

See Figures 8, 11, 12, 18

TO ACCOMPANY A REPORT BY
DONALD W. TULLY, P.ENG.
DATED NOVEMBER 14, 1988

Donald W. Tully

FIGURE 13

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT
KENORA, ONTARIO

ROSEMAN/THOMPSON GOLD SHOWING
COPPER AND GOLD IN SOIL

B. PRICE, M.Sc.

DATE: OCTOBER, 1988 FIGURE No.

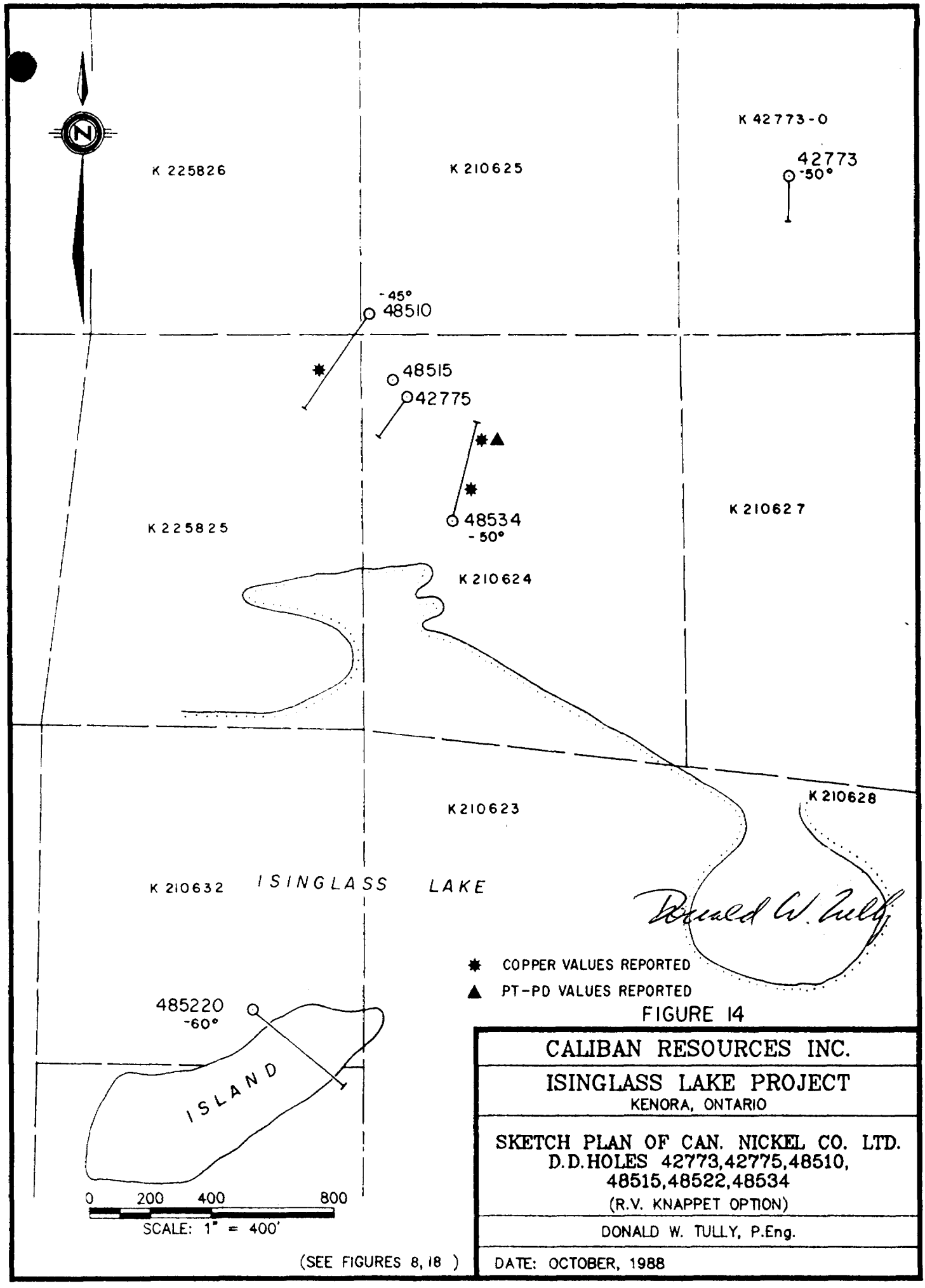


FIGURE 14

CALIBAN RESOURCES INC.
ISINGLASS LAKE PROJECT KENORA, ONTARIO
SKETCH PLAN OF CAN. NICKEL CO. LTD. D.D.HOLES 42773,42775,48510, 48515,48522,48534 (R.V. KNAPPET OPTION)
DONALD W. TULLY, P.Eng.
DATE: OCTOBER, 1988

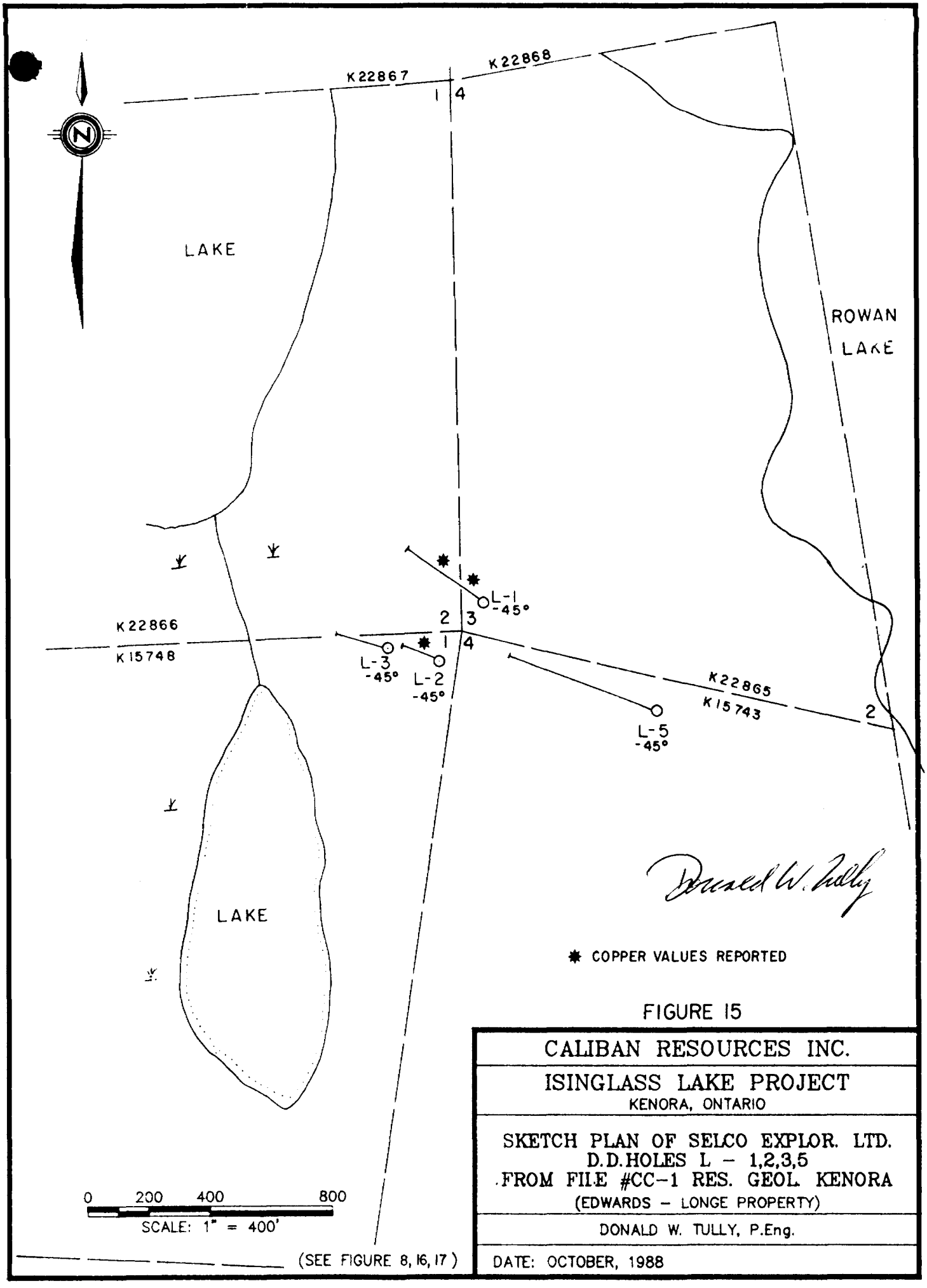
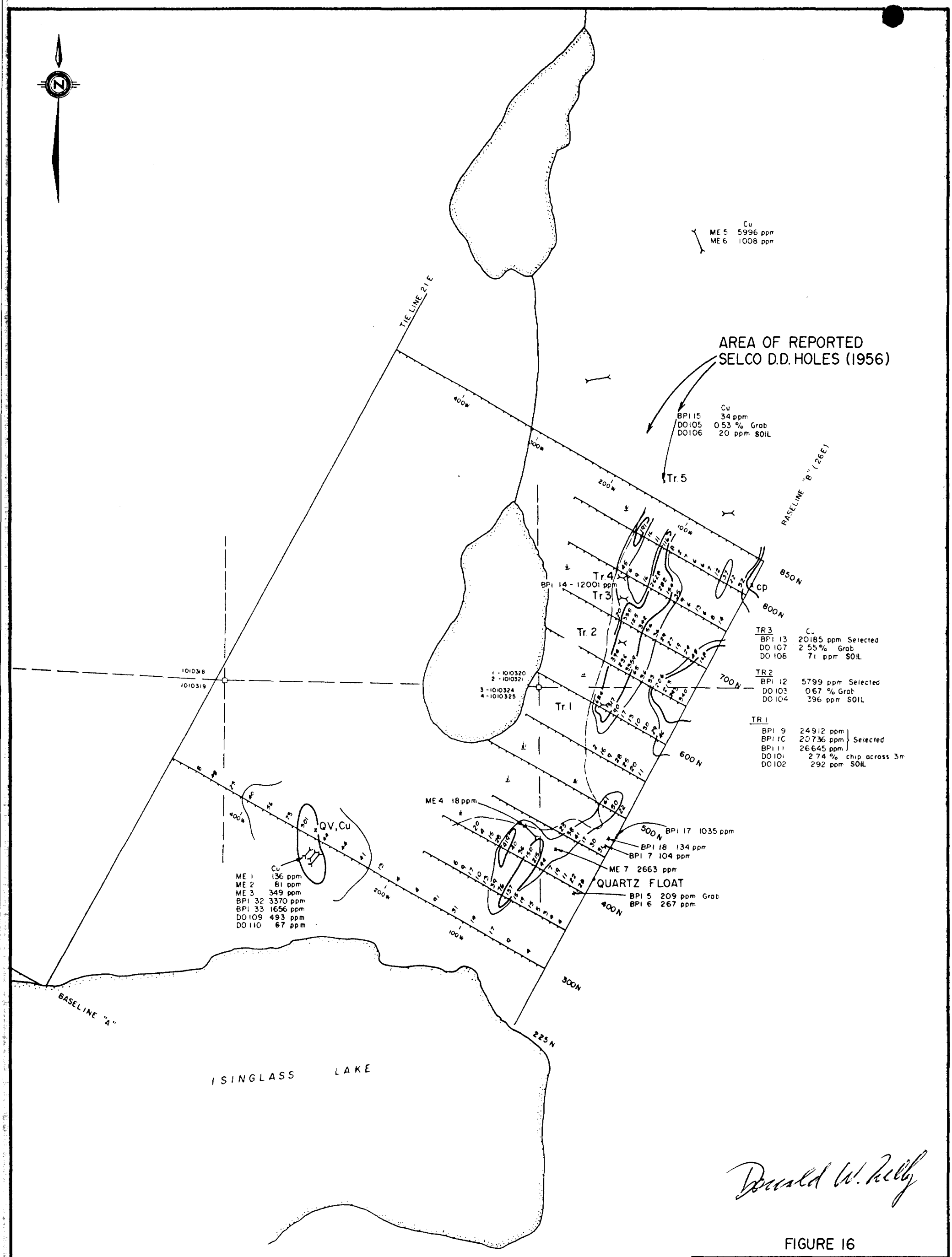


FIGURE 15

CALIBAN RESOURCES INC.
ISINGLASS LAKE PROJECT KENORA, ONTARIO
SKETCH PLAN OF SELCO EXPLOR. LTD. D.D.HOLES L – 1,2,3,5 FROM FILE #CC–1 RES. GEOL. KENORA (EDWARDS – LONGE PROPERTY)
DONALD W. TULLY, P.Eng.
DATE: OCTOBER, 1988



LEGEND

- MINERALIZED OUTCROP
- TRENCH
- 30 ppm COPPER CONTOUR
- 100 ppm " "
- CLAIM POST
- COPPER VALUE IN ppm

ME 7, BPI 9 } CALIBAN SAMPLES

D0 105 TULLY SAMPLE

SEE FIGURES 8,15,17

TO ACCOMPANY A REPORT BY

Donald W. Tully

FIGURE 16

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT

KENORA, ONTARIO

"B" GRID

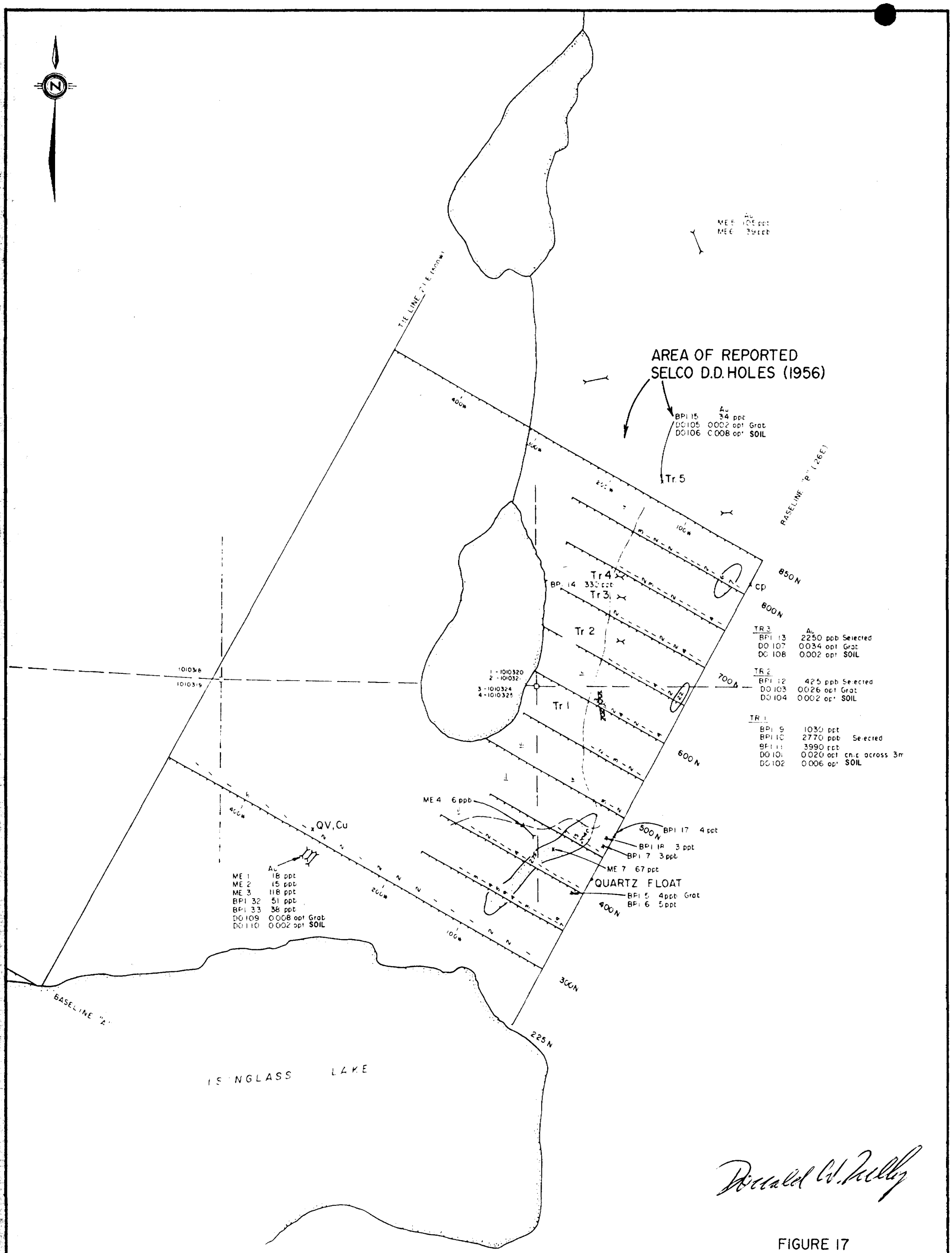
SOIL & ROCK

COPPER ASSAY RESULTS

0 50 100 150 200

SCALE 1:2500

ALL LOCATIONS SUBJECT TO FINAL SURVEY



LEGEND

- MINERALIZED OUTCROP
- TRENCH
- 4 ppb GOLD IN SOIL
- MINERALIZED ZONE
- CLAIM POST
- GOLD VALUE IN ppb

ME 7, BPI 9 > CALIBAN SAMPLES

DO 105 TULLY SAMPLE

ALL LOCATIONS SUBJECT TO FINAL SURVEY

SEE FIGURES 8,15,17

TO ACCOMPANY A REPORT BY DONALD W. TULLY, P. ENG.

DATED NOVEMBER 14, 1988

Donald W. Tully

FIGURE 17

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT

KENORA, ONTARIO

"B" GRID

SOIL & ROCK

GOLD ASSAY RESULTS

0 50 100 150 200

SCALE 1:2500

BY: P. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.

CLAIM BOUNDARY

TULLY RESULTS

NO.	Cu%	Ni%	Auoz/T.	Agoz/T
D 0116	0.61	0.13	0.008	0.23
D 0115	0.02	0.007	0.002	0.10

K 1010304
K 1010305
K 1010306
K 1010307
K 1010308
K 1010309
K 1010310
K 1010311
K 1010312
K 1010313
K 1010314
K 1010315
K 1010316
K 1010317
K 1010318
K 1010319
K 1010302
K 1010303
K 1084914
K 1084915
K 1084913

SWAMP

Cu – Ni SHOWING

ROSEMAN–THOMPSON GOLD SHOWING

LOCATION MAP

LEGEND

350/17 Cu ppm / Au ppb

GOLD CONTOUR > 10ppb

COPPER CONTOUR > 50 ppm

VLF ANOMALY

SHOWING

MINERALIZED TREND

ISINGLASS LAKE

BASELINE

ALL LOCATIONS SUBJECT TO FINAL SURVEY

Donald W. Tully

See Figure 8

TO ACCOMPANY A REPORT BY DONALD W. TULLY, P. ENG.

DATED NOVEMBER 14, 1988

FIGURE 18

CALIBAN RESOURCES INC.

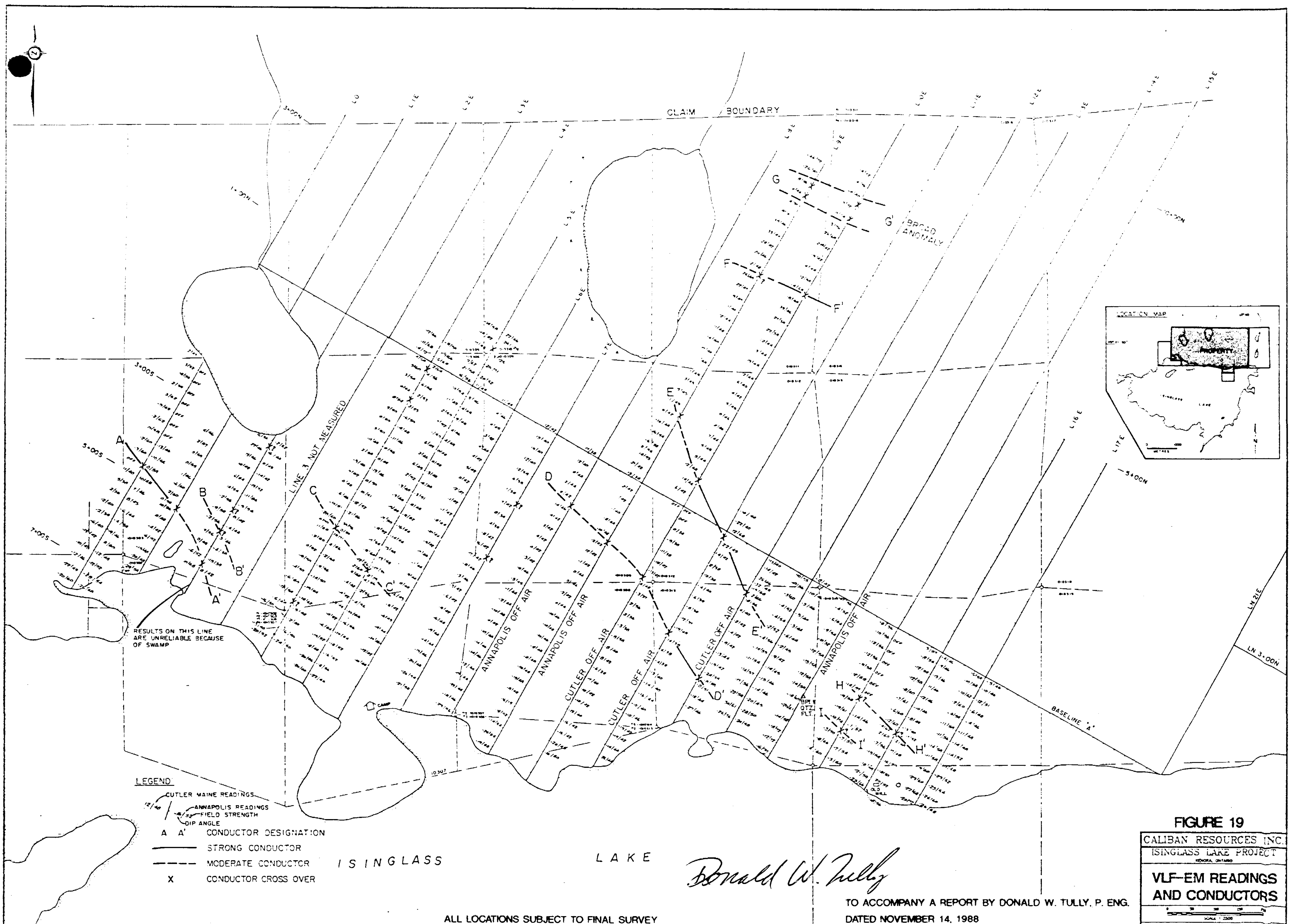
ISINGLASS LAKE PROJECT

KENORA, ONTARIO

"A" GRID

GOLD – COPPER

SOIL SAMPLE RESULTS



ALL LOCATIONS SUBJECT TO FINAL SURVEY

TO ACCOMPANY A REPORT BY DONALD W. TULLY, P. ENG.
DATED NOVEMBER 14, 1988

FIGURE 19

CALIBAN RESOURCES INC.
ISINGLASS LAKE PROJECT
KENORA, ONTARIO

VLF–EM READINGS AND CONDUCTORS

APPENDIX "A"

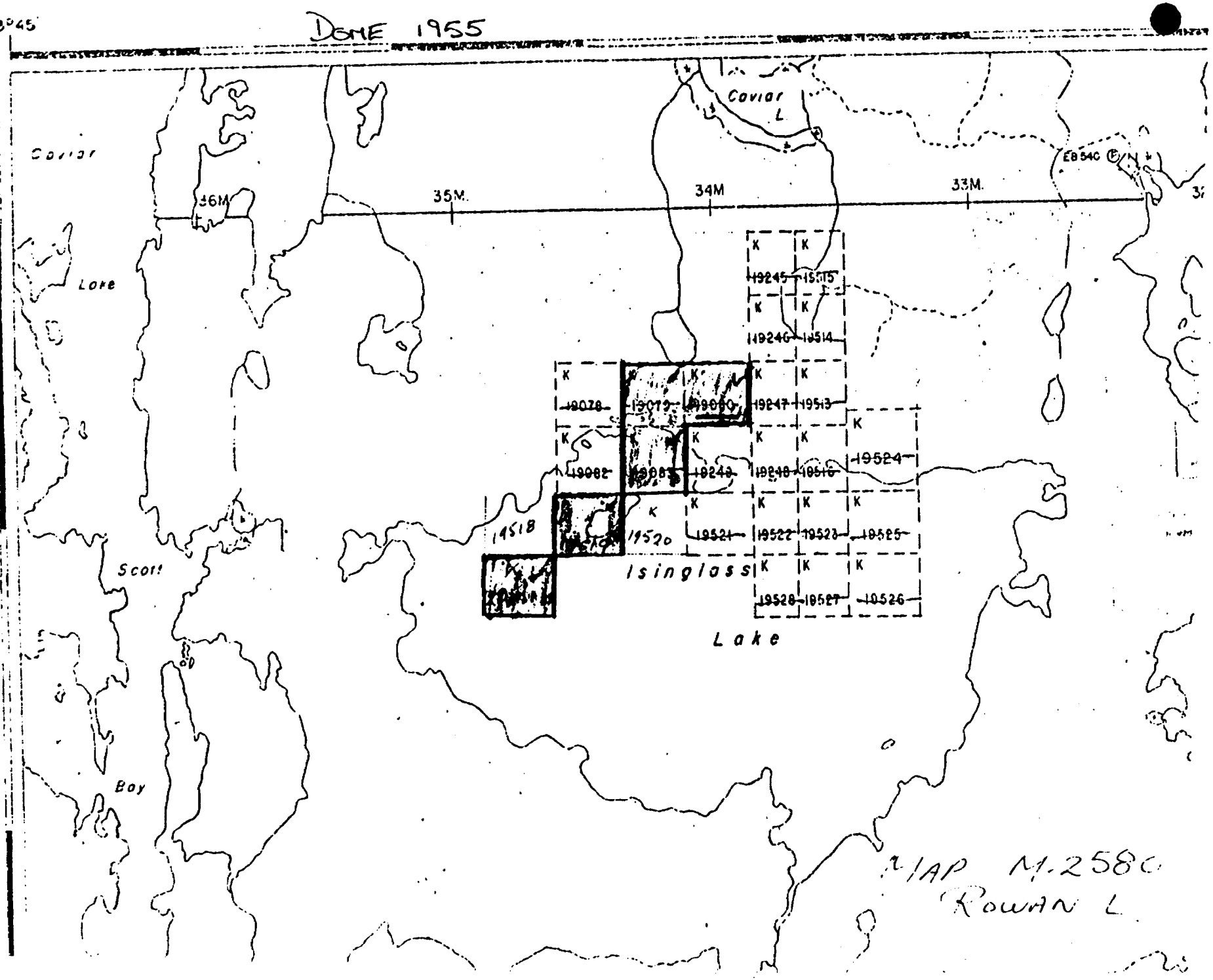
(Logs for Dome Exploration
DD Holes C-1 thru C-11 incl.)

(Location Sketches only
for C-8 thru C-11)

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

52. F/5 SE J-1

C-1



MAP M-258C
ROWAN L.

52F/5 SE J-1

FOOTAGE | DIP. -45° | MAG. BEARING S 81½° E | ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. Hawkins

D. D. H. NO. A-1 PAGE NO.
COMMENCED June 6/56
FINISHED June 15/56
MINE
WORKING PLACE Tsumbess Lake

	DATE 1956	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OWTS			Copper	Nickel		REMARKS
1	June 6	27.0	overburden	27	.0						Overburden
	" 7	27 0									
		28 9	pinacoite	1	9						Andesite fine grained & dark - no mineralization
	" 7	28 9									
		39 1	Norite	10	2						Norite fine grained - no mineralization
01	" 7	39 1									
		40 2	Norite	1	1		10		25	32	Norite is coarsen grained - contains good inclusions - mineralization
	" 7	40 2									
		49 2	Norite	9	0						Norite coarse grained - no mineralization
02	" 7	49 2	Norite								Norite coarse grained - mineralization
		50 8		1	6		40		40	34	
02	" 7	50 8	Norite								Coarse grained Norite - no mineralization
		51 6			.8						
03	" 7	51 6	Norite								Coarse grained Norite - mineralization
		53 5		1	7		20		20	29	visible chalcopyrite & pyrrhotite
04	" 7	53 3	Norite								Norite coarse grained: mineralized
		55 4		2	1		40		27	45	chiefly pyrite - some pyrrhotite
	" 7	55 4	Norite								Norite - no mineralization
		56 8			.4						
105	" 7	56 3	Norite								Norite - coarse grained - visible
		57 4		1	1		10		60	24	as disseminations - not massive
			total	57	4						

FOOTAGE	DIP	MAG. BEARING
		S 81½° E

-48°

ABT ____ ASSUMED MAG. DECL'N ____

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. Rowbotham

D. D. H. NO. C-1 PAGE NO. 2
COMMENCED June 6/55
FINISHED June 15/55
MINE
WORKING PLACE Essington Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OWIS	Copper	Nickel	REMARKS
	1 rod		57 4				
June 7	57 4						
	57 4	Andesite	2 5				no mineralization
" 7	59 9	Norite					Norite course grained as before - knife edge contact with andesite
	24 2		4				
6 " 7	58 3	Norite					Norite rock - this section fairly well
	64 0		6 7	20	40	58	mineralized - Chalcopyrite, pyrite.
" 7	64 0						
	64 4	Norite	4				coarse grained - no mineralization
7 " 7	64 8	Norite					Norite a little darker in colour - well mineralized at end of section - Chalcopyrite
	66 9		2 5	40	57	49	
" 7	66 9						sparse pyrite mineralization in a coarse grained norite
	70 6	Norite	3 9				
8 " 7	70 6						Norite at below - mineralization patchy
	73 1	Norite	2 5	10	10	29	visible chalcopyrite
" 7	73 1	Norite					Norite with feldspathic and quartzite
	76 5		3 4				inclusions
" 7	76 5	Andesite					Contact between andesite and norite
	77 8		1 3				a knife edge.
" 7	77 8	Norite					Norite - feldspathic and quartzitic
	78 8		1 0				inclusions - sparsely mineralized
9 " 7	78 8	Andesite					quartz inclusions a little
	81 2		2 4				mineral (pyrite)

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG BEARING
	-45	S 81½° E

ASSUMED MAG. DECL'N

LOCATION
CLAIM NO. 19080
GEOLOGY BY J. Rosenbrand

D. D. H. NO. C-1 PAGE NO. 2
COMMENCED June 6/55
FINISHED June 8/55
MINE
WORKING PLACE Isinglass Lake.

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS	Copper	Nickel	REMARKS
		Total	81 2				
June 7	81 2	Norite					Norite varies considerably in this section from
	92 0		10 8				coarse to fine grained & contains granite inclusions
							sparse mineralization
"	92 0	Norite					Norite - very coarse grained no granite and
	93 7		1 7	80	60	44	rock very dark - visible chalcopyrite & pyrrhotite.
	13 7	Andesite					No clean cut contact between norite
	99 7		6 0				and andesite
June 8	99 7	Norite					Norite coarse grained - inclusions granite
	109 6		9 9				little mineralization
" 8	109 6	Norite					Mineralization pyrrhotite & chalcopyrite
	113 6		4 0	40	42	39	as descendings
" 8	113 6	Norite					Mineralization pyrrhotite & chalcopyrite
	117 5		3 9	10	40	35	Norite very coarse grained
" 8	117 5	Norite					Norite as above - scant mineralization
	126 9		9 4				
" 8	126 4	Norite					coarse grained Norite - mineralization
	131 9		5 0	40	57	43	pyrrhotite & chalcopyrite.
" 8	131 9	Norite					Norite coarse grained - visible chalcopyrite
	136 9		5 0	40	45	47	& pyrrhotite
" 8	136 9	Norite					as above - sparse mineralization
	137 9		1 0				
"							
" 8	137 9	Norite					Mineralization - pyrrhotite & chalcopyrite
	141 9		4 0	10	53	32	

Total 141 9

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

MAG. BEARING: S 81½° E
DIP: -45°
ASSUMED MAG. DECL'N:

LOCATION:
CLAIM NO.:
GEOLOGY BY: S [illegible]

D. D. H. NO. S-1 PAGE NO. 4
COMMENCED: June 6/55
FINISHED: June 15/55
MINE:
WORKING PLACE: Ic[illegible]less Lake

Sample Number	Date 1955	Distance from Collar	Formation	Width Feet	Assay Value DWTS		Copper	Nickel		Remarks
				total 141 9						
	June 9	141 9	Norite							Norite as before – coarse grained
		144 6		2 7						sparsely mineralized.
15	" "	144 6								Norite as before – some mineralization
		148 3		3 7	Tr		35	55		i.e. chalco. & pyrrhotite
	June 9	148 3	Norite							Norite very coarse grained & dark
	" "	215 5		67 2						
16	" 9	215 5	Norite							Norite as above – chalcopyrite and pyrrhotite
		218 0		2 5	10		37	67		visible in lumpy desseminations
	" 9	218 0	Norite							Norite coarse grained – mineralization
		233 7		15 7						but sparse
17	" 9	233 7	Norite							
		235 3		1 6	10		75	87		
	" 9	235 3	Norite							
		245 7		10 4						
18	" 9	245 7	Norite							Norite as above · mineralization as above
		249 7		4 0	160		65	77		chalco. · pyrrhotite. – pyrrhotite more abundant than chalco.
			total	249 7						

FOOTAGE	DIP	MAG. BEARING

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19880
GEOLOGY BY S. Hawkins

D. D. H. NO. 0-1 PAGE NO. 5
COMMENCED June 6/55
FINISHED June 15/55
MINE
WORKING PLACE Isaplass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS	Copper	Nickel	REMARKS
	Total		2v9 7				
June 9	2v9 7	Norite					Norite coarse grained - dessemanations of chalcopyrite & pyrrhotite throughout however mineralization not abundant
	288 0		38 3				
June 10	288 0	Andesite					- no knife edge contact as before : contact characterized by quartzy material not abundant - mineralization with quartz.
"	334 3		Not Sure 3				
"							
" 10	334 3	Norite					
	343 4		11 1				Norite COARSE grained again - contact fairly sharp - no mineralization
" 10	345 4	Andesite					
	358 8		14 4				Chonochloritic andesite - no mineralization
June 11	358 8	Norite					Norite varying from coarse grained & dark to lighter grey coloured & finer grained - Norite contains a slight amount of pyrite mineral in some sections. - also contains stringers quartz & feldspar generally as a fine crystallization on the face of fractures within the rock - hematite stain is also in evidence in some of the fractures.
	495 9						
June							
June 13	495 9	Andesite					Andesite with a little pyrite
	499 4		3 5				
" 13	499 4	Norite					Norite as usual
	602 1		2 7				
" 13	602 1	Andesite					
	509 7		7 6				
		total	509 7				

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG. BEARING
	-45	S 81½° E

ASSUMED MAG. DECL'N ______

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. Hawkins.

D. D. H. NO. G-1 PAGE NO. 6
COMMENCED June 6/55
FINISHED June 15/55
MINE ______
WORKING PLACE Isinglass Lake

DATE 1955		DISTANCE FROM COLLAR		FORMATION	WIDTH FEET		ASSAY VALUE DWTS		Copper	Nickel		REMARKS
				total	509	7						
June	13	509	7	Norite								Norite - with a little included quartz
		523	5		13	8						
June	13	523	5	Andesite								Andesite - contains a little quartz &
		528	2		4	7						olivine.
June	14	528	2	Diabase								~~Andesite~~ Diabase a dark rock - crystals of dark
		548	6		20	4						mineral coarse and stubby. - no mineraliz-
												ation. - feldspar - long & needle like
"	14	548	6	Andesite								
		576	0		27	4						Andesite containing quartz and olivine
												stringers
"	14	576	0	Granodiorite								Dark rock with a good deal of quartz
		638	8		62	8						and feldspar fragments
"	15	638	8	Andesite								Andesite with quartz and olivine as fine
		658	2		19	4						crystallization in joints and as stringers
"	15	658	2	Granodiorite								Granodiorite as above
		682	2		24	0						
"	15	682	2	Andesite								Andesite as above
		687	1		4	9						
"	15	687	1	Granodiorite								Granodiorite as above.
		692	3		5	2						
				total	692	3						
		692	3	end of hole.								
				G-1								

Dolphin

FOOTAGE	DIP.	MAG. BEARING
		28½° E

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION

CLAIM NO. 10090

GEOLOGY BY S. C. Robbins

D. D. H. NO. S-1 PAGE NO. 13

COMMENCED June 6/55

FINISHED June 13/55

MINE

WORKING FACE

SAMPLE NUMBER	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Au oz.		Copper	Nickel	REMARKS
	June 7	27 0	Andesite						Estimate Cu - .10% Ni - .10%
		28 9		1 9					
124						TR	10		
	" 7	28 9	Norite	3 1					
		32 0							
125	" 7	32 0	Norite						" " Cu - trace Ni - trace
		37 0		5 0		TR	10		
126	" 7	37 0	Norite						" " Cu - trace Ni - trace
		39 1		2 1		TR	12	15	
127	" 7	40 2	Norite						" " Cu - .05% Ni - .08%
		45 2		5 0		TR	20	27	
128	" 7	45 2	Norite						" " Cu - trace Ni - trace
		49 2		4 0		TR	12		
129	" 7	50 8	Norite						" " Cu - trace Ni - trace
		51 6		0 8		TR	15		
130	" 7	55 4	Norite						" " Cu - .10 Ni - .10
		56 3		0 9		TR	10		
	" 7	57 4	Andesite						" " Cu - .10 Ni - .10
		58 9		1 5					
131						TR	10		
	" 7	58 9	Norite	0 4					
		59 3							
132	" 7	66 9	Norite						" " Cu - .10% Ni - .10%
		70 6		3 7		TR	15	15	

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE: | DIP: | MAG. BEARING: S 81½° E
-45° E
ASSUMED MAG. DECL'N:

LOCATION:
CLAIM NO.: [illegible]
GEOLOGY BY:

D. D. H. NO.: 0-1
PAGE NO.: 14
COMMENCED: June 6/55
FINISHED: June 8/55
MINE:
WORKING PLACE: Islington Lake

Sample No.	Date 1955	Distance from Collar	Formation	Width Feet	Assay Value Au			Copper	Nickel	Remarks
	June 7	73.1 – 76.5	Norite	3.4						Estimate Cu .15% Ni .10%
8	" 7	76.5 – 77.8	Andesite	1.3	TR			.15	TR	
	" 7	77.8 – 78.1	Norite	.3						
	" 7	78.1 – 78.8	Norite	.7						" " Cu .10% Ni .10%
9	" 7	78.8 – 81.2	Andesite	2.4	TR			.10	TR	
	" 7	81.2 – 83.1	Norite	1.9						
10	" 7	83.1 – 88.1	Norite	5.0	TR			.10	TR	" " Cu .15% Ni .15%
11	" 7	88.1 – 92.0	Norite	3.9	TR			.15	.50	" " Cu .25% Ni .20%
12	" 7	93.7 – 98.7	Andesite	5.0	TR			.15	[illegible]	" " Cu .10% Ni .10%
13	" 8	98.7 – 99.7	Andesite	1.0						" " Cu .20% Ni .20%
	" 8	99.7 – 103.7	Norite	4.0	.40			.12	TR	

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	
DIP.	-45°
MAG. BEARING	S 81½° E
ASSUMED MAG. DECL'N	
LOCATION CLAIM NO.	19080
GEOLOGY BY	S. C. Hawkins
D.D.H. NO.	9-1
PAGE NO.	15
COMMENCED	June 6/55
FINISHED	June 18/55
MINE	
WORKING PLACE	ESN1/4 L35 Con 6

Sample No.	Date 1955	Distance from Collar	Formation	Width Feet	Assay Value Au.	Copper	Nickel	Remarks
34	June 8	103.7 – 109.6	Norite	5.9	TR	22	15	Estimate Cu = .20% Ni = .20%
35	" 8	117.5 – 122.5	Norite	5.0	TR	25	10	" Cu = .16% Ni = .15%
36	" 8	122.5 – 126.9	Norite	4.4	TR	35	17	" " Cu = .20% Ni = .20%
37	" 8	136.9 – 137.9	Norite	1.0	.10	45	14	" " Cu = .20% Ni = .20%
38	" 8	141.9 – 144.6	Norite	2.7	TR	52	27	" " Cu = .20% Ni = .20%
39	" 9	148.3 – 153.3	Norite	5.0	TR	35	21	" " Cu = .20% Ni = .25%
40	" 9	153.3 – 158.3	Norite	5.0	TR	40	34	" " Cu = .20% Ni = .25%
41	" 9	158.3 – 163.3	Norite	5.0	TR	18	23	" " Cu = .10% Ni = .10%
42	" 9	163.3 – 168.3	Norite	5.0	.130	15	Tr	" " Cu = trace Ni = trace
43	" 9	168.3 – 173.3	Norite	5.0	TR	20	11	" " Cu = .05% Ni = .05%
44	" 9	173.3 – 178.3	Norite	6.0	TR	10	07	" " Cu = trace Ni = trace

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

	FOOTAGE	DIP	MAG BEARING
			281½°E
ON +45°E			
AST		ASSUMED MAG. BEARING	

LOCATION
CLAIM NO. _____
_____
_____
GEOLOGY BY _____

D. D. H. NO. C-8 PAGE NO. 16
COMMENCED June 10/55
FINISHED June 15/55
MINE _____
WORKING PLACE Tsing 1055 Level

FROM FEET	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Au oz.	Copper	Nickel	REMARKS
145	June 9	178.3	Norite					Estimate Cu = trace Ni = trace
		183.3		5.0	TR	.06	TR	
146	" 9	193.3	Norite					" " Cu = trace Ni = trace
		198.3		5.0	TR	.07	.10	
147	" 9	188.3	Norite					" " Cu = trace Ni = trace
		193.3		5.0	TR	.07	TR	
148	" 9	198.3	Norite					" " Cu = trace Ni = trace
		198.3		5.0	TR	.05	TR	
		198.3	Norite					" " Cu = .20% Ni = .20%
149	" 9	203.3		5.0	TR	.27	.26	
150	" 9	203.3	Norite					" " Cu = .40% Ni = .35%
		208.3		5.0	TR	.40	.39	
151	" 9	208.3	Norite					" " Cu = .40% Ni = .35%
		213.3		5.0	TR	.47	.39	
152	" 9	213.3	Norite					" " Cu = .20% Ni = .20%
		215.5		2.2	TR	.35	.26	
153	" 9	218.0	Norite					" " Cu = .30% Ni = .30%
		223.0		5.0	TR	.40	.32	
154	" 9	223.0	Norite					" " Cu = .15% Ni = .15%
		228.0		5.0	TR	.25	.19	
155	" 9	228.0	Norite					" " Cu = .30% Ni = .30%
		231.0		3.0	TR	.20	.14	

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

Mag. Bearing: S8½°E | Claim No. 19080 | D.D.H. No. C-1 | Page No. 17
Commenced: June 6/55 | Finished: June 15/55 | Logged by: S. A. Hawkins | Working Place: [illegible]

Sample Number	Date 1955	Distance from Collar	Formation	Width Feet	Assay Value Au		Copper	Nickel		Remarks
	June 9	233.0	Norite							Estimate Cu - .30 Ni - .30
156		237.0		1.9	TR		.17	.20		
	9	233.3	Norite							
		238.0		2.7						
157	9	238.0	Norite							Cu - .30 Ni - .30
		243.0		5.0	TR		.27	.25		
158	9	243.0	Norite							Cu - .30 Ni - .30
		245.7		2.7	TR		.40	.21		198.3 - 269.7 = 71.4'
159	9	247.7	Norite							Cu - .40 Ni - .40
		252.7		5.0	TR		.30	.24		+.26
160	9	252.7	Norite							
		257.7		5.0	TR		.27	.19		Cu - .35 Ni - .35
161	9	257.7	Norite							
		264.7		5.0	TR		.32	.26		" Cu - .50 Ni - .50
162	9	264.7	Norite							" Cu - .50 Ni - .50
		269.7		6.0	TR		.50	.42		
163	9	269.7	Norite							" Cu - .20 Ni - .20
		275.0		5.3	.10		.25	.21		
164	9	275.0	Norite							" Cu - .20 Ni - .20
		280.0		5.0	TR		.25	.23		
165	9	280.0	Norite	[illegible]	.10		.35	.36		" Cu - .20 Ni - .20

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

		FOOTAGE	DIP	MAG. BEARING
PTH				S81½°E
EAST				
ELEVATION				
DIP	= 45°E			
BEARING AST	ASSUMED MAG. DECLN			

LOCATION
CLAIM NO. 4080
GEOLOGY BY S B Hamilton

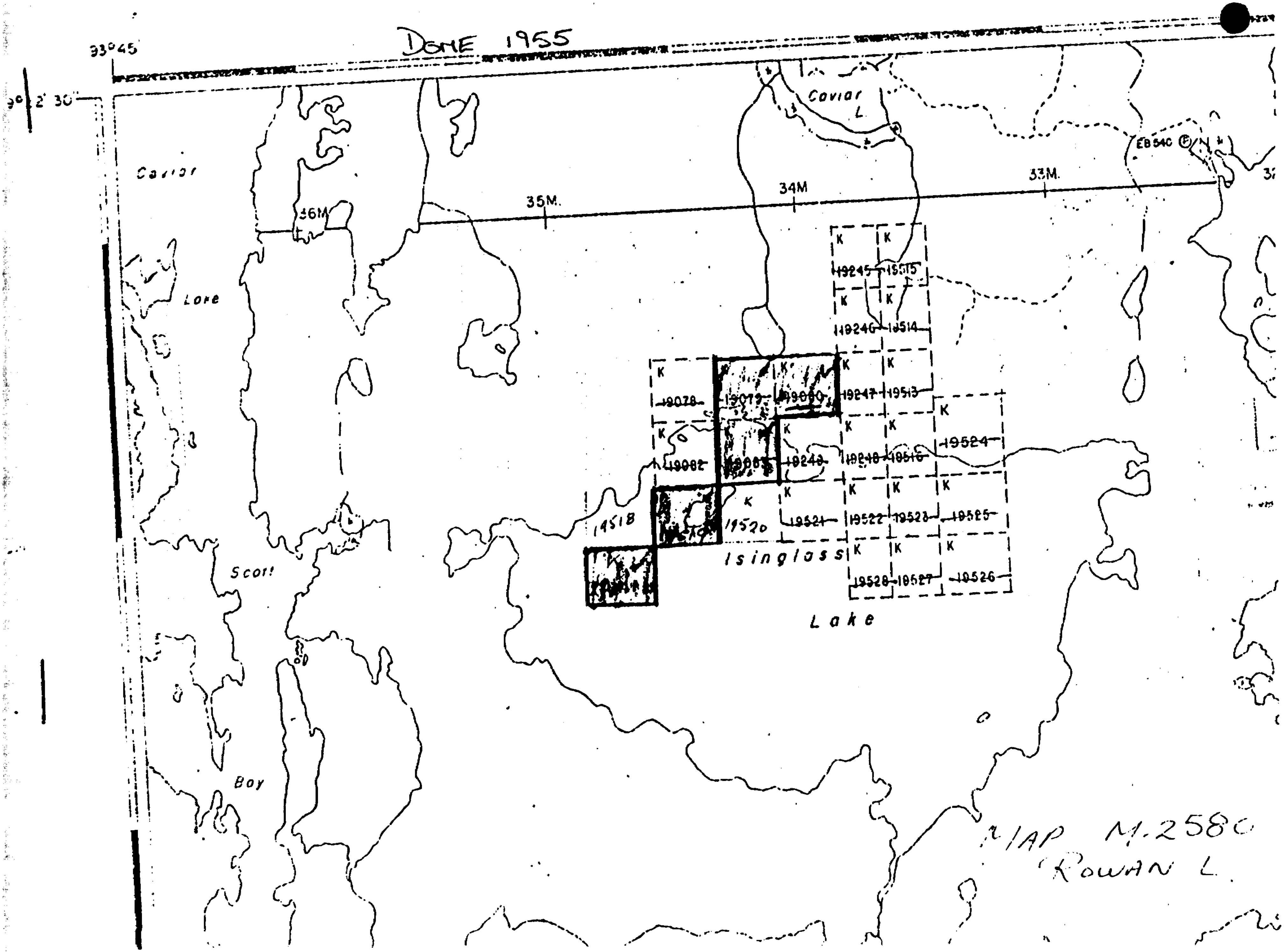
D. D. H. NO. [illegible] PAGE NO.
COMMENCED June 6/55
FINISHED June 15/55
MINE
WORKING PLACE Tulsequah

SAMPLE NUMBER	DATE '55	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OUNCES Au	Copper	Nickel	REMARKS
		255.0	Norite					Estimate Cu - .20 Ni - .15
6.66	June 9	288.0		30	.10	.05	.09	
	June 10	293.0	Andesite					
		290.0		20				
6.67	" 10	290.0	Andesite					" " Cu - .20 Ni - .15
		295.0		5.0	TR	.02	.12	
6.68	" 10	295.0	Andesite					" " Cu - .20 Ni - .15
		300.0		5.0	TR	.03	.08	

52.F/5 J-1

2

DOME 1955



52 F/5 SE J-1

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

Footage	Dip	Mag. Bearing
	-45	S 82 E

Assumed Mag. Decl'n

Location — Claim No. [illegible]

D.D.H. No. C-2 Page No. 1
Commenced June 11/55
Finished June 26/55
Mine
Geology by J. [illegible]
Working Place [illegible] Lake

Date	No.	Distance from Collar		Formation	Width Feet		Assay Value DWTS.		Copper	Nickel	Remarks
June	[illegible]	[illegible]		Overburden							Overburden
		[illegible]			8	0					
"	14	8	0	Feldspathic							This section is part of the intrusive,
		13	8	Norite ✓	5	8					[illegible] feldspar about 55% [illegible] chlorite
											matrix - rock is generally coarse grained
"	14	21	4	Andesite							Andesite is coarse grained in this section
		34	5		13	1					
"	16	27	5	Feldspathic							Part of main intrusive - coarse grained
		[illegible]	1	Norite ✓	30	6					
June	17	[illegible]	1	[illegible]							This fine Norite contains roughly 50%
		85	9	Feldspathic Norite	27	8					feldspar.
"	17	85	9	Coarse grained							Contains some olivine fragments & crystals
		100	6	Feldspathic Norite	14	7					of feldspar - this section shows very fine
											mineralization chiefly pyrite
"	17	100	6	Feldspathic							
		103	4	Norite - fine grain	2	8					-
"	17	103	4	Feldspathic							Mixture of fine & coarse grained feldspathic
		120	0	Norite ✓	16	6					Norite
"	18	120	0	Norite ✓							Norite varies between coarse & fine
		275	0		155	0					grained phase.
"	20	275	0	Norite ✓							As above
		302	5		27	5					
"	22	302	5	Andesite							Rock heterogeneous - mainly andesitic
		303	9		1	4					containing veinlets of olivine & secondary quartz.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

SE

FOOTAGE: | DIP: -45 | MAG. BEARING: S11½°E

ASSUMED MAG. DECL'N:

LOCATION / CLAIM NO. 19080

GEOLOGY BY S. Hawk[illegible]

D.D.H. NO. C-2 PAGE NO. 8

COMMENCED June 16/55

FINISHED June 26/55

MINE

WORKING PLACE [illegible] Lake

DATE 1955		DISTANCE FROM COLLAR		FORMATION	WIDTH FEET		ASSAY VALUE DWTS.	Copper	Nickel	REMARKS
June	20	303	9	Norite						Norite
		322	1		18	2				
"	20	322	1	Andesite						heterogeneous rock mainly andesite containing
		323	4		1	3				[illegible] probably epidote.
June	20	323	4	Norite Breccia						norite
		325	8		2	4				
"	20	[illegible]	[illegible]	[illegible]						heterogeneous rock mainly andesite
		[illegible]	3		1	7				
"	20	327	5	Norite						Norite
		330	[illegible]		2	5				
"	20	[illegible]	[illegible]	Norite						oxidized norite with mostly secondary
		[illegible]	7		3	7				[illegible] probably epidote
"	20	333	7	Feldspathic						feldspar present in norite — coarse grained
		343	1	norite	9	4				[illegible]
"	20	[illegible]	1	feldspathic						as above
		346	1	norite	3	0				
"	20	346	1	norite	3	1				
		349	2							
"	20	349	2	Andesite						Andesite mainly - with norite phases
		352	7		4	5				
"	20	353	7	Feldspathic	1	4				Feldspathic norite
		355	6	norite						

ONT. DEPT. OF MINES
Resident Geologist, Kenora, Ont.

150

	FOOTAGE	DIP	MAG. BEARING
		-45°	S41½E

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. C. Hawkins
D.D.H. NO. 2-[illegible] PAGE NO. 9
COMMENCED June 11/55
FINISHED June 21/55
MINE
WORKING PLACE Isinglass Lake

DATE 1955		DISTANCE FROM COLLAR		FORMATION	WIDTH FEET		ASSAY VALUE DWTS.			Copper	Nickel		REMARKS
June	20	355	0	Norite									Norite
		364	8		9	2							
"	20	364	8	Feldspathic Norite									Feldspathic Norite
		370	3		5	5							
"	21	370	3	Norite									Norite
		386	0		15	7							
"	21	[illegible]	[illegible]	Andesite									Andesite
		387	6		1	6							
"	21	[illegible]	6	Norite									Norite
		[illegible]	4		1	8							
"	21	[illegible]	4	Andesite									Andesite
		389	8			4							
"	21	389	8	Norite									Norite
		[illegible]	[illegible]		7	[illegible]							
"	21	[illegible]	[illegible]	Andesite									Andesite
		[illegible]44	3			3							
"	21	[illegible]	3	Norite									Norite
		[illegible]	2		4	9							
"	21	[illegible]	2	Coarse grained Andesite	2	[illegible]							Coarse grained Andesite
		[illegible]	2										
"	21	401	2	Norite									Norite
		410	5		9	3							

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

45°

FOOTAGE: | DIP: [illegible] | MAG. BEARING: S 71½° E | ASSUMED MAG. DECL'N:

LOCATION — CLAIM NO. 19080

GEOLOGY BY S.H. Hawkins

D.D.H. NO. A-2 | PAGE NO. [illegible]
COMMENCED June [illegible]
FINISHED June 26/[illegible]
MINE:
WORKING PLACE: [illegible]

Sample No.	Date	Distance From / To	Formation	Width Feet	Assay Value Au		Copper	Nickel	Remarks
	June 21	[illegible] / [illegible]	[illegible]	2 1					[illegible]
	" 21	[illegible] / 421	[illegible]	24 7					[illegible]
	" 21	42[illegible] / 44[illegible]	[illegible]	2 0					[illegible]
	" [illegible]	44[illegible] / 465	[illegible]	25 0					
	" [illegible]	[illegible] / 466 3	Norite	1 ½					Feldspathic norite phase. Feldspar about 50%
	" 22	46[illegible] / 472 6	[illegible]	6 3					Andesite Norite
	" 22	47[illegible] / 4[illegible] 1	[illegible]	4 5					Andesite
	[illegible]	[illegible] / [illegible]4	Norite	7 3					Norite
	" [illegible]	48[illegible] / 50[illegible]	Norite	5 6					Norite
64	" 22	500 [illegible] / 505 2	Norite	5 0	Tr		.10	Tr	estimate: Cu = .15% Ni = .10%
70	" "	505 0 / 510 0	Norite	5 0	.40		.07	Tr	estimate Cu = .15% Ni = .10%

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

Footage	Dip	Mag. Bearing
	-45°	S 51° E

-45° E

Assumed Mag. Decl'n

Claim No. 19080

D. D. H. No. C-2 — Page No. [illegible]

Commenced: June [illegible]/55

Finished: June [illegible]/55

Geology by: [illegible]

Working Place: Isinglass Lake

Sample No.	Date '55	Distance from Collar	Formation	Width Feet	Assay Value Au.	Copper	Nickel	Remarks
21	June 22	510.0 – 515.0	Norite	5.0	.10	.10	.12	Estimated: Cu. .15% Ni. = .10%
22	" 22	515.0 – 520.0	Norite	5.0	Tr.	.12	.11	Estimate: Cu. = .15% Ni. = .10%
23	" 22	520.0 – 525.0	Norite	5.0	Tr.	.10	.09	Estimate: Cu = .15% Ni = .10%
	" 22	525.0 – [illegible]	Norite	11.0				Norite
	" 22	536.0 – 544.2	Chloritic Rock	8.2				Chloritic rock - quite soft hardness about
	" 22	544.2 – 555.5	Andesite	11.3				Andesite
	" 23	555.5 – 580.1	Norite	24.6				Norite
	" 23	580.1 – 582.0	Andesite	1.9				Andesite
	" 23	582.0 – [illegible]	Norite	7.0				Fine grained Norite phase
	" 24	623.0 – 644.7	Norite	21.7				Fine grained Norite
	" 24	644.7 – 762.6	Norite	117.9				Coarse grained

	FOOTAGE	DIP	MAG. BEARING
		-45°	S 61½° E

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG
AND
SAMPLE RECORD

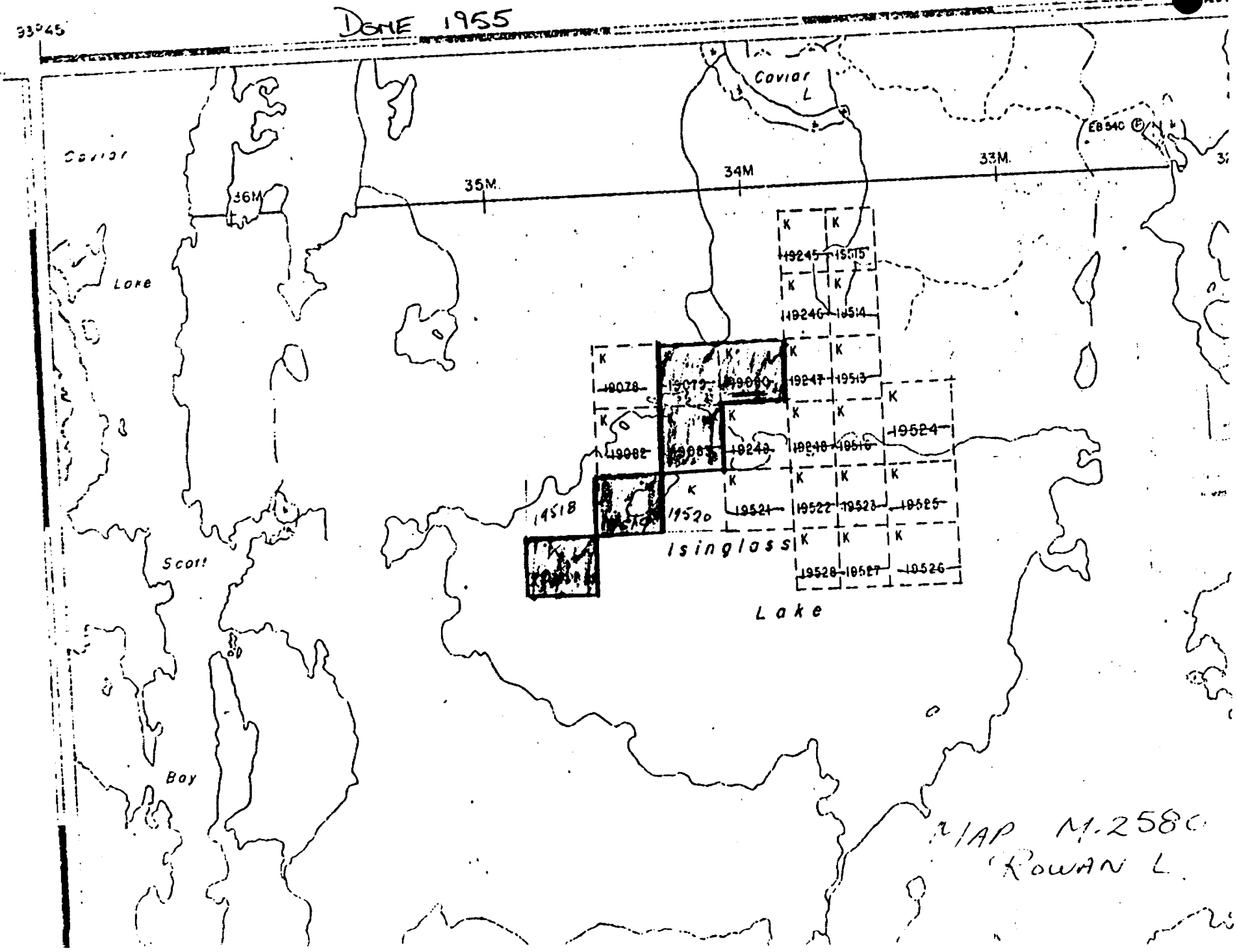
LOCATION f
CLAIM NO. 4080
GEOLOGY BY S. G. Hawkins

D. D. H. NO. _____ PAGE NO. 12
COMMENCED June 16/55
FINISHED _____
MINE Tonalite
WORKING PLACE Tunglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS Au		Copper	Nickel	REMARKS
June 24	712 6	Core already broken up	1 0					Norite
June 25	712 6	Norite	26 4					Norite - Bit was lodged in hole when small footage this day.
June 28	940 0	Norite	60 0					
	900 0							

52.F/5 E J-1

E-3



MAP M.2580
ROWAN L.

52 F/5 SE J-1

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE: | DIP: 90° | MAG. BEARING: | ASSUMED MAG. DECL'N:

LOCATION — CLAIM NO. [illegible]

GEOLOGY BY: S. E. [illegible]

D. D. H. NO. C-3 | PAGE NO. 1? | COMMENCED: June 27 | FINISHED: | MINE: | WORKING PLACE: [illegible] Lake

DATE '55	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUES Au		Copper	Nickel		REMARKS
June 27	0 0 – 14 0	Overburden	14 0						Overburden
28	14 0 – 22 0	Norite	9 0						Feldspathic norite phase mineralized slightly with pyrite
28	23 0 – 24 3	Norite	1 3						Fine grained norite
28	24 3 – 42 6	Norite	[illegible]						Mainly a fine grained feldspathic norite [illegible] mixed angular jointing throughout [illegible] hematite stain accounts for slight pink colour of core (slight amount of specular hematite)
28	42 6 – 44 4	Norite	.8						Breccia of coarse grained feldspathic phase of norite
28	44 4 – 56 7	Norite	12 3						Generally a coarse grained feldspathic norite phase with some mineral (pyrite)
28	56 7 – 57 1	Norite	.4						Norite fine grained
28	57 1 – 57 6	Norite	.5						Coarse grained feldspathic norite
28	57 6 – 63 6	Norite	6 0						Fine grained feldspathic norite [illegible] pyrite mineralization
28	63 6 – 71 0	Norite	7 4						Feldspathic norite mixed jointing in fractures & pyrite in some sections

FOOTAGE | DIP 90° | MAG. BEARING | ASSUMED MAG. DECL.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. Hirschfield

D. D. H. NO. C-3 PAGE NO. 2
COMMENCED
FINISHED June 27
MINE
WORKING PLACE Ingessis Lake

DATE 1950	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS Au	Cu	Ni	REMARKS
June 28	81 0	Norite					
	85 8		4 8				Fine grained norite - a little pyrite mineral.
" 28	85 8	Norite					Broken core - fine grained norite
	86 7		9				
" 28	86 7	Norite					Fine grained norite
	94 2		7 5				
" 28	94 2	Norite					Fine grained feldspathic norite
	96 6		2 4				
" 28	96 6	Norite					Broken core
	97 1		1 5				
" 28	97 1	Norite					Varying phases of feldspathic norite both coarse & fine grained very little mineralization of any kind.
	150 7		5 3 6				
" 28	150 7	Norite					Broken core fine grained feldspathic norite
	152 1		1 4				
" 28	152 1	Norite					Fine grained feldspathic norite
	160 0		7 9				
" 28	160 0	Norite					Norite coarse grained.
	162 9		2 8				
" 28	162 8	Norite					Coarse grained feldspathic norite with pyrite mineral
	180 3		17 5				
" 28	180 3	Norite					Norite coarse grained.
	191 6		11 3				

ONT. DEPT. OF MINES
Resident Geologist Cobalt, Ont.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG. BEARING
	90°	

ASSUMED MAG. DECL'N ______

LOCATION
CLAIM NO. 19030
GEOLOGY BY S.B. [illegible]

D.D.H. NO. C-3 PAGE NO. 2
COMMENCED June 27/55
FINISHED
MINE
WORKING PLACE Bayless Lake

DATE 1955	DISTANCE FROM	FORMATION	WIDTH FEET	ASSAY VALUE DWTS Au		Copper	Nickel		REMARKS
29	191.6 193.0	Norite	1.4						Feldspathic norite - fine grained
29	193.0 202.6	Norite	9.6						Norite
29	202.6 204.0	Norite	1.4						Probably a norite basically - large pyrite grains present together with feldspar - pyrite mineralization is heavy.
29	204.0 221.0	Norite	17.0						Norite - varying phases between feldspathic norite, coarse & fine grained, and fine norite (fine norite has no feldspar)
29	221.0 252.8	Norite	31.8						Generally a coarse grained feldspathic norite with pyrite mineralization
29	252.8 253.2	Norite	.4						Broken core
29	253.2 273.1	Norite	14.9						Generally coarse grained feldspathic norite with some pyrite
29	273.1 273.7	Norite	.6						Broken core
29	273.7 288.9	Norite	15.2						Coarse grained feldspathic norite with pyrite mineral.
29	288.9 290.0	Norite	1.1						Broken core.

FOOTAGE | DIP 90° | MAG BEARING

60°

ASSUMED MAG. DECLIN.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION — CLAIM NO. 19010

D.D.H. NO. [illegible]-3 — PAGE NO. 32

COMMENCED June 29

FINISHED

MINE

GEOLOGY BY S. Hawkins — WORKING PLACE Isinglass Lake

[illegible] 35	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE UNITS		Copper	Nickel		REMARKS
June 29	24[illegible] – 320.0	Norite	40.0						A coarse grained feldspathic norite with pyrite mineralization.
June 30	320.0 – 355.4	Norite	25.4						A coarse grained norite approaching what might be called a schisty norite – fracture planes or schistosity planes are [illegible] (parallel to length of core) pyrite
" 30	355.4 – 363.0	Norite	7.6						– norite with some pyrite & chalcopyrite
" 30	363.0 – 364.0	Norite	1.0						Broken core
" 30	364.0 – 374.0	Norite	10.0						Norite with chalcopyrite & some pyrite mineralization is not heavy.
" 30	374.0 – 400.0	Norite	26.0						See page 38.
4 July 1	400.0 – 405.0	Norite	5.0						Norite fine grained Estimate Cu .10, " Ni .10
15 " 1	405.0 – 410.0	Norite	5.0			.52	.10		Estimate Cu .50%, Ni .50%
6 " 1	410.0 – 415.0	Norite	5.0			.32	.16		" Cu .30%, Ni .30%
77 " 1	415.0 – 420.0	Norite	5.0			.26	.15		" Cu .30%, Ni .30%
9 " 1	420.0 – 425.0	Norite	5.0			.31	.07		Cu .40%, Ni .20%

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

Dip: 40°
[illegible]: 900
Assumed Mag. Decl'n: —
Location — Claim No.: 19080
D.D.H. No.: Q-3
Page No.: [illegible]
Commenced: June 27/55
Finished: July 2/55
Mine: —
Working Place: [illegible]
Geology by: S. Hawkins

Sample Number	Date 1955		Distance From Collar (From)	Distance From Collar (To)	Formation	Width Feet	Assay Value	Copper	Nickel	Remarks
79	July	1	425.0	430	Norite	5.0				Estimated Cu – .50 %; Ni – .50 %
80	"	1	430.0	435.0	Norite	5.0				" " Cu – .20 %; Ni – .20 %
81	"	1	435.0	440.0	Norite	5.0				" " Cu – .20 %; Ni – .20 %
82	"	1	440.0	445.0	Norite	5.0				" " Cu – .20 %; Ni – .20 %
83	"	1	445.0	450.0	Norite	5.0				" " Cu – .30 %; Ni – .50 %
84	"	1	450.0	455.0	Norite	5.0				" " Cu – .60 %; Ni – .75 %
85	"	1	455.0	460.0	Norite	5.0				" " Cu – .50 %; Ni – .60 %
86	"	2	460.0	465.0	Norite	5.0				" " Cu – .50 %; Ni – .60 %
87	"	2	465.0	470.0	Norite	5.0				" " Cu – .50 %; Ni – .50 %
88	"	2	470.0	475.0	Norite	5.0				" " Cu – .50 %; Ni – .50 %
139	"	2	475.0	480.0	Norite	5.0				" " Cu – .30 %; Ni – .30 %

25'

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE | DIP 90° | MAG. BEARING
90°
ASSUMED MAG. DECLN.

LOCATION
CLAIM NO. 29080
GEOLOGY BY S. G. Hawkins
D.D.H. NO. G-3 | PAGE NO. 24
COMMENCED June 27/55
FINISHED July 2/55
MINE
WORKING PLACE Isinglass Lake

SAMPLE NO.	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Ni%		Copper	Nickel		REMARKS
0	July 2	480.0 485.0	Norite	5.0						Estimate — Cu - .30% Ni - .30%
1	" 2	485.0 490.0	Norite	5.0						Estimate - Cu - .30% Ni - .30%
2	" 2	490.0 495.0	Norite	5.0						" " Cu - .30% Ni - .30%
13	" 2	495.0 500.0	Norite	5.0						" " Cu - .30% Ni - .30%
	" 2	[illegible] 521.0	Norite	5.0						[illegible] (coarse grained [illegible] [illegible] [illegible] no feldspar)

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG
AND
SAMPLE RECORD

BEARING	FOOTAGE	DIP	MAG. BEARING
ELEVATION			
CASING LEFT	ASSUMED MAG. DECLN.		

LOCATION
CLAIM NO. 14020
GEOLOGY BY J. Hawkins

D. D. H. NO. A-3 PAGE NO. 28
COMMENCED June 27/58
FINISHED July 2/58
MINE
WORKING PLACE Esquerre Lake

SAMPLE NUMBER	FROM 1958	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Au oz.		Copper	Nickel		REMARKS
	From	275.0								
4026	"	350.0	Norite	5'0						est. make up Cu - .75% Ni - .20%
4027	"	355.0	Norite	5'0						" " Cu - .75% Ni - .20%
4028	"	360.0	Norite	5'0						" " Cu - .75% Ni - .20%
4029	"	295.0	Norite	4'0						" " Cu - .40% Ni - .20%
4030	"	400.0	Norite	5'0						" " Cu - .30% Ni - .15%

(Duplicate)

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG. BEARING
	-90°	

ASSUMED MAG. DECL'N

LOCATION — CLAIM NO. 19080
D. D. H. NO. #3 — PAGE NO. 47
COMMENCED Sept 10/55
FINISHED Sept 28/55
MINE
GEOLOGY BY S. G. Hawkins
WORKING PLACE Isinglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS		Copper	Nickel		REMARKS
9/22	76[illegible]								
" "	779.0	Norite	16.0						contains a little chalco + pyrrhotite about average .05 in nickel + .05 in Cu.
" "	780.0	Broken core	1.0						
" "	795.0	Norite	15.0						A fine grained norite
" 23	800.8	Norite	5.8						fine grained
" "	815.0	Norite	14.2						A coarse grained Norite
" "	815.8	Broken core	.8						
" "	816.8	lost core	1.0						
" "	829.6	Norite	12.8						coarse grained
" "	830.0	Broken core	.4						
" "	836.5	Norite	6.5						coarse grained
" 24	877.7	Norite	41.2						fine grained & spotted with feldspar.
" 25	880.0	Broken core	2.3						
" "	882.0	Norite	2.0						fine grained
" "	883.0	Broken core	1.0						
" "	883.4	Norite	.4						fine grained
" "	885.0	Broken core	1.6						
" "	887.0	lost core	2.0						
" "	896.5	Norite	9.5						Norite - fine grained
" "	897.5	lost core	1.0						
" "	905.0	Norite	7.5						fine grained & spotted with feldspar.
" "	906.0	lost core	1.0						
" "	915.0	Norite	9.0						fine grained
" "	916.0	lost core	1.0						
" 26	925.5	Norite	9.5						fine grained
" "	926.3	Broken core	.8						
" "	941.1	Norite	14.8						
" "	942.2	Broken core	1.0						
" "	944.2	lost core	2.0						
" "	960.0	Norite	15.8						Norite - chlorite little veinlets of quartz & a little pyrite
" 27	970.6	Norite	10.6						as above
" "	971.3	Broken core	.7						

FOOTAGE	DIP	MAG. BEARING
	-90°	

ASSUMED MAG. BEARING N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 14080

D. D. H. NO. C-2 PAGE NO. 4 of 7
COMMENCED Sept. 10/55
FINISHED Sept 21/55
MINE
GEOLOGY BY S. Hawkins WORKING PLACE Isaac Lake

DATE 1955	FOOTAGE FROM COLLAR	FORMATION	WIDTH FEET	WIDTH INCHES	ASSAY VALUE UNITS		Copper	Nickel	REMARKS
Sept 10	531								
	558	Norite	27	3					
" 12	578	Fine grained Norite	19	7					
" 12	627	Fine grained Norite	47	4					
" 13	648	Coarse grained Norite	"	3					
" 14	654	Feldspathic "	"	8					
" "	675	Fine grained Norite	20	5					
" "	676	Broken core		1					
" "	681	Coarse grained Norite	4	5					
Sept 17	687	Broken core		11					
" "	687	Norite	6	1					
" "	687	Broken core		3					
" "	690	Norite	2	3					
" "	691	Broken core	1	3					
" "	702	Norite	11	5					
" "	703	Broken core		4					
" "	706	Norite	3	3					
" 20	707	Broken core		4					
" "	710	Norite	3	5					
" "	711	Broken core	1	2					
" "	716	Norite	4	5					A little pyrite
" "	717	Lost core	1	0					
" "	718	Broken core	1	3					
" "	721	Norite	2	5					
" "	722	Broken core	1	6					
" "	727	Norite	5	3					A little pyrite - quite a bit of chlorite
" "	728	Broken core		7					
" "	730	Lost core	2	0					
Sept 21	738	Feldspathic Norite	7	6					
" "	741	Lost core	1	4					
" "	752	Norite	11	0					
" "	763	Norite (rolls)							Alternating phases of feldspathic & coarse grained norite

CHT. DEPT. OF MINES
Resident Geologist, Kenora Ont.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE | DIP | MAG. BEARING
90° | -90° | ASSUMED MAG. DECL'N

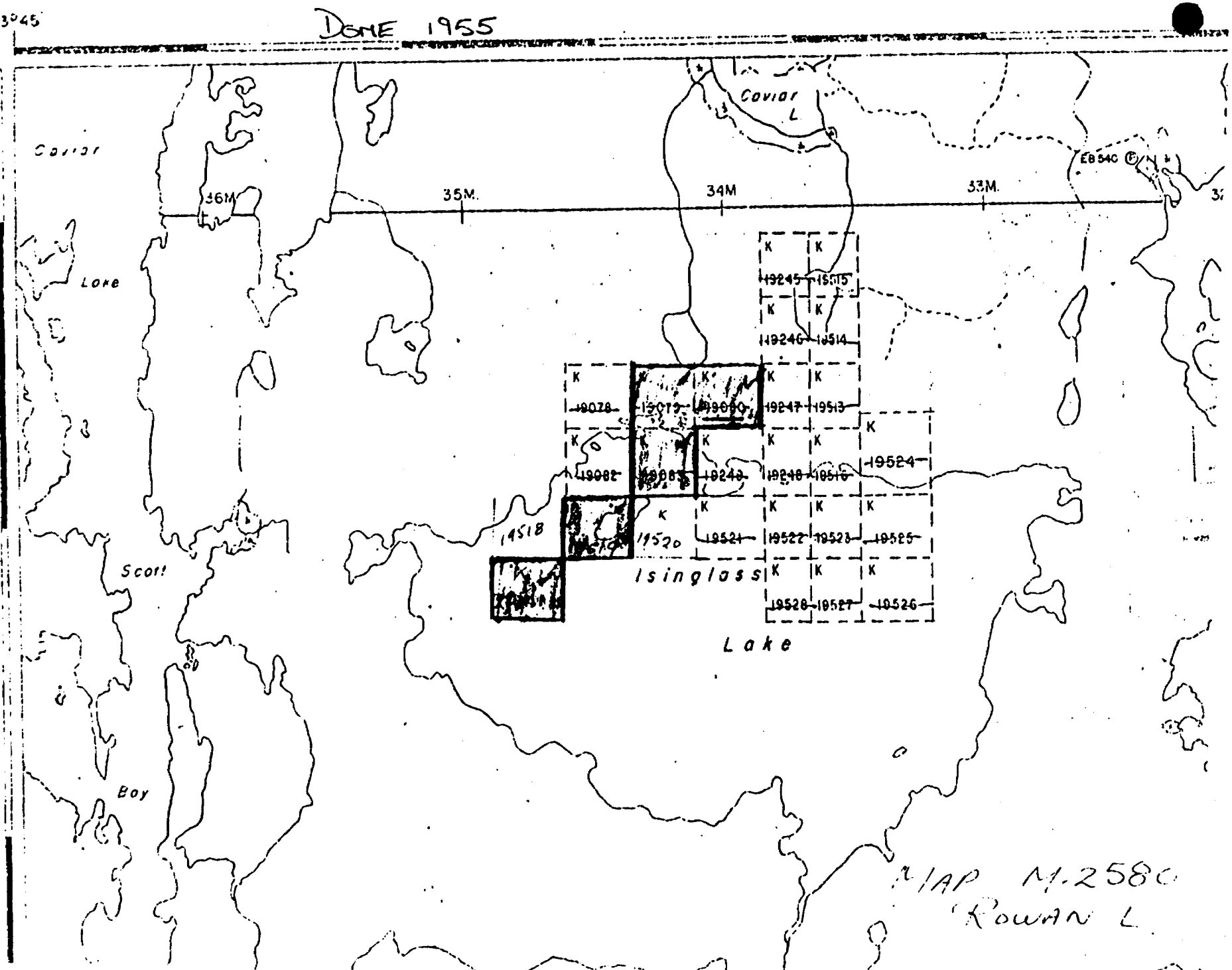
LOCATION
CLAIM NO. 19080
GEOLOGY BY J. G. Hawkins

D. D. H. NO. #3 PAGE NO. 48
COMMENCED Sept. 10/55
FINISHED Sept. 28/55
MINE
WORKING PLACE Isinglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS					REMARKS
Sept 27	971.3								
" "	979.2	Norite	7.9						Fine grained
" "	980.0	Broken core	.8						
" "	981.0	Lost core	1.0						
" "	991.5	Norite	11.5						A coarser grained variety of norite with considerable chlorite + more feldspar than in normal norite

52 F/5 SE J-1

C-4



MAP M-2580
Rowan L.

52F/5 SE J-1

FOOTAGE | DIP: 90° | MAG. BEARING | ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 7050
GEOLOGY BY S. Hamilton

D. D. H. NO. C-4 PAGE NO. 25
COMMENCED
FINISHED
MINE
WORKING PLACE Tsaybiss Lake

FROM	TO	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Oz	Copper	Zinc Nickel	REMARKS
Surface		0.0						
		12.0	Overburden	12.0				
5		12.0	Norite					Norite of the feldspathic variety coarse & fine grained - little mineralization
		69.1		57.1				
5		69.1	Diabase					
		73.6		4.5				
5		73.6	Norite					Fine grained feldspathic norite.
		76.2		2.6				
5		76.2	Diabase					
		78.8		2.6				
5		78.8	Norite					Coarse grained feldspathic norite
		123.6						
6		123.6	Norite					Feldspathic & fine grained
		129.3		5.7				
6		129.3	Diabase					Coarse grained feldspathic phase
		211.7		82.4				
6		211.7	Norite					Norite - fine grained
		224.4		12.7				
6		224.4	Norite					Feldspathic norite coarse & fine grained phase
		250.0		25.6				
7		250.0	Norite					Feldspathic norite coarse & fine grained
		442.5		52.5				

FOOTAGE	DIP	MAG. BEARING
	-90°	

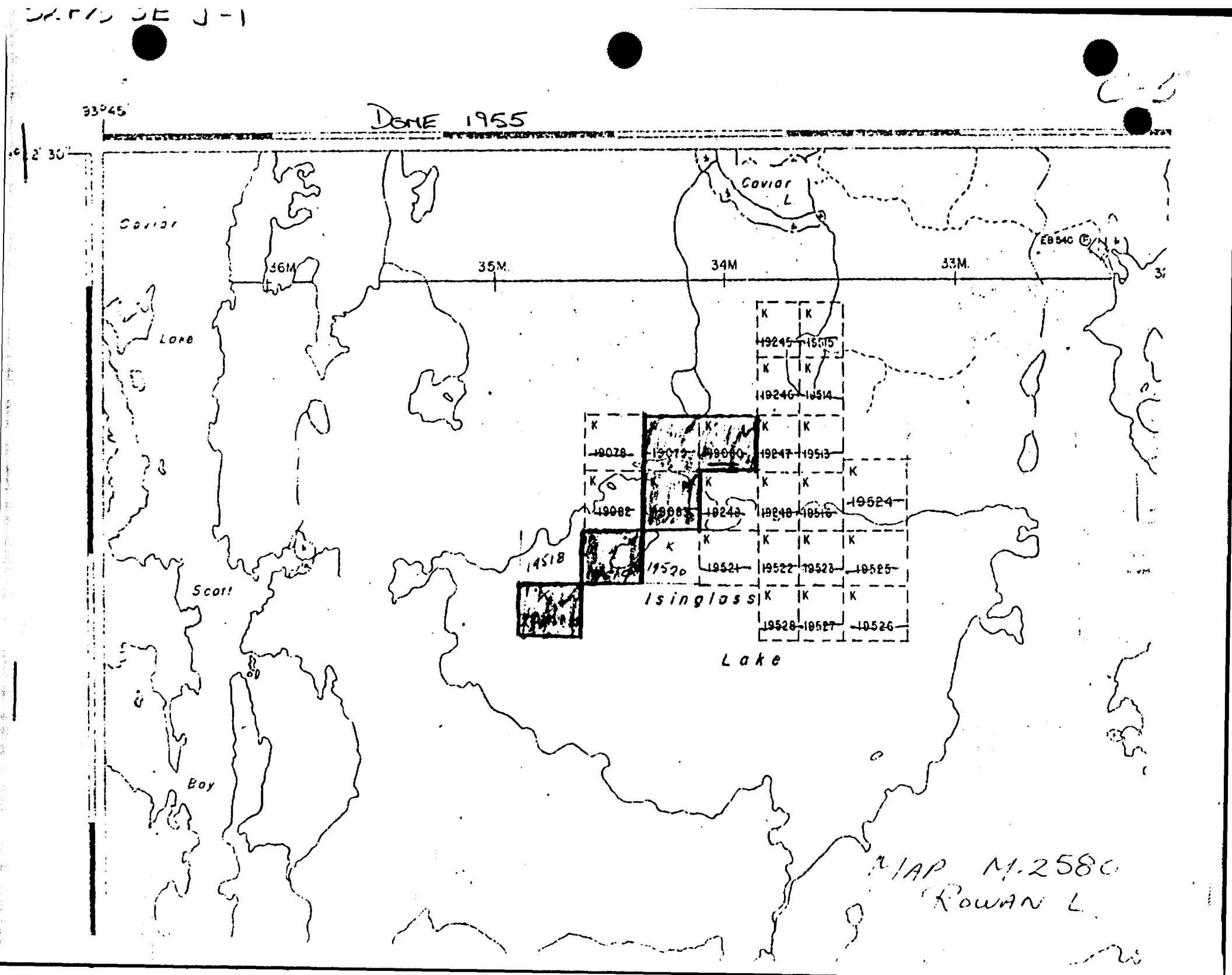
ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 1980
GEOLOGY BY S. Hawkins

D. D. H. NO. 4 - 4 PAGE NO. 26
COMMENCED ~~June 28th~~ July 4th
FINISHED July 4th 65
MINE
WORKING PLACE Isinglass Lake

DATE 1965		DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Au OUNCES		Copper	Nickel	REMARKS
July 4		302 5	Norite						Norite of fine grained variety
		305 0		2 5					
"	7	305 0	Norite						Feldspathic norite
		313 5		8 5					
"	7	313 5	Norite						Norite - fine grained
		321 2		7 7					
"	7	321 2	Norite						True norite
		360 1		23 9					
"	8	361 8	Norite						Mainly fine norite - has phases of feldspathic & fine grained norite
		425 8		39 0					
"	8	425 8	Norite						Feldspathic norite - about 50% feldspar
		429 1		3 3					
"	8	429 1	True Norite						True norite
		426 7							
"	8	426 7	Norite						Norite fine grained
		430 0							
		430	= end of hole						


DOME 1955
33°45'
2° 30'
Covior
Covior L
36M
35M.
34M
33M.
Lake
Scott
Boy
Isinglass
Lake
14518
19520
19521
19522
19523
19525
19526
19527
19528
19524
19513
19514
19515
MAP M.2580
ROWAN L.

52 F/5 SE - J-1

FOOTAGE	DIP	MAG. BEARING
	90	

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. Q880
GEOLOGY BY S. Hawkins

D. D. H. NO. C-5 PAGE NO. 7
COMMENCED July 11/55
FINISHED July 16/55
MINE
WORKING PLACE Tenaghess Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OWTS. AU.		Copper	Nickel	REMARKS
July 11	0 0	Overburden						Over burden
	2 0		12 0					
July 12	20	Andesite						Andesite - has no mineral zones
	60 3		40 3					
" "	60 3	Diorite						contains seams filled with hematite stain - probably contains quartz and calcite
	62 4		1 1					
" "	62 4	Broken Core						- as above - hematite etc.
	65 7	(Norite)	3 3					
" "	65 7	Norite						seams filled with hematite stain
	70 0		4 3					
" "	70 0	Norite						Broken core
	71 5		1 5					
" "	75 4	Norite						Basically norite - hematite stain in seams *
	76 7		1 7					
" "	76 7	Norite						Norite fine grained - some pyrite *
	91 7		15 0					siliceous in seams.
" "	91 7	Norite						Broken core
	93 2		1 5					
" "	93 2	Norite						Norite fine grained
	106 4		13 2					
13	106 4	Norite						Norite contains good deal of calcite hematite stain.
	107 7		1 3					

FOOTAGE	DIP	MAG. BEARING
	-40°	

ASSUMED MAG. DECLN

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY S. Hawkins

D. D. H. NO. C-5 PAGE NO. 28
COMMENCED July 11/55
FINISHED July 16/55
MINE
WORKING PLACE Bunghess Lake

55	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE UNITS Au		Copper	Nickel		REMARKS
B	107 7	Norite	11 ..						Broken Core
	118 4		11						
	104 1	Norite							Norite contains many seams with
"	111 1		2 0						hematite in seams
"	111 1	Norite							Broken core
	125 0		13 9						
"	125 0	Norite							Basically Norite - most contains small
	140 5		15 0						holes where mineral has been dissolved
									out. - pyrite in this section
"	140 0	Norite							
	142 4								Broken Core
"	142 4	Norite							Norite contains many seams - hematite
	146 0		3 6						in seams
"	146 0	Norite							True norite
	152 1		6 1						
"	152 1	Norite							Broken core
	153 6		1 5						
"	152 6	Norite							True norite
	167 6		4 0						
"	157 6	Norite							Norite fine grained
	162 4								

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

	FOOTAGE	DIP	MAG. BEARING
ASSUMED MAG. DECL'N			

LOCATION
CLAIM NO. 19820
GEOLOGY BY S. Hamilton

D. D. H. NO. 8-5 PAGE NO. 4
COMMENCED July 11/55
FINISHED July 16/55
MINE
WORKING PLACE Esinglass Lake

HOLE NUMBER	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE UNITS Au		Copper	Nickel	REMARKS
	July	13 162 ft	Norite						
		165 0		2 6					
194	"	13 165 0	Norite						estimate Cu - .15% Ni - .15%
		170 0		5 0			.19	.25	
195	"	13 170 0	Norite						" " Cu - .10% Ni - .10%
		175 0		5 0			.06	.18	
196	"	13 175 0	Norite						" " Cu - .10% Ni - .10%
		180 0		5 0			.16	.24	
197	"	14 180 0	Norite						" " Cu - .10% Ni - .10%
		185 0		5 0			.12	.17	
198	"	14 185 0	Norite						" " Cu - .10% Ni - .10%
		190 0		5 0			.12	.15	
199	"	14 190 0	Norite						" " Cu - .10% Ni - .10%
		195 0		5 0			.12	.19	
200	"	14 195 0	Norite						" " Cu - .05% Ni - .10%
		200 0		5 0			.06	.15	
4001	"	14 200 0	Norite						" " Cu - .10% Ni - .10%
		205 0		5 0			.06	.05	
4002	"	14 205 0	Norite						" " Cu - .10% Ni - .10%
		210 0		5 0			.16	.13	
4003	"	14 210 0	Norite						" " Cu - .10% Ni - .10%
		215 0		5 0			.10	.17	

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG. BEARING

ASSUMED MAG. DECL'N

LOCATION
CLAIM NO. 19080
GEOLOGY BY J. Hamilton

D. D. H. NO. C - 6 PAGE NO.
COMMENCED July 11 1955
FINISHED July 16 1955
MINE
WORKING PLACE Tsuga Lake

SAMPLE NUMBER	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OUNCES Au	Copper	Nickel	REMARKS
004	July 14	215 0 220 6	Norite	5 0		Tr.	Tr.	estimate Cu - .10% Ni - .10%
005	" 14	220 0 225 0 23	Norite	5 0		Tr.	Tr.	" " Cu - .05% Ni - .05%
006	" 14	225 0 230 0	Norite	5 0		Tr.	Tr.	" " Cu - .05% Ni - .05%
007	" 14	230 0 235 0	Norite	5 0		Tr.	.03	" " Cu - .05% Ni - .05%
008	" 14	235 0 240 0	Norite	5 0		.06	Tr.	" " Cu - .10% Ni - .10%
009	" 14	240 0 245 0	Norite	5 0		.11	.25	" " Cu - .15% Ni - .15%
010	" 14	245 0 250 0	Norite	5 0		.06	Tr.	" " Cu - .05% Ni - .05%
011	" 14	250 0 255 0	Norite	5 0		Tr.	.06	" " Cu - .10% Ni - .10%
012	" 14	255 0 260 0	Norite	5 0		.16	.18	" " Cu - .10% Ni - .10%
013	" 14	260 0 265 0	Norite	5 0		.38	.60	" " Cu - .35% Ni - .45%
014	" 14	265 0 270 0	Norite	5 0		.32	.38	" " Cu - .25% Ni - .35%

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

DIP: -50°

LOCATION — CLAIM NO. 19080

GEOLOGY BY: S. Hawkins

D.D.H. NO. C-5 — PAGE NO. 21

COMMENCED: July 11/55

FINISHED: July 16/55

WORKING PLACE: Isaypass Lake

SAMPLE NUMBER	DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE		Copper	Nickel	REMARKS
4015	July 14	270.0 275.0	Norite	5.0			.04	.11	estimate Cu - .10% Ni - .10%
4016	" 14	275.0 280.0	Norite	5.0			.38	.72	" " Cu - .30% Ni - .30%
4017	" 15	280.0 285.0	Norite	5.0			.25	.12	" " Cu - .20% Ni - .20%
4018	" 15	285.0 290.0	Norite	5.0			.51	.30	" " Cu - .20% Ni - .30%
4019	" 15	290.0 295.0	Norite	5.0			.06	none	" " Cu - .10% (.20%) Ni - .18% (.30%)
4020	" 15	295.0 300.0	Norite	5.0			.06	.03	" " Cu - .10% Ni - .10
4021	" 15	300.0 305.0	Norite	5.0			.25	.88	" " Cu - .50% Ni - .80
4022	" 15	305.0 310.0	Norite	5.0			.58	1.06	Cu Ni 0.51 + 0.79 = 1.30% / 15' " " Cu - .50% Ni - 1.0
4023	" 15	310.0 315.0	Norite	5.0			1.02	.43	" " Cu - .40% Ni - .40
4024	" 15	315.0 320.0	Norite	5.0			.06	none	" " Cu - .05% Ni - .05
4025	" 15	320.0 325.0	Norite	5.0			Trace	none	" " Cu - .05% Ni - .0

FOOTAGE	DIP	MAG. BEARING

ASSUMED MAG. DECL. N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO.

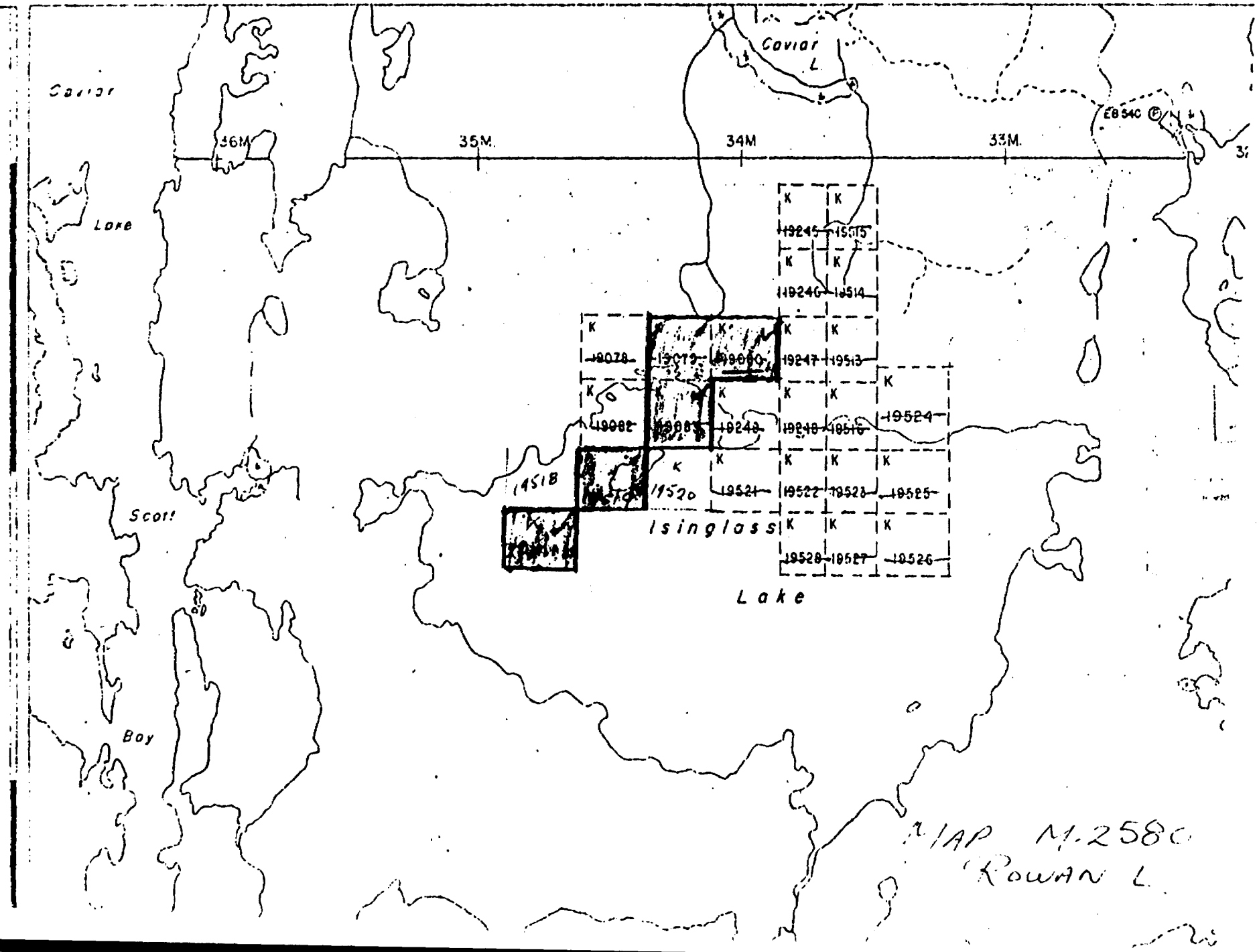
D. D. H. NO. Q-5 PAGE NO 32
COMMENCED July 11/55
FINISHED July 16/55
MINE
GEOLOGY BY J. C. Hawkins WORKING PLACE Isinglass Lake

DATE HOLE	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE UNITS Au		Copper	Nickel	REMARKS
July 15	325 0	Norite						Norite coarse grained little mineral.
	350 0		25 0					
" 15	350 0	Andesite						Some mineralization - mostly pyrite.
	400 0		50 0					
" 15	400 0	Andesite						25 above
	432 7		32 7					
" 16	432 7	Norite						Mostly norite with feldspathic phases little mineralization
	472 5		39 8					
	472 5	cored hole						

52 F/5 SE J-1

C-6

DOME 1955



MAP M.258C
ROWAN L.

52F/5 SE J-1

	FOOTAGE	DIP	MAG. BEARING
ASSUMED MAG. DECLN.			

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 10010
GEOLOGY BY J. Hawkins

D. D. H. NO. 0-6 PAGE NO. 1
COMMENCED July 18/55
FINISHED
MINE
WORKING PLACE Tsuga Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE LIMITS Au		Copper	Nickel	REMARKS
July 16	0 0	overburden						overburden
	12 0		12 0					
" 16	12 0	Andesite						Andesite - little mineralization
	23 6		11 6					
" 18	23 6	Norite						Fine grained variety of norite - a little mineral - (pyrite)
	87 0		63 6					
" 18	87 0	Norite						Broken core
	89 5		2 5					
" 18	89 5	Norite						Fine Norite - practically no mineralization
	110 0		20 5					
" 19	110 0	Norite						as above
	220 0		110 0					
" 20	220 0	Norite						
	330 0		110 0					

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

FOOTAGE	DIP	MAG. BEARING

ASSUMED MAG. DECL'N. ______

LOCATION
CLAIM NO. 4080
GEOLOGY BY S.C. Hawkins

D. D. H. NO. Q-6 PAGE NO. 4
COMMENCED July 18/55
FINISHED July 24/55
MINE
WORKING PLACE Isinglass Lake

DATE '55	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE Au		Copper	Nickel		REMARKS
July 21	330.0								
"	340.0	Norite	10.0						
"	341.0	Broken core	1.0						
"	346.7	Feldspathic Nor.	5.7						Norite of feldspathic variety
"	353.4	Norite	6.7						
"	354.1	Hematite	.5						
"	355.0	Norite	1.9						
"	357.0	Broken core	1.0						
"	385.2	Norite	28.3						
"	403.0	Gabbro	17.8						end of hole at 403'

	FOOTAGE	DIP	MAG. BEARING
ASSUMED MAG. DECL. N			

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

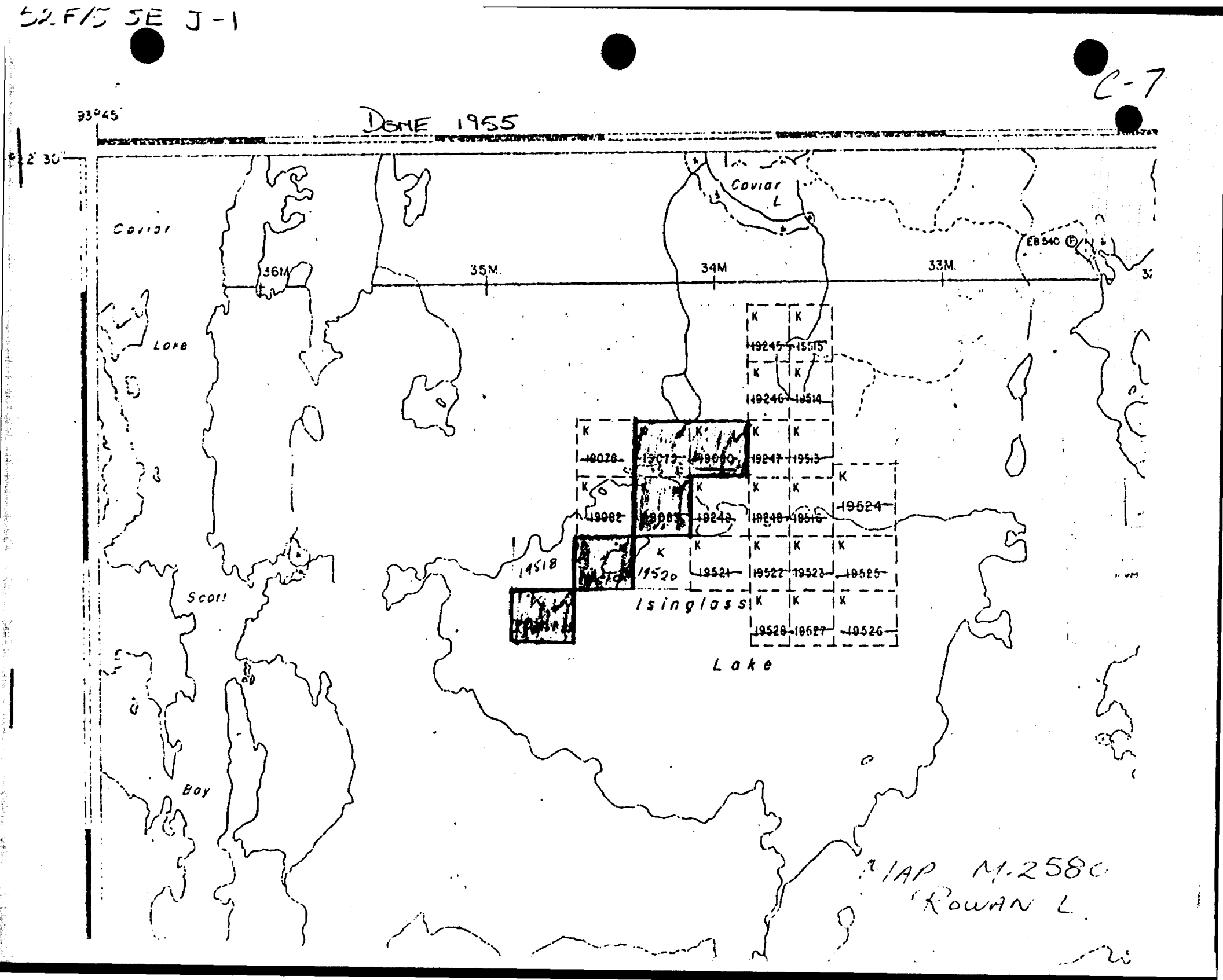
LOCATION
CLAIM NO. 14080
GEOLOGY BY

D. D. H. NO. C-R-5 PAGE NO. 37
COMMENCED July 18/55
FINISHED July 21/55
MINE
WORKING PLACE Jumpiss Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OZ.		Copper	Nickel		REMARKS
July 19	115 ft.								
	1200		5 ft.						estimate:- Cu. - .30% Ni - .05%

52 F/5 SE J-1

C-7



MAP M-258C
ROWAN L.

52 F/5 SE J-1

FOOTAGE | DIP | MAG. BEARING | ASSUMED MAG. DECLN.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO 190 80
GEOLOGY BY S. C. Hawkins

D. D. H. NO. C-1 PAGE NO 15
COMMENCED July 22/55
FINISHED
MINE
WORKING PLACE Tanglass Lake

DATE 1955	DEPTH FROM COLLAR	FORMATION	WIDTH FEET		ASSAY VALUE Cu%			Copper	Nickel		REMARKS
July 22	0	0									
	12	0	Casing	12	0						
" 22	13	3	Andesite	1	3						
" "	14	1	Broken zone		8						
" "	23	0	Andesite	8	9						
" "	25	0	Broken zone	2	0						
" "	31	5	Andesite	6	5						
" "	33	3	Broken zone	1	8						
" "	47	0	Andesite	13	7						A little chalcopyrite between 46'-45'
" "	47	8	Broken zone		8						
" "	115	9	Andesite	68	1						
" 23	116	6	Broken zone		7						
" "	124	1	Andesite	7	5						
" "	124	6	Broken zone		5						
" "	128	3	Andesite	3	7						
" "	132	1	Broken zone		4						
" "	133	7	Andesite	5	0						
" "	134	6	Broken zone		9						
" "	137	6	Andesite	3	0						
" "	140	7	Andesite	3	1						Appears to be intensely with considerable calcite
" "	142	2	Andesite	1	5						
" "	144	0	Andesite	1	8						Calcite present - feldspar altered to epidote
" "	146	4	Andesite	2	4						
" "	148	4	Andesite	2	0						Calcite present - feldspar altered to epidote
" "	158	5	Andesite	10	1						
" "	161	3	Diabase	2	8						
" "	161	7	Broken core		4						
" "	161	1	Diabase	4	4						
" "	166	1	Broken core		8						
" "	172	5	Diabase	5	6						
" "	177	0	Diabase	4	5						Specular Hematite + fine grained hematite
" "	181	3	Diabase	2	3						

FOOTAGE	DIP	MAG. BEARING

ASSUMED MAG. DECLN.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. 19080
GEOLOGY BY E.B. Knuckins

D. D. H. NO. 8-7 PAGE NO. 36
COMMENCED July 23 1/55
FINISHED
MINE
WORKING PLACE Sturgeon Lake

DATE '55	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE UNITS			Copper	Nickel		REMARKS
July 26	181.3									
	182.1	Broken Core	.8							
" "	192.6	Diabase	10.5							
" "	192.8	Broken Core	.5							
" "	198.1	Diabase	5.3							
" "	200.0	Diabase	1.9							Diabase with considerable hematite
" "	202.2	Diabase	2.2							
" "	204.5	Diabase	2.3							Hematite diabase
" "	208.3	Diabase	3.8							
" "	208.7	Broken Core	.4							
" "	215.9	Diabase	7.2							
" "	230.5	Andesite	14.6							Basically andesite with chlorite & hematite
" 27	240.0	Andesite	9.5							
" "	245.5	Diabase	5.5							Very fine grained diabase
" "	252.2	Diabase	6.7							Diabase with a great deal of hematite
" "	261.8	Breccia	9.6							
" "	262.8	Broken Core	1.0							
" "	275.0	Andesite	12.2							
" "	275.7	Broken Core	.7							
" "	285.3	Andesite	12.5							
" "	286.0	Broken Core	.8							
" "	292.6	Andesite	12.6							
" "	293.2	Broken Core	.6							
" "	310.8	Andesite	7.6							
" 28	311.5	Broken Core	.7							
" "	318.1	Andesite	6.6							
" "	318.8	Broken Core	.7							
" "	323.0	Andesite	4.2							
" "	323.5	Trachyte	.5							Biotite trachyte - pseudomorph chlorite often lost.
" "	327.7	Andesite	4.2							
" "	328.7	Granite	1.0							
" "	330.5	Andesite	1.8							

	FOOTAGE	DIP	MAG. BEARING
ASSUMED MAG. DECLN.			

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

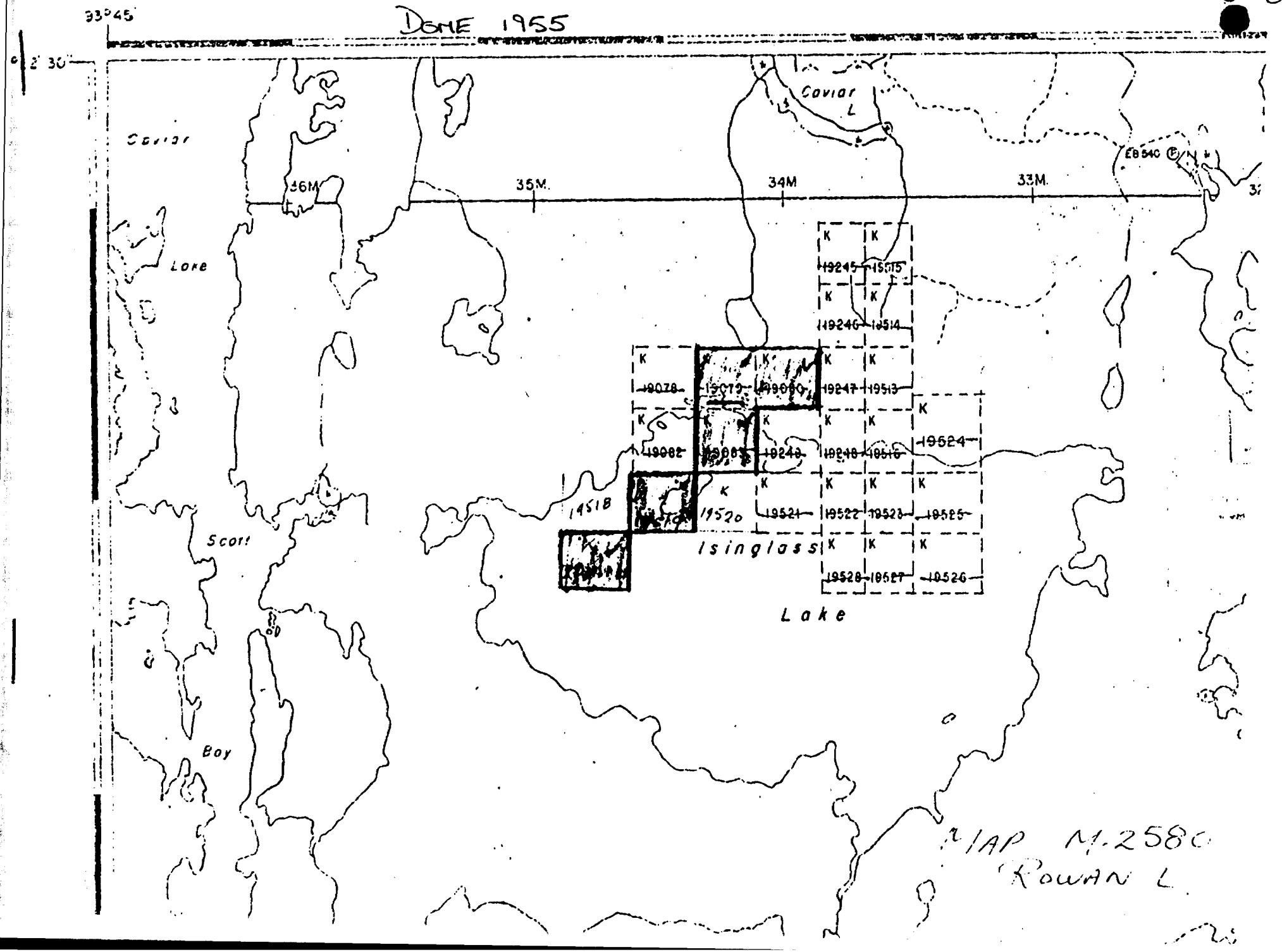
LOCATION
CLAIM NO. 1980
GEOLOGY BY S.C. Hamilton

D. D. H. NO. 9-7 PAGE NO. 37
COMMENCED July 23
FINISHED
MINE
WORKING PLACE Stinglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OZS.		Copper	Nickel	REMARKS
July 8	330.5							
" "	334.7	Broken Core	2 2					
" "	349.7	Hornblende	10 0					
" "	373.2	Andesite	30 5					
" "	374.2	Granitic Rock	1 0					
" "	384.3	Andesite	10 1					
" "	385.0	Broken Core	0 7					
" "	399.8	Andesite	14 8					Calcite veinlets
" "	407.0	Diabase	11 2					
	409.0	End of hole						

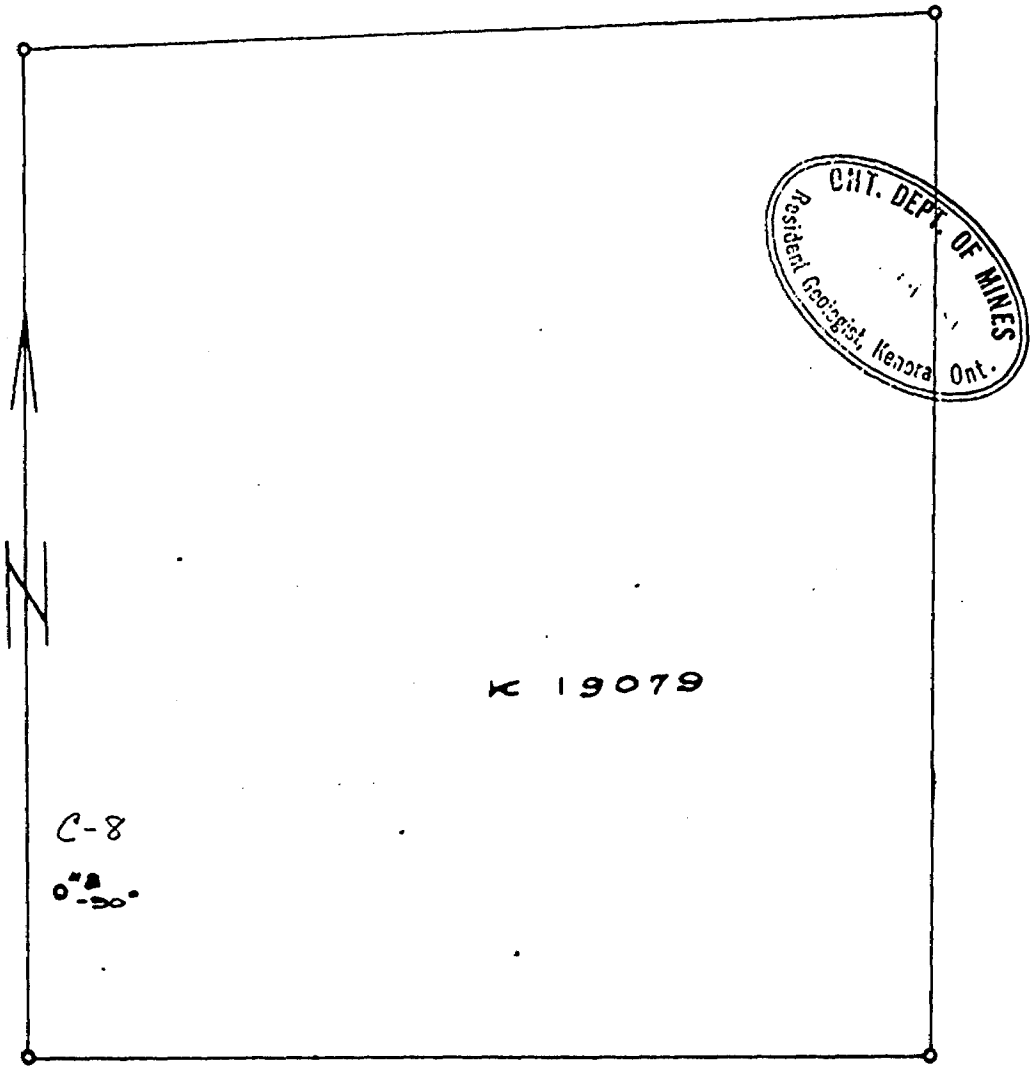
52 F/5 SE J-1

C-8



MAP M.2580
'Rowan L.

52 F/5 SE J-1



SCALE: 200ft · 1inch.

	FOOTAGE	DIP	MAG. BEARING
ASSUMED MAG. DECL.			

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. [redacted] 19079
GEOLOGY BY S. Hankins

D. D. H. NO. S - 8 PAGE NO. 30
COMMENCED Aug 1/55
FINISHED Aug 8/55
MINE
WORKING PLACE

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE (WTS			Copper	Nickel		REMARKS
	0 0									
Aug 1	12 0	Casing	12 0							
" "	46 3	Norite	34 3							A fine grained norite with slight amt of pyrite
" "	46 6	Broken core	3							
" 6	87 4	Norite	40 8							Fine grained
" 7	90 6	Norite	2 2							Considerable chlorite in norite
" 7	91 8	Breccia	1 2							
" 8	92 6	Broken core	7							
" "	95 0	Norite	2 4							
" "	96 2	Broken core	1 2							
" "	98 5	Granite rock	2 3							
" "	98 1	Broken core	6							
" "	115 4	Granite rock	16 3							
" "	138 2	Norite	22 8							
" "	139 0	Broken core	8							
" "	161 5	Norite	22 5							
" 3	163 5	Norite	2 0							Core well jointed. Pyrite & calcite crystals in joints
" 4	199 5	Norite	36 0							
" "	202 2	Broken core	2 7							Some epidote & perhaps chlorite?
" "	203 7	Granite rock	1 5							
" "	217 0	Norite	13 3							
" "	218 0	Broken core	1 0							
" "	241 0	Norite	23 0							
" "	241 4	Broken core	4							
" 4	254 1	Norite	12 7							
" "	257 7	Broken core	6							
" "	274 0	Norite	16 3							
" "	274 6	Broken core	6							
" "	290 0	Norite	15 4							
" "	291 3	Broken core	1 3							
" "	293 0	Norite	1 7							
" "	293 9	Broken core	9							

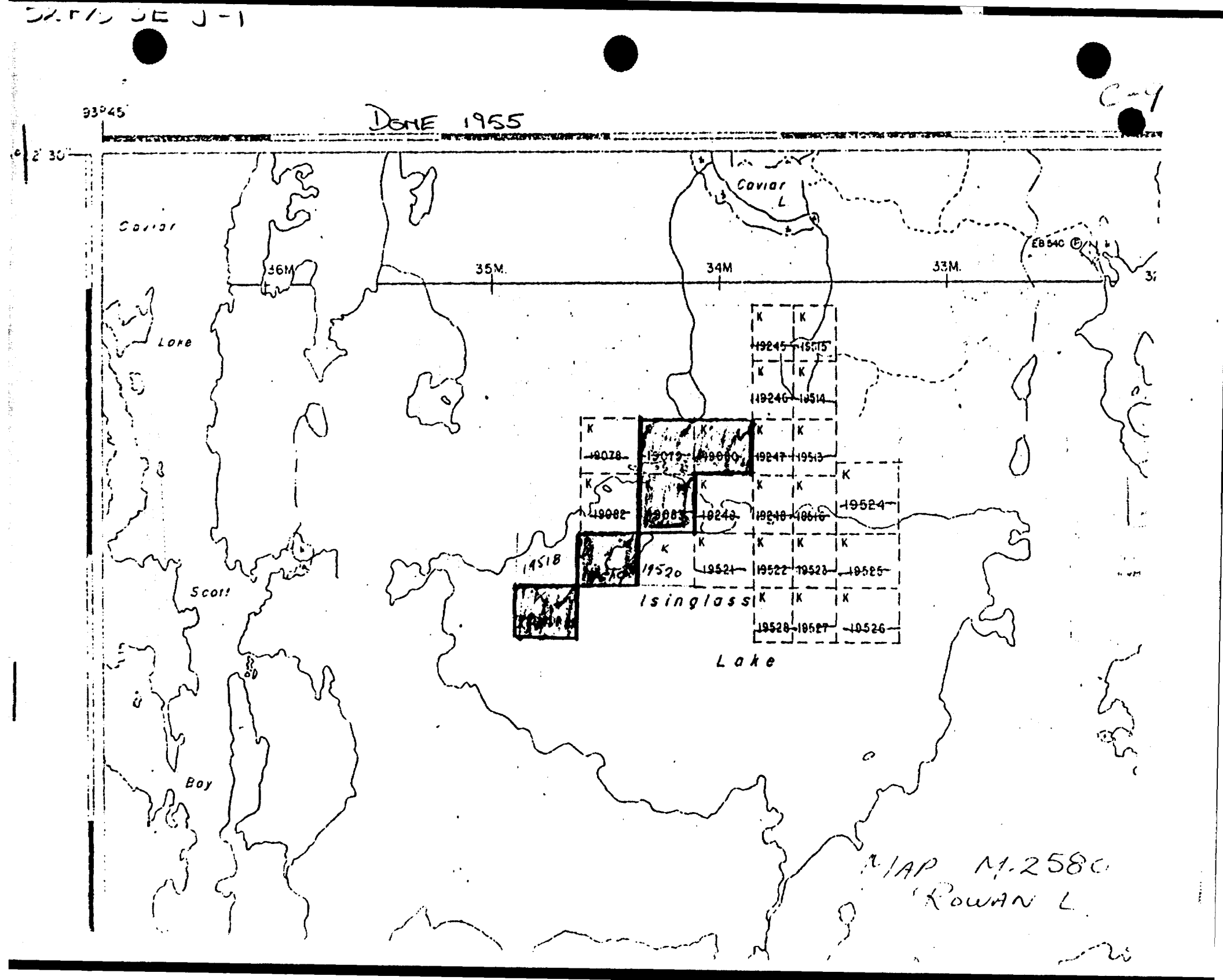
	FOOTAGE	DIP	MAG. BEARING
90°			
	ASSUMED MAG. BEARING		

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. _____
GEOLOGY BY S. Hamilton

D. D. H. NO. C-9 PAGE NO. 41
COMMENCED Aug 1/55
FINISHED Aug 5/55
MINE
WORKING PLACE Sisip Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET		ASSAY VALUE OWTS	REMARKS
Aug 4	293.9					
" "	304.7	Norite	8	8		
" "	313.6	Broken Core		9		
" "	317.0	Norite	3	4		
" "	318.0	Broken Core		10		
" "	321.4	Norite	3	4		
" "	322.7	Broken Core	1	3		
" "	324.0	Norite	1	3		
" "	325.0	Broken Core	1	0		
" "	325.5	Norite		5		
" "	328.2	Broken Core	2	7		
" "	327.3	Norite		11		
" "	328.1	Broken Core		8		
" "	329.6	Norite	1	5		
" "	332.4	Broken Core	2	8		
" "	334.0	Porphyry	5	1		
" "	335.3	Broken Core	1	3		
" "	338.6	Porphyry	4	3		
" "	339.2	Broken Core		6		
" "	341.0	Porphyry	5	8		
" "	341.7	Broken Core		7		
" "	343.8	Porphyry	2	1		
" "	345.0	Broken Core	1	2		
" "	350.0	Porphyry	5	0		
" "	351.0	Broken Core	1	0		
	401.0	end of hole				


DONE 1955
93°45'
52° 30'
Caviar
Caviar L
36M.
35M.
34M
33M.
Lake
Scott
Bay
Isinglass
Lake
1518
19520
19521
19522
19523
19525
19526
19527
19528
19524
19514
19515
19516
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19520
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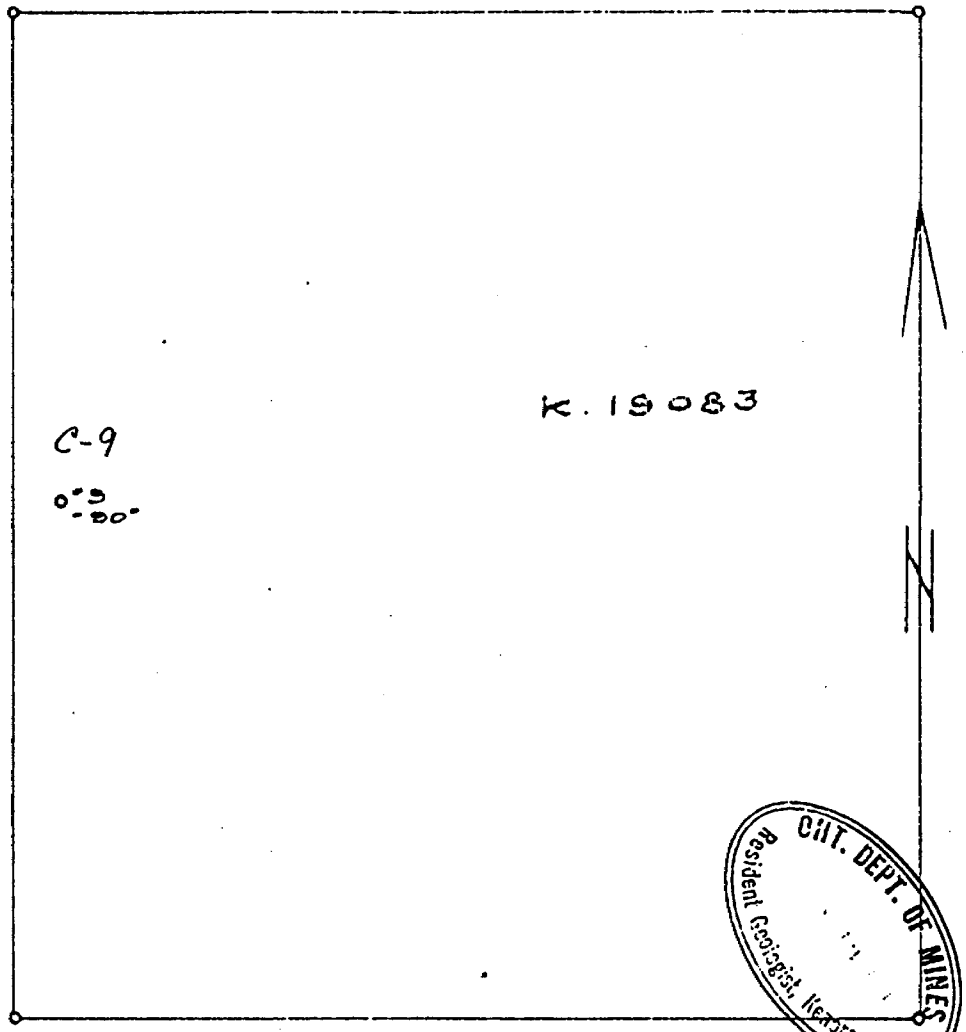
19525
19526
19527
19528
MAP M-258c
Rowan L.

LIMITED



ONT. DEPT. OF MINES
Resident Geologist, Kenora, Ont.

Scale : 200 ft = 1 ins.

FOOTAGE | DIP | MAG. BEARING | ASSUMED MAG. BEARING

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. ~~[illegible]~~ 19083
D. D. H. NO. C-9 PAGE NO. 42
COMMENCED Aug 8/55
FINISHED Aug. 12/55
MINE
GEOLOGY BY S. B. Hawkins WORKING PLACE Isinglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS		Copper	Nickel		REMARKS
Aug 8	0.0								
" 10	22.5	Casing	23	6					
" 11	246.0	Norite							fine grained norite
" "	271.1	Broken core	1	1					
" "	446.0	Norite	16	8					
" "	446.6	Broken core		6					
" "	450.0	Norite		3					
" "	459.9	Broken core		9					
" "	465.6	Norite		7					
" "	480.0	Chlorite	1	4					
" 12	485.1	Norite	23	1					
" "	710.4	Broken core		3					
" "	720.0	Norite	9	6					
" "	729.6	Broken core		6					
" "	955	Norite	[illegible]						
" "	981.2	Broken core	[illegible]						
" "	1062	Norite	10	1					
" "	1155	Feldspathic Norite	5	8					
" "	1157	Broken core		7					
" "	1181	Norite	2	4					
" "	1197	Broken core	1	1					
" "	1247	Norite	4	8					
" "	1511	Diabase	24	9					
" 13	1514	Broken core		4					
" "	1803	Diabase	28	9					
" "	1832	Norite	2	9					
" "	1837	Broken core		5					
" "	1875	Norite	3	8					
" "	1880	Broken core							
" "	1925	Norite	4	5					
" "	1930	Broken core		5					
" "	2000	Norite	7	0					

FOOTAGE	DIP	MAG. BEARING
-90°		
ASSUMED MAG. DECL'N		

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

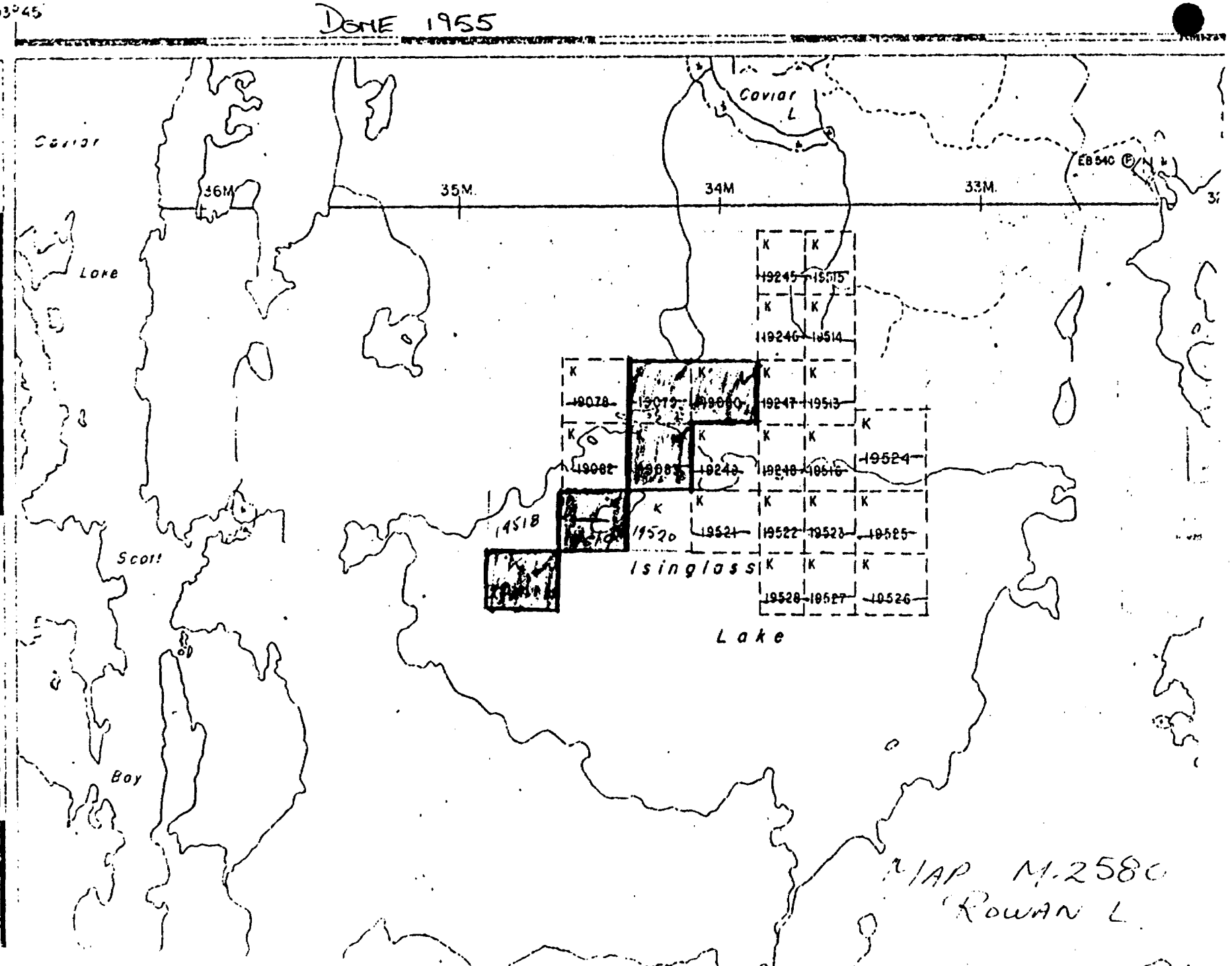
LOCATION
CLAIM NO. 18079
GEOLOGY BY J. HAWKES

D. D. H. NO. C-9 PAGE NO. 43
COMMENCED Aug 2/55
FINISHED Aug. 12/55
MINE
WORKING PLACE Singlass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS			Copper	Nickel	REMARKS
Aug 10	200 0								
" "	207 5	Broken core	7 5						
" "	208 1	Broken core	6						
" "	210 6	Norite	2 5						
" "	214 0	Quartzy rock	3 4						contains pyrite
" "	215 0	Broken core	1 0						
" "	217 0	Quartzy rock	2 0						
" "	240 0	Norite	23 0						
Aug "	247 0	Norite	7 0						
Aug "	327 6	Broken core	6						
" "	335 0	Norite	7 4						
" "	336 0	Broken core	1 0						
" "	375 6	Norite	39 6						
" "	376 6	Norite	1 0						light coloured phase of norite with pyrite
" "	378 5	Norite	1 9						
" "	378 9	Broken core	4						
" "	380 0	Norite	1 1						
" "	384 4	Diabase	4 4						
" "	389 5	Broken core	5 1						
" "	394 1	Diabase	4 6						
" "	396 6	Broken core	5						
" "	397 4	Diabase	7 8						
" "	400 0	Norite	2 6						
	400 0	end of hole							

52 F/5 SE J-1

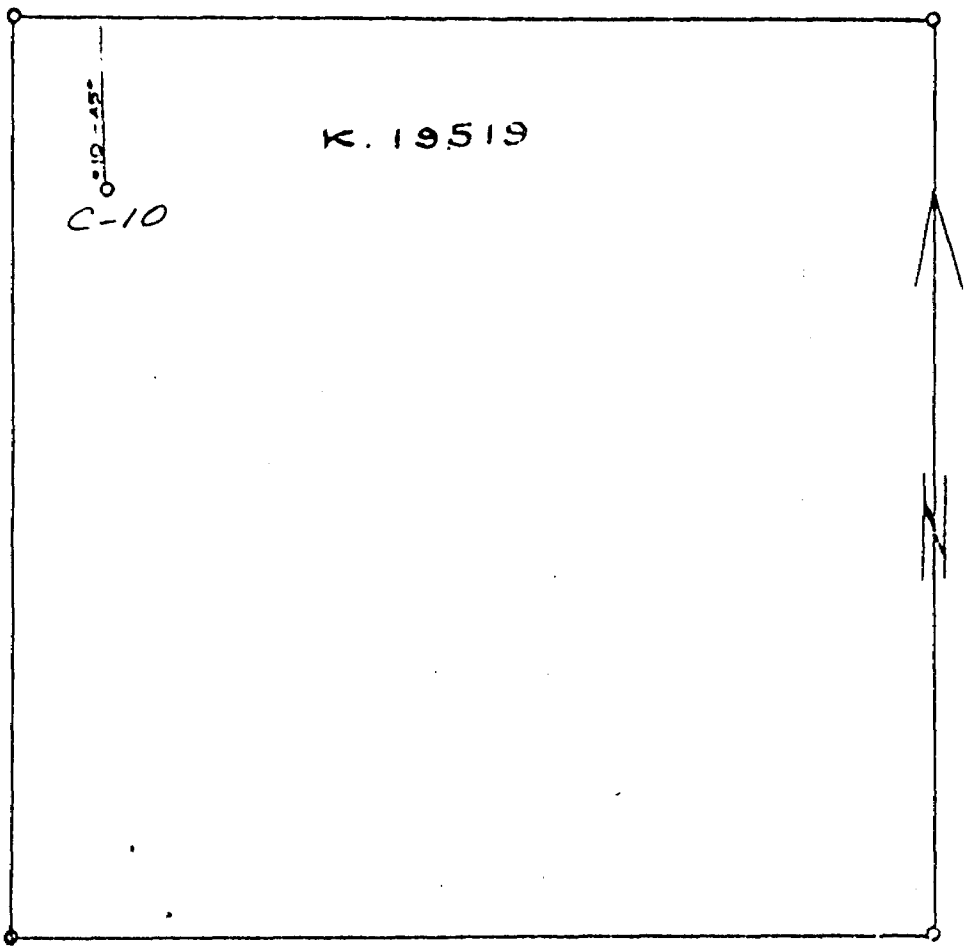
E-10



MAP M-2580
Rowan L.

Section ?

[illegible] LIMITED



Scale : 200 ft = 1 in.

FOOTAGE	DIP	MAG. BEARING
	45°	North

ASSUMED MAG. DECL.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

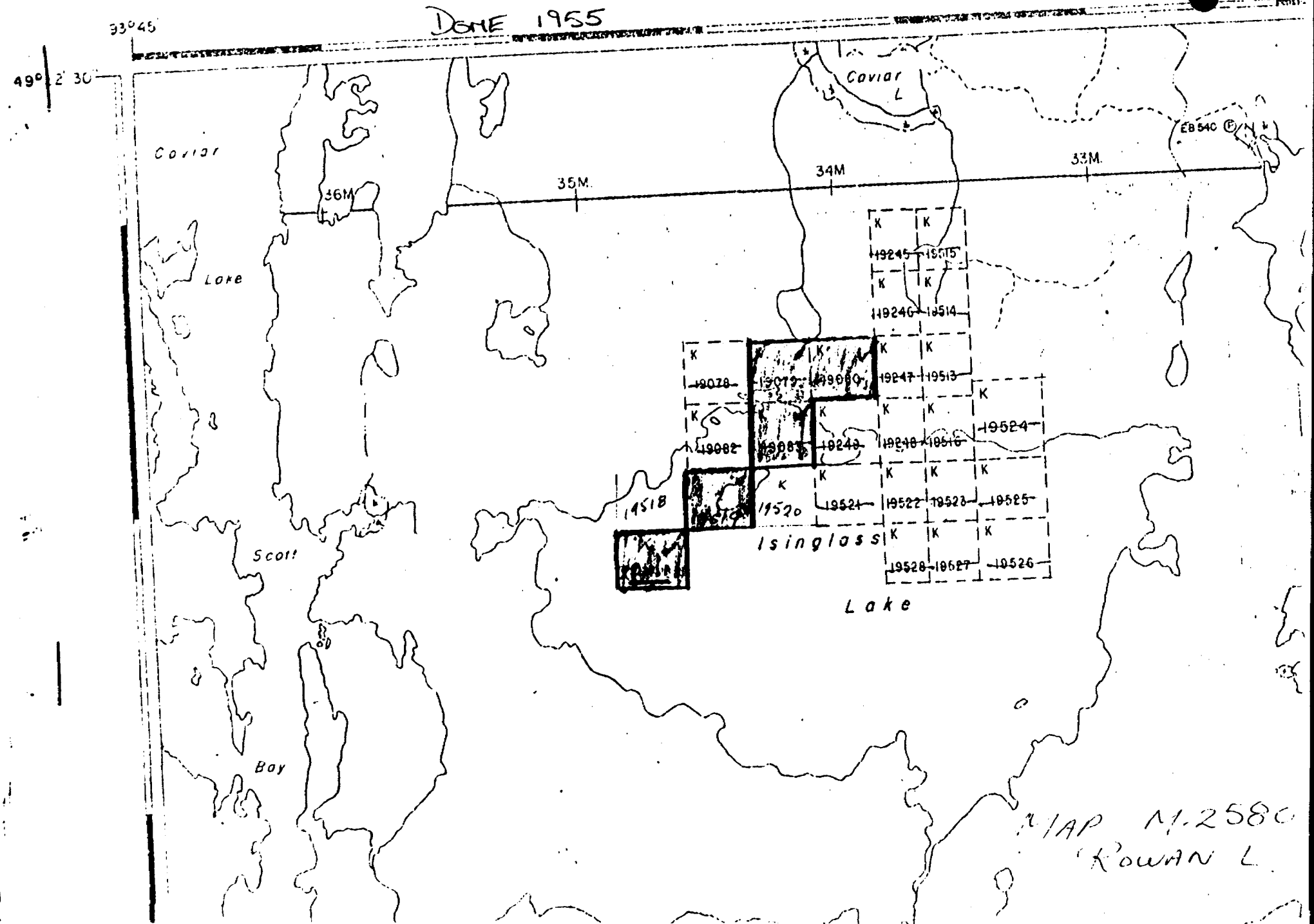
LOCATION
CLAIM NO. ~~19079~~ 19619
GEOLOGY BY S. Hawkins

D. D. H. NO. C-10 PAGE NO. 44
COMMENCED Aug 22/55
FINISHED
MINE
WORKING PLACE Tsing Loss Lake

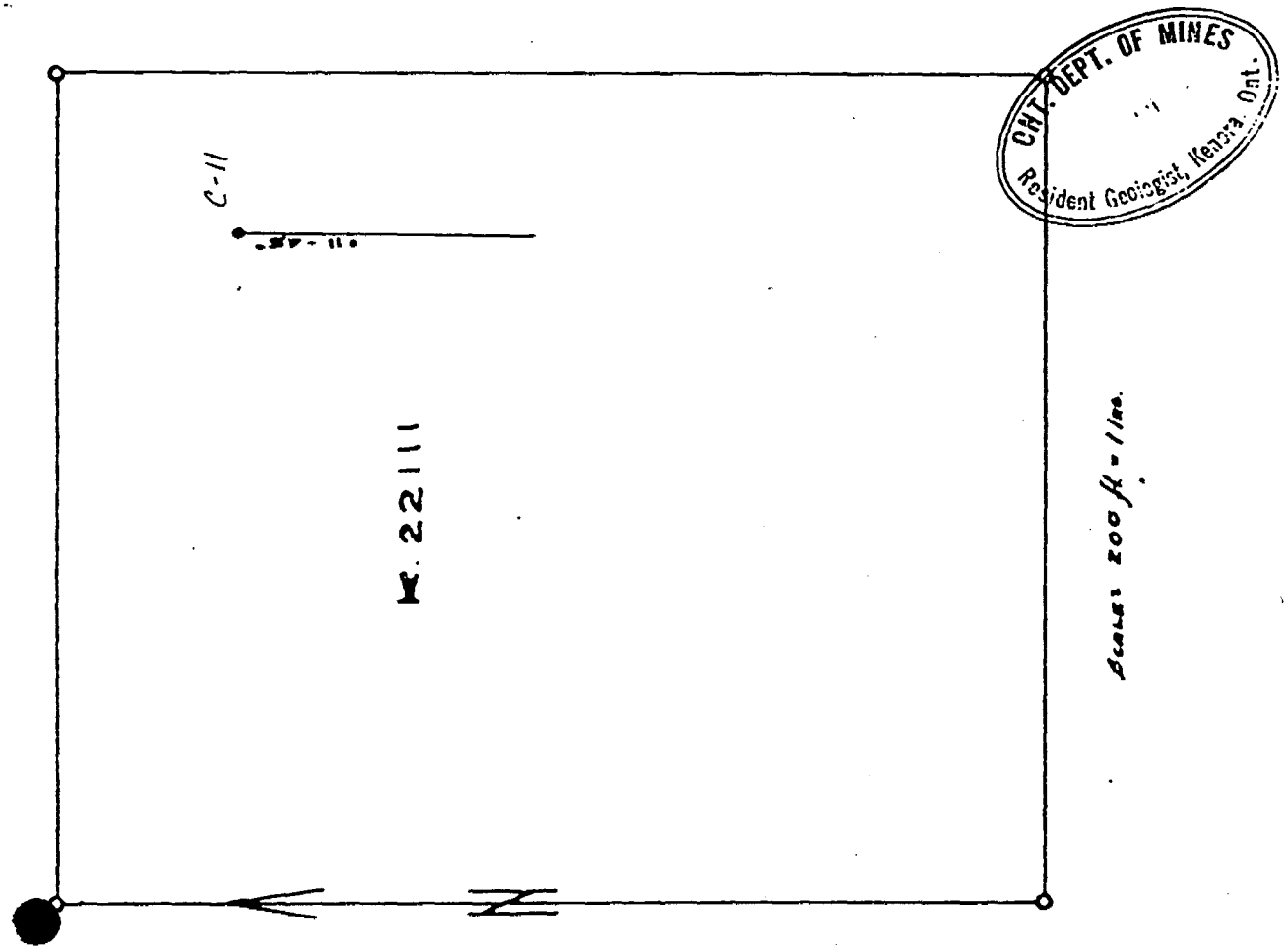
DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE OWTS	REMARKS
Aug 22	0.0				
"	14.0	Casing	14.0		
"	33.2	Norite	19.3		Norite coarse grained
"	35.0	Norite	1.7		this section contains small amt. of chalcopyrite visible in core here and there
"	42.0	Norite	7.0		
Aug 23	71.3	Norite	29.3		
"	71.8	Quartzite	.5		
"	159.2	Norite	87.4		A little pyrite mineral in entire sample
Aug 24	160.0	Norite	.8		this section contains considerable epidote & calcite
"	165.0	Norite	5.0		
"	170.0	Norite	5.0		magnetite clearly visible macroscopically & little pyrrhotite & chalcopyrite also
"	181.4	Norite	11.4		
"	204.4	Quartzite	23.0		
"	211.0	Norite	7.6		
"	213.5	Norite	2.5		(pseudomorph)
"	221.3	Tuffaceous	7.8		considerable epidote - chlorite after biotite
"	234.7	Norite	13.4		
Aug 25	237.2	Broken Core	2.5		
"	243.7	Tuffaceous	6.4		
"	263.5	Norite	19.8		
"	269.2	Broken Core	5.7		
"	302.3	Norite	33.1		
"	304.3	Broken Core	2.0		
"	320.0	Norite	15.7		
Aug 26	330.8	Norite	10.8		
"	343.0	Broken Core	12.2		
"	405.0	Norite	62.0		end of hole

52 SE J-1

C-11


DOME 1955
93°45'
49° 2' 30"
Caviar L
Caviar
36M.
35M.
34M.
33M.
EB 540
Lake
Scott
Bay
Isinglass
Lake
19078
19079
19080
19082
19083
19248
19247
19245
19515
19246
19514
19513
19524
19516
19518
19521
19520
19522
19523
19525
19528
19527
19526
MAP 11.2580
KOWAN L.

52 F/5 SE J-1



	FOOTAGE	DIP	MAG. BEARING
5⁰		-45⁰	South

ASSUMED MAG. DECLN.

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO. X2111
GEOLOGY BY S.E. Hawkins

D. D. H. NO. C-N PAGE NO. 45
COMMENCED Aug 30/55
FINISHED Sept 6/55
MINE
WORKING PLACE Isinglass Lake

DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS			Copper	Nickel		REMARKS
Aug 30	0 0									
"	16 0	Casing	16 0							
"	55 0	Diabase	39 0							
"	75 0	Norite	20 0							
" 31	147 9	Norite	72 9							
"	148 5	Leached rock	6							Section contains pyrite & hematite
Sept 1	215 0	Norite	76 5							
" 2	242 0	Norite	17 0							
"	242 9	Broken core	9							
"	262 6	Norite	19 7							
"	263 3	Broken core	7							
"	272 9	Norite	9 6							
"	273 6	Broken core	7							
"	301 7	Diabase	28 1							
" 3	375 0	Norite	73 3							
" 4	393 9	Norite	23 9							
"	399 3	Broken core	4							
"	406 4	Norite	7 1							
"	412 7	Trachyte	6 3							
"	450 0	Norite	37 3							
" 5	467 0	Norite	29 0							
" 5	482 4	Broken core	1 4							
"	486 1	Norite	5 7							
"	487 1	Broken core	1 0							
"	496 6	Norite	9 5							
"	497 3	Broken core	7							
"	510 7	Norite	13 4							
"	511 8	Broken core	1 1							
"	525 0	Norite	13 2							
" 6	531 7	Norite	6 7							
" 6	532 7	Broken core	1 0							
"	556 1	Norite	23 6							
"	559 1	Broken core	1 0							

	FOOTAGE	DIP	MAG. BEARING
45°		-45°	South

ASSUMED MAG. DECL'N

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL CORE LOG AND SAMPLE RECORD

LOCATION
CLAIM NO.

D. D. H. NO. PAGE NO. 46
COMMENCED Aug 30/55
FINISHED Sept. 6/55
MINE
GEOLOGY BY S. C. Hawkins
WORKING PLACE Isinglass Lake

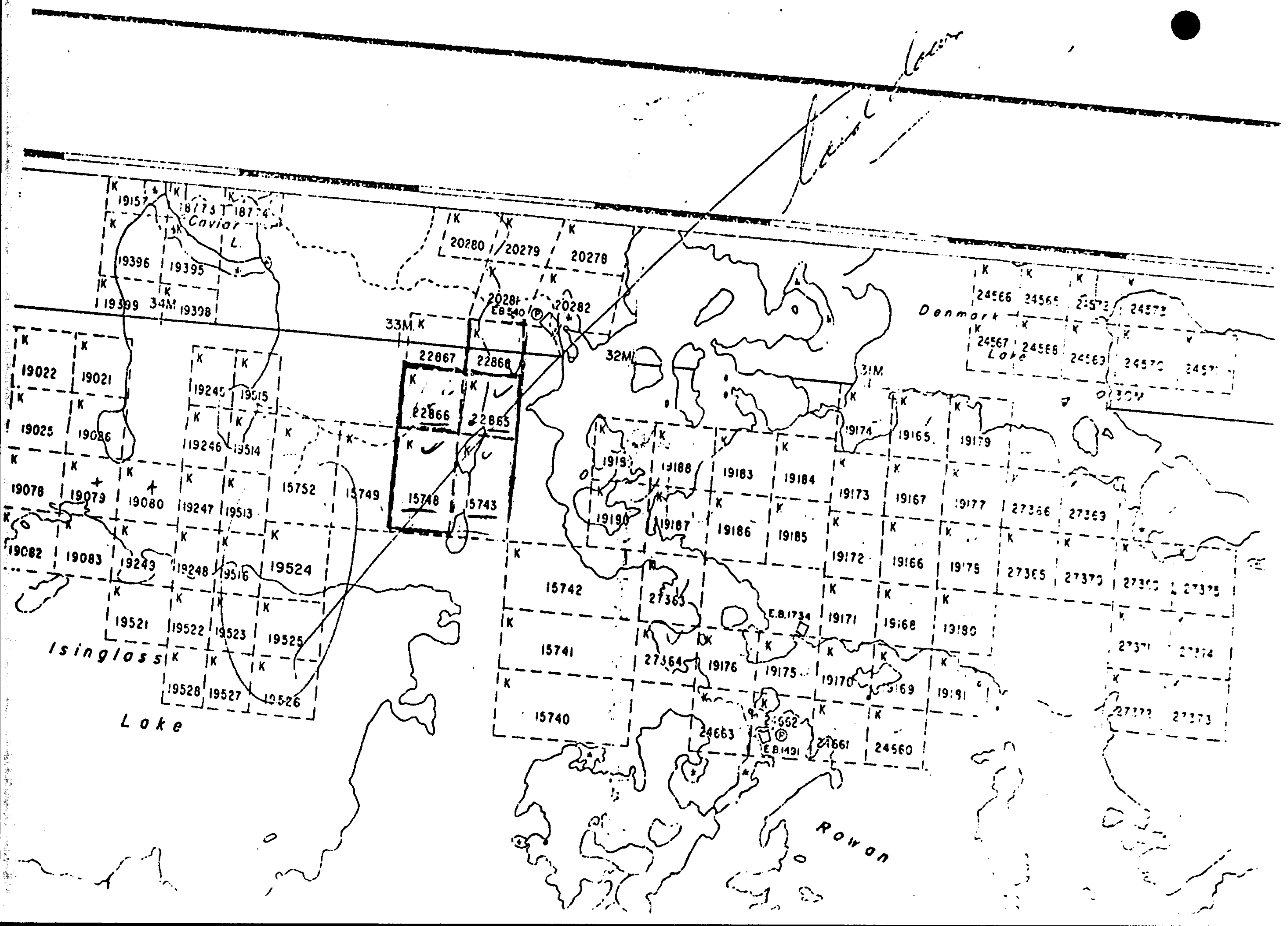
DATE 1955	DISTANCE FROM COLLAR	FORMATION	WIDTH FEET	ASSAY VALUE DWTS				REMARKS
Sept 6	557.1							
" "	566.6	Norite	9	5				
" "	567.6	Broken core	1	0				
" "	607.0	Norite	39	4				-end of hole.

APPENDIX "B"

(Logs and Location Sketches for Selco Exploration

DD Holes L-1, L-2, L-3, L-5)

DON TULLY ENGINEERING LTD.
SUITE 1205, 555 - 13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8



Caviar L.
Denmark Lake
Isinglass Lake
Rowan
34M
33M
32M
31M
E.B.540
E.B.1734
E.B.1491
19157
18773
18774
19396
19395
19399
19398
20280
20279
20278
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22867
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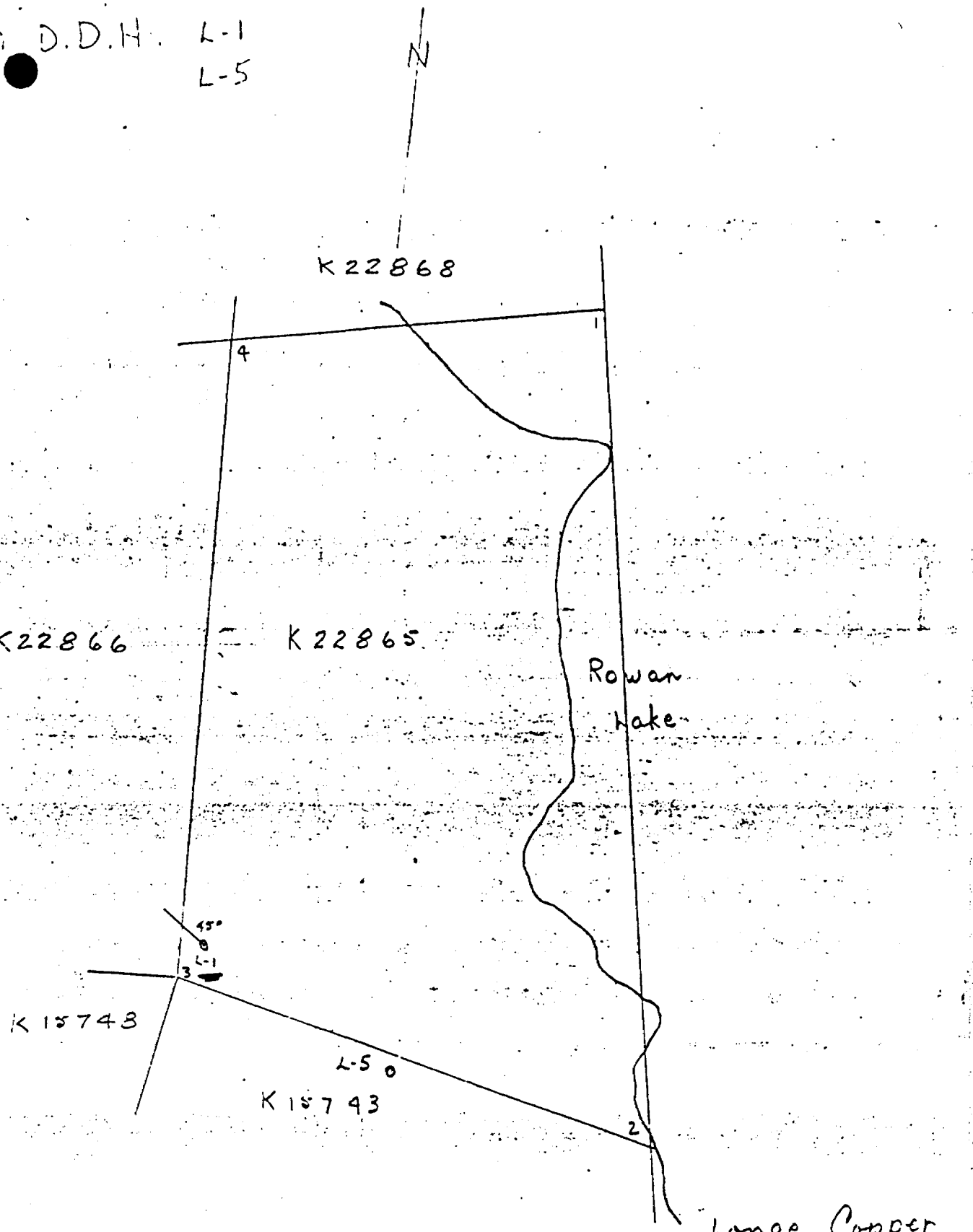
24660

Plc : D.D.H. L-1
L-5



Longe Copper
Rowan Lake
Scale 1in - 400

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-1 PROPERTY LUNGE COPPER CLAIM No. K22865 ELEVATION

SHEET NO 1 BEARING 303 degs. TOTAL DEPTH 250'

LOCATION 2250' from No. 1 post K-22865 DIP COLLAR 45 degs. CORE SIZE EX

STARTED March 28/56 COMPLETED March 31

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS Cu %	ASSAYS Au ozs	REMARKS
0	5'	Casing								
5	19.6	Dark fine grained fragmental lava partly broken and oxidized.								
19.6	43.5	Complex grey andecitic lava, fine grained with some well developed hornblende crystals. Places porphyritic with white felspar phenocrysts. Sections brecciated with angular and rounded pieces. Fracture filling of quartz with some sulphide. Disseminated sulphide in sections primarily chalcopyrite. Samples average about 1%.	7508 7509 7510	20.0 25.0 30.0	25.0 30.0 35.0	5.0 5.0 5.0		0.30 0.23 0.41	.01 .005 .005	
43.5	52.7	Porphyritic type fragmental lava, white felspar in dark ground mass. Introduced quartz trace sulphide in scattered sections.								
52.7	57.4	Fine grained quartz andesite some ?pillow structure. About 1% sulphide in fractures and finely disseminated.	7511	52.5	57.5	5.0		.43	Nil	
57.4	120.4	Complex fine grained fragmental type lava, places showing flow structure. May be brecciated, with white felspar pieces in dark groundmass. Some introduced quartz.								
120.4	130.0	Porphyritic type lava, fine-grained. Fracture filling of quartz and sulphide with calcite in a few places. Narrow sections very fine-grained, hard and black, with no visible	7512 7513	120.4 125.4	125.4 130.4	5 5		.39 .20	.01 .005	

ONT. DEPT. OF MINES DEC 10 1956 Resident Geologist, Kenora, Ont.

DRILLED BY Edwards Drilling

SIGNED R. McCormick

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-1
SHEET NO 2
LOCATION

PROPERTY

BEARING
DIP COLLAR

ELEVATION
TOTAL DEPTH
CORE SIZE

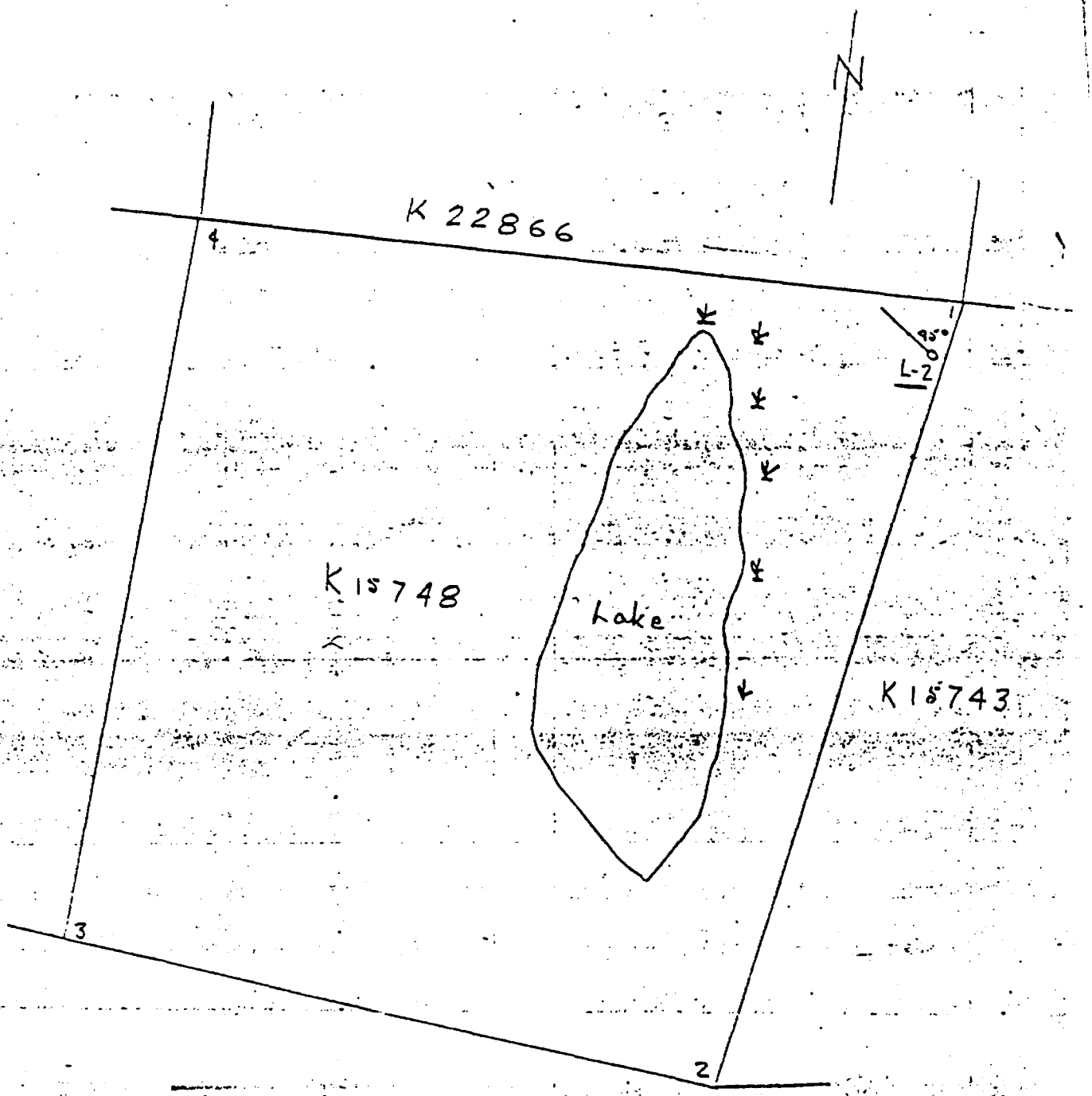
STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS Cu %	ASSAYS Av. ozs.	REMARKS
		mineral. Balance disseminated sulphide 1-2% about half chalcopyrite.								
129.0	135.5	Very fine-grained, hard and black. Fractures filled with quartz and pyrrhotite.								
135.5	140.5	Porphyritic type lava. Fractures filled with quartz and sulphides in places with calcite. Fine disseminated sulphide primarily chalcopyrite. Total about 1-2% sulphide	7514	135.5	140.5	5'		.44	.01	
140.5	219.1	Spotted grey andesite fairly uniform except narrow sections very fine-grained, blackish. Fractures generally quartz filled, with a few patches calcite. Sections with about 1% sulphide.	7515 7516 7517 7518	140.5 145.5 150.5 155.5	145.5 150.5 155.5 160.5	5 5 5 5		.07 .03 .03 .03	Nil Nil Nil Nil	
219.1	222.7	Light grey lava showing flow structures Quartz and calcite in fractures and flows. Sections with weak sulphide dissemination								
222.7	225.0	Fine-grained blackish andesite calcite-filled fractures. Very short sections with 2-5% sulphide mostly pyrrhotite.								
225.0	237.5	Light grey lava. Flow structure with quartz and calcite. Short sections brecciated.								
237.5	250.0	Blackish porphyritic type lava. Introduced quartz and some calcite filled fractures.								
		END OF HOLE								

DRILLED BY ~~xxxxxxx~~ Edwards Drilling

SIGNED R. McCormick

Plan D.D.H. L 2



Longe Copper
Rowan Lake
Scale 1 in = 400 ft.

C.E.Cuddy

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. [illegible]

SHEET NO 1

LOCATION 155 ft. bearing 207 degs. from No. Post K 15748

PROPERTY LONGE COPPER

BEARING 303 degs.

DIP COLLAR 45 degs.

ELEVATION

TOTAL DEPTH 251.4 ft.

CORE SIZE AX

STARTED Nov 25/56 COMPLETED Nov 27/56

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS Cu %	ASSAYS Av. ozs.	REMARKS
0	6.5	Casing								
6.5	8.3	Quartz andesite - black, fine-grained siliceous								
8.3	70.0	Andesite lava zone, introduced quartz, sections porphyritic with felspar phenocrysts - some sections appear to be brecciated but may indicate top of flows - very erratic disseminated sulphides mainly chalcopyrite with some pyrrhotite	7501	37.5	42.5	5.0	100%	.26	.005	Spotty disseminated sulphides 1%
			7502	42.5	47.5	5.0	100%	.19	.005	" " 1%
			7503	47.5	52.5	5.0	100%	.25	.005	" " 1%
70.0	78.3	Quartz andesite - black fine-grained siliceous, massive, minor traces of sulphides								
78.3	159.7	Pre-Keewatin andesite porphyry - introduced quartz and minor sulphides - chalcopyrite and pyrrhotite in some fracture fillings and associated with quartz patches - felspar phenocrysts, rounded and angular in fine-grained dark ground mass.	7505	112.5	117.5	5.0	100%	.49	.005	1% sulphides
			7506	117.5	122.5	5.0	100%	.76	.01	1% sulphides
			7507	122.5	127.5	5.0	100%	.54	.01	1% sulphides
159.7	168.5	Andesite - black fine-grained, exhibiting porphyritic structure in a few narrow zones with felspar phenocrysts - some second ry quartz - very little than 1% scattered sulphides								
168.5	171.6	Pre-Keewatin andesite with phenocrysts (minor) of felspar and second ry quartz								

ONT. DEPT. OF MINES DEC 10 1956 Resident Geologist, Kenora, Ont.

DRILLED BY Edwards Drilling

SIGNED A. D. Ashton

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-2
SHEET NO 2
LOCATION

PROPERTY

BEARING
DIP COLLAR

ELEVATION
TOTAL DEPTH
CORE SIZE

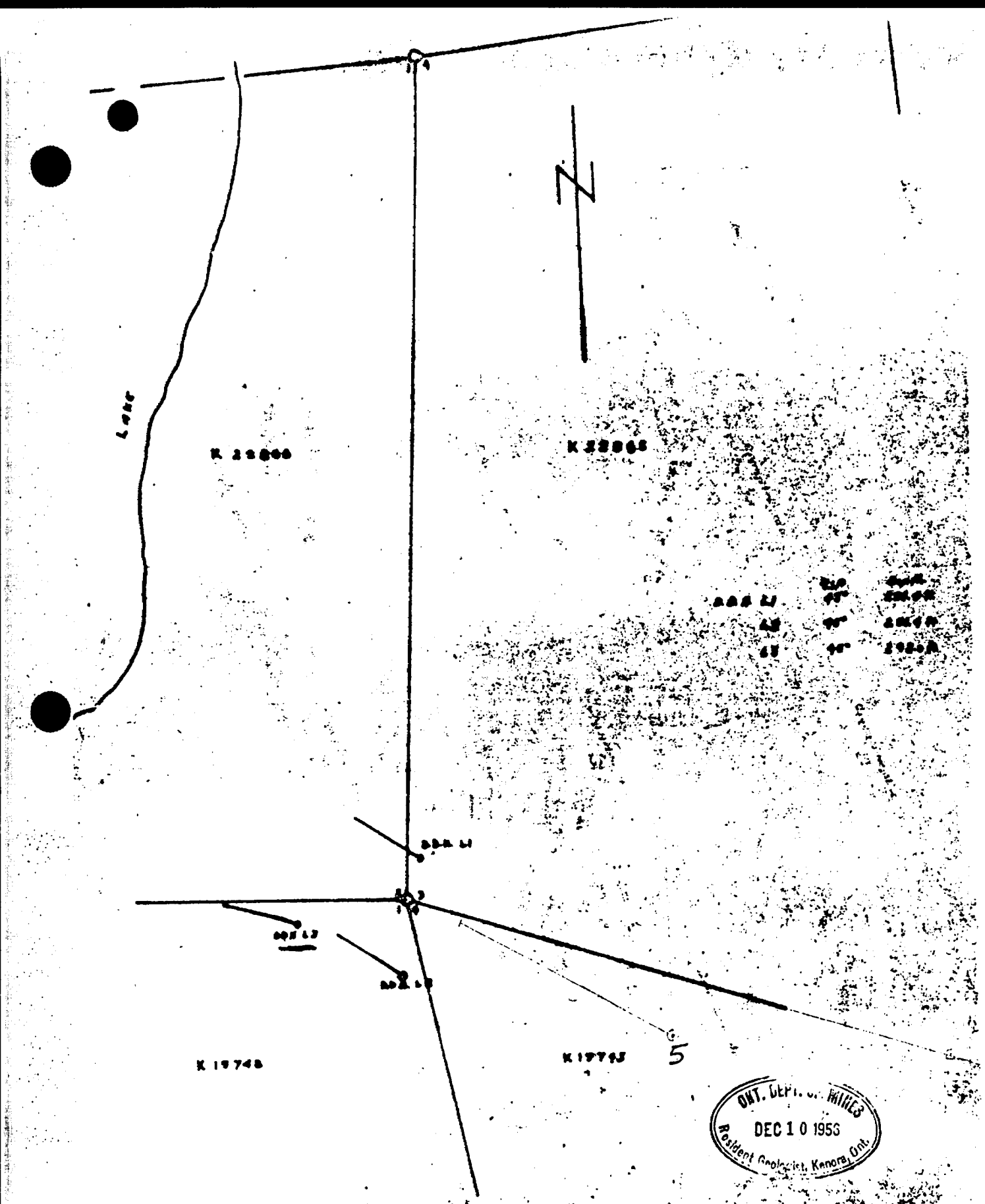
STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS Cu %	ASSAYS Ag. ozs				REMARKS
177.6	212.4	Basalt - very basic with hornblende, soft, massive in structure - coarse at 177.6 but grading to fine at lower end. Scattered disseminated sulphides less than 1%	7504	195.0	200.0	5.0	100%	.01	Nil				less than 1% disseminated sulphides
212.4	222.0	Andesite xxx porphyry - phenocrysts of felspar, secondary quartz and traces of sulphide											
222.0	227.6	Quartz andesite - massive fine-grained dark siliceous - minor sulphides in some fractures.											
227.6	251.4	Andesite lava zone - introduced quartz - some sections porphyritic with felspar phenocrysts - some parts appear to be brecciated, may be flow tops. Very erratic small disseminated zones of sulphide, primarily chalcopyrite, less than 1%.											
		END OF HOLE											

ONT. DEPT. OF MINES
DEC 10 195-
Resident Geologist, Kenora, Ont.

DRILLED BY Edwards Drilling

SIGNED A. S. Ashton



52F/5SE CC-1

Lenge Copper Prospect
Location of DDH 1, 1A & 2.
Scale 1in. = 200 ft.

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L3 PROPERTY Longe Copper ELEVATION

SHEET NO 1 BEARING 278° TOTAL DEPTH 252

LOCATION 259°-260' From No. 1 Post K15748 DIP COLLAR 45° CORE SIZE EX

STARTED June 5/56 COMPLETED June 7/5

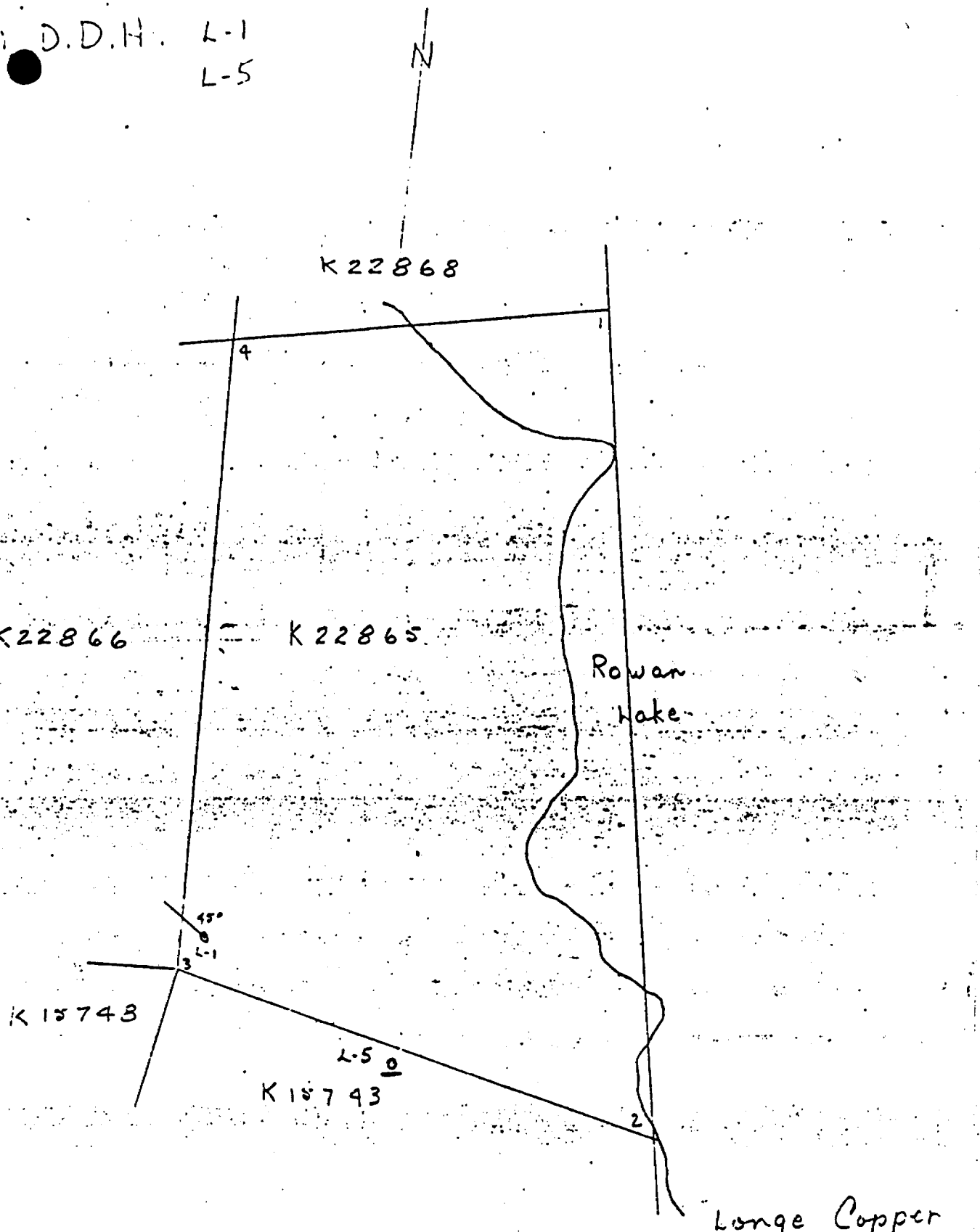
FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS Cu	Ni	Gold per ton ozs.	Value @ $35.00		REMARKS
0	6	Casing											
6	10	Andesite - porphyritic type with quartz and calcite-filled fractures - trace sulphide.											
10	13.5	Andesite, massive, dark grey, calcite-filled fractures, trace dissem. sulphides.											
13.5	79	Andesite - porphyritic type - coarse-grained, uniform, trace diss. pyrite.											
79	81.5	Andesite, fine-grained; calcite-filled fractures.											
81.5	148	Andesite - porphyritic type as above.											
148	151.2	Andesite, fine-grained, less than 1% dissem. sulphides - quartz and calcite-filled fractures.											
151.2	183.9	Andesite - fine-grained, greenish black with some foliation x/s visible - some sections almost cherty - calcite fracture filling 5% disseminated sulphide pyrhotite with minor chalcopyrite	7519	151.2	156.2	5.0		0.03	None	Nil	-		5% plus sulphide
			7520	156.2	161.2	5.0		0.03	"	"	-		5% " "
			7521	161.2	166.2	5.0		0.01	"	"	-		5% " "
			7522	166.2	171.2	5.0		None	"	"	-	5%	2-3% " "
			7523	172.5	177.5	5.0		"	"	"	-		2-3% sulphide
			7524	177.5	183.7	6.2		0.03	"	"	-		2-3% " "
183.7	224.5	Andesite - med. gr., grey-black - qtz and calcite filled fractures - trace sulphide	7525					0.11		0.005	$0.17		
224.5	252	Andesite - recrystallized calcite filled fractures. Trace sulphide.											
		END OF HOLE											

ONT. DEPT. OF MINES DEC 10 1956 Resident Geologist, Kenora, Ont.

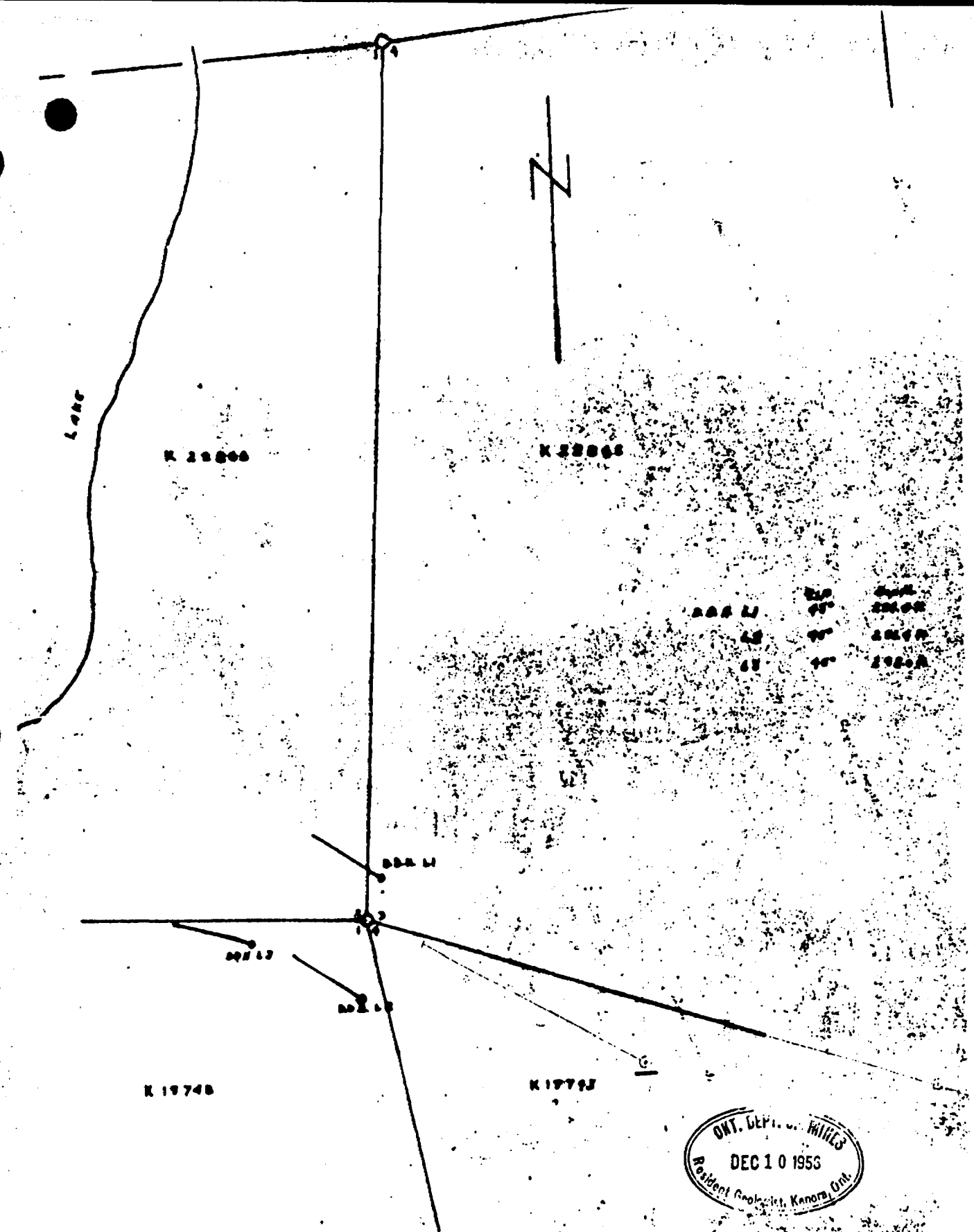
DRILLED BY Edwards

SIGNED A. S. Ashton

Fig 1 D.D.H. L-1
L-5



Longe Copper
Rowan Lake
Scale 1 in - 400



52F/5SE CC-1

Large Copper Prospect
Location of DDH L1, L2 & L3.
Scale 1in. = 200 ft.

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LONGE COPPER PROSPECT ELEVATION

SHEET NO 1 BEARING 300° M TOTAL DEPTH 999.5

LOCATION 840ft. 279° from No. 1 Post K15743 DIP COLLAR 45° CORE SIZE AX

STARTED Aug.16/56 COMPLETED Aug 28/5

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	RECOVERED	ASSAYS	REMARKS
0	4	Casing							Dip Tests
4	23.5	Quartz porphyry							250' 41°
23.5	283.0	Andesite - light grey to black - silicified - fractured with quartz filling - flow structure; amygdaloids, breccias, etc. Fine to medium grined.							500' 41°
		78.5-81 - complex quartz assimilated andesite - quartz diorite(?)							750' 37°
		85-88 - Breccia							1000' 37° 30'
		88-102 - Porphyry 3/16" phenocryst (feldspar)							
		102-102.6 - Breccia							
		107-110 - "							
		118.4-119 - "							
		146.8-147.75 Speck pyrite less than 1/4%							
		145.5 " "							
		153.0 " "							
		170.0 " " in seam							
		172.0 " "							
		181.0 " "							
		192.0 " "							
		193.2 " "							
		194.0 " "							

ONT. DEPT. OF MINES DEC 10 1956 Resident Geologist, Kenora, Ont.

DRILLED BY Jack Edwards Drilling Co. Ltd.

SIGNED A. S. Ashton

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LONGE ELEVATION

SHEET NO 2 BEARING TOTAL DEPTH

LOCATION DIP COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS	REMARKS
23.5	283.0 (Continued)	194.8 Speck pyrite 195.2 " " 195.5 " " 195.7 " " 196.7 " " 203-204 Breccia 204.5-210 Pyrite less than 1% in seams and pitches 208-209 Breccia 219 Speck pyrite 227 " " 234 " " in seams 244 " " 245 " " 249.5 " " 250 " " 252.5 " " 253.5 " " 253.7 " " 254.2 " " 255.4 " " 259.2 " " 264.6 " " 260 Specks " 266 " " 271.5 " " 272 " " 274 " " 279.6 " " 281 " " 283 " "							

ONT. DEPT. OF MINES
DEC 10 1953
Resident Geologist, Kenora, Ont.

DRILLED BY Jack Edwards Drilling Co. Ltd.

SIGNED A.G. Ashton

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LONGE ELEVATION

SHEET NO 3 BEARING TOTAL DEPTH

LOCATION DIP COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS	REMARKS
283	303	Silicified shear zone - maybe rhyolite (?), angles vary from 20° to 60° to core, traces of sulphide less than 1%.							
303	309	Andesite porphyry - med. grained irregular phenocrysts 1/8" size.							
309	337.5	Silicified shear zone - angle varies from 60° to core at top to 20° at lower end. 315-340 traces of pyrite less than ½%.							
337.5	346	Massive andesite							
346	359	Silicified shear as above 351-356 flow top (?)	7526	352	356	4.0	100%		1% sulphide (pyrite)
359	363	Andesite - flow structure minor pyrite							
363	373	Andesite porphyry - med. grained, grey - irregular phenocrysts 1/8" ; 371.5 pyrite in quartz fracture.							
373	404	Andesite - quartz filled fractures, grey to black fine-grained 390.5-404 flow top complex							
404	415	Andesite fine-grained. Porphyry part, phenocrysts 1/8" approx.							
415	433	Andesite - flow and flow top complex 419-424 less than 1% combined py. and pyrrhotite (pyr. 3 pyrrhotite 1)							

ONT. DEPT. OF MINES DEC 10 1953 Resident Geologist, Kenora, Ont.

DRILLED BY

SIGNED

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LONGE ELEVATION

SHEET NO 4 BEARING TOTAL DEPTH

LOCATION DIP COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS					REMARKS
433	440	Andesite fine grained. Grey to black. Fractured, quartz filling.											
440	445	Andesite porphyry											
445	458	Andesite. Fine grained. Grey to black											
458	466	Andesite porphyry											
466	483	Andesite - fine grained. Grey to black 470-470.2 2% pyrite 471.8-472.3 less than 1% sulphide 474.1-474.5 less than 1%											
483	503	Andesite porphyry											
503	517.6	Andesite fine grained. Grey to black 513.5 Specks pyrite 514											
517.6	520	Quartz-andesite complex 518.4 speck pyrite											
520	524.5	Andesite fine grained grey to black											520' Lost water
524.5 551	551- 636	~~xxxxxxxxx~~ Andesite porphyry zone Andesite fine grained, black grading to greenish - flow structure, porphyry and flow top phases minor 554.5 pyr. in 3/16" quartz vein at 45° to core 569 tr. of pyrite											

ONT. DEPT. OF MINES
DEC 10 195_
Resident Geologist, Kenora, Ont.

DRILLED BY_____ SIGNED_____

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LONOE ELEVATION

SHEET NO 5 BEARING TOTAL DEPTH

LOCATION DIP COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS					REMARKS
551 (Continued)	636	575.4 Quartz vein, 70° to core 597-598.5 complex zone of andesite and quartz - quartz diorite(?) 587.5 tr. pyrite 588.6 " " 612 " sulphide 614 " pyrite 615.5 " " 617 " " 626 " " fracture											
636	662	Andesite fine grained-med. grained 636.5-637.2 less than 1% sulphide 635 trace pyrite											
662	664	G/S schist 70°-80° to core											
664	687	Andesite, grey fine grained 40% quartz in almost shear pattern (patches rather than veins) Could be flow top or minor breccia zone											
687	790.7	Andesite fine grained, grey to black fractured, porphyry zones 720.8 1" quartz vein 70° to core; 722.4 tr. pyrite 717.2-718 less than 1% pyrite 754.6-755 lost core											

ONT. DEPT. OF MINES
DEC 10 195_
Resident Geologist, Kenora, Ont.

DRILLED BY_____ SIGNED_____

SELCO EXPLORATION COMPANY LIMITED

DIAMOND DRILL RECORD

HOLE NO. L-5 PROPERTY LUNGE ELEVATION

SHEET NO 6 BEARING TOTAL DEPTH

LOCATION DIP COLLAR CORE SIZE

STARTED COMPLETED

FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	CORE LENGTH	CORE RECOVERED	ASSAYS					REMARKS
790.7	808	Andesite porphyry - med. grained, grey - irregular phenocrysts 1/8" in size											
808	903	Andesite - fine-grained silicified - l. green to black. Quartz filled fractures - evidence of porphyry - 830-830.3 less than 1% chalco and pyrite. 836 tr. pyrite in quartz 867.4-867.6 tr. sulphides 868 " "											
903	914	Andesite, black, fine-grained, massive											
914	915.6	Complex zone of andesite and quartz diorite											
915.6	916	Andesite											
916	917	Quartz, diorite											
917	920.5	Andesite, med. gr. green-glack											
920.5	923.5	Quartz diorite - intrudes andesite, minor assimilation - contacts fairly well defined.											
923.5	941	Andesite - black, fine grain grading to medium.											
941	999.5	Andesite porphyry - fine grain grey quartz-filled fractures 960-960.2 weathered pyrite fracture.											
		END OF HOLE											

DRILLED BY_____

SIGNED_____

APPENDIX "C"

(Logs and Location Sketches for Canadian Nickel

DD Holes 42773-0
42774-0 (No Location Sketch available)
42775-0
42777-0 (No Location Sketch available)
42778-0 (No Location Sketch available)
48510-0
48515-0
48522-0
48524-0 (No log available)
48534-0)

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

KENORA MINING DIV. RECEIVED SEP 11 1970 AM 7,8,9,10,11,12,1,2,3,4,5,6 PM

52F/5 SE F-1

Check Sheet 70-00

ONTARIO

THE MINING ACT REPORT OF WORK

A separate form is required for each type of work to be recorded.

To the Recorder of Kenora Mining Division

I, Canadian Nickel Company Limited A 17527
name of Recorded Holder Miner's Licence

Copper Cliff, Ontario
Post Office Address

do hereby report the performance of 780 days of Diamond Drilling
type of work

not before reported to be applied on the following contiguous claims Rowan Lake M2580

Claim No.	Days	Claim No.	Days	Claim No.	Days
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	See Supplementary List 'A'		.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

All the work was performed on Mining Claim (s) K 210624 K 210626
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

See Supplementary List 'B'

Date September 8, 1970 W.V. Rodney
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, W. V. Rodney

4 A Peter St N. Copper Cliff, Ontario
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.

2. That the annexed report is true.

Dated September 8 1970 W.V. Rodney
Signature

K210624

42773-0
42774-0
42777-0
42778-0
42775-0

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500. OR SIX MONTHS IMPRISONMENT OR BOTH

Supplementary List 'A'

Claim No.	Days	Claim No.	Days	Claim No.	Days
K 210623	23	K 225828	22	K 226345	20
K 210624	23	K 225829	22	K 226346	20
K 210625	23	K 262335	20	K 226347	20
K 210626	23	K 226336	20	K 226348	20
K 210627	23	K 226337	20	K 226349	20
K 210628	23	K 226338	20	K 226355	20
K 210629	23	K 226339	20	K 226356	20
K 210630	23	K 226340	20	K 226357	20
K 210631	23	K 226341	20	K 226358	20
K 210632	23	K 226342	20	K 226359	20
K 225825	22	K 226343	20	K 226360	20
K 225826	22	K 226344	20	K 226361	20
K 225827	22				

Total No. of Claims: 37
Total No. of days filed: 780

September 4, 1970.

W. V. Rodney

K210624

Supplementary List 'B'

EXT d.d. hole 42773, located on Cl. K 210626, Angle -50°S, 193 ft. = 193 days
EXT d.d. hole 42774, located on Cl. K 210624, Angle -50°SW 187 ft. = 187 days
EXT d.d. hole 42777, located on Cl. K 210624, Angle -50°SW 200 ft. = 200 days
EXT d.d. hole 42778, located on Cl. K 210624, Angle -50°NE 200 ft. = 200 days

Total work available - 780 days
Work recorded as per Supplementary list 'A' - 780 days

Credits remaining - Nil

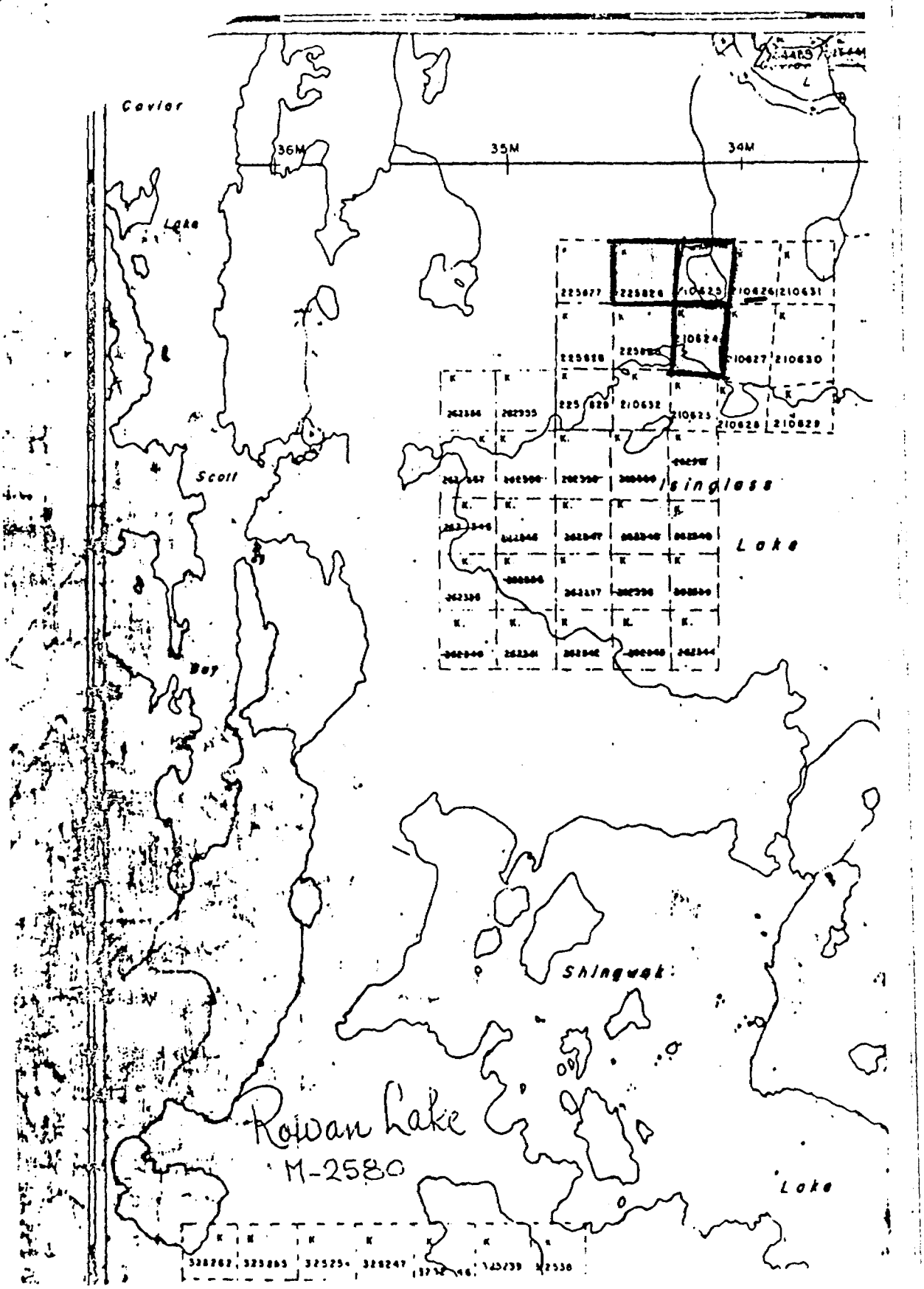
Drilling dates for the above four boreholes:

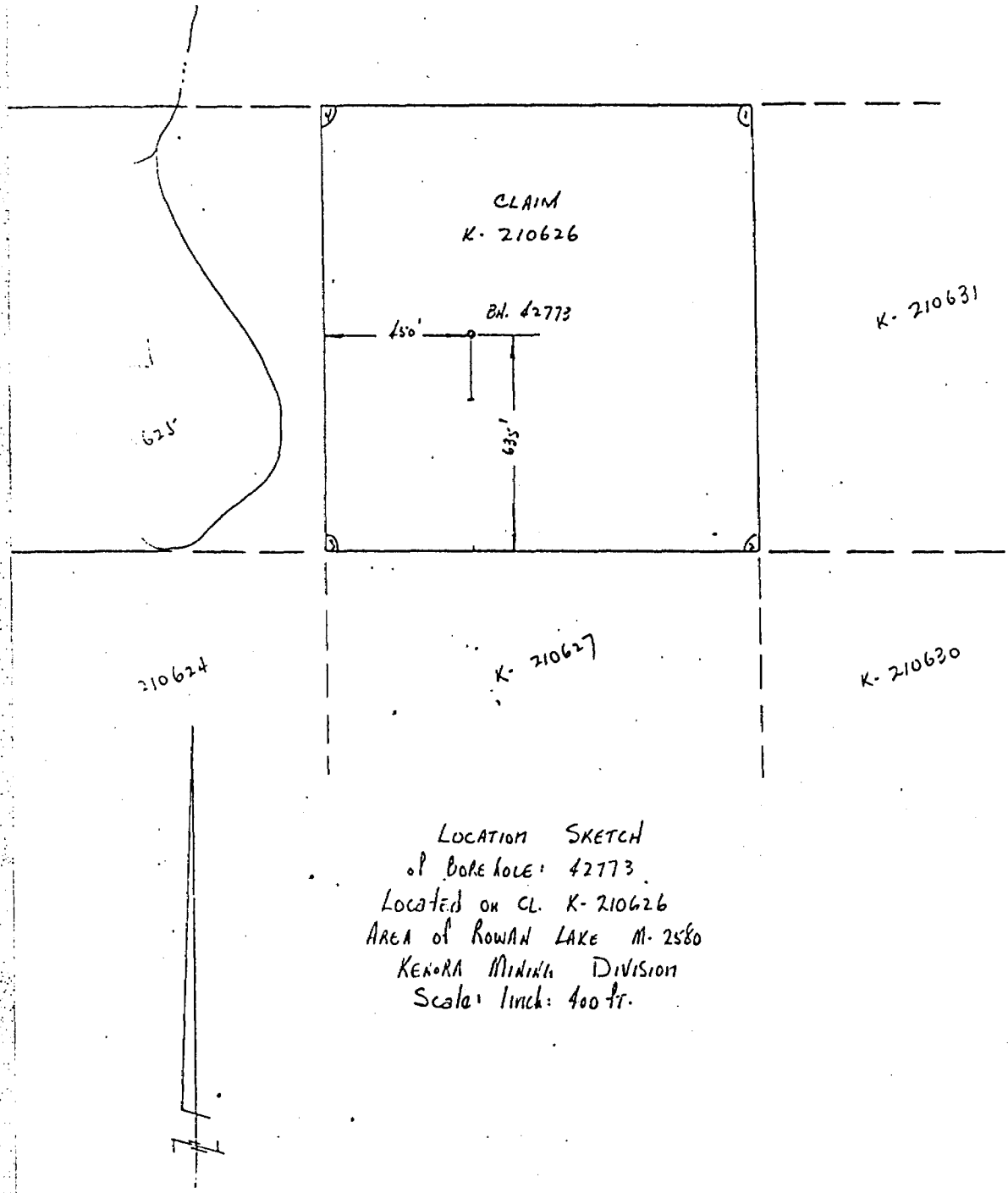
BH 42773 : July 27 - 30, 1970
BH 42774 : July 31 - August 3, 1970
BH 42777 : August 11 - 14, 1970
BH 42778 : August 15 - 16, 1970

by: Canadian Nickel Company Limited (Winkie Drill)
Copper Cliff, Ontario

September 8, 1970.

W. V. Rodney


Covior
Lake
Scott
Bay
36M
35M
34M
Singlass
Lake
Shingwak
Rowan Lake
M-2580
Lake



LOCATION SKETCH
of BORE HOLE: 42773
LOCATED ON CL. K-210626
AREA of ROWAN LAKE M-2580
KENORA MINING DIVISION
Scale: 1 inch = 400 ft.

52F/5 SE 1

BOREHOLE RECORD

DATE PROCESSED SEPT 01,1971

CHKD.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	
42773-0	KNAPPET OPTION	52F 5E	7		193	180 00	-50 00	N 1600	E 6800		SURF	DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..WM GREENEWEG STARTED..JULY 27,1970 COMPLETED..JULY 30,1970

COMMENTS

CANICO WINKIE EXT ALL CASING PULLED
CLAIM K 210626 635 FT N & 450 FT E OF POST 3

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0			COLLAR	
10.0	10.0			OB CLAY	
35.0	25.0		DIO	CG GRN GY META % FSP INCONSISTENT	
41.0	6.0	MVVH	DIO	AS ABOVE SPTS PY	
45.0	4.0		BSLT	FG GRN GY META	
68.0	23.0		DIO		
73.0	5.0		BSLT		
76.0	3.0		DIO		
83.0	7.0		BSLT		
86.0	3.0		DIO		
90.0	4.0		BSLT		
122.0	32.0		DIO		
125.8	3.8		BSLT		
142.0	16.2		DIO		
145.0	3.0		BSLT		
151.0	6.0		DIO		
154.6	3.6		BSLT		
165.1	10.5		DIO		
170.2	5.1		BSLT		
176.0	5.8		DIO		
178.5	2.5		BSLT		
189.0	10.5		DIO		
193.0	4.0		BSLT	FOOT OF HOLE	

DIO
BSLT

DATE PROCESSED SEPT 01,1970

BOREHOLE RECORD

DATE PROCESSED SEPT 01,1970

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	DATE
42774-0	KNAPPET OPTION	52F	5E	7	187	240 00	-50 00	N 250	E 5690			

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..WM GREENEWEG STARTED..JULY 31,1970 COMPLETED..AUG 03,1970

COMMENTS

CANICO WINKIE EXT ALL CASING PULLED
CLAIM K 210624 715 FT S & 660 FT W OF POST 1

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN ROCK	DESCRIPTION	ANG
0.0	0.0		COLLAR	
7.0	7.0		OB CLAY	
15.0	8.0	GAB	FG GY	
56.5	41.5	DIO	CG GY WHITE & REQ SPTS PY	
59.7	3.2	LC	NO CORE	
65.0	5.3	DIO	SPTS PY FG ALTE GREENISH	
71.6	6.6	DIO	CG GY SPTS PY	
87.7	16.1	DIO	ALTE	
92.4	4.7	GAB	MG ALTE CONTACT WITH BSLT 45 DGRS	45
93.4	1.0	BSLT	FG GY	
187.0	93.6	GAB	MG GY OCC SPTS PY FOOT OF HOLE	

BOREHOLE RECORD

BOREHOLE#	PROPERTY	NTS#		SH#	ANOM#	DEPTH	AZIMUTH	DIP	LA
42775-0	KNAPPET OPTION	52F	5E	7		197	225 00	-45 00	N

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	I

TOPS OF WEDGES

LOGGED BY..WIM GROENEWEG STARTED..AUG 04,1970 COMPLETED..AUG 07,1970 C
CI

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK		DESCRIPTION
0.0	0.0		COLLAR		
7.5	7.5	MVV	PXTE	CG	GY GRN 1% PY
11.7	4.2	MVVW	BSLT	MG	1% PY
18.3	6.6	MVVW	PXTE	CG	1% PO PY CP
22.2	3.9	MVVW	BSLT	CG	1% PY
27.0	4.8	MVV	PXTE	CG	1% PO PY CP PN
31.0	4.0	MVVW	BSLT	CG	1% PY CP
32.0	1.0	MVV	GAB	CG	2% PO PY CP PN
33.7	1.7	MVVW	GAB	CG	1% PY
36.8	3.1	MVVW	GAB	MG	1% PY CONTACT 45 DG
40.0	3.2		GAB	CG	
42.1	2.1	MVV	PXTE	CG	2% PY
43.4	1.3	MVVW	GAB	CG	1% PY
45.3	1.9	MVV	PXTE	CG	2% PO PY CP PN
50.0	4.7	MVVW	BSLT	CG	1% PO PY CP PN
60.0	10.0		BSLT	FG	GY
65.0	5.0		GAB	FG	GY
70.0	5.0	MVVW	GAB	MG	GRN GY 1% PY PN
75.0	5.0	MVV	PXTE	CG	GRN GY 2% PO PY PN
80.0	5.0	MVVW	GAB	MG	GY 1% PY
85.5	5.5	MVVW	GAB	DTTO	1% PY PN
100.0	14.5		BSLT	FG	GY
103.5	3.5	MVV	GAB	CG	1-2% PY CP PN
110.0	6.5	MVVW	GAB	CG	1% PY CP PN
113.0	3.0		LC	NO	CORE
117.0	4.0		BSLT	FG	GY
125.0	8.0	MVVW	GAB	CG	1% PY CP PN
131.6	6.6	MVVW	GAB	MG	1% PY CP PN
133.9	2.3	MVVW	BSLT	FG	1% PY
140.0	6.1	MVVW	GAB	MG	1% PY
148.5	8.5	MVVW	GAB	MG	SPTS PO CP PN
153.0	4.5	MVVW	GAB	CG	1% PY
156.1	3.1	MVVW	GAB	CG	1% PY PO PN
163.0	6.9		BSLT		
197.0	34.0		DIA	CG	FOOT OF HOLE

DATE PROCESSED AUG 27,1971

CHK'D.....

TITUDE DEPARTURE	ELEVATION	LEVEL	
590 E	5090	1065	DATE.....

DIP	DEPTH	AZIMUTH	DIP

COMMENTS

AMICO WINKIE EXT ALL CASING PULLED
LAIM K 210624 250 FT S & 200 FT E OF POST 4

ANG

RS 45

BOREHOLE RECORD

DATE PROCESSED SEPT 01,1970

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
42777-0	KNAPPET OPTION	52F	5E	7	200	225 00	-50 00	N 600	E 5200		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..PR PLANCHARD STARTED..AUG 11,1970 COMPLETED..AUG 14,1970 CANICO WINKIE EXT ALL CASING PULLED
CL K210624 250 FT S & 300 FT E OF POST 4

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0			COLLAR	
5.0	5.0			OB CLAY	
12.7	7.7		BSLT	DK GRN FG APNC FEW SPK PY	30
21.7	9.0		BSLT	AS ABOVE	
23.8	2.1		GN	PEGTC GRN BRWN FG WTRD CT 45	30
54.2	30.4		GAB	GRN GY FG PEG STRS FEW SPKS PY ON SHRG	30
65.0	10.8		BSLT	GRN GY FG STRS OLVN	30
70.0	5.0	MVVW	BSLT	DTTO FEW SPKS PY	
73.4	3.4	MVVW	BSLT	GRN GY FG STRS OLVN FEW SPKS PY 1%	
79.1	5.7	MVVW	BSLT	AS ABOVE	
86.8	7.7		BSLT	GRN GY FG	30
91.7	4.9	MVVW	BSLT	DTTO FEW SPKS PY	25
97.2	5.5	MVW	BSLT	GRN GY FG OLVN STRS 1% PY	
100.7	3.5	MVVW	BSLT	GRN GY FG FEW SPKS PY	
101.4	0.7	MS	BSLT	GRN GY FG MASS PY 70%	
105.0	3.6	MVVW	BSLT	GRN GY FG QTZ VEIN 1 INCH WIDE AT 102.3 SPKS PY 1%	
110.0	5.0	MVVW	BSLT	GRN GY FG SPKS PY 1%	
125.0	15.0		BSLT	AS ABOVE	
150.0	25.0		DIO	BRWN & PK FG FELS FEW SPKS PY	45
152.2	2.2		BSLT	GRN GY FG	
155.1	2.9	MVVW	DIO	BRWN FG SPKS PY 1%	
157.2	2.1	MW	BSLT	GRN & GY MASS PY 10%	30
162.3	5.1	MVVW	BSLT	GRN & GY SPKS PY 1%	
168.3	6.0		BSLT	AS ABOVE	
172.8	4.5		GAB	GRN & GY FG FEW SPKS PY	
181.5	8.7		BSLT	GRN & GY FG	30
186.5	5.0	MVVW	BSLT	DTTO SPKS PY 1%	
187.1	0.6	MVW	BSLT	DTTO SPKS PY 4%	
192.3	5.2	MVVW	BSLT	DTTO SPKS PY 1%	
192.7	0.4	MW	BSLT	GRN & GY FG MASS PY 25%	
197.7	5.0	MVVW	BSLT	GRN & GY FG OLVN STRS SPKS PY 1%	
200.0	2.3		BSLT	AS ABOVE FOOT OF HOLE	

BOREHOLE RECORD

DATE PROCESSED SEPT 01,1970

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
42778-0	KNAPPET OPTION	52F	5E	7	200	045 00	-50 00	N 300	E 4900		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..FR PLANCHARD STARTED..AUG 15,1970 COMPLETED..AUG 16,1970

COMMENTS

CANICO WINKIE EXT 5 FT CASING LEFT IN HOLE
CL K210624 550 FT S & 00 FT E OF POST 4

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0			COLLAR	
4.3	4.3			OB CLAY	
10.0	5.7		GAB	GRN GY MG FEW SPKS PY	
15.0	5.0	MVVW	GAB	DITO SPKS PY 1%	
16.4	1.4	MVVW	DIO	GRN GY FSP LT GRN & PK FEL CNTN URIS IN SAMPLE SPOTS SPKS PY 1%	
17.1	0.7	MVW	DIO	DITO MASS PY 1% & 2% STR	
17.6	0.5	MVW	GAB	GRN GY MG GRLR CT AT 25 FEW SPK PY	
19.1	1.5	MVVW	DIO	1% GR GY FEL GY & PK FEL CNTN URIS MASS PY ON SLIP PLNS 1%	60
19.9	0.8	MVVW	GAB	DK GRN GY MG	
22.0	2.1	MVVW	DIO	DK GRN PK MG SPTS FEL CNTN URIS FEW SPKS PY 1%	
24.2	2.2	MVVW	GAB	DK GRN GY MG SPKS PY 1%	
26.5	2.3		DIO	DK GRN PK MG SPTS FEL CNTN URIS FEW SPKS PY 1%	
33.7	7.2		GAB	GY GRN MG FEW SPKS PY	
37.8	4.1		DIO	GN TXTR GY BRWN	
39.1	1.3		LC		
40.0	0.9		DIO	GN TXTR GY BR FG	
41.1	1.1		LC		
42.9	1.8		DIO	GN TXTR FG GY BR	
45.0	2.1		QTE	FG GY	
50.0	5.0		BSLT	FG CLC STRS DK GRN GY	25
55.0	5.0	MVVW	GAB	DK GRN GY MG DISS PY 1%	30
55.5	0.5	MVVW	GAB	DITO MASS PY 1%	
58.2	2.7	MVVW	GAB	DITO FEW SPKS PY 1%	
61.2	3.0	MVVW	DIO	GR GY SPOTS FEL PK CNTN URIS	
74.7	13.5		GAB	MG DK GRN GY	
76.7	2.0		DIO	GR GY SPTS PK FEL CNTN URIS	
80.8	4.1		GAB	MG DK GY	30
81.6	0.8		BAS	FG CALC STR ALONG CORE SPKS PY	
82.5	0.9		GRGN	GRLR GY BRWN FEW SPKS PY	
96.6	14.1		GAB	GRN GY MG FEW SPKS PY	
98.7	2.1		DIO	LT GRN GY HIGH FEL CONTENT SMALL QTZ VINS	
101.5	2.8		GAB	DK GY MG	
105.0	3.5	MVVW	PRDT	DK GRN MG ODD SPKS PY 1%	40

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
107.2	2.2	MVVW	GAB	GY GRN MG,	
110.0	2.8	MVW	GAB	DITO SPKS PY 1%	
115.0	5.0	MVVW	GAB	SPKS PY 1%	
122.8	7.8		GAB	AS ABOVE	
127.8	5.0	MVVW	GAB	DITO SPKS PY 1%	
128.2	0.4	MW	GAB	DITO MASS PY 40% SPKS CP	
133.2	5.0	MVVW	GAB	DITO SPKS PY 1%	
149.3	16.1		GAB	AS ABOVE	
154.2	4.9		DIO	LT GRN GY MG	
155.0	0.8		GAB	GY GRN MG	
160.0	5.0	MVVW	GAB	DITO SPKS PY 1%	
165.0	5.0	MVW	GAB	GY GRN FG PY 1% FEW CP SPKS	
170.0	5.0	MVW	GAB	AS ABOVE	
175.0	5.0	MVVW	GAB	GY GRN MG SPKS PY 1%	
176.5	1.5	MVVW	DIO	GY GRN MG SPKS PY CP 1%	
181.5	5.0	MVVW	GAB	GY GRN MG SPKS PY CP 1%	
186.0	4.5	MVVW	GAB	DITO SPKS PY CP 1%	
200.0	14.0		DIO	GRN GY WHITE & PK FEL CNTN UPTS	
				FOOT OF HOLE	

52F/5SE F-3

72-12

KENORA MINING DIV.
RECEIVED
MAR 14 1972
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

ONTARIO

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of Kenora Mining Division

I, R. V. Knappett, 372 Bay Street, Toronto 1, Ontario A 35220
name of Recorded Holder Miner's Licence

Canadian Nickel Company Limited, Copper Cliff, Ontario A 17527
Post Office Address

do hereby report the performance of 1,510 days of Diamond Drilling
type of work

not before reported to be applied on the following contiguous claims Rowan Lake M-2580

Claim No.	Days	Claim No.	Days	Claim No.	Days
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	See Supplementary List 'A'		.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

All the work was performed on Mining Claim (s) K 210624, K 210632, K 262360
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

ONT. DEPT. OF MINES
RECEIVED
MAY 10 1972
Resident Geologist, Kenora, Ont.

See Supplementary List "B"

Date March 13, 1972 W. V. Rodney
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, W. V. Rodney

41 Peter Street North, Copper Cliff, Ontario
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.

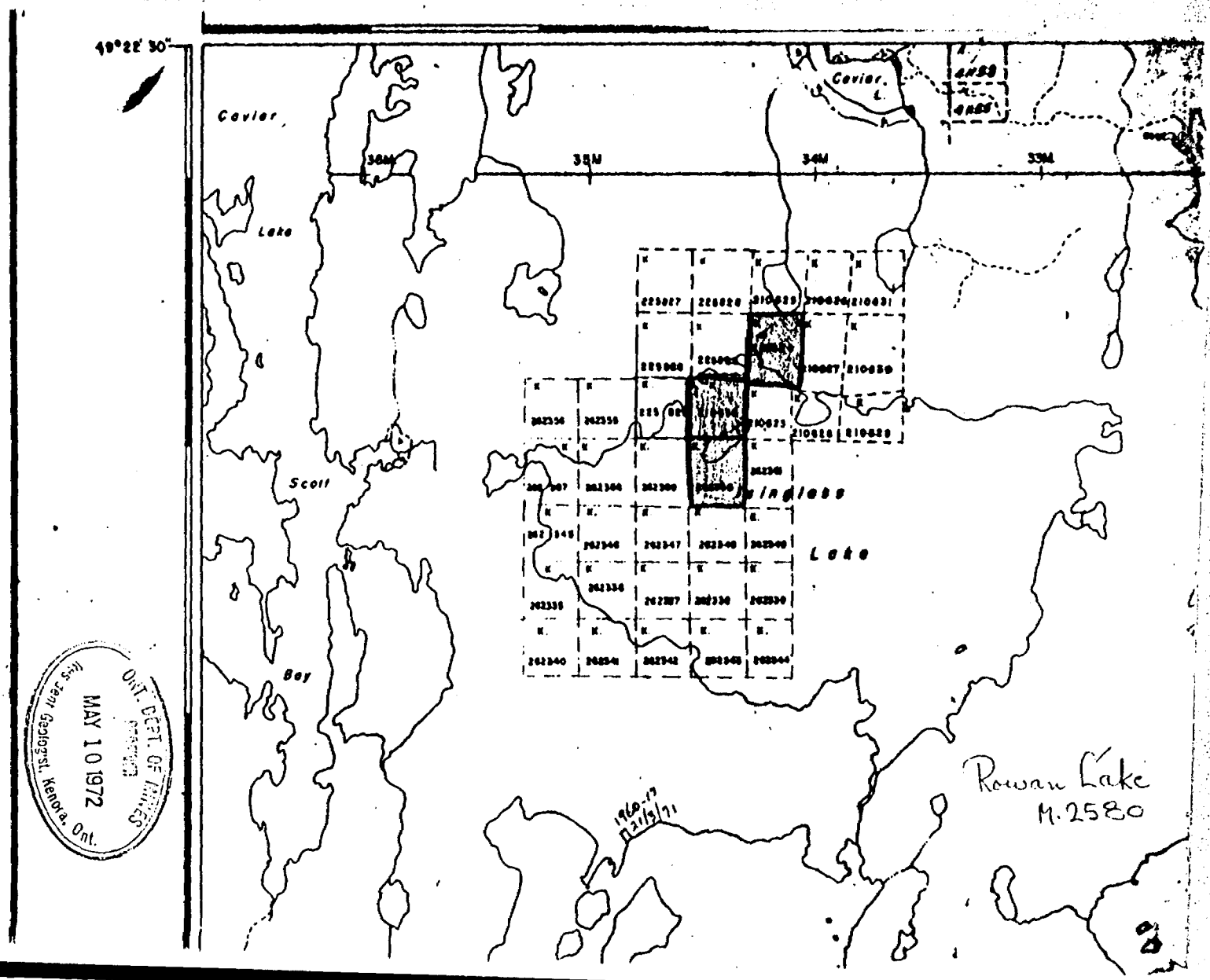
2. That the annexed report is true.

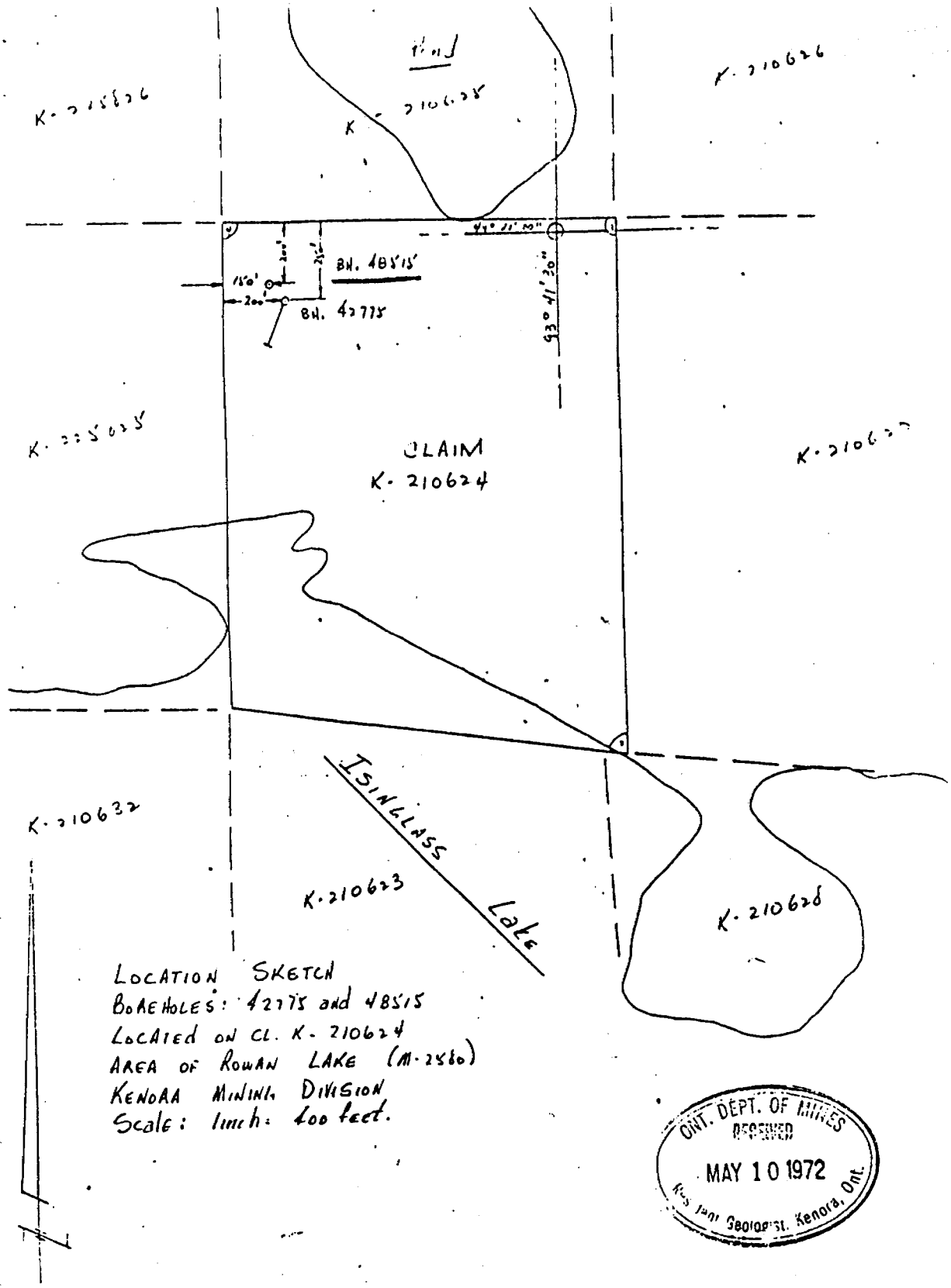
Dated March 13, 1972 W. V. Rodney
Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500. OR SIX MONTHS IMPRISONMENT OR BOTH

48515
48522

K 210624


49°22' 30"
Covior
Covior L.
35N
34N
33N
Lake
Scott
Bay
Lake
Rowan Lake
M.2580
1960-17
21/9/71
MAY 10 1972
ONT. DEPT. OF MINES
Mines Geological Branch Kenora, Ont.



LOCATION SKETCH
BOREHOLES: 42775 and 4BS15
LOCATED ON CL. K. 210624
AREA OF ROWAN LAKE (M. 2560)
KENORA MINING DIVISION
Scale: 1 inch: 400 feet.

BOREHOLE RECORD

DATE PROCESSED AUG 27,1971

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LAT	TUDE	DEPARTURE	ELEVATION	LEVEL	
48515-0	KNAPPET OPTION	52F 5E			704		-90 00	N	585	E 5050	1059	SURF	DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-90 00	200		-90 00	300		-89 00	400		-90 00	500		-89 00
600		-90 00	700		-89 00									

TOPS OF WEDGES

LOGGED BY..WIM GROENEWEG STARTED..MAR 11,1971 COMPLETED..MAR 16,1971

COMMENTS

BRULEY BROS BBS-1 AXT ALL CASING PULLED
CL K210624 200 FT S & 150 FT E OF POST 4

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANO
0.0	0.0			COLLAR	
6.0	6.0			OB	
11.0	5.0	MVW	PXTE	META GRN CG MASS SMALL B	BS SULP
				1% PY PO CP PN	
16.0	5.0	MVW	PXTE	AS ABOVE BLBS SULP UP TO	1/2 INCH
				DIAM IREG DISS 2% PO 1% C	1% PY PN
21.0	5.0	MVW	PXTE	AS TO 16.0	
25.2	4.2	MVW	PXTE	AS TO 16.0	
29.8	4.6	MVW	BSLT	GY-GRN FG MASS 1% PO 1%	Y 1% CP
34.7	4.9	MVW	PXTE	AS TO 16.0 PN IN PY	
41.0	6.3	MVVW	PXTE	MG SOME CG SECTIONS 1%	O CP PY
43.7	2.7	MVW	PXTE	AS TO 16.0 1% PY 1% PO	P PN
44.7	1.0	MVVW	PXTE	MG 1% PY PO CP	
50.5	5.8	MVW	PXTE	AS TO 43.7	
55.0	4.5	MVW	PXTE	AS ABOVE 2% PO PY 1% CP	PN
60.0	5.0	MVW	PXTE	AS ABOVE 1% PO 1% CP PN	PY
65.0	5.0	MVW	PXTE	2% PO 1% CP PN PY	
70.0	5.0	MVW	PXTE	1% PO 1% PY 1% CP PN	
74.0	4.0	MVVW	BSLT	FG 1% PY TRC CP	
78.0	4.0	MVW	BSLT	MG TO CG 1% PY 1% PO CP	PN
88.0	10.0	MVVW	BSLT	FG TO MG 1% PY TRC CP P	
93.0	5.0	MVVW	BSLT	AS ABOVE	
102.0	9.0	MVVW	BSLT	AS ABOVE	
107.0	5.0	MVVW	BSLT	FG MASS SULP DISS 1% PY	TRC CP
117.0	10.0	MVVW	PXTE	MG VERY ALTE TRC PY	
127.0	10.0	MVVW	PXTE	AS ABOVE	
137.0	10.0	MVVW	PXTE	CG META TRC PY PO CP	
147.0	10.0	MVVW	PXTE	AS ABOVE	
157.0	10.0	MVVW	PXTE	AS ABOVE	
162.0	5.0	MVVW	PXTE	CG META 1% PO CP	
167.0	5.0	MVVW	PXTE	CG META TRC PO	
172.0	5.0	MVVW	PXTE	AS ABOVE	
177.0	5.0	MVVW	PXTE	CG META SULP DISS 1% PY	CP
187.0	10.0	MVVW	PXTE	DITO TRC PO CP	
197.0	10.0	MVVW	PXTE	DITO	
222.0	25.0		PXTE	DITO	
227.0	5.0	MVVW	PXTE	DITO	

ONT. DEPT. OF MINES RECEIVED MAY 10 1972 Resident Geologist, Kenora, Ont.

PYTE
FOLT

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION
229.5	2.5	MVW	PXTE	DTTO 2% PO 1% CP TRC PN
234.5	5.0	MVW	PXTE	DTTO 5% PO 1% CP TRC PN
239.5	5.0	MVW	PXTE	DTTO 2% PO 1% PY 1% CP
247.0	7.5	MVW	PXTE	AS TO 239.5
252.0	5.0	MVW	PXTE	2% PO 1% CP TRC PN
254.0	2.0	MVVW	PXTE	LESS ALTE TRC PO CP
262.5	8.5	MVW	PXTE	AS TO 252.0
264.7	2.2	MVVW	PXTE	AS TO 254.0
271.4	6.7	MVW	PXTE	AS TO 252.0
277.0	5.6	MVW	PXTE	DTTO
282.0	5.0	MVVW	PXTE	TRC PO CP
287.0	5.0		PXTE	DTTO
290.8	3.8	MVVW	PXTE	DTTO
292.8	2.0	MVW	PXTE	AS TO 252.0
297.0	4.2	MVVW	PXTE	AS TO 282.0
312.0	15.0		PXTE	DTTO
315.5	3.5	MVVW	PXTE	DTTO
322.0	6.5	MVW	PXTE	1% PO CP PN
327.0	5.0	MVVW	PXTE	AS TO 282.0
357.0	30.0		PXTE	DTTO
362.0	5.0	MVVW	PXTE	DTTO
367.6	5.6	MVW	PXTE	1% PO CP
372.6	5.0	MVVW	BSLT	1% PO
374.8	2.2	MVW	PXTE	AS TO 252.0
376.8	2.0	MVVW	BSLT	MG TRC PO
382.0	5.2	MVVW	BSLT	CG +MG BANDS 1% PO CP
387.0	5.0	MVW	BSLT	CG 1% PO 1% PY 1/2% CP
394.0	7.0	MVVW	BSLT	CG ALTE MG SECTIONS TRC
425.0	31.0		PXTE	DTTO
435.0	10.0		PXTE	FG 2 PEG VEINS 1 INCH WI
439.0	4.0	MVVW	BSLT	DTTO
443.0	4.0	MVW	BSLT	MG 1% PO 1% CP
445.6	2.6	MVVW	PXTE	FG
453.0	7.4	MVW	PXTE	CG 2% PO 1/2% CP
458.0	5.0	MVW	PXTE	DTTO
463.0	5.0	MVW	PXTE	DTTO
468.0	5.0	MVW	PXTE	DTTO
473.0	5.0	MVW	PXTE	1% PO PY 1/2% CP
478.0	5.0	MVW	PXTE	DTTO
483.0	5.0	MVW	PXTE	DTTO
488.0	5.0	MVW	PXTE	DTTO
493.0	5.0	MVW	PXTE	DTTO
498.0	5.0	MVW	PXTE	DTTO
503.0	5.0	MVW	PXTE	DTTO
508.0	5.0	MVW	BSLT	DTTO
513.0	5.0	MVW	BSLT	DTTO
518.0	5.0	MVW	PXTE	DTTO
522.0	4.0	MVW	PXTE	2% PY 1/2% CP
527.0	5.0	MVW	PXTE	DTTO
533.0	6.0	MVW	PXTE	DTTO
536.0	3.0	MVVW	BSLT	FG SMALL FSP PHCR GRN GY DGRS TRC PY
541.5	5.5		BSLT	DTTO
548.5	7.0		GAB	CG TRC PY CONTACT 45 DGR
621.5	73.0		BSLT	FG GRN GY SOME FSP STRS

ANG

TRC PN

PY PO CP

DE YRC PO CP

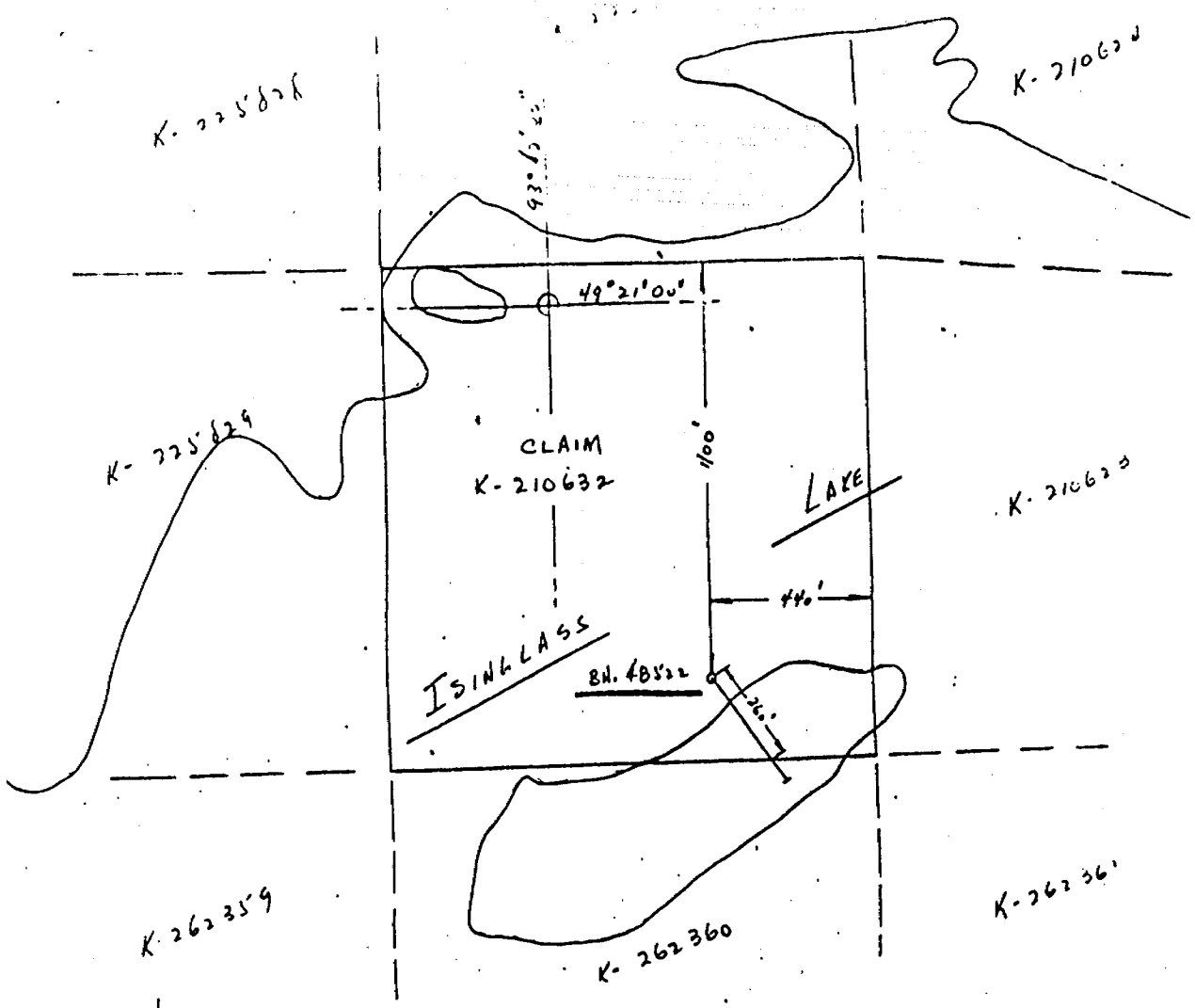
CONTACT 45

S

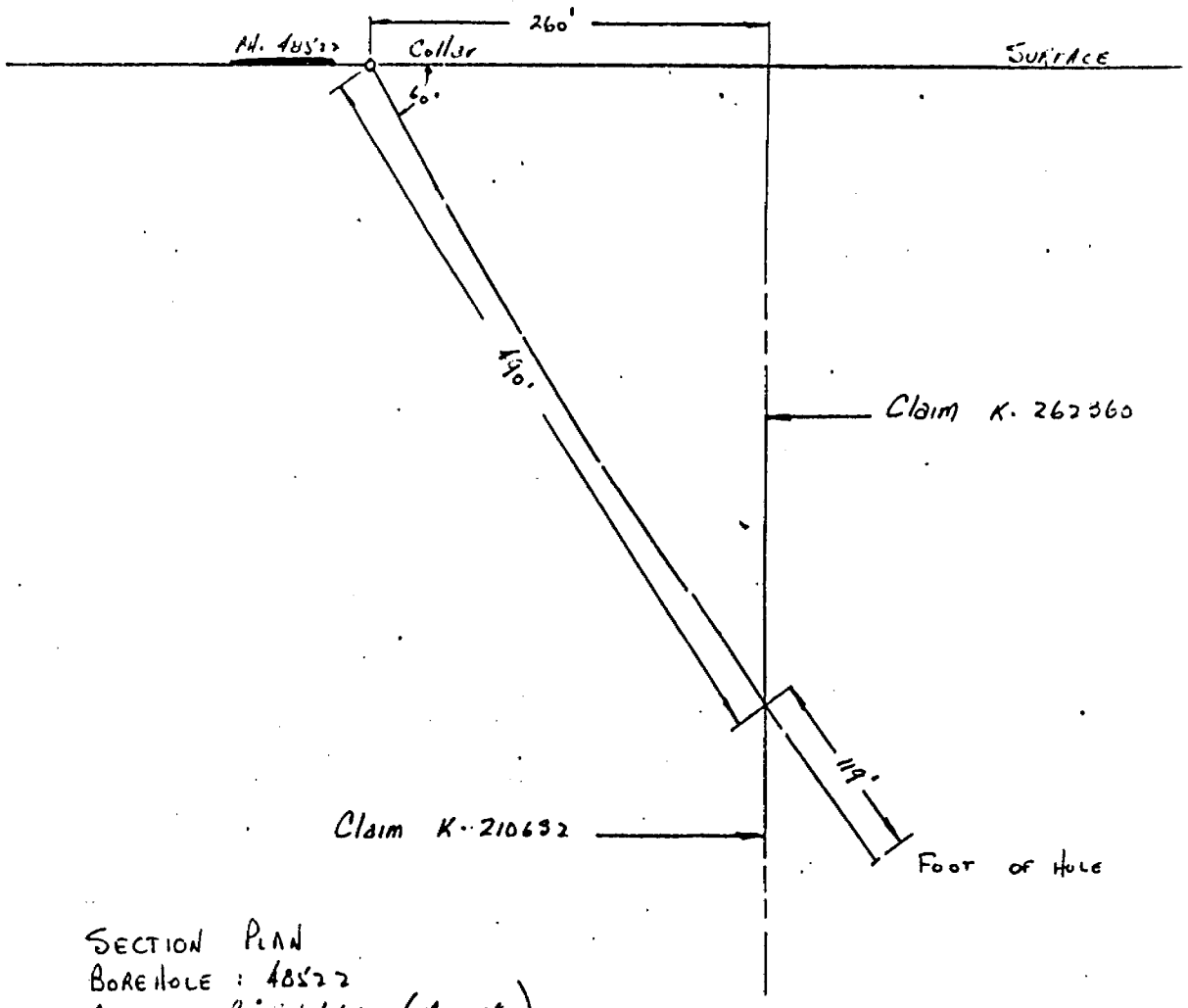
TRC PY 45

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
622.0	0.5	NVVW	PXT BK MASS		45
651.0	29.0		BSLT AS TO 621.5		
657.5	6.5		GAB MG TRC PY		
704.0	46.5		BSLT AS TO 621.5	FOOT OF HOL E	45

ONT. DEPT. OF MINES
RECEIVED
MAY 10 1972
Resident Geologist, Kenora, Ont.



LOCATION SKETCH
BOREHOLE : 48522
COLLARED ON CL. K-210632
AREA OF ROWAN LAKE (M-2580)
KENORA MINING DIVISION
Scale : 1 inch. 400 feet.



SECTION PLAN
BOREHOLE : 48522
AREA OF ROWAN LAKE (M-2580)
KENORA MINING DIVISION
Scale : 1 inch = 100 ft.

BOREHOLE RECORD

DATE PROCESSED AUG 27,1971

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	CHK'D.....
48522-0	KNAPPET OPTION	52F5E	7		609	150 00	-60 00	

ITUDE	DEPARTURE	ELEVATION	LEVEL	
1285	E 4360		SURF	DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH
100		-59 00	200		-59 00	300		-55 30	400	
600		-54 15								

IP	DEPTH	AZIMUTH	DIP
30	500		-55 30

TOPS OF WEDGES

LOGGED BY..D R WADGE STARTED..MAR 18,1971 COMPLETED..MAR 24,1971

COMMENTS

ADLEY BROS BBS1 AXT 24FT AW 20FT BW 26FT NW & IO HW
S + SHOE BITS LEFT CL 210632 110DS & 440W WITNESS

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPT
0.0	0.0			COLLAR
104.0	104.0			CAS IN OB
114.5	10.5		GAB	META MG GRN 70% MFC MNOR SCTD SPKS PY
119.5	5.0	MVVW	GAB	AS ABOVE SPKS PY PO
125.8	6.3	MVW	GAB	META MG GRN VRNG DGR SHRS 3% SCTD SPKS PY
130.8	5.0	MVVW	GAB	META MG GRN 80% MFC MNOR SPKS PY JNTS PAR
140.4	9.6		GAB	META MG GRN 75% MFC MNOR HEM MNOR SPKS PY
143.3	2.9		GAB	META MG GRN 80% MFC SRPN MNOR MT SOME LIM
143.8	0.5		QTE	FG RED LCHD LIM MNOR
155.4	11.6		GAB	META MG GRN 70% MFC MNOR HEM MNOR SPKS PY
155.7	0.3		QTE	FG LCHD LIM MNORMT
167.9	12.2		GAB	AS TO 155.4
172.9	5.0		TUFF	ACID FG GY BK INCS M
173.4	0.5		QTE	LCHD LIM MNOR MT
178.3	4.9		TUFF	AS TO 172.9
219.7	41.4		GAB	META MG GRN 80% MFC MNOR HEM SOME LIM & C SPKS PY
224.7	5.0	MVVW	GAB	META MG GRN 80% MFC SPKS PY
234.7	10.0	MVVW		MG GRN MTC SOME SRPN
234.9	0.2		QTZ	WH LCHD 10% MT BLBS
244.9	10.0	MVVW		AS TO 234.7 2% MT SC
251.1	6.2	MVVW		AS TO 234.7 BLBS ANC
256.1	5.0	MVVW	GAB	META MG GRN 80% MFC
272.7	16.6		GAB	AS ABOVE
273.0	0.3		GAB	META MG DK GY LCHD \
334.3	61.3		GAB	META MG GRN 80% MFC SOME SRPN MNOR SPKS F SOME LCHD & MTC SCNS
339.3	5.0	MVW	GAB	META MG GRN 80% MFC

ANG

SOME SRPN

C SOME SRPN 05
PO JNTS
SOME SRPN 05
L TO AXIS
DGRS MTC

MTC HEM

SRPN SHRS

DGRS MTC
INS MNOR

MTC MNOR

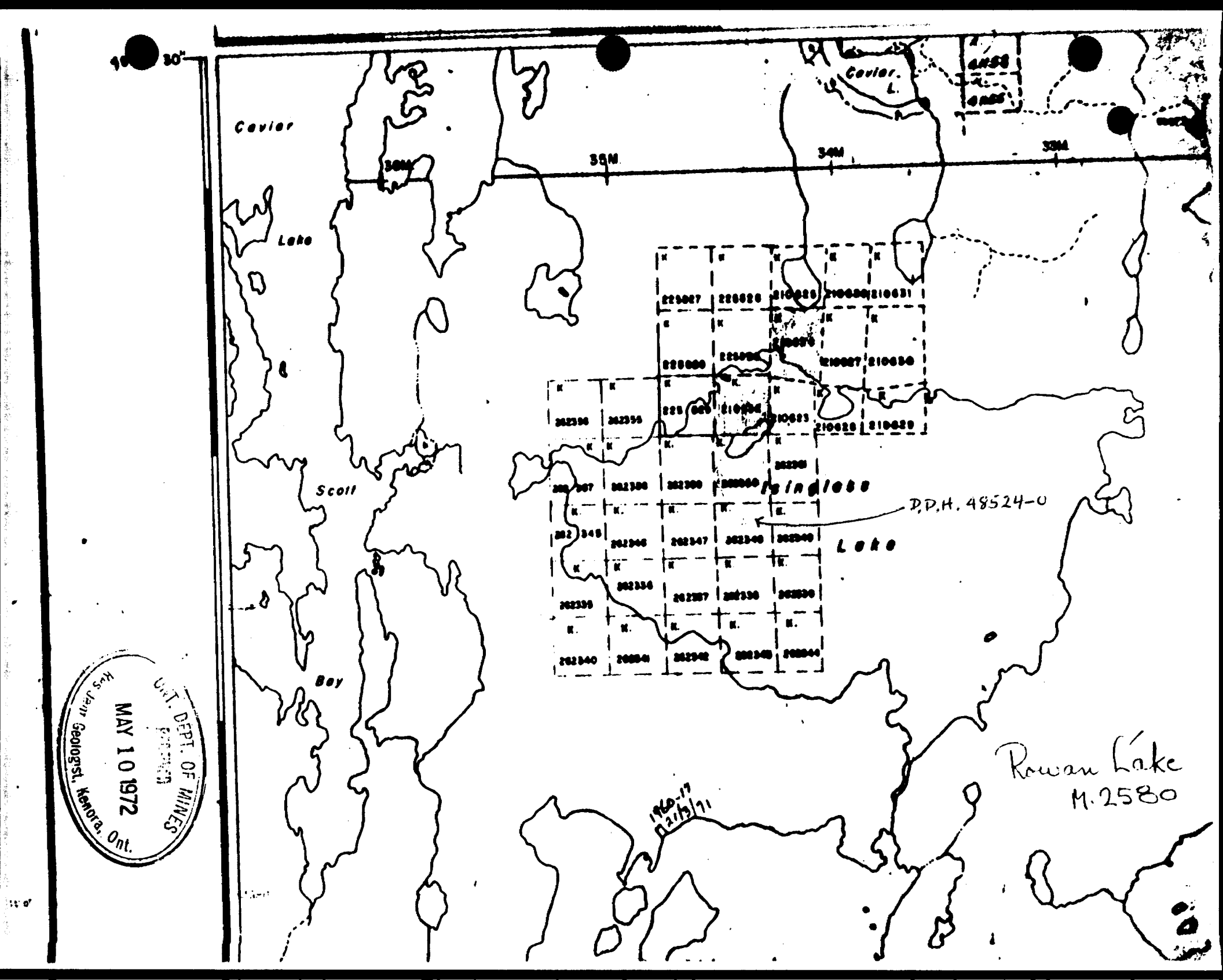
R SPKS PY
CTN NO
ARALLEL JNTS
S LIMONITE
MTC

MTC MT

DGRS MTC
RB STRS
DIAC TXTR
MTC 1% PY

DEPTH	LENGTH	HNZN	ROCK	DESCRIPTION	ANG
345.0	5.7	MVW	DIA	MG GRN MTC 40%HBLD LT PK	MTx 1% PY
350.0	5.0	MVVW	GAB	META MG GRN 80% MFC MTC	MNOR SPKS PY
450.8	100.8		GAB	META MG GRN 85% MFC URNG SRPN MNOR HEM MNOR SPKS P	DGRS MTC Y
460.2	9.4		GAB	META MG GRN DK GY MTC MU UVGS & XTLS LCHD 80% MFC PY	ICH CARB INCS MNOR SPKS
461.8	1.6		SEAM	WTR & LC	
477.9	16.1		GAB	META MG GRN MTC 85% MFC CARB INCS WITH VUGS & XTL STNG MNOR SPKS PY	SOME LCHD S MNOR HEM
479.0	1.1		QTE	FG WH INCS MYGB & CARB	
486.7	7.7		GAB	META MG GRN 80% MFC URNG INCS CARB LCHD WITH VUGS STND MNOR SPKS PY	DGRS MTC & XTLS HEM
490.8	4.1	MVVW	GAB	META MG GRN MTC CARB STR CARB INCS & VINS LCHD VUG HEM STND THIS SCTN 1.5 FT	S & QTZ & S & XTLS LONG 1% PY
492.8	2.0		SEAM	WTR & LC	
494.1	1.3	MVVW	GAB	AS TO 490.8	
498.7	4.6	MVVW	BSLT	FG TO MG GRN MTC MNOR SP & QTZ BND AT 498.1 TO 498 VUGS & XTLS LIM MT	KS PY CARB .7 LCHD
499.6	0.9		SEAM	WTR & LC	
509.6	10.0	MVVW	BSLT	FG TO MG GRN MTC CARB ST & LIM MNOR SPKS PY	KS MNOR HEM
519.6	10.0	MVW	BSLT	FG TO MG GRN MTC CARB ST SPKS	RS 2% PY
529.6	10.0	MVW	BSLT	AS ABOVE PATCHES EPIDOTE	LIMONITE MT
539.6	10.0	MVW	BSLT	FG TO MG GRN-GY MTC CARB SPKS MNOR HEM VUGGY	STRS 1% PY
549.6	10.0	MVW	BSLT	AS ABOVE BCKY & BRKN EPI	DOTE STRS PY
559.6	10.0	MVVW	BSLT	FG TO MG GRN MTC MNOR SP	KS PY EPID
569.6	10.0	MVVW	BSLT	FG TO MG GRN-GY MTC CARB CG BCKY & BRKN MNOR SPKS	STRS SOME PY EPID ALT
579.6	10.0	MVVW	BSLT	FG TO MG GRN MTC CARB & MNOR SPKS PY EPID ALTN SI	QTZ STRS DERITE
589.6	10.0	MVW	BSLT	FG TO MG GRN MTC CARB & PY EPIDOTE BNDS	QTZ STRS 1%
599.6	10.0	MVW	BSLT	FG TO MG GRN MTC CARB ST	KS 2% PY
609.0	9.4	MVVW	BSLT	FG TO MG GRN MTC CARB ST MNOR SPKS PY EPIDOTE FOOT OF HOLE	RS MNOR HEM

ONT. DEPT. OF MINES
MAY 10 1972
Mining Geologist, Kenora, Ont.


Cavior
Cavior L.
35M
34M
33M
Lake
Scott
Bay
Lake
D.D.H. 48524-0
Rowan Lake
M.2580
MAY 10 1972
ONT. DEPT. OF MINES
Mining Geologist, Kenora, Ont.

F-4

RECEIVED
SEP 29 1973
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

MINISTRY OF NATURAL RESOURCES
RECEIVED
DEC - 4 1973
REGIONAL OFFICE, KENORA

75-87
52 F/15 E

A separate form is required for each type of work to be recorded.

ONTARIO

THE MINING ACT REPORT OF WORK

To the Recorder of KENORA Mining Division

I, RODNEY KNAPPETT (name of Recorded Holder) A-35220 (Miner's Licence)

10 SECROFT CRESCENT - DRYDEN - ONT. (Post Office Address)

do hereby report the performance of 1510 days of DIAMOND DRILLING (type of work)

not before reported to be applied on the following contiguous claims ROWAN LAKE M-2580

Claim No.	Days	Claim No.	Days	Claim No.	Days
210623	100	210629	100	225827	100
210624	100	210630	100	225828	100
210625	100	210631	100	225829	100
210626	100	210632	100		
210627	100	225825	100		
210628	100	225826	100		

48510
48534

All the work was performed on Mining Claim (s) K210624 & K210625
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

	Hole No	Footage	
A Core	48510 ✓	705'	-45°
	48534 ✓	807'	-50°

BRADLEY BROS. for INCO

Date Sept. 26/73

R Knappett
Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, RODNEY KNAPPETT

10 SECROFT CRES. DRYDEN - ONT
(Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed same during and/or after its completion.

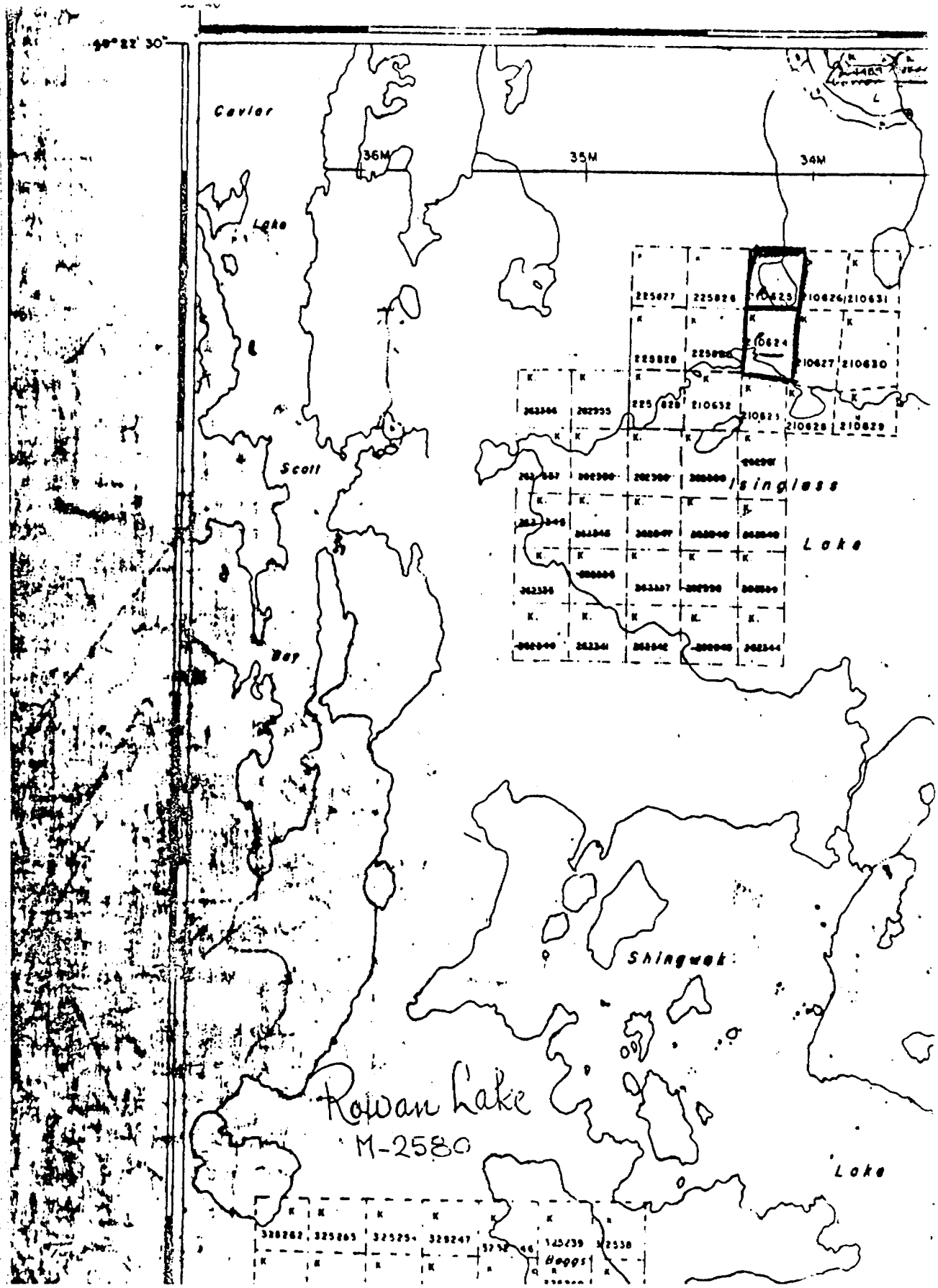
2. That the annexed report is true.

Dated Sept. 26 1973

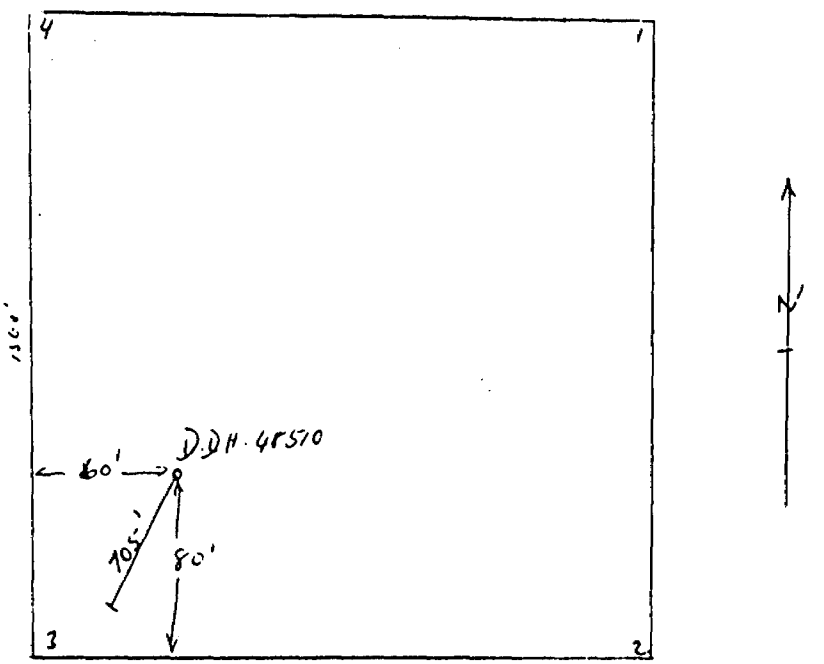
R Knappett
Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500. OR SIX MONTHS IMPRISONMENT OR BOTH

K210624


90° 22' 30"
Cavior
36M
35M
34M
Lake
Scott
Bay
Singlass
Lake
Shingwak
Rowan Lake
M-2580
Lake
225827
225826
210625
210626/210631
210624
225828
210627
210630
225829
210632
210628
210629

D.D.H 48510. Az.- 225° D/ 45°
(SHIDLEY BROS for INCO
JAN 1971



CLAIM 21062S

N. Kamm
Apr '72

BOREHOLE RECORD

DATE PROCESSED OCT 26,1972

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	
48510-0	KNAPPETTOPTION	52F 5E			705	225 00	-50 00	N 930	E 4940	1034	SURF	DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-46 45	200		-46 45	300		-47 30	400		-48 00	500		-48 00
600		-48 30	700		-49 00									

TOPS OF WEDGES

LOGGED BY..D R WADGE STARTED..JAN 14,1971 COMPLETED..JAN 22,1971

COMMENTS

BRADLEY BROS B65I AXT 18 FT CAS & SHOE BIT LEFT CL 210625 BON & 60E POST 3

SAMPLE ENTRIES

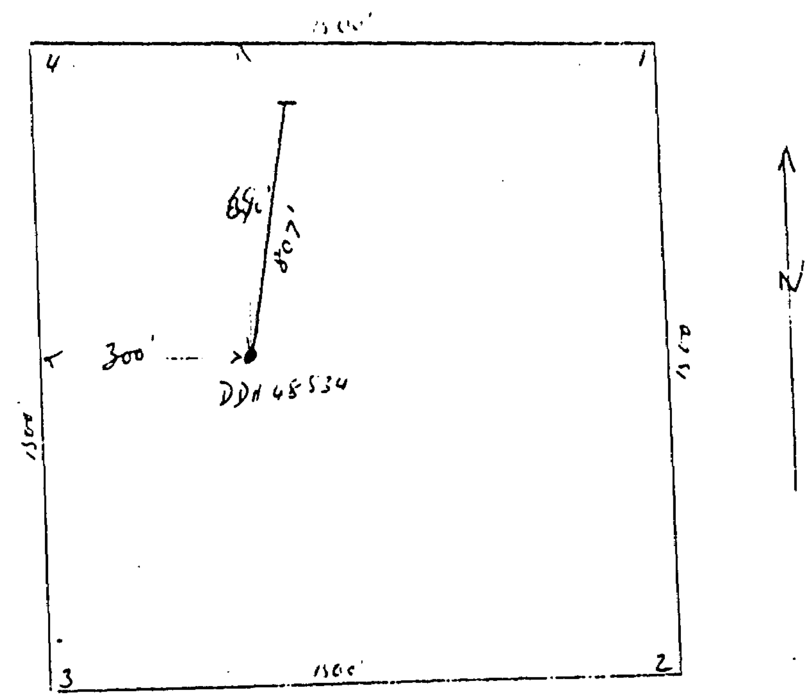
DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	CO	ZN	S	PB	PT	AU
0.0	0.0				COLLAR									
18.0	18.0				CAS IN OB START OF CORE									
26.7	8.7			BSLT	FG GRN-GY QTZ & CARB STRS SLLY MTC MNOR SPKS & BLBS PY									
31.7	5.0	F417015	MVVW	BSLT	FG GRN-GY QTZ & CARB STRS MTC MT HEM ON SHRS MNOR SPKS PY		0.020	0.070	N/A	0.020	N/A	0.000	0.000	0.000
33.3	1.6	F417016	MVW	BSLT	FG GRN-GY MTC MT HEM ON SHRS SULP IN IREG BLBS 5% PY		0.320	0.070	0.024	0.020	N/A	0.000	0.000	0.006
37.4	4.1	F417017	MVVW	BSLT	FG GRN-GY QTZ & CARB STRS MTC MNOR SPKS PY		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
37.7	0.3	F417017		GAB	MG TO CG GY-GRN CT AT 55 HEM ON CT		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
38.3	0.6	F417017		BSLT	AS TO 37.4 CT AT 50		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
38.8	0.5			BSLT	AS ABOVE									
41.1	2.3			GAB	AS TO 37.7									
53.9	12.8			BSLT	FG GRN-GY QTZ & CARB STRS SLLY MTC MT HEM ON SHRS & CARB STRS MNOR PY BLKY AT 46.1 TO 46.9									
54.8	0.9			BSLT	FG GY-GRN CARB STRS & VVGS RUST HEM									
64.6	9.8			BSLT	FG GRN-GY QTZ STRS SLLY MTC HEM ON SHRS SLLY SHRD MNOR SPKS PY	40								
64.7	0.1			APL	FG PK CT AT 80 HEM ON CT MNOR PY									
69.7	5.0			BSLT	FG GRN-GY QTZ & CARB STRS HEM ON SHRS & ALNG STRS MNOR PY SPKS									
72.7	3.0			BSLT	FG GY-GRN QTZ & CARB STRS HEM RUST WTRD									
123.4	50.7			BSLT	FG GRN-GY QTZ & CARB STRS HEM ALNG STRS & SHRS SURL BXTD ZONS MNOR SPKS PY									
124.1	0.7			GN	GRNC MG GY-GRN-PK HEM MT RUST									
138.3	14.2			BSLT	FG GRN-GY SPKS PY									
143.3	5.0	F417018	MVVW	BSLT	AS ABOVE		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
143.7	0.4	F417019	MW	BSLT	FG GRN-GY SULP IN IREG BLBS 15% PY 2% MT		0.420	0.050	0.013	0.020	N/A	0.000	0.000	0.003
155.0	11.3	F417020	MVVW	BSLT	FG GRN-GY MNOR PY HEM & MT		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
155.5	0.5	F417021	MW	BSLT	FG GRN-GY CARB STRS SULP IN IREG BLBS 15% PY TR CP MT		0.530	0.060	0.037	0.020	N/A	0.000	0.000	0.008
160.5	5.0	F417022	MVVW	BSLT	FG GRN-GY CARB STRS		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	CO	ZN	S	PD	PT	AU
208.9	48.4			BSLT	FG GRN-GY QTZ & CARB STRS SOME BXTD ZONS HEM ALNG STRS MNOR PY									
213.4	5.0	F417023	MVVN	BSLT	FG GRN-GY QTZ STRS MNOR BLBS PY		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
214.3	0.4	F417024	MN	BSLT	FG TO MG GRN-GY SULP IN IREG BLBS & XTLS 25% PY TR CP		0.910	0.160	0.021	0.020	N/A	0.000	0.000	0.000
219.3	5.0	F417025	MVVN	BSLT	FG GRN-GY CARB STRS MNOR PY		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
229.1	9.8			BSLT	FG GRN-GY MNOR SPKS PY									
236.0	6.9			GR	MG GY-PK BNDS BSLT									
236.6	0.6			PRPH	FSP GY									
255.9	19.3			BSLT	FG GRN-GY QTZ & CARB STRS MNOR SPKS & XTLS PY									
258.8	2.9			GN	GRNC GY SLLY SHRD	65								
282.1	23.3			BSLT	FG GRN-GY SOME BXTD ZONS SLLY SHRD MNOR SPKS & BLBS PY	65								
284.9	2.8			GAB	MG TO CG GRN-GY SLLY MTC									
309.3	24.4			BSLT	FG GRN-GY QTZ & CARB STRS MNOR BLBS & SPKS PY AMYGD (Q)									
314.3	5.0	F417026	MVVN	BSLT	AS ABOVE		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
314.8	0.5	F417027	MS	BXSU	BSLT MTX 60% PY 5% CP 1.5% CU		3.180	0.060	0.013	0.020	N/A	0.000	0.000	0.007
319.8	5.0	F417028	MVVN	BSLT	AS TO 314.3		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
328.9	9.1			BSLT	AS ABOVE									
333.9	5.0	F417029	MVVN	BSLT	AS ABOVE		0.070	0.020	N/A	0.020	N/A	0.000	0.000	0.000
334.2	0.3	F417030	MN	BSLT	FG GRN-GY SULP IN IREG BLBS & STRS 25% PY 2% CP 0.6% CU		0.250	0.110	N/A	0.020	N/A	0.000	0.000	0.000
339.2	5.0	F417031	MVVN	BSLT	AS TO 333.9		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
386.6	47.4			BSLT	FG GRN-GY QTZ & CARB STRS SOME GRNC GN BNDS SOME CSR GR GBIC PHSS MNOR PY & SOME HEM AROD PY									
387.3	0.7			APL	FG PK BXTD BSLT INCL									
446.0	58.7			DIAB	AS TO 386.6									
452.1	6.1			GN	GRNC MG PK-GY MNOR SPKS PY									
461.7	9.6			DIAB	FG GRN-GY CARB STRS									
462.4	0.7			APL	FG PK SLLY SHRD	65								
472.2	9.8			DIAB	FG GRN-GY CARB STRS									
477.2	5.0	F417032	MVVN	GAB	MG GRN-GY SLLY MTC		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
477.6	0.4	F417033	MN	GAB	MG GRN-GY QTZ VEIN 20% PY 3% CP 1% CU		1.820	0.060	0.024	0.020	N/A	0.000	0.000	0.002
482.6	5.0	F417034	MVVN	GAB	MG GRN-GY DLV STRS SLLY MTC		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
519.8	37.2			GAB	AS ABOVE									
522.2	2.4			GN	GRNC GY-PK									
528.1	5.9			GAB	MG GRN-GY									
629.8	101.7			BSLT	FG GRN-GY SOME CSR GR GBIC ZONS CARB & QTZ STRS MNOR BLBS & SPKS PY									
634.8	5.0	F417035	MVVN	BSLT	AS ABOVE BLKY & BRKN		0.020	0.020	N/A	0.020	N/A	0.000	0.000	0.000
635.1	0.3	F417036	MVN	BSLT	FG GRN-GY SULP IN IREG BLBS 3% PY TR CP		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
640.1	5.0	F417037	MVVN	BSLT	FG GRN-GY SOME BXTN MNOR PY		0.050	0.020	N/A	0.020	N/A	0.000	0.000	0.000
691.9	51.8			BSLT	FG GRN-GY QTZ STRS MNOR PY									
705.0	13.1			BSLT	FG GY FSP PHCR MNOR PY									
					FOOT OF HOLE									

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

BRADLEY BROS for Inco   Dip -50°

June, 1971



CLAIM K-21624

R Kneppen
Sept 73

BOREHOLE RECORD

DATE PROCESSED OCT 26,1972

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANGH#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
48534-0	KNAPPETT OPTION	52F5E			807	20 00	-50 00	N 150	E 5130	1035	SURF

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-49 00	200		-48 00	300		-47 00	400		-47 00	500		-47 30
600		-49 00	700		-49 30	807		-50 30						

TOPS OF WEDGES

LOGGED BY..D R WADGE STARTED..JUNE 02,1971 COMPLETED..JUNE 09,1971

COMMENTS

BRADLEY BROS BBS1 AXT BFT AX CAS & SHOE LEFT CL K-210624 690S & 300E POST 4

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	CO	ZN	S	PD	PT	AU
0.0	0.0				COLLAR									
8.0	8.0				CAS IN OB									
126.3	118.3			GAB	MG GRN-GY OCC FG SCNS OCC SPKS PY									
					TS C712262 AT 80 FT IS DESCRIBED AS ALTD MAFIC HBL QTZ NR									
131.3	5.0	FX003810	MVVW	GAB	AS ABOVE		0.000	0.045	0.007	0.020	0.061	0.000	0.000	0.000
141.3	10.0	FX003811	MVW	BSLT	FG GRN TO GRN-GY CARB STRS MLY MTC BNDS & STRS MT MNOR HEM STNG SULP IN SCTD SPKS 5% PY UP TO 303 PY OVER NRRW WDTHS SOME MG SCNS		0.000	0.008	0.007	0.020	1.148	0.000	0.000	0.000
151.3	10.0	FX003812	MVW	BSLT	FG GRN-GY CARB STRS MLY MTC BNDS MT SULP IN SCTD SPKS 3% PY UP TO 306 PY OVER NRRW WDTHS SOME MG SCNS		0.001	0.010	0.010	0.020	0.555	0.000	0.000	0.000
156.9	5.6	FX003813	MVW	BSLT	AS ABOVE		0.000	0.009	0.008	0.020	0.503	0.000	0.000	0.000
160.0	3.1	FX003814	MVVW	GAB	MG GRN MNOR SPKS SULP		0.000	0.035	0.007	0.020	0.057	0.000	0.000	0.000
164.5	4.5	FX003815	MVW	ANDS	FG GY SLCS MTC SOME MG SCNS SULP IN BLBS 2% PY		0.000	0.019	0.003	0.020	0.106	0.000	0.000	0.000
169.5	5.0	FX003816	MVVW	GAB	CG GRN-GY MNOR SCTD SPKS PY		0.000	0.061	0.008	0.020	0.000	0.000	0.000	0.000
196.5	27.0			GAB	AS ABOVE									
233.1	36.6			GAB	MG GY-GRN SOME MTC SCNS									
					TS C712263 AT 225 FT IS MBL PXT WIDTH OF PXT UNKNOWN									
243.0	9.9			DIO	MG GY TO GY-PK									
245.5	2.5			GAB	MG GY-GRN									
263.1	17.6			DIO	MG GY TO GY-PK MNOR SCTD SPKS PY									
267.7	4.6			GRDR	MG PK-GY									
273.7	6.0			GRDR	MG PK-GY LMNL BCKY & BRKN SEAM									
279.8	6.1			GRDR	MG PK TO GY-PK LTM STNG MNOR RUST PY CUBS									
284.0	4.2			DIO	MG GY SOME LTM STNG BCKY & BRKN AT 280.0 TO 281.6									
296.4	12.4			GRDR	MG PK-GY MNOR STRS PY									
308.8	12.4			DIO	MG GY-GRN TO GRN-PK									
401.1	92.3			GAB	MG GRN-GY SOME LTM & HEM STNG SOME FG SCNS SOME DIO SCNS MNOR SCTD SPKS PY									
406.1	5.0	FX003817	MVVW	GAB	MG GRN-GY MNOR SPKS & PTCHS PY		0.016	0.042	0.007	0.020	0.199	0.000	0.000	0.000

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	CO	ZN	S	PD	PT	AU
409.2	3.1	FX003816	MVW	GAB	MG GRN-GY SULP IN BLBS & STRS 1% PY TR CP		0.068	0.074	0.011	0.020	0.654	0.000	0.000	0.000
410.0	0.8	FX003819	MVW	PXT	MG GRN SLLY MTC TALC SULP IN BLBS & STRS 2% PY TR CP TR PN		0.043	0.069	0.015	0.020	0.225	0.000	0.000	0.000
410.4	0.4	FX003820	MVW	PXT	MG GRN SLLY MTC TALC SULP IN BLBS 3% CP 2 % PY		0.455	0.269	0.023	0.020	1.501	0.000	0.002	0.006
417.0	6.6	FX003821	MVVW	PXT	MG GRN SLLY MTC TALC MNOR SPKS PY TS C712264 AT 415 FT IS HDL PXT		0.000	0.090	0.013	0.020	0.000	0.000	0.000	0.000
418.5	1.5	FX003822	MVW	PXT	MG GRN SLLY MTC SULP IN BLBS & STRS 2% PY TR CP TR PN		0.226	0.256	0.016	0.020	0.922	0.002	0.003	0.004
423.5	5.0	FX003823	MVVW	GAB	MG GRN QTZ STRS SOME FG SCN MNOR SCTD SPKS PY		0.000	0.037	0.007	0.020	0.114	0.000	0.000	0.000
428.0	4.5			GAB	AS ABOVE									
433.0	5.0	FX003824	MVVW	GAB	MG GRN		0.003	0.039	0.008	0.020	0.086	0.000	0.000	0.000
433.5	0.5	FX003825	MVW	GAB	MG GRN SULP IN BLBS 2% PY TR PN		0.179	0.259	0.016	0.020	1.372	0.004	0.006	0.003
438.5	5.0	FX003826	MVVW	GAB	MG GRN MNOR SPKS PY		0.000	0.031	0.007	0.020	0.152	0.000	0.000	0.000
444.3	5.8			GAB	AS ABOVE									
453.4	9.1	FX003827	MVVW	PXT	MG GRN SLLY MTC TALC SOME CARB STRS LESS THAN 1% PY TR CP		0.052	0.152	0.013	0.020	0.412	0.000	0.000	0.000
456.0	2.6	FX003828	MVVW	BSLT	FG GRN MTC MNOR SPKS PY		0.138	0.093	0.008	0.020	0.484	0.000	0.000	0.004
456.5	0.5	FX003829	MVW	BSLT	FG GRN HLY MTC SULP IN BLBS 4% PY TR CP		0.291	0.203	0.011	0.020	1.155	0.003	0.003	0.008
463.3	6.8	FX003830	MVW	BSLT	FG GRN SOME HLY MTC SCNS CARB STRS SULP IN BLBS & STRS 2% PY MNOR HEM		0.024	0.041	0.007	0.020	0.304	0.000	0.000	0.000
470.0	6.7	FX003831	MVW	BSLT	AS ABOVE		0.042	0.035	0.006	0.020	0.260	0.000	0.000	0.000
475.0	5.0	FX003832	MVVW	BSLT	FG GRN CARB STRS SOME HEM STNG MNOR SPKS PY		0.049	0.020	0.007	0.020	0.211	0.000	0.000	0.000
526.0	51.0			BSLT	FG GRN LIMZD CHLZD CARB STRS HEM PTCHS & STNG SLLY MTC SOME BCKY & BAKN SCNS									
531.0	5.0	FX003833	MVVW	BSLT	AS ABOVE		0.003	0.022	0.006	0.020	0.376	0.000	0.000	0.000
540.0	9.0	FX003834	MVW	BSLT	FG GRN-GY MTC CARB STRS SOME HEM STNG SULP IN FG SPKS 6% PY		0.000	0.016	0.006	0.020	1.158	0.000	0.000	0.000
545.0	5.0	FX003835	MVVW	BSLT	FG GRN CHL & CARB STRS SHRD MNOR SPKS PY	20	0.000	0.034	0.006	0.020	0.591	0.000	0.000	0.000
560.8	15.8			SCH	CHL CARB FG GRN SHRD MNOR SPKS PY MTC	10								
570.9	10.1			GAB	MG GRN MNOR PY BLBS									
575.9	5.0	FX003836	MVVW	GAB	AS ABOVE		0.000	0.025	0.005	0.020	0.115	0.000	0.000	0.000
578.0	2.1	FX003837	MVW	GAB	MG GRN SOME DID SULP IN BLBS 2% PY TR CP		0.401	0.173	0.015	0.020	1.344	0.000	0.000	0.006
583.0	5.0	FX003838	MVVW	DID	MG GRN MNOR PY BLBS		0.000	0.023	0.005	0.020	0.011	0.000	0.000	0.000
585.0	2.0			GAB	MG GRN SOME DID MNOR PY BLBS									
593.2	8.2	FX003839	MVVW	GAB	MG GRN SOME FG SCNS MNOR PY BLBS TR CP		0.000	0.026	0.007	0.020	0.090	0.000	0.000	0.000
593.6	0.4	FX003840	MVW	GAB	MG GRN SULP IN 1% PY TR CP		0.000	0.025	0.004	0.020	0.000	0.000	0.000	0.000
598.6	5.0	FX003841	MVVW	GAB	MG GRN SOME DID		0.000	0.026	0.005	0.020	0.033	0.000	0.000	0.000
604.5	5.9			GAB	AS ABOVE									
609.5	5.0	FX003842	MVVW	GAB	MG GRN MNOR SPKS PY TR CP		0.000	0.027	0.007	0.020	0.063	0.000	0.000	0.000
610.0	0.5	FX003843	MVW	GAB	MG GRN SULP IN BLBS 3% PY LESS THAN 1% CP TR PN		0.212	0.186	0.019	0.020	1.820	0.000	0.000	0.000
615.0	5.0	FX003844	MVVW	GAB	MG GRN SOME DID MNOR SPKS PY		0.000	0.026	0.006	0.020	0.002	0.000	0.000	0.000
617.4	2.4			GAB	AS ABOVE									
622.4	5.0	FX003845	MVVW	GAB	AS ABOVE		0.008	0.039	0.006	0.020	0.107	0.000	0.000	0.000
623.2	0.8	FX003846	MVW	QTZ	VEIN FG WH INCS GAB SULP IN BLBS &		0.940	0.070	0.005	0.020	1.500	0.000	0.000	0.007

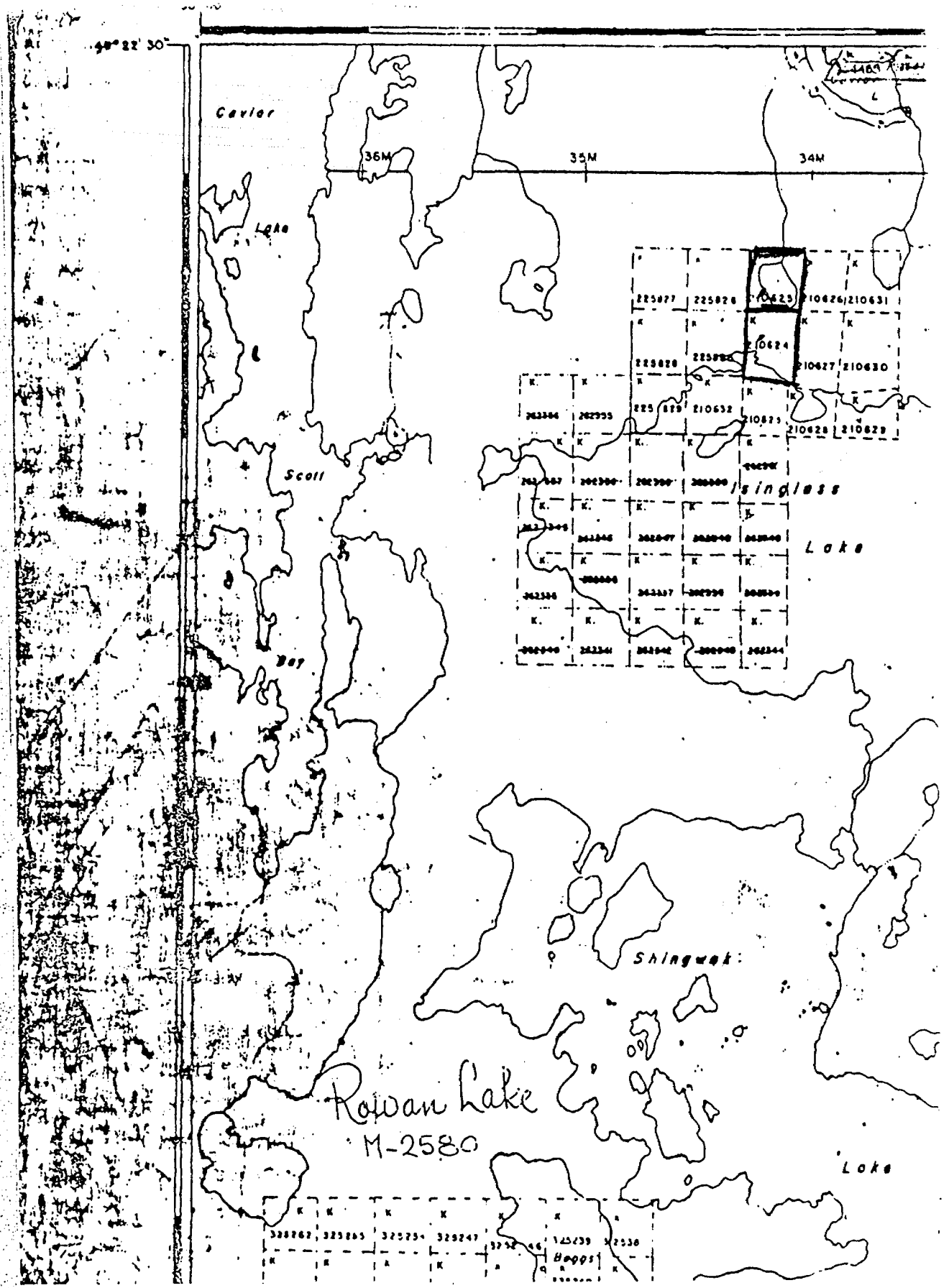
DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	CO	ZN	S	PD	PT	AU
					STRS 46 PY 1% CP									
626.9	3.7	FX003847	MVW	GAB	MG GRN SULP IN BLBS 1% PY TR CP		0.078	0.087	0.009	0.020	0.464	0.000	0.000	0.000
627.9	1.0	FX003848	MVW	GAB	MG GRN MTC SULP IN BLBS 2% PY TR CP TR PN		0.318	0.249	0.017	0.020	1.342	0.000	0.002	0.004
629.9	2.0	FX003849	MVVW	GAB	MG GRN SOME DIO MNOR SPKS PY		0.000	0.029	0.005	0.020	0.010	0.000	0.000	0.000
639.9	10.0	FX003850	MVVW	PXT	MG GRN TO GRN-GY TALC MTC TO SLLY MTC SOME FNK GR SCNS MNOR SPKS PY TR CP		0.054	0.157	0.015	0.020	0.222	0.000	0.000	0.000
649.9	10.0	FX003851	MVVW	PXT	MG GRN TO GRN-GY MTC TALC CARB SRPN MNOR SPKS PY TR CP TR PN		0.032	0.168	0.015	0.020	0.066	0.000	0.000	0.000
659.9	10.0	FX003852	MVVW	PXT	MG GRN TO GRN-GY MTC TALC SRPN CARB MNOR SPKS PY		0.003	0.161	0.016	0.020	0.011	0.000	0.000	0.000
665.9	6.0	FX003853	MVVW	PXT	MG GRN TO GRN-GY MTC CARB TALC MNOR SPKS PY TR CP		0.015	0.099	0.010	0.020	0.116	0.000	0.000	0.000
666.4	0.5	FX003854	MVW	PXT	FG TO MG GRN CARB STRS SULP IN LG BLBS 7% PY 1% CP TR PN MTC MT		0.554	0.397	0.068	0.020	0.076	0.000	0.000	0.008
668.6	2.2	FX003855	MVVW	PXT	FG TO MG GRN CARB SOME MG GAB MTC MNOR SPKS SULP		0.070	0.055	0.007	0.020	0.299	0.000	0.000	0.002
669.0	0.4	FX003856	MVW	PXT	MG GRN CARB STRS MTC SULP IN BLBS 3% CP 1% PY		0.771	0.050	0.014	0.020	1.941	0.002	0.014	0.029
670.5	1.5	FX003857	MVW	BSLT	FG GRN CARB STRS SULP IN BLBS 1% PY-CP MTC		0.085	0.033	0.006	0.020	0.202	0.000	0.000	0.004
675.5	5.0	FX003858	MVVW	BSLT	FG GRN-GY MTC CARB STRS MNOR SPKS PY		0.018	0.023	0.003	0.020	0.531	0.000	0.000	0.000
708.4	32.9			BSLT	FG GRN-GY QTZ & CARB STRS MTC ZONS									
715.9	7.5			TUFF	FG GY QTZ STRS									
807.0	91.1			BSLT	FG GRN CARB & QTZ STRS MTC ZONS MNOR SCTD SPKS PY BCKY & BRKN SCNS AT 752 TO 754.5 758 TO 759 761.5 TO 763 & 795 TO 796 FOOT OF HOLE									

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
8.0		
126.3		GAB
131.3	MVVW	GAB
156.9	MVW	BSLT
160.0	MVVW	GAB
164.5	MVW	ANDS
169.5	MVVW	GAB
233.1		GAB
243.0		DIO
245.5		GAB
263.1		DIO
279.8		GRDR


Cavlor
36M
35M
34M
Lake
Scott
Bay
singlass
Lake
Shingwak
Rowan Lake
M-2580
Lake
Boggs

APPENDIX "D"

Assay Certificates #8810-0750 (5 pages)
88-5210 (26 pages)
88-5214 (3 pages)

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 SOIL P2-P3 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 14 1988 DATE REPORT MAILED: Oct 20/88 SIGNED BY. C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

CALIBAN RESOURCES PROJECT ISINGWASS File # 88-5214 Page 1

SAMPLE	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
BPI-19	2	347	27	108	.5	46	47	675	7.55	7	5	9	8	86	3	2	2	68	.54	.071	115	39	1.26	202	.09	6	2.15	.01	.14	1	11180
BPI-20	1	250	27	108	.5	27	34	497	6.07	6	5	5	13	71	2	2	5	74	.46	.102	113	30	.92	172	.07	9	1.72	.01	.12	1	3605
BPI-21	2	440	18	74	.3	23	35	331	6.91	3	5	ND	7	33	1	2	2	66	.26	.063	43	32	.80	109	.09	7	1.71	.01	.07	1	2195
BPI-22	3	600	17	85	.3	23	29	433	8.75	4	5	ND	7	32	2	2	2	50	.29	.076	39	33	1.81	73	.12	9	3.73	.01	.18	1	1725

(A)

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
	BPI-1	3	63	2	28	.1	15	6	80	1.10	426	5	ND	1	10	2	2	2	16	.13	.004	2	10	.18	32	.04	4	.24	.01	.03	2	15
X	BPI-3	1	1767	10	88	1.2	797	61	373	7.72	85	5	ND	2	6	1	2	2	63	.29	.035	2	137	3.45	22	.03	2	3.50	.03	.04	1	68
X	BPI-4	1	370	2	53	.3	466	65	298	5.46	42	5	ND	1	11	1	2	3	40	.39	.012	2	158	2.60	120	.03	2	2.22	.05	.02	1	37
	BPI-5	1	209	5	19	.1	77	27	217	2.15	127	5	ND	1	9	1	2	2	47	.89	.020	2	42	.43	6	.17	2	.91	.06	.03	1	4
	BPI-6	4	267	2	19	.1	57	23	170	1.79	42	5	ND	1	11	1	2	3	40	.94	.018	2	30	.30	7	.16	2	.86	.08	.03	1	5
	BPI-7	1	104	2	11	.1	59	12	187	1.46	57	5	ND	1	11	1	2	2	40	.98	.021	3	32	.14	6	.18	2	.65	.04	.03	1	4
	BPI-8	2	134	2	12	.1	21	8	197	1.23	54	5	ND	1	10	1	2	2	24	.80	.021	6	19	.10	3	.10	3	.46	.03	.02	1	3
	BPI-9	3	24912	2	416	6.6	15	97	200	4.75	64	5	ND	3	11	5	2	2	6	.91	.031	12	11	.08	1	.06	2	.37	.01	.01	1	1030
	BPI-10	2	20736	9	326	5.8	14	87	113	4.43	11	5	ND	3	12	4	2	3	8	.81	.031	11	13	.10	1	.07	3	.41	.01	.01	1	2770
	BPI-11	2	26645	5	346	6.8	14	86	92	4.64	6	5	ND	3	10	4	2	2	6	.50	.029	9	10	.06	1	.06	4	.35	.01	.01	1	3990
	BPI-12	1	5799	2	93	1.8	16	45	390	5.34	4	5	ND	3	8	1	3	2	17	1.48	.027	11	16	.51	8	.06	2	1.33	.10	.10	1	425
	BPI-13	1	20185	4	174	7.4	15	29	80	3.78	4	5	ND	2	9	3	2	2	5	.50	.014	8	9	.05	4	.05	2	.32	.01	.02	1	2250
	BPI-14	1	12001	3	102	3.6	57	46	418	6.02	2	5	ND	3	10	3	2	2	12	1.73	.022	9	17	.45	9	.04	2	1.20	.11	.13	1	330
	BPI-15	1	1755	2	42	.4	14	51	470	8.59	2	5	ND	3	10	1	2	2	14	1.68	.020	8	20	.74	11	.05	2	1.47	.08	.12	1	34
	BPI-17	1	1035	2	9	.3	9	28	70	4.34	2	5	ND	2	16	1	2	2	10	.73	.021	6	10	.04	9	.11	2	.46	.01	.02	1	13
	BPI-23	4	302	8	28	.1	9	19	174	6.19	2	5	ND	2	50	1	2	2	42	.50	.041	9	14	.31	83	.23	2	.41	.03	.04	1	7
	BPI-24	1	115	5	90	.1	6	30	607	7.95	2	5	ND	1	65	1	2	2	112	.98	.046	4	17	1.42	148	.16	2	1.79	.06	.05	1	4
	BPI-25	1	215	2	47	.4	14	29	356	5.15	2	5	4	1	62	1	2	3	31	.55	.044	8	15	.64	46	.17	3	.91	.02	.09	2	4290
	BPI-26	2	137	5	17	1.5	11	13	173	1.87	3	5	15	1	51	1	2	3	18	.32	.021	6	13	.27	68	.11	2	.31	.01	.03	1	33100
	BPI-27	5	264	8	32	.1	17	13	242	4.58	3	5	2	1	33	1	2	2	25	.62	.022	39	21	.40	25	.10	2	.48	.02	.06	1	1290
	BPI-28	2	170	3	43	.1	6	35	341	7.59	3	5	ND	1	90	1	2	3	40	.65	.055	7	18	.57	50	.19	3	.77	.02	.03	1	615
	BPI-29	1	62	2	14	.1	7	13	180	2.97	2	5	ND	1	68	1	2	2	28	.42	.014	9	38	.17	105	.10	3	.24	.01	.02	1	790
X	BPI-30	4	93	11	36	.1	16	19	384	5.49	2	5	ND	2	81	1	2	2	85	.55	.020	107	16	.59	585	.10	2	.52	.02	.18	1	30
	BPI-31	1	156	4	13	.1	8	7	93	2.04	2	5	ND	1	24	1	2	2	27	.13	.006	4	37	.15	143	.07	4	.17	.01	.02	2	625
	BPI-32	2	3370	5	23	1.1	71	12	109	1.09	2	5	ND	1	17	1	2	2	14	.33	.003	2	64	.38	4	.05	2	.42	.01	.01	1	51
	BPI-33	1	1656	5	12	.7	40	6	62	.63	2	5	ND	1	12	1	2	2	8	.38	.002	2	63	.18	3	.02	2	.20	.01	.01	1	38
	M.E. #1	2	136	2	13	.2	29	8	206	1.25	3	5	ND	1	12	2	2	2	19	1.18	.010	4	46	.71	20	.05	5	.76	.01	.06	1	18
	M.E. #2	1	81	7	27	.2	60	15	442	2.63	3	5	ND	1	15	2	2	2	41	3.02	.022	7	59	1.44	16	.06	2	1.43	.02	.07	1	15
	M.E. #3	2	349	3	4	.9	19	6	52	.78	6	5	ND	1	3	1	2	2	3	.09	.003	2	26	.09	8	.01	5	.08	.01	.01	3	118
	M.E. #4	1	18	4	27	.2	24	14	2460	6.65	3	5	ND	2	103	2	3	2	10	12.41	.041	3	16	4.02	17	.01	2	.35	.01	.09	2	6
	M.E. #5	1	5996	2	95	1.7	186	200	305	9.07	5	5	ND	3	8	2	2	2	35	.68	.037	9	78	.87	5	.11	3	1.11	.02	.02	1	103
	M.E. #6	1	1008	13	43	.3	40	15	326	2.43	2	5	ND	3	9	1	2	2	35	2.04	.011	19	79	1.28	6	.07	2	1.48	.03	.04	1	39
	M.E. #7	1	2663	5	24	.9	33	21	186	2.74	4	5	ND	1	11	1	2	2	48	1.05	.023	2	43	.22	3	.26	2	.83	.05	.03	1	67
	S.TRENCH	1	8531	2	118	2.4	11	63	168	3.55	2	5	ND	2	11	1	2	2	11	.89	.020	9	31	.19	3	.06	2	.56	.04	.03	1	585
	N.TRENCH	1	15685	5	106	5.6	24	61	289	5.63	8	5	2	3	9	1	2	2	16	.91	.031	12	18	.46	6	.07	2	1.11	.05	.04	1	1420
X	D.P 17-1	1	95	7	26	.2	44	15	487	3.00	2	5	ND	3	47	3	2	2	39	3.21	.015	8	86	1.40	8	.01	5	1.45	.02	.02	1	7
	STD C/AU-R	18	57	37	132	7.1	64	28	1006	3.89	40	20	7	37	45	18	17	18	56	.47	.090	37	55	.88	175	.06	32	1.92	.06	.14	11	510

x = sample location unaccounted for

— Assay required for correct result for Cu > 1%.

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W	Au* PPB
D.P. 22-1	1	346	3	34	.2	78	25	325	4.34	12	5	ND	1	28	1	2	2	81	2.03	.019	2	82	.60	24	.07	6	2.49	.22	.09	2	1
L8/500S RI GP PY	1	1230	9	47	.8	584	51	215	4.05	4	5	ND	2	72	1	2	2	73	2.12	.006	2	100	1.37	16	.05	11	3.83	.26	.03	1	65
NO # SAMPLE	1	4303	9	74	1.2	19	141	355	12.37	61	5	ND	4	17	1	3	2	13	1.34	.024	9	23	.79	7	.06	4	1.33	.04	.04	1	36
STD C/AU-R	17	58	40	131	7.2	67	29	947	4.27	38	22	7	38	48	18	17	21	57	.46	.091	39	52	.87	176	.07	33	1.86	.06	.15	11	490

(3)

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 7 1988 DATE REPORT MAILED: Oct 24/88 SIGNED BY. C. Leong .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

CALIBAN RESOURCES PROJECT ISSAN GLASS File # 88-5210 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
B 8+00N 1+40W	1	191	11	19	.1	36	30	1485	.93	4	5	ND	1	48	1	2	2	13	2.87	.054	16	7	.11	112	.01	9	.67	.01	.03	1	3
B 8+00N 1+30W	1	16	34	135	.1	22	26	1325	3.40	4	5	ND	2	38	1	2	2	56	.82	.027	11	27	.36	193	.03	6	1.47	.01	.07	1	1
B 8+00N 1+20W	1	11	9	46	.1	6	3	114	1.09	2	5	ND	1	12	1	2	2	24	.30	.015	9	13	.19	46	.04	9	.88	.01	.04	1	2
B 8+00N 1+10W	1	116	16	35	.2	24	23	1752	1.91	4	.5	ND	1	32	1	2	2	36	2.05	.091	21	20	.25	152	.02	10	1.85	.01	.06	1	1
B 8+00N 1+00W	1	8	6	26	.1	6	4	253	1.07	2	5	ND	2	9	1	2	3	24	.20	.015	10	12	.17	34	.04	7	.69	.01	.03	1	2
B 8+00N 0+90W	1	2	4	17	.1	3	2	100	1.27	2	5	ND	4	7	1	2	2	40	.13	.005	12	19	.11	24	.05	7	.33	.01	.02	1	1
B 8+00N 0+80W	1	7	5	23	.1	1	1	59	.63	2	5	ND	2	10	1	2	2	17	.19	.035	12	9	.08	48	.03	2	.49	.01	.04	1	1
B 8+00N 0+70W	1	6	5	32	.1	9	4	97	1.08	2	5	ND	2	8	1	2	2	25	.16	.010	10	16	.23	24	.06	7	.65	.01	.02	1	1
B 8+00N 0+60W	1	6	8	24	.1	7	3	109	.92	2	5	ND	2	7	1	2	2	15	.12	.025	8	11	.15	37	.04	11	.62	.01	.02	1	1
B 8+00N 0+50W	1	7	8	42	.1	8	4	186	1.35	2	5	ND	2	8	1	2	3	24	.13	.034	10	13	.19	62	.04	7	1.10	.01	.04	1	2
B 8+00N 0+40W	1	12	6	39	.1	13	7	303	1.79	2	5	ND	4	10	1	3	2	31	.16	.031	11	19	.34	56	.06	5	1.39	.01	.04	1	1
B 8+00N 0+30W	1	37	7	33	.1	25	8	184	2.23	2	5	ND	4	12	1	2	2	41	.23	.048	12	25	.47	73	.07	10	1.87	.01	.05	1	6
B 8+00N 0+20W	1	22	9	149	.1	27	12	881	2.99	2	5	ND	6	12	1	2	2	58	.18	.079	18	32	.51	135	.07	2	2.53	.01	.09	1	7
B 8+00N 0+10W	1	32	19	199	.1	23	15	2239	3.30	6	5	ND	2	14	1	2	5	54	.24	.155	12	28	.43	164	.06	11	2.51	.01	.11	1	1
B 7+50N 1+40W	1	45	27	19	.1	16	6	120	1.33	3	5	ND	1	43	1	2	2	19	1.65	.039	9	7	.21	88	.01	7	.64	.01	.03	1	1
B 7+50N 1+30W	1	6	8	31	.1	15	7	277	1.91	2	5	ND	3	9	1	2	2	34	.16	.010	9	23	.34	50	.07	7	1.24	.01	.04	1	1
B 7+50N 1+20W	1	9	9	33	.1	20	8	163	2.23	2	5	ND	3	12	1	2	2	38	.27	.018	10	29	.61	23	.10	6	1.67	.01	.02	1	1
B 7+50N 1+10W	1	16	3	17	.1	12	5	82	1.14	2	5	ND	3	8	1	2	2	21	.19	.015	9	17	.31	25	.06	6	1.22	.01	.01	2	2
B 7+50N 1+00W	1	2628	22	30	.1	37	8	57	1.67	2	5	ND	6	17	1	2	3	20	.47	.089	58	22	.19	97	.02	4	2.66	.01	.04	1	3
B 7+50N 0+90W	1	282	8	16	.1	30	7	664	.82	2	5	ND	2	45	1	2	2	11	3.28	.169	52	14	.13	123	.01	4	1.51	.01	.04	1	1
B 7+50N 0+80W	1	154	6	19	.1	23	5	100	1.14	2	5	ND	4	24	1	2	2	17	1.29	.071	37	19	.23	108	.01	6	1.80	.01	.03	1	1
B 7+50N 0+70W	1	35	4	15	.1	14	4	52	1.38	2	5	ND	2	15	1	3	2	22	.36	.010	13	17	.24	53	.04	10	1.46	.01	.02	1	2
B 7+50N 0+60W	1	9	4	9	.1	5	2	47	.68	2	5	ND	4	6	1	2	2	16	.11	.005	12	10	.11	20	.05	14	.41	.01	.01	1	1
B 7+50N 0+50W	1	6	6	15	.1	6	3	63	1.15	2	5	ND	3	8	1	2	2	34	.15	.025	11	14	.17	27	.05	7	.60	.01	.02	1	1
B 7+50N 0+40W	1	13	8	32	.1	14	7	108	2.01	2	5	ND	2	9	1	2	2	47	.18	.009	8	22	.37	38	.06	6	1.30	.01	.04	1	1
B 7+50N 0+30W	1	6	5	21	.1	9	4	83	1.26	2	5	ND	2	6	1	2	2	31	.14	.008	9	15	.20	37	.05	11	.76	.01	.03	1	1
B 7+50N 0+20W	1	6	4	31	.1	14	6	101	1.69	2	5	ND	5	9	1	2	2	45	.17	.007	13	23	.33	29	.08	7	1.02	.01	.04	1	4
B 7+50N 0+10W	1	14	6	29	.1	14	6	136	1.68	2	5	ND	4	15	1	2	2	32	.25	.013	10	21	.47	43	.07	9	1.27	.01	.06	1	1
B 7+00N 1+20W	1	20	7	34	.1	21	7	201	1.92	2	5	ND	2	11	1	2	2	41	.25	.016	10	29	.41	74	.06	7	1.11	.01	.03	1	2
B 7+00N 1+10W	1	335	23	51	.1	22	9	159	2.21	2	5	ND	2	11	1	2	2	34	.21	.054	13	18	.29	148	.01	4	2.10	.01	.06	1	1
B 7+00N 1+00W	1	125	47	56	.1	20	8	210	1.09	4	5	ND	1	14	1	2	2	15	.25	.081	12	9	.11	128	.01	3	1.06	.01	.05	1	1
B 7+00N 0+90W	5	342	19	52	.4	12	7	244	2.95	5	5	ND	2	9	1	2	2	38	.19	.072	12	14	.14	161	.01	2	1.38	.01	.04	1	1
B 7+00N 0+80W	1	56	14	55	.1	10	5	162	2.23	2	5	ND	1	7	1	2	2	40	.11	.066	11	17	.27	104	.03	4	1.93	.01	.05	1	1
B 7+00N 0+70W	2	36	19	79	.2	13	6	125	3.93	3	5	ND	4	9	1	3	2	67	.15	.147	12	26	.36	95	.05	5	3.62	.01	.07	1	1
B 7+00N 0+60W	1	29	15	87	.2	23	9	297	3.47	3	5	ND	3	9	1	2	2	66	.17	.085	11	30	.33	141	.08	6	3.21	.01	.04	1	2
B 7+00N 0+50W	1	27	113	156	.1	9	7	764	1.65	7	5	ND	1	15	1	2	2	25	.44	.122	11	12	.21	94	.01	7	1.20	.01	.16	1	1
STD C/AU-S	18	59	41	131	6.8	68	31	1030	4.17	38	22	7	38	48	18	15	19	59	.50	.089	40	53	.64	180	.07	33	2.05	.06	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
B 7+00N 0+40W	1	19	15	112	.1	13	10	635	2.48	2	5	ND	1	9	1	2	2	44	.18	.030	9	15	.27	137	.02	4	1.45	.01	.04	1	2
B 7+00N 0+30W	1	24	6	25	.1	17	6	107	1.49	2	5	ND	3	10	1	2	2	26	.33	.006	15	19	.37	32	.04	3	1.13	.01	.02	1	4
B 7+00N 0+20W	1	49	19	24	.1	16	5	121	1.23	2	5	ND	1	34	1	2	2	12	2.39	.043	16	11	.15	77	.01	4	1.12	.01	.03	1	1
B 7+00N 0+10W	1	168	6	19	.1	19	2	85	.48	2	5	ND	1	38	1	2	2	6	2.97	.068	31	7	.10	88	.01	5	.77	.01	.02	1	1
B 6+50N 1+10W	1	394	10	32	.1	22	12	114	2.05	2	5	ND	3	7	1	2	2	42	.23	.004	10	29	.47	37	.08	5	1.32	.01	.03	1	1
B 6+50N 1+00W	1	236	13	57	.2	33	10	139	2.72	6	5	ND	3	8	1	2	2	52	.17	.020	9	30	.51	66	.07	4	1.87	.01	.05	1	1
B 6+50N 0+90W	1	3359	19	128	1.6	30	49	1333	4.18	2	5	ND	1	14	1	2	2	37	.26	.301	12	19	.21	148	.02	4	2.43	.01	.09	1	1
B 6+50N 0+80W	1	65	10	67	.1	19	9	240	2.49	2	5	ND	3	10	1	2	2	39	.22	.035	12	20	.60	67	.10	5	1.88	.01	.04	1	1
B 6+50N 0+70W	1	36	8	55	.1	30	10	175	2.76	2	5	ND	3	11	1	2	2	45	.21	.030	11	31	.59	81	.07	3	2.21	.01	.04	1	1
B 6+50N 0+60W	1	33	12	58	.1	22	9	148	2.41	2	5	ND	2	8	1	2	2	39	.14	.036	9	24	.44	72	.06	2	1.88	.01	.03	1	1
B 6+50N 0+50W	1	206	18	123	.3	27	11	333	3.81	5	5	ND	3	8	1	2	2	53	.14	.225	11	28	.44	82	.04	7	3.40	.01	.07	1	4
B 6+50N 0+40W	1	213	22	111	.3	16	7	630	3.35	5	5	ND	1	7	1	2	2	51	.15	.183	11	21	.23	121	.02	4	2.65	.01	.06	1	1
B 6+50N 0+30W	1	243	14	109	.3	28	11	282	3.23	5	5	ND	2	9	1	2	2	54	.21	.087	11	28	.68	88	.07	4	3.04	.01	.08	2	2
B 6+50N 0+10W	1	340	8	84	.1	56	20	257	2.81	4	5	ND	2	10	1	2	2	45	.53	.028	15	22	.62	75	.07	5	2.23	.01	.05	1	22
B 6+00N 0+90W	1	684	6	42	.1	27	34	111	2.50	2	5	ND	3	5	1	2	2	37	.10	.006	11	23	.40	28	.07	6	1.68	.01	.02	2	3
B 6+00N 0+80W	1	317	8	37	.1	24	10	117	2.33	2	5	ND	2	6	1	2	2	34	.11	.027	10	24	.37	74	.05	5	1.56	.01	.04	1	1
B 6+00N 0+70W	1	90	10	61	.2	30	10	135	2.86	5	5	ND	6	8	1	2	2	43	.13	.053	10	26	.43	87	.05	5	2.86	.01	.05	1	2
B 6+00N 0+60W	1	17	9	57	.2	16	6	129	2.22	2	5	ND	2	8	1	2	2	36	.12	.060	10	19	.32	64	.04	3	1.86	.01	.05	1	4
B 6+00N 0+50W	1	13	6	28	.1	15	6	117	1.75	4	5	ND	3	8	1	2	2	30	.15	.034	9	19	.30	53	.05	4	1.12	.01	.04	1	1
B 6+00N 0+40W	1	10	9	41	.1	16	7	142	1.74	2	5	ND	2	9	1	2	2	26	.13	.037	9	18	.32	63	.04	5	1.32	.01	.03	2	2
B 6+00N 0+30W	1	30	10	50	.1	14	9	615	1.65	2	5	ND	1	9	1	2	2	26	.15	.053	8	15	.24	93	.03	3	1.25	.01	.05	2	1
B 6+00N 0+20W	1	29	7	75	.1	23	10	919	2.30	4	5	ND	2	8	1	2	2	35	.14	.114	11	23	.34	89	.04	4	1.99	.01	.05	1	1
B 6+00N 0+10W	1	46	13	74	.1	27	10	195	2.79	4	5	ND	3	7	1	2	2	41	.14	.149	12	27	.53	79	.06	5	2.84	.01	.05	1	4
B 5+50N 0+70W	1	2	2	4	.1	3	1	27	.39	2	5	ND	2	5	1	2	2	10	.06	.006	7	5	.04	16	.02	5	.25	.01	.01	1	1
B 5+50N 0+60W	1	15	3	24	.1	18	6	108	1.76	2	5	ND	2	6	1	2	2	31	.13	.012	8	22	.42	33	.06	8	1.15	.01	.02	1	2
B 5+50N 0+50W	1	9	6	31	.1	14	6	91	1.97	2	5	ND	3	7	1	2	2	42	.12	.009	9	21	.31	44	.05	11	1.19	.01	.03	1	1
B 5+50N 0+40W	1	28	9	52	.1	35	10	184	2.59	3	5	ND	3	7	1	2	2	42	.12	.026	10	33	.52	57	.06	7	1.92	.01	.04	1	3
B 5+50N 0+30W	1	25	10	69	.1	26	8	175	2.75	2	5	ND	4	7	1	2	2	42	.14	.097	12	27	.51	58	.06	3	2.26	.01	.05	1	1
B 5+50N 0+20W	1	20	20	108	.2	21	14	622	2.89	2	5	ND	4	11	1	2	2	41	.17	.137	12	24	.43	137	.05	6	2.29	.01	.06	1	2
B 5+50N 0+10W	1	11	7	35	.1	19	7	100	2.14	2	5	ND	3	7	1	2	3	35	.12	.036	9	20	.31	48	.05	6	1.84	.01	.02	2	1
B 5+00N 0+30W	1	61	9	35	.1	17	13	156	1.70	2	5	ND	2	8	1	2	2	26	.32	.007	9	16	.42	41	.05	6	1.11	.01	.02	2	3
B 5+00N 0+20W	1	50	4	27	.1	20	12	146	1.28	2	5	ND	2	7	1	2	2	21	.29	.009	10	14	.25	25	.03	3	1.14	.01	.02	1	1
B 5+00N 0+10W	1	22	6	24	.1	22	8	76	1.23	2	5	ND	3	6	1	2	2	21	.15	.019	9	14	.28	37	.04	6	1.25	.01	.03	1	2
B 4+50N 0+60W	1	25	16	39	.1	10	3	54	1.35	2	5	ND	1	7	1	2	2	32	.11	.024	10	12	.14	76	.02	3	1.31	.01	.03	1	1
B 4+50N 0+50W	1	38	11	51	.1	23	9	114	2.83	4	5	ND	4	5	1	2	2	45	.08	.022	9	24	.45	35	.07	6	2.88	.01	.03	1	7
B 4+50N 0+40W	1	41	22	90	.1	20	7	148	4.19	7	5	ND	2	8	1	2	2	68	.09	.078	11	27	.33	93	.04	3	3.66	.01	.05	1	13
B 4+50N 0+30W	1	17	5	25	.2	11	4	67	1.33	2	5	ND	2	6	1	2	2	27	.08	.010	9	13	.24	34	.04	2	1.13	.01	.02	1	2040
STD C/AU-S	18	58	37	132	6.6	67	31	1055	4.08	37	19	7	37	47	17	19	19	57	.48	.093	39	53	.92	173	.06	33	1.97	.06	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
B 4+50N 0+20W	1	30	7	42	.1	16	8	89	1.87	2	5	ND	2	5	1	2	2	30	.09	.019	8	17	.27	47	.04	4	1.56	.01	.02	1	1
B 4+50N 0+10W	1	31	19	171	.2	28	14	535	3.05	2	5	ND	3	8	1	2	2	40	.13	.167	13	17	.32	188	.02	2	3.08	.01	.06	2	1
B 4+00N 1+50W	1	20	10	38	.1	18	6	138	3.03	2	5	ND	3	8	1	2	2	44	.15	.233	8	30	.38	52	.05	10	2.63	.01	.04	1	1
B 4+00N 1+40W	1	4	5	11	.1	6	2	47	.75	2	5	ND	2	6	1	2	2	16	.09	.011	8	10	.14	24	.03	8	.45	.01	.02	1	1
B 4+00N 1+30W	1	15	2	20	.1	11	4	88	1.07	2	5	ND	3	6	1	2	2	19	.13	.018	10	13	.32	17	.05	4	.83	.01	.02	1	2
B 4+00N 1+20W	1	28	10	115	.1	20	9	161	3.32	3	5	ND	3	8	1	2	2	48	.10	.065	10	24	.49	86	.06	2	2.81	.01	.05	1	1
B 4+00N 1+10W	1	419	13	97	.1	24	26	250	2.65	2	5	ND	2	7	1	2	2	41	.11	.035	11	21	.35	73	.04	2	2.06	.01	.05	1	1
B 4+00N 1+00W	1	40	14	112	.1	23	9	165	3.39	2	5	ND	4	8	1	2	2	49	.12	.063	10	25	.52	91	.06	2	2.87	.01	.05	1	1
B 4+00N 0+90W	1	36	28	76	.2	12	7	372	2.32	3	5	ND	1	7	1	2	3	40	.15	.063	12	16	.27	94	.03	2	1.76	.01	.05	1	4
B 4+00N 0+80W	2	150	20	95	.2	13	10	500	4.95	13	5	ND	2	8	1	2	3	51	.17	.184	12	14	.26	122	.02	2	2.20	.01	.06	1	1
B 4+00N 0+70W	1	215	17	144	.6	24	18	1051	7.14	6	5	ND	1	8	1	2	3	48	.18	.184	11	17	.16	135	.02	2	1.73	.01	.08	1	275
B 4+00N 0+60W	1	44	10	53	.1	31	10	159	2.22	2	5	ND	3	10	1	2	2	33	.18	.051	10	19	.36	62	.04	7	1.70	.01	.03	1	1
B 4+00N 0+50W	1	7	6	44	.1	8	5	223	1.39	2	5	ND	2	7	1	2	2	26	.12	.029	7	14	.24	40	.03	5	.79	.01	.03	1	1
B 4+00N 0+40W	1	19	13	107	.1	18	7	202	2.69	2	5	ND	2	8	1	2	2	41	.11	.065	10	23	.40	95	.05	2	1.96	.01	.08	1	1
B 4+00N 0+30W	1	11	6	102	.1	18	7	221	2.34	2	5	ND	2	10	1	2	2	34	.15	.146	9	19	.34	120	.04	3	1.77	.01	.05	1	1
B 4+00N 0+20W	1	22	9	108	.2	25	10	455	2.75	2	5	ND	2	8	1	2	2	39	.16	.119	9	24	.52	91	.05	4	2.14	.01	.07	1	1
B 4+00N 0+10W	1	28	16	146	.1	16	14	1298	2.63	2	5	ND	1	6	1	2	2	41	.08	.110	12	20	.24	125	.03	2	2.10	.01	.05	1	1
B 3+50N 1+50W	1	6	3	28	.1	10	3	99	1.46	3	5	ND	1	7	1	2	2	34	.13	.020	9	16	.20	53	.03	3	.73	.01	.03	1	1
B 3+50N 1+40W	1	9	12	95	.1	10	8	585	1.86	3	5	ND	1	12	1	2	2	30	.26	.115	9	18	.25	177	.03	3	1.26	.01	.06	1	1
B 3+50N 1+30W	1	17	19	55	.1	7	3	224	1.80	2	5	ND	1	7	1	2	2	30	.12	.094	12	14	.18	115	.02	2	1.65	.01	.05	1	3
B 3+50N 1+20W	1	10	16	59	.1	7	4	244	1.93	2	5	ND	1	12	1	2	2	32	.22	.078	10	14	.23	115	.03	2	1.35	.01	.05	1	1
B 3+50N 1+10W	1	13	6	38	.1	21	8	144	2.00	3	5	ND	3	9	1	2	2	30	.16	.034	9	21	.42	61	.05	3	1.71	.01	.03	1	4
B 3+50N 1+00W	1	39	11	50	.1	28	12	175	2.91	2	5	ND	3	13	1	2	2	43	.19	.115	10	23	.43	112	.05	3	2.45	.01	.05	1	1
B 3+50N 0+90W	1	76	19	137	.3	10	12	617	3.30	8	5	ND	1	15	1	2	2	35	.36	.097	12	12	.18	142	.02	2	1.36	.01	.07	1	9
B 3+50N 0+80W	1	137	23	629	.1	42	41	1981	3.50	5	5	ND	1	45	1	2	2	39	1.09	.255	14	22	.52	664	.03	4	2.81	.01	.15	1	4
B 3+50N 0+70W	1	15	6	110	.1	21	9	371	2.59	2	5	ND	3	11	1	2	2	41	.15	.171	11	27	.45	144	.04	3	1.81	.01	.07	1	1
B 3+50N 0+60W	1	19	9	140	.1	26	10	219	2.94	2	5	ND	3	14	1	2	2	46	.23	.144	9	28	.51	114	.05	7	2.05	.01	.10	1	3
B 3+50N 0+50W	1	15	6	34	.1	13	5	144	1.10	2	5	ND	1	6	1	2	2	19	.14	.023	10	13	.33	36	.04	4	.66	.01	.04	2	1
B 3+50N 0+40W	1	5	5	43	.1	15	6	253	1.46	2	5	ND	2	15	1	2	2	25	.24	.026	12	19	.47	77	.05	4	1.16	.01	.11	1	1
B 3+50N 0+30W	1	3	2	36	.1	11	4	144	.92	2	5	ND	2	7	1	2	2	18	.15	.023	9	12	.27	43	.04	4	.77	.01	.03	1	1
B 3+50N 0+20W	1	6	7	57	.1	11	6	197	1.20	2	5	ND	1	10	1	2	2	17	.22	.049	8	13	.30	57	.04	4	.99	.01	.05	1	19
B 3+50N 0+10W	1	4	6	56	.1	7	5	113	1.44	2	5	ND	2	6	1	2	2	23	.10	.090	9	14	.22	46	.03	4	1.04	.01	.04	1	7
B 3+00N 4+75W	1	6	7	52	.1	12	7	486	1.66	2	5	ND	1	10	1	2	3	31	.18	.020	9	17	.39	89	.05	4	1.28	.01	.04	1	1
B 3+00N 4+50W	2	48	18	83	.2	22	8	202	3.06	2	5	ND	4	10	1	2	2	51	.11	.087	15	26	.40	99	.05	4	3.52	.01	.05	1	1
B 3+00N 4+25W	1	23	14	90	.1	25	11	956	2.69	2	5	ND	1	13	1	2	2	46	.13	.044	12	27	.39	138	.05	3	2.67	.01	.05	1	1
B 3+00N 4+00W	1	40	23	91	.2	12	6	469	3.04	3	5	ND	1	8	1	2	2	45	.12	.171	13	23	.21	159	.01	2	2.49	.01	.05	1	5
STD C AU-S	18	59	42	132	6.7	67	31	1024	4.26	39	19	7	38	48	18	16	21	59	.49	.068	40	53	.93	178	.07	32	2.03	.06	.13	13	53

6

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
B 3+00N 3+75W	2	56	17	52	.2	14	6	60	3.44	2	5	ND	5	6	1	2	2	53	.07	.140	15	29	.17	116	.02	2	4.19	.01	.03	1	1
B 3+00N 3+50W	1	73	20	85	.2	14	8	195	3.91	4	5	ND	1	16	1	2	4	56	.13	.195	20	28	.28	142	.03	2	2.63	.01	.06	1	1
B 3+00N 3+25W	1	301	23	94	.1	18	21	899	1.86	6	5	ND	1	29	1	2	2	29	.26	.097	35	19	.16	180	.01	2	1.60	.01	.05	1	1
B 3+00N 3+00W	1	44	15	125	.1	34	23	694	5.07	2	5	ND	13	81	1	2	3	94	.83	.191	62	33	2.24	255	.28	3	3.18	.01	.08	1	2
B 3+00N 2+75W	1	44	51	286	.1	23	18	5554	1.64	8	5	ND	1	37	2	2	4	23	.84	.218	14	18	.24	366	.01	3	1.43	.01	.07	1	2
B 3+00N 2+50W	1	41	11	75	.1	17	6	170	3.36	2	5	ND	3	11	1	2	4	50	.16	.130	10	30	.29	110	.04	2	3.39	.01	.03	1	1
B 3+00N 2+25W	1	13	8	134	.1	15	10	470	2.25	2	5	ND	2	12	1	2	2	39	.22	.072	12	26	.42	131	.06	2	1.43	.01	.08	1	2
B 3+00N 2+00W	1	4	4	42	.1	6	3	105	1.26	2	5	ND	2	8	1	2	5	31	.12	.015	11	18	.20	49	.04	2	.61	.01	.04	2	2
B 3+00N 1+75W	1	4	3	38	.1	7	3	197	1.12	2	5	ND	1	9	1	2	3	29	.15	.014	8	16	.17	60	.03	2	.48	.01	.03	2	2
B 3+00N 1+50W	1	91	20	110	.3	13	7	714	2.48	3	5	ND	1	8	1	2	3	40	.11	.132	12	27	.21	136	.02	2	1.94	.01	.07	1	1
B 3+00N 1+25W	1	31	37	115	.1	18	5	370	1.60	8	5	ND	1	9	2	2	2	25	.13	.143	12	19	.10	125	.01	2	1.62	.01	.06	1	1
B 3+00N 1+00W	1	14	7	160	.2	20	11	835	2.27	2	5	ND	1	15	1	2	4	36	.23	.134	9	32	.45	204	.04	2	1.83	.01	.11	1	1
B 3+00N 0+75W	1	17	10	159	.3	25	16	3674	2.34	2	5	ND	2	29	1	2	2	36	.29	.066	11	29	.45	326	.05	5	1.53	.01	.11	1	2
B 3+00N 0+50W	1	9	7	84	.2	15	8	517	2.04	2	5	ND	2	17	1	2	2	35	.29	.069	9	24	.34	142	.04	3	1.25	.01	.10	1	2
B 3+00N 0+25W	1	4	3	18	.1	5	2	96	.74	2	5	ND	1	8	1	2	2	16	.15	.010	9	14	.16	41	.03	2	.44	.01	.04	1	1
LO 2+50S	1	28	14	56	.2	16	6	147	2.47	2	5	ND	1	13	1	2	3	44	.15	.057	10	36	.27	100	.03	2	1.72	.01	.05	1	1
LO 2+75S	1	66	8	85	.1	29	13	255	2.77	3	5	ND	2	13	1	2	2	51	.20	.030	12	53	.54	107	.04	2	1.84	.01	.06	1	2
LO 3+00S	1	624	18	112	.2	81	18	432	4.62	5	5	ND	3	15	1	2	3	72	.32	.238	12	96	1.05	82	.06	3	4.93	.01	.08	1	99
LO 3+25S	1	76	12	38	.2	11	4	56	1.28	3	5	ND	1	9	1	2	2	27	.16	.048	13	17	.13	105	.02	2	1.13	.01	.05	2	166
LO 3+50S	1	48	17	100	.1	15	9	1028	2.39	4	5	ND	2	9	1	2	4	42	.14	.115	14	27	.26	215	.03	2	2.12	.01	.05	1	9
LO 3+75S	1	48	15	269	.1	53	35	5244	3.93	2	5	ND	2	19	1	2	2	59	.40	.114	13	55	.81	368	.04	2	3.15	.01	.09	1	2
LO 4+00S	1	81	16	152	.1	31	17	441	4.74	3	5	ND	10	136	1	2	2	79	.42	.120	46	23	1.37	199	.18	2	3.89	.01	.08	1	3
LO 4+10S	1	70	13	116	.1	25	13	417	3.77	7	5	ND	2	17	1	2	2	56	.23	.145	14	32	.39	143	.03	2	2.69	.01	.07	2	7
LO 4+25S	1	68	18	128	.2	25	13	756	3.33	4	5	ND	1	12	1	2	2	47	.22	.150	12	24	.32	141	.02	2	2.74	.01	.09	1	48
LO 4+50S	1	83	13	235	.3	63	31	416	4.89	2	5	ND	2	13	1	2	4	101	.22	.117	13	122	1.46	143	.08	2	3.49	.01	.08	1	870
LO 4+75S	1	123	14	97	.1	121	25	467	4.27	5	5	ND	1	15	1	2	2	80	.26	.066	16	65	.86	132	.05	2	2.43	.01	.07	2	4
LO 5+00S	1	102	5	57	.1	173	22	337	3.14	2	5	ND	4	15	1	2	3	54	.24	.018	21	82	.91	86	.07	2	1.57	.01	.04	1	3
LO 5+25S	1	80	8	83	.3	100	18	476	3.42	2	5	ND	1	10	1	2	4	56	.16	.042	18	78	.91	97	.05	3	1.75	.01	.05	1	12
LO 5+50S	1	24	6	83	.1	57	16	478	2.73	2	5	ND	1	17	1	2	2	44	.28	.045	17	86	.85	129	.04	5	1.66	.01	.06	1	7
LO 5+75S	1	27	8	119	.2	45	25	1394	2.57	2	5	ND	1	22	1	2	3	46	.29	.046	14	70	.72	215	.03	3	1.52	.01	.05	1	3
LO 6+00S	1	18	4	48	.2	36	13	301	2.02	2	5	ND	1	13	1	2	2	37	.19	.018	13	56	.63	73	.04	2	1.21	.01	.04	3	1
LO 6+25S	1	30	5	83	.1	40	19	988	3.27	2	5	ND	1	15	1	2	2	56	.25	.045	13	75	.74	125	.04	2	1.43	.01	.06	1	3
LO 6+50S	1	12	4	39	.1	26	7	154	1.68	2	5	ND	2	13	1	2	2	36	.19	.016	16	44	.48	45	.05	3	.92	.01	.05	2	1
LO 6+75S	1	95	9	121	.1	59	23	393	3.39	2	5	ND	1	23	1	2	2	56	.39	.056	21	59	1.04	127	.06	2	2.78	.01	.15	1	2
LO 7+00S	1	53	9	137	.3	55	19	565	3.93	3	5	ND	2	16	1	2	3	58	.21	.110	13	106	1.00	189	.05	4	2.41	.01	.10	1	1
LO 7+25S	1	10	3	27	.1	22	7	131	2.06	2	5	ND	2	21	1	2	2	43	.16	.011	12	47	.53	68	.06	2	.91	.01	.08	2	3
STD C/AU-S	18	60	40	132	6.7	68	31	1028	4.19	40	20	7	38	48	18	19	20	59	.49	.090	40	54	.94	180	.07	33	2.06	.06	.13	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L0E 3+50N	1	5	6	42	.1	7	6	312	1.18	2	5	ND	2	9	1	2	3	23	.16	.014	11	19	.25	69	.04	2	.67	.01	.05	2	3
L0E 3+25N	1	70	28	87	.3	42	31	698	4.40	2	5	ND	6	27	1	2	2	85	.54	.045	31	56	.75	223	.04	2	4.58	.01	.19	1	1
L0E 3+00N	1	73	15	202	.2	35	18	252	3.83	3	5	ND	3	12	1	2	2	48	.24	.220	13	40	.69	151	.05	2	3.07	.01	.12	1	2
L0E 2+75N	1	23	10	88	.1	22	8	130	1.62	2	5	ND	3	8	1	2	4	27	.15	.015	13	32	.44	55	.05	2	1.55	.01	.04	1	1
L0E 2+50N	1	15	10	51	.1	12	5	96	1.63	2	5	ND	2	7	1	2	2	25	.10	.039	12	20	.27	59	.03	2	1.65	.01	.04	1	1
L0E 2+25N	1	15	12	34	.1	8	3	90	1.67	2	5	ND	1	8	1	2	2	36	.10	.019	12	18	.20	81	.03	2	1.35	.01	.04	2	1
L1E 3+75N	1	56	20	142	.2	38	29	1918	3.87	4	5	ND	1	21	1	2	2	56	.43	.063	16	60	1.12	215	.05	2	5.40	.01	.10	1	1
L1E 3+50N	1	12	4	42	.1	10	5	148	1.14	2	5	ND	2	8	1	2	2	19	.15	.011	11	20	.36	31	.05	2	.96	.01	.03	2	1
L1E 3+25N	1	13	8	64	.1	12	8	642	1.48	2	5	ND	1	14	1	2	3	26	.22	.020	13	23	.34	81	.04	2	1.11	.01	.05	1	1
L1E 3+00N	1	13	11	68	.1	12	10	362	1.90	2	5	ND	1	12	1	2	2	31	.20	.042	11	21	.31	90	.03	2	1.50	.01	.06	1	1
L1E 2+75N	1	80	12	68	.1	49	15	424	3.31	5	5	ND	4	10	1	2	2	56	.24	.089	15	42	.60	60	.06	2	2.54	.01	.07	1	44
L1E 2+50N	1	45	15	299	.1	38	29	5015	3.57	3	5	ND	2	9	1	2	2	49	.10	.228	14	42	.53	192	.06	2	4.00	.01	.09	1	2
L1E 2+25N	1	21	8	141	.2	18	9	459	2.50	2	5	ND	5	7	1	2	3	43	.11	.112	14	32	.39	128	.04	2	1.77	.01	.06	1	31
L1E 2+00N	1	13	6	125	.1	13	7	712	1.80	2	5	ND	2	10	1	2	2	37	.21	.026	12	27	.35	118	.04	2	1.02	.01	.06	1	2
L1E 1+75N	1	27	12	36	.1	6	4	254	.86	2	5	ND	1	10	1	2	2	17	.14	.022	12	14	.13	84	.02	2	.33	.01	.08	1	48
L1E 1+50N	1	27	11	70	.1	32	11	190	3.13	2	5	ND	6	10	1	2	2	55	.15	.024	17	53	.75	74	.12	2	2.50	.01	.12	1	1
L1E 3+20S	1	25	10	32	.1	22	7	113	2.55	2	5	ND	2	13	1	2	2	55	.19	.013	10	37	.43	55	.05	2	1.77	.01	.04	2	1
L1E 3+50S	1	49	15	161	.1	35	11	448	3.64	2	5	ND	4	12	1	2	2	58	.18	.187	16	55	.72	125	.06	2	2.78	.01	.10	1	2
L1E 3+75S	1	167	7	86	.1	76	22	321	4.09	2	5	ND	6	13	1	2	2	69	.24	.103	19	71	1.08	79	.07	2	3.69	.01	.06	1	1
L1E 4+00S	1	28	11	135	.3	125	23	1213	2.66	2	5	ND	1	15	1	2	2	35	.27	.074	10	178	1.34	192	.06	2	2.39	.01	.07	1	2
L1E 4+50S	1	32	11	101	.3	15	11	439	2.07	2	5	ND	1	23	1	2	4	31	.28	.041	14	24	.31	261	.03	2	1.40	.01	.06	1	1
L1E 4+75S	1	19	7	71	.2	27	10	325	2.16	2	5	ND	2	14	1	2	2	38	.23	.026	12	43	.54	140	.04	2	1.54	.01	.06	1	1
L1E 5+00S	1	67	13	273	.3	61	34	1410	5.16	3	5	ND	1	16	1	2	2	88	.26	.081	23	82	1.35	229	.06	2	2.76	.01	.09	1	2
L1E 5+25S	2	307	15	167	.5	740	77	1727	7.35	3	5	ND	1	14	1	2	3	103	.37	.051	14	516	1.06	251	.05	2	1.93	.01	.07	1	15
L1E 5+50S	1	39	17	99	.2	47	10	197	3.88	2	5	ND	2	12	1	2	2	60	.14	.098	15	56	.54	129	.04	2	3.00	.01	.08	1	2
L1E 5+75S	1	15	8	73	.1	27	10	512	1.99	2	5	ND	1	14	1	2	3	35	.19	.032	14	40	.45	116	.04	4	1.36	.01	.04	1	3
L1E 6+00S	1	66	22	225	.4	78	33	2054	3.66	3	5	ND	3	24	1	2	2	56	.32	.195	56	70	.67	505	.03	2	3.29	.01	.09	1	1
L1E 6+25S	1	35	11	93	.3	41	16	1022	2.93	2	5	ND	2	15	1	2	2	44	.21	.085	16	51	.65	244	.04	2	2.26	.01	.09	1	2
L1E 6+50S	1	21	7	38	.2	32	10	209	2.05	2	5	ND	1	11	1	2	2	37	.17	.020	15	56	.65	83	.04	2	1.34	.01	.05	2	2
L2E 4+50N	1	40	10	85	.1	29	12	550	2.80	2	5	ND	1	11	1	2	3	35	.20	.025	13	31	.51	97	.04	2	1.65	.01	.05	1	1
L2E 4+25N	1	76	13	134	.2	49	16	488	3.34	2	5	ND	3	9	1	2	3	49	.15	.122	12	38	.63	118	.05	2	3.28	.01	.08	1	2
L2E 4+00N	1	30	10	98	.1	32	10	307	2.36	2	5	ND	2	9	1	2	2	37	.15	.047	11	37	.54	74	.05	2	1.73	.01	.05	1	5
L2E 3+75N	1	11	8	71	.2	40	6	245	1.46	2	5	ND	3	13	1	2	2	21	.21	.019	12	26	.38	86	.03	2	1.60	.01	.03	1	1
L2E 3+50N	1	46	10	62	.1	36	14	484	2.79	2	5	ND	3	21	1	2	2	44	.29	.032	19	50	.69	135	.05	5	2.71	.01	.12	1	1
L2E 3+25N	1	28	3	58	.1	31	10	175	1.95	2	5	ND	5	10	1	2	2	29	.20	.013	15	39	.63	36	.06	2	1.27	.01	.04	1	2
L2E 3+00N	1	44	12	83	.1	34	12	515	2.60	2	5	ND	4	34	1	2	2	36	1.48	.027	42	41	.55	399	.03	2	2.53	.01	.14	1	1
STD C/AU-S	18	60	41	132	6.8	67	31	1027	4.16	41	19	7	39	49	18	16	19	59	.49	.088	40	53	.93	183	.07	32	2.05	.06	.13	12	47

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L2E 2+75N	1	74	9	46	.1	34	9	243	1.96	2	5	ND	3	19	1	2	2	32	.61	.021	18	35	.51	103	.04	4	2.03	.01	.12	1	1
L2E 2+50N	1	139	16	65	.1	71	8	85	2.87	6	5	ND	6	26	1	2	2	74	1.99	.025	103	43	.54	253	.02	4	3.31	.01	.09	1	1
L2E 2+25N	1	32	7	56	.1	30	9	108	1.85	2	5	ND	1	11	1	2	2	29	.42	.019	11	34	.49	63	.04	5	1.94	.01	.03	1	2
L2E 2+00N	1	25	7	32	.1	30	6	104	2.24	3	5	ND	4	22	1	2	2	36	.70	.015	21	37	.42	165	.02	3	2.39	.01	.07	1	3
L2E 1+75N	1	15	7	82	.2	19	8	190	2.32	2	5	ND	4	8	1	2	3	41	.12	.022	11	35	.32	70	.04	4	1.72	.01	.04	2	5
L2E 1+50N	1	29	3	66	.1	36	11	264	3.02	3	5	ND	2	11	1	2	2	53	.16	.025	11	47	.72	87	.06	3	2.60	.01	.05	1	1
L2E 1+25N	1	69	13	140	.1	48	18	1329	2.98	3	5	ND	1	11	1	2	3	40	.12	.082	13	40	.36	111	.04	2	2.24	.01	.07	1	5
L2E 1+00N	1	9	7	56	.1	15	6	116	1.43	2	5	ND	3	8	1	2	2	26	.12	.012	13	24	.33	59	.05	2	1.03	.01	.03	1	1
L2E 0+50S	1	39	3	68	.1	26	9	162	2.75	2	5	ND	3	11	1	2	2	45	.18	.016	9	38	.58	52	.06	5	2.29	.01	.04	1	2
L2E 0+75S	1	41	7	78	.1	32	12	426	2.72	4	5	ND	3	13	1	2	2	42	.22	.096	10	42	.68	86	.05	2	2.19	.01	.08	1	2
L2E 1+00S	1	9	6	26	.1	16	6	92	1.18	2	5	ND	3	8	1	2	2	22	.16	.008	11	22	.35	30	.06	3	.87	.01	.02	1	1
L2E 1+25S	1	22	11	44	.1	24	10	307	1.98	2	5	ND	3	10	1	2	2	39	.17	.006	13	34	.50	83	.06	2	1.31	.01	.06	1	1
L2E 1+50S	1	16	8	21	.1	19	7	94	1.82	2	5	ND	3	11	1	2	3	40	.28	.002	13	25	.38	51	.06	2	1.13	.01	.04	1	3
L2E 3+25S	1	70	9	49	.1	49	13	213	3.66	4	5	ND	3	15	1	2	2	79	.28	.007	14	77	1.41	44	.12	4	2.67	.01	.04	1	15
L2E 3+50S	1	8	7	40	.1	10	4	120	1.26	2	5	ND	2	8	1	2	3	23	.12	.020	11	16	.25	49	.04	5	.91	.01	.03	1	1
L2E 3+75S	1	13	2	67	.1	19	8	133	1.61	2	5	ND	3	7	1	2	2	29	.13	.021	13	35	.47	50	.06	4	1.60	.01	.04	1	1
L2E 4+00S	1	4	7	45	.1	11	5	76	1.27	2	5	ND	2	8	1	2	2	30	.15	.004	10	21	.31	23	.05	3	.87	.01	.02	1	1
L2E 4+75S	1	25	6	56	.1	24	11	133	2.02	2	5	ND	3	11	1	2	2	37	.24	.008	11	36	.55	99	.06	2	1.46	.01	.03	1	2
L2E 5+00S	1	113	6	42	.2	37	10	341	2.19	2	5	ND	1	46	1	2	2	34	2.30	.043	24	38	.44	257	.03	8	2.11	.01	.09	1	1
L2E 5+25S	1	20	10	57	.1	31	11	325	2.31	2	5	ND	2	25	1	2	2	41	.65	.019	18	44	.71	110	.06	3	2.04	.01	.09	1	1
L2E 5+50S	1	15	7	84	.2	18	7	173	1.73	2	5	ND	2	10	1	2	3	29	.15	.021	13	32	.47	63	.04	5	1.24	.01	.05	1	12
L2E 5+75S	1	24	11	93	.2	34	17	579	2.72	2	5	ND	2	17	1	2	2	46	.21	.058	19	50	.73	126	.05	2	2.12	.01	.09	1	1
L2E 6+00S	1	17	14	44	.2	27	10	173	2.51	4	5	ND	4	42	1	2	2	36	.53	.016	16	44	.66	123	.05	7	2.41	.01	.18	1	1
L3E 4+25N	1	19	13	72	.2	31	38	2884	2.54	3	5	ND	1	13	1	2	2	40	.21	.055	13	38	.55	135	.04	5	1.95	.01	.09	1	1
L3E 4+00N	1	72	10	77	.2	56	18	293	4.06	2	5	ND	3	12	1	2	2	60	.22	.070	13	52	.78	134	.09	3	2.82	.01	.07	1	1
L3E 3+75N	1	54	13	196	.3	45	28	1323	4.41	6	5	ND	2	7	1	2	2	71	.10	.073	13	55	.97	150	.04	4	3.67	.01	.09	1	25
L3E 3+50N	1	17	7	74	.1	14	9	271	1.52	3	5	ND	1	13	1	2	2	27	.32	.026	11	22	.32	106	.02	3	1.18	.01	.05	1	1
L3E 3+25N	1	61	9	160	.2	48	24	323	4.13	2	5	ND	3	13	1	2	2	72	.20	.037	9	64	.89	80	.10	2	2.46	.01	.05	1	93
L3E 3+00N	1	72	13	121	.3	50	17	248	2.88	2	5	ND	2	11	1	2	3	45	.17	.043	15	39	.75	102	.06	2	3.63	.01	.06	1	6
L3E 2+75N	1	80	9	89	.3	52	17	222	3.51	2	5	ND	4	9	1	2	2	59	.16	.044	16	60	.89	84	.07	3	2.70	.01	.06	1	97
L3E 2+50N	1	9	5	135	.1	20	9	333	1.70	2	5	ND	2	14	1	2	2	28	.20	.037	14	29	.47	132	.05	3	1.87	.01	.05	1	1
L3E 2+25N	1	26	6	80	.1	35	14	403	2.32	2	5	ND	4	10	1	2	2	44	.19	.042	14	44	.64	89	.06	3	2.26	.01	.05	1	3
L3E 2+00N	1	9	5	33	.1	18	7	169	1.33	2	5	ND	4	12	1	2	2	24	.22	.007	14	25	.41	57	.06	2	1.14	.01	.04	1	1
L3E 1+75N	1	7	9	54	.1	14	7	133	1.53	2	5	ND	1	14	1	2	2	29	.20	.010	11	21	.41	51	.05	3	1.32	.01	.03	1	33
L3E 1+50N	1	22	8	87	.1	20	6	131	2.56	3	5	ND	2	8	1	2	2	42	.12	.055	13	35	.44	72	.04	2	2.14	.01	.04	1	27
L3E 1+25N	1	58	13	105	.2	51	20	493	4.22	5	5	ND	5	11	1	2	2	63	.21	.170	19	58	.81	125	.07	2	3.23	.01	.09	1	1
STD C/AU-S	18	60	39	132	6.8	67	31	1019	4.17	39	18	8	38	49	17	18	20	59	.49	.090	40	57	.94	181	.07	33	2.05	.06	.13	11	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L3E 1+00N	1	4	4	36	.1	9	4	139	1.17	2	5	ND	3	10	1	2	2	25	.18	.009	13	20	.24	55	.04	2	.81	.01	.03	1	9
L3E 0+75N	1	36	9	42	.1	30	10	215	1.75	2	5	ND	5	11	1	2	2	29	.34	.012	19	32	.42	68	.06	2	1.52	.01	.05	1	25
L3E 0+50N	1	68	19	70	.3	36	7	128	2.76	4	5	ND	6	17	1	2	2	49	.56	.028	27	33	.44	210	.04	2	2.86	.01	.09	1	10
L3E 0+25N	1	9	5	39	.1	14	6	115	1.60	4	5	ND	4	9	1	2	2	37	.16	.012	14	28	.41	44	.06	2	1.28	.01	.04	1	34
L3E 0+00N	1	63	16	64	.2	46	21	3643	3.43	4	5	ND	5	25	1	2	2	55	1.02	.027	40	43	.52	278	.04	2	3.44	.01	.12	1	2
L3E 0+25S	1	31	10	65	.4	13	8	243	2.40	2	5	ND	2	12	1	2	2	50	.19	.024	13	25	.46	85	.04	2	1.64	.01	.06	1	11
L3E 1+00S	1	60	12	39	.1	27	7	85	1.33	4	5	ND	1	44	1	2	2	21	1.64	.060	30	21	.27	94	.02	3	1.63	.01	.06	1	1
L3E 1+25S	1	11	10	47	.1	8	5	192	1.21	4	5	ND	3	11	1	2	2	25	.16	.013	16	20	.23	85	.04	2	.97	.01	.04	1	1
L3E 1+50S	1	36	7	127	.1	35	12	283	2.75	2	5	ND	5	11	1	2	2	47	.21	.025	13	48	.62	89	.07	2	2.44	.01	.07	1	1
L3E 1+75S	1	62	5	117	.3	85	21	256	3.13	2	5	ND	4	16	1	2	3	44	.26	.091	10	63	.65	139	.06	2	4.89	.02	.08	1	2
L3E 2+00S	1	36	12	65	.1	21	12	329	1.97	2	5	ND	3	19	1	2	2	35	.25	.030	16	32	.47	96	.05	3	2.06	.01	.06	1	1
L3E 2+25S	1	14	9	90	.1	19	10	388	1.87	4	5	ND	3	9	1	2	3	31	.15	.026	13	27	.38	71	.04	2	1.59	.01	.06	1	2
L3E 2+50S	1	25	9	109	.1	30	11	416	2.61	2	5	ND	5	12	1	2	2	45	.44	.014	11	59	.71	109	.10	2	2.38	.01	.04	1	1
L3E 2+75S	1	107	20	75	.1	57	41	1647	6.10	8	5	ND	14	31	1	2	2	102	.95	.035	37	69	.93	319	.08	2	4.69	.01	.22	1	1
L3E 3+00S	2	67	14	124	.2	48	16	328	5.28	5	5	ND	4	17	1	2	2	86	.20	.093	20	89	1.15	109	.07	2	3.84	.01	.09	1	1
L3E 3+25S	1	32	11	61	.1	32	12	148	3.14	6	5	ND	4	22	1	2	2	52	.21	.072	12	43	.61	72	.08	2	2.57	.01	.06	1	36
L3E 3+75S	1	19	17	62	.1	8	3	102	1.09	3	5	ND	1	13	1	2	3	28	.17	.015	13	18	.20	124	.03	2	1.31	.01	.05	1	2
L3E 4+00S	1	66	10	64	.1	35	13	259	2.57	3	5	ND	6	24	1	2	2	42	.34	.020	21	47	.76	109	.09	2	2.61	.01	.05	1	3
L3E 4+25S	1	33	13	98	.8	13	8	498	2.35	4	5	ND	2	20	1	2	2	41	.18	.073	18	27	.32	159	.03	2	2.23	.01	.06	1	4
L3E 4+50S	1	23	16	93	.2	10	5	456	2.57	2	5	ND	2	9	1	2	3	44	.13	.084	15	26	.21	151	.02	2	2.39	.01	.05	1	1
L3E 4+75S	1	16	8	140	.1	49	13	806	3.39	2	5	ND	2	23	1	2	2	49	.22	.052	29	111	.91	160	.05	2	2.01	.01	.06	1	4
L3E 5+00S	1	20	11	73	.1	14	6	195	2.50	2	5	ND	3	20	1	2	2	48	.19	.058	14	29	.37	116	.05	2	2.00	.01	.06	1	1
L3E 5+25S	1	22	6	93	.1	22	10	131	2.57	2	5	ND	4	15	1	2	2	42	.17	.056	13	34	.46	83	.06	2	2.34	.01	.04	1	2
L3E 5+50S	1	13	4	47	.1	16	6	174	1.60	2	5	ND	5	17	1	2	2	28	.24	.017	17	29	.53	61	.06	2	1.43	.01	.06	1	1
L3E 5+75S	1	82	12	123	.5	53	15	202	4.01	4	5	ND	6	27	1	2	2	64	.30	.174	20	57	.60	174	.07	2	4.36	.01	.11	1	1
L3E 6+00S	1	15	9	96	.1	14	7	472	1.81	4	5	ND	1	18	1	2	2	30	.23	.040	14	29	.37	200	.04	2	1.35	.01	.05	1	1
L3E 6+25S	1	8	5	117	.1	15	8	405	1.68	2	5	ND	2	16	1	2	2	27	.21	.044	15	28	.42	133	.05	2	1.34	.01	.06	1	2
L3E 6+50S	1	31	7	93	.1	29	11	193	3.09	2	5	ND	3	44	1	2	2	45	.27	.109	17	44	.57	123	.05	2	2.34	.01	.08	1	3
L4E 5+00N	1	49	10	99	.1	41	18	756	2.74	2	5	ND	3	12	1	2	2	42	.36	.030	14	39	.56	80	.05	2	2.44	.01	.07	1	21
L4E 4+75N	1	17	3	46	.1	21	8	133	1.53	2	5	ND	2	8	1	2	2	28	.23	.010	11	30	.44	37	.06	2	1.27	.01	.03	1	1
L4E 4+50N	1	26	8	75	.1	36	11	217	2.51	2	5	ND	3	12	1	2	2	41	.41	.014	10	37	.66	69	.12	2	1.94	.01	.09	1	2
L4E 4+25N	1	23	5	70	.1	26	8	172	2.42	2	5	ND	5	11	1	2	2	52	.28	.024	17	41	.39	65	.05	2	1.48	.01	.06	1	1
L4E 4+00N	1	28	6	43	.1	27	9	172	2.54	3	5	ND	4	12	1	2	2	49	.36	.015	14	42	.75	48	.09	6	1.61	.01	.07	2	1
L4E 4+00N A	1	117	15	213	.2	50	22	1342	3.32	4	5	ND	3	17	1	2	2	57	.34	.178	14	32	.48	202	.04	2	3.63	.01	.10	1	5
L4E 3+75N	1	69	14	152	.1	43	25	631	5.60	4	5	ND	3	12	1	2	2	52	.28	.049	15	49	.65	129	.06	2	3.15	.01	.06	1	1
L4E 3+50N	1	47	2	70	.1	35	11	365	2.76	3	5	ND	4	11	1	2	2	48	.25	.057	15	52	.59	79	.07	2	2.68	.01	.04	1	1
STD C/AU-S	18	61	35	132	7.2	64	31	1023	4.12	40	20	7	38	46	17	18	19	58	.49	.089	40	55	.93	177	.07	32	2.00	.06	.13	12	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L4E 3+25N	1	9	8	23	.1	15	4	90	1.12	2	5	ND	4	7	1	2	2	23	.17	.005	10	22	.32	20	.05	2	.79	.01	.02	2	20
L4E 3+00N	1	177	14	86	.3	67	28	580	3.66	5	5	ND	5	21	1	2	4	48	1.01	.043	34	49	.92	227	.06	2	3.63	.01	.16	2	3
L4E 2+75N	1	34	15	161	.3	41	19	649	4.56	5	5	ND	2	14	1	2	3	75	.23	.062	16	62	1.05	146	.06	2	2.58	.01	.08	2	1
L4E 2+50N	1	43	21	141	.4	19	8	236	3.75	6	5	ND	3	10	1	2	2	62	.19	.178	13	29	.53	143	.03	2	3.28	.01	.08	1	1
L4E 2+25N	1	20	10	112	.5	29	11	578	2.60	3	5	ND	4	11	1	2	2	39	.21	.051	21	35	.50	134	.05	2	1.93	.01	.06	1	7
L4E 2+00N	1	30	9	93	.2	29	14	558	2.46	2	5	ND	3	13	1	2	2	40	.41	.028	14	29	.61	106	.07	3	2.20	.01	.06	1	1
L4E 1+75N	1	48	14	70	.2	36	15	934	2.91	2	5	ND	4	19	1	2	2	46	.66	.043	23	48	.63	148	.04	2	2.89	.01	.12	1	1
L4E 1+50N	1	47	13	67	.3	45	13	462	3.38	4	5	ND	9	20	1	2	2	62	.56	.031	25	54	.71	158	.06	2	2.88	.01	.17	1	1
L4E 1+25N	1	37	13	56	.1	26	9	132	2.23	2	5	ND	4	13	1	2	2	37	.34	.019	14	36	.50	126	.04	2	2.38	.01	.05	1	1
L4E 1+00N	1	15	12	45	.1	23	8	210	2.23	2	5	ND	6	18	1	2	2	38	.25	.013	14	37	.65	71	.06	4	2.03	.01	.10	1	1
L4E 0+75N	1	18	11	61	.3	6	5	278	1.97	2	5	ND	2	8	1	2	2	52	.11	.041	11	27	.19	96	.02	2	1.40	.01	.05	1	2
L4E 0+50N	1	112	8	109	.2	170	20	274	2.79	2	5	ND	2	25	1	2	2	35	.52	.109	10	90	.76	116	.05	3	5.76	.07	.07	2	1
L4E 0+25N	1	13	8	73	.1	21	7	176	1.60	2	5	ND	4	8	1	2	2	26	.15	.013	12	26	.42	47	.06	2	1.24	.01	.03	1	4
L4E 0+00	1	25	6	66	.1	28	9	316	2.38	2	5	ND	4	11	1	2	2	39	.22	.035	14	40	.60	65	.06	2	1.83	.01	.05	1	2
L4E 0+25S	1	10	7	53	.1	11	5	173	1.70	2	5	ND	4	10	1	2	2	29	.17	.036	12	22	.32	75	.06	2	1.21	.01	.05	1	1
L4E 0+50S	1	11	17	70	.1	14	5	122	1.92	2	5	ND	4	10	1	2	2	38	.15	.050	15	36	.35	101	.08	2	1.63	.01	.05	1	1
L4E 0+75S	1	68	22	106	.3	72	30	1792	4.04	2	5	ND	7	23	1	2	2	61	.78	.055	32	59	.67	259	.06	2	5.32	.01	.14	1	1
L4E 1+00S	1	51	24	65	.2	7	4	131	2.83	6	5	ND	1	6	1	2	2	51	.07	.164	14	22	.11	143	.01	2	3.19	.01	.03	1	1
L4E 1+25S	1	60	21	351	.3	26	21	1429	4.56	5	5	ND	3	19	1	2	2	60	.41	.154	14	37	.52	220	.03	2	3.95	.01	.10	1	2
L4E 1+50S	1	31	20	97	.2	19	11	261	2.24	2	5	ND	2	13	1	2	3	38	.20	.044	16	29	.43	120	.04	2	2.19	.01	.07	1	1
L4E 1+75S	1	45	15	232	.1	49	16	365	3.39	5	5	ND	3	12	1	2	2	49	.26	.164	11	45	.67	118	.05	2	3.05	.01	.07	1	1
L4E 2+00S	1	7	6	36	.1	16	6	145	1.41	2	5	ND	5	12	1	2	2	26	.21	.013	13	24	.42	39	.06	2	1.00	.01	.06	1	2
L4E 2+25S	1	57	15	75	.1	47	12	283	3.46	2	5	ND	12	24	1	2	2	48	1.18	.022	65	52	.69	192	.04	3	3.81	.01	.14	1	1
L4E 2+50S	1	23	15	149	.1	22	8	355	2.31	4	5	ND	1	17	1	2	2	36	.42	.047	11	33	.53	88	.05	3	1.84	.01	.11	1	3
L4E 2+75S	1	26	16	119	.1	30	8	514	2.63	3	5	ND	1	11	1	2	2	46	.20	.040	11	31	.53	98	.03	2	1.75	.01	.07	1	14
L4E 3+00S	1	40	12	89	.2	21	10	523	3.27	3	5	ND	2	16	1	2	2	62	.20	.046	9	29	.64	157	.04	2	2.12	.01	.06	1	5
L4E 3+25S	1	13	13	50	.1	14	6	181	2.16	3	5	ND	2	16	1	2	2	36	.22	.038	10	30	.35	81	.03	2	1.39	.01	.06	1	4
L4E 3+50S	1	49	9	76	.1	37	23	827	2.56	2	5	ND	5	23	1	2	2	38	.53	.027	25	40	.58	126	.05	3	2.42	.01	.15	1	3
L4E 3+75S	1	303	16	45	.1	61	14	143	3.39	2	5	ND	14	35	1	2	2	44	1.24	.034	93	53	.62	283	.04	2	4.60	.01	.09	1	4
✓ L4E 4+00S	2	88	24	182	.3	72	43	1024	9.34	9	5	ND	3	11	1	2	2	114	.20	.076	19	61	.77	120	.03	2	2.92	.01	.07	1	6
L4E 4+25S	1	30	12	72	.2	24	8	308	3.27	5	5	ND	2	9	1	2	2	65	.11	.051	11	42	.62	97	.03	3	2.23	.01	.06	2	1
L4E 4+50S	1	36	19	106	.2	26	8	170	3.03	3	5	ND	4	11	1	2	2	48	.13	.063	11	35	.40	103	.04	2	3.29	.01	.05	1	1
L4E 4+75S	1	47	10	102	.2	46	23	816	5.47	5	5	ND	3	11	1	2	3	85	.25	.021	11	66	1.22	95	.06	2	2.03	.03	.06	1	7
L4E 5+00S	2	73	18	118	.2	31	9	348	3.53	4	5	ND	3	10	1	2	2	49	.10	.153	15	38	.29	143	.02	2	3.60	.01	.05	1	1
L4E 5+25S	1	80	18	125	.2	58	7	185	3.02	4	5	ND	2	8	1	2	2	49	.13	.067	14	41	.36	125	.02	3	2.21	.01	.05	2	5
L4E 5+50S	1	62	16	56	.1	31	17	508	3.23	3	5	ND	9	20	1	2	2	54	.43	.020	29	43	.57	162	.04	2	2.56	.01	.11	1	1
STD C/AU-S	18	58	40	132	6.6	69	31	1018	4.10	39	19	6	38	47	17	17	19	58	.48	.090	39	55	.94	172	.07	32	2.06	.06	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L4E 5+75S	1	14	8	62	.1	27	9	203	2.34	2	5	ND	2	16	1	2	2	40	.22	.057	21	53	.47	128	.04	2	1.63	.01	.05	1	15
L4E 6+00S	1	24	13	101	.1	32	13	607	2.35	2	5	ND	1	30	1	2	2	36	.45	.079	16	35	.54	213	.04	3	1.95	.01	.07	1	13
L4E 6+25S	1	26	13	46	.1	26	12	207	2.02	2	5	ND	3	26	1	2	2	38	.33	.023	27	36	.61	204	.07	4	1.81	.01	.06	1	11
L4E 6+50S	1	16	5	34	.1	30	10	180	1.74	2	5	ND	3	15	1	2	2	30	.26	.013	19	44	.61	57	.07	3	1.27	.01	.04	2	7
L5E 2+25N	1	77	11	38	.1	21	2	96	.63	2	5	ND	1	57	1	2	2	9	3.68	.043	25	7	.13	105	.01	7	.52	.01	.02	2	2
L5E 2+00N	1	155	18	81	.3	62	17	839	4.55	2	9	ND	4	27	1	2	2	67	1.14	.056	56	45	.81	278	.06	3	4.87	.01	.20	1	7
L5E 1+75N	1	76	21	67	.1	30	16	427	2.89	2	5	ND	1	18	1	2	2	51	.56	.032	26	24	.55	106	.05	2	2.31	.01	.07	1	12
L5E 1+50N	1	16	10	47	.1	18	9	247	1.84	2	5	ND	2	12	1	2	2	33	.25	.007	13	23	.51	52	.06	2	1.45	.01	.03	1	1
L5E 1+25N	1	23	10	102	.1	29	10	172	2.99	2	5	ND	2	11	1	2	2	45	.20	.126	12	29	.53	74	.05	2	2.95	.01	.06	1	6
L5E 1+00N	1	41	16	79	.1	806	124	1269	9.62	2	5	ND	1	31	1	2	2	38	.94	.053	7	349	6.85	80	.06	4	3.28	.03	.04	1	1
L5E 0+75N	1	16	16	204	.1	326	58	834	6.34	3	5	ND	2	14	1	2	2	40	.28	.101	9	201	2.63	108	.04	2	2.00	.01	.07	1	1
L5E 0+50N	1	33	22	226	.3	26	10	448	3.59	2	5	ND	2	11	1	2	2	52	.17	.246	13	27	.37	126	.02	2	4.05	.01	.06	1	1
L5E 0+25N	1	8	6	28	.1	11	4	76	1.04	2	5	ND	1	12	1	2	2	22	.18	.027	13	23	.18	54	.02	3	.72	.01	.04	2	7
L5E 0+00	1	40	21	103	.1	33	45	1305	3.85	3	5	ND	1	21	1	2	2	58	.28	.095	20	28	.41	175	.03	2	2.92	.01	.08	1	1
L5E 0+25S	1	71	21	102	.2	58	13	533	3.25	2	5	ND	1	21	1	2	2	58	.43	.065	21	28	.60	175	.04	2	3.59	.01	.09	1	12
L5E 0+50S	1	92	15	169	.1	41	38	7540	4.71	3	5	ND	1	21	1	2	2	126	.63	.193	12	21	1.11	225	.02	3	3.06	.01	.08	1	29
L5E 0+75S	1	24	21	105	.1	16	8	985	2.46	2	5	ND	1	10	1	2	2	40	.19	.084	12	21	.47	152	.01	2	2.57	.01	.05	2	5
L5E 1+00S	1	10	10	53	.1	29	14	573	1.79	2	5	ND	1	14	1	2	2	30	.21	.023	13	47	.55	87	.03	5	1.43	.01	.04	1	1
L5E 1+25S	1	15	11	30	.1	15	4	142	1.92	2	5	ND	1	7	1	2	2	35	.12	.040	12	15	.20	72	.02	2	1.32	.01	.03	2	1
L5E 1+50S	1	10	11	46	.1	25	6	127	2.05	3	5	ND	1	10	1	2	3	40	.15	.029	11	36	.42	62	.04	3	1.35	.01	.04	2	1
L5E 1+75S	1	22	14	46	.1	15	5	151	1.61	2	5	ND	1	7	1	2	2	27	.12	.053	11	18	.36	102	.01	2	2.00	.01	.05	1	1
L5E 2+00S	1	21	6	59	.1	49	10	171	1.79	2	5	ND	2	11	1	2	2	28	.19	.018	14	54	.61	63	.04	3	1.47	.01	.04	1	1
L5E 2+25S	1	61	18	62	.3	135	35	662	4.69	3	5	ND	4	23	1	2	2	81	.49	.042	24	69	.79	233	.04	2	5.12	.01	.06	1	1
L5E 2+50S	1	33	18	158	.2	32	17	1293	3.09	4	6	ND	4	17	1	2	2	48	.19	.166	18	26	.52	211	.03	2	3.12	.01	.08	1	2
L5E 2+75S	1	13	15	63	.1	21	6	170	2.22	3	5	ND	2	11	1	2	2	34	.12	.082	11	30	.25	109	.03	2	1.74	.01	.04	1	1
L5E 3+00S	1	8	10	24	.1	9	2	41	.50	2	5	ND	1	14	1	2	2	13	.19	.039	10	9	.15	74	.01	2	1.04	.01	.04	1	1
L5E 3+25S	1	21	16	74	.1	33	11	635	2.64	4	5	ND	2	14	1	2	2	43	.14	.081	12	18	.51	159	.02	2	2.59	.01	.07	1	1
L5E 3+50S	2	89	18	108	.3	21	9	232	3.99	3	5	ND	3	8	1	2	2	53	.09	.146	14	25	.41	109	.03	2	4.30	.01	.06	1	1
L5E 3+75S	1	18	8	30	.1	56	14	215	2.93	2	5	ND	2	15	1	2	2	40	.22	.033	12	24	1.21	64	.05	3	2.49	.01	.06	1	1
L5E 4+00S	1	90	7	50	.1	39	13	215	2.32	2	5	ND	4	17	1	2	2	37	.28	.026	15	29	.91	83	.09	2	1.83	.01	.33	1	3
L5E 4+25S	1	42	9	38	.1	45	16	489	2.24	2	5	ND	5	21	1	2	3	42	.47	.031	22	43	.67	107	.05	3	1.62	.01	.05	2	2
L5E 4+50S	1	31	15	231	.2	71	39	3658	3.91	2	5	ND	2	25	1	2	3	45	.38	.983	21	33	.79	257	.03	2	2.17	.01	.08	1	6
L5E 4+75S	1	5	7	17	.1	8	3	82	.81	2	5	ND	1	10	1	2	2	16	.09	.017	11	10	.13	45	.02	2	.65	.01	.03	1	1
L5E 5+00S	1	15	7	60	.1	28	9	163	2.22	2	5	ND	3	12	1	2	2	33	.17	.034	12	26	.50	65	.04	2	1.80	.01	.04	2	1
L5E 5+25S	1	49	8	88	.2	74	19	212	4.24	4	5	ND	5	14	1	2	2	58	.13	.072	14	42	1.08	80	.06	3	3.91	.01	.06	1	8
L5E 5+50S	1	22	9	82	.1	48	13	173	2.76	2	5	ND	3	14	1	2	2	39	.15	.033	13	33	.97	40	.06	2	1.90	.01	.04	1	6
STD C/AU-S	18	59	42	131	6.6	67	30	1019	4.14	39	23	8	37	48	18	20	18	59	.49	.095	40	53	.52	176	.07	33	2.04	.06	.13	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L5E 5+75S	1	18	10	23	.2	16	5	71	2.24	2	5	ND	7	19	1	2	2	35	.26	.010	20	33	.38	140	.01	2	2.05	.01	.05	1	1
L5E 6+00S	1	9	7	36	.1	16	6	136	1.71	2	5	ND	6	15	1	2	2	29	.23	.016	15	30	.51	55	.06	4	1.39	.01	.05	1	2
L5E 6+25S	1	41	12	66	.2	33	12	326	2.59	2	5	ND	2	35	1	2	2	38	.31	.070	20	38	.64	126	.03	4	2.87	.01	.07	1	1
L5E 6+50S	1	28	10	81	.2	29	19	933	3.05	3	5	ND	3	25	1	2	2	45	.38	.138	17	33	.56	266	.03	3	2.54	.01	.08	1	4
L6E 2+00N	1	70	5	43	.1	37	13	279	3.15	7	5	ND	6	15	1	2	2	46	.40	.028	13	57	.83	73	.12	6	2.15	.01	.22	2	2
L6E 1+75N	1	36	9	44	.3	43	18	321	4.26	2	5	ND	7	28	1	2	2	52	1.18	.037	30	43	1.14	190	.12	7	3.29	.01	.26	1	3
L6E 1+50N	1	31	7	47	.1	26	10	261	2.46	2	5	ND	5	26	1	2	2	41	.86	.015	30	41	.85	110	.08	4	1.93	.01	.17	1	1
L6E 1+25N	1	37	10	56	.1	31	12	319	2.90	3	5	ND	7	25	1	2	2	44	.81	.041	31	45	.87	119	.07	7	2.13	.01	.21	1	2
L6E 1+00N	1	82	18	106	.3	63	23	859	4.65	3	5	ND	14	30	1	2	2	64	1.01	.022	44	68	1.77	210	.14	8	3.84	.03	.43	1	2
L6E 0+75N	1	124	9	72	.2	63	18	510	3.19	6	5	ND	5	21	1	2	2	43	.79	.038	18	52	.76	129	.09	4	2.54	.01	.33	1	2
L6E 0+50N	1	23	7	70	.2	21	8	156	2.38	2	5	ND	5	8	1	2	2	40	.15	.042	14	36	.46	55	.06	3	1.58	.01	.05	1	2
L6E 0+25N	1	20	7	171	.2	26	12	756	2.47	2	5	ND	1	12	1	2	2	41	.22	.097	10	39	.40	85	.04	2	1.68	.01	.06	1	2
L6E 0+00	1	10	4	49	.1	5	6	191	1.00	2	5	ND	3	6	1	2	2	22	.13	.015	16	28	.20	60	.03	3	.66	.01	.05	1	1
L6E 0+25S	1	35	14	200	.3	37	23	3655	2.90	2	5	ND	2	21	1	2	2	37	.39	.111	16	38	.46	332	.03	2	2.79	.01	.09	1	2
L6E 0+50S	1	17	8	140	.2	23	14	1126	2.21	2	5	ND	2	15	1	2	2	35	.25	.056	12	43	.48	129	.05	2	1.62	.01	.08	1	47
L6E 0+75S	1	19	6	81	.1	26	9	304	2.15	2	5	ND	3	12	1	2	2	32	.22	.047	13	38	.54	78	.06	2	1.53	.01	.06	1	2
L6E 1+00S	1	11	6	78	.2	78	15	219	2.70	2	5	ND	4	11	1	2	2	35	.25	.026	11	37	1.22	59	.06	3	2.06	.01	.05	1	1
L6E 1+50S	1	26	9	60	.2	20	9	229	2.01	2	5	ND	2	9	1	2	2	27	.13	.116	14	34	.37	72	.04	2	2.10	.01	.34	1	3
L6E 1+75S	1	35	8	62	.1	44	12	210	2.93	2	5	ND	3	9	1	2	2	45	.21	.047	12	52	.78	76	.08	2	2.36	.01	.06	1	1
L6E 2+00S	1	27	10	150	.3	45	21	1411	3.07	2	5	ND	3	14	1	2	2	39	.23	.119	15	37	.61	186	.03	3	3.12	.01	.28	1	2
L6E 2+25S	1	11	6	63	.1	15	6	267	1.98	2	5	ND	1	15	1	2	2	34	.26	.071	13	32	.34	101	.04	2	1.52	.01	.06	1	3
L6E 2+50S	1	5	2	44	.1	12	6	243	1.45	2	5	ND	2	12	1	2	2	25	.20	.026	12	23	.33	50	.04	2	1.03	.01	.04	1	7
L6E 2+75S	1	8	7	74	.2	24	10	328	2.03	2	5	ND	2	11	1	2	2	34	.18	.032	12	39	.46	72	.06	2	1.50	.01	.06	1	2
L6E 3+00S	1	5	8	80	.1	16	8	488	1.34	2	5	ND	1	14	1	2	2	23	.19	.024	13	35	.32	99	.03	2	.82	.01	.06	1	2
L6E 3+25S	1	14	5	76	.1	23	11	395	2.05	2	5	ND	4	18	1	2	2	32	.30	.047	17	39	.59	78	.06	3	1.59	.01	.07	1	2
L6E 3+50S	1	16	5	72	.2	21	14	503	2.12	2	5	ND	3	14	1	2	2	31	.18	.049	18	29	.42	85	.05	2	1.77	.01	.06	1	1
L6E 3+75S	1	16	5	80	.2	30	10	337	2.34	2	5	ND	5	12	1	2	2	36	.17	.035	17	44	.70	70	.07	3	1.55	.01	.06	1	2
L6E 4+00S	1	37	5	82	.1	34	15	340	2.41	2	5	ND	3	22	1	2	3	38	.40	.025	41	44	.72	145	.06	2	1.72	.01	.06	1	15
L6E 4+25S	1	73	7	45	.1	41	8	154	2.48	2	5	ND	10	23	1	2	2	32	.61	.023	63	54	.60	231	.05	3	2.66	.01	.17	1	3
L6E 4+50S	1	14	7	198	.1	18	18	429	1.77	2	5	ND	4	9	1	2	2	26	.16	.025	16	37	.42	67	.06	2	1.18	.01	.07	1	2
L6E 4+75S	1	13	7	31	.1	19	6	112	1.56	2	5	ND	5	13	1	2	2	27	.32	.013	16	28	.37	60	.04	5	1.31	.01	.05	1	1
L6E 5+00S	1	10	2	47	.1	17	7	135	1.24	2	5	ND	4	12	1	2	4	21	.21	.012	13	25	.41	44	.05	2	1.05	.01	.04	1	1
✓ L6E 5+25S	1	31	15	157	.4	42	42	✓3326	4.99	2	5	ND	1	21	1	2	3	73	.25	.105	13	36	.75	225	.03	2	1.85	.01	.09	1	3
L6E 5+50S	1	45	10	43	.2	40	9	204	2.53	2	5	ND	6	22	1	2	2	41	.48	.023	31	40	.58	170	.05	2	2.53	.01	.07	1	2
✓ L6E 5+75S	1	36	18	234	.3	39	47	✓1576	3.58	4	5	ND	2	22	1	2	4	43	.41	.162	13	46	.55	201	.03	3	2.43	.01	.09	1	8
L6E 6+00S	1	84	15	104	.3	57	21	1325	3.27	2	5	ND	3	31	1	2	2	50	.68	.069	24	58	.70	247	.04	4	3.55	.01	.18	1	2
STD C/AU-S	18	59	37	132	6.7	67	30	1019	4.14	39	22	7	38	47	18	20	18	58	.49	.096	39	57	.95	175	.07	33	2.06	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L6E 6+25S	1	15	3	43	.1	29	9	171	1.91	2	5	ND	3	12	1	2	2	30	.22	.019	14	33	.61	74	.06	2	1.18	.01	.04	1	1
L6E 6+50S	1	34	14	112	.3	109	33	787	4.57	2	5	ND	1	22	1	2	2	42	.37	.070	12	61	1.59	202	.02	5	1.95	.01	.08	1	2
L6E 6+75S	1	13	7	60	.1	76	18	847	3.15	3	5	ND	1	14	1	2	2	36	.18	.050	17	76	.82	194	.04	3	1.49	.01	.06	1	1
L6E 7+00S	1	41	4	46	.1	147	26	282	4.39	2	5	ND	2	22	1	2	2	65	.32	.011	28	106	2.11	70	.07	3	2.26	.01	.04	1	1
L7E 1+50N	1	42	6	53	.1	31	17	284	2.74	2	5	ND	4	19	1	2	2	46	.44	.021	17	40	.94	89	.09	3	2.21	.02	.14	1	1
L7E 1+25N	1	12	4	39	.1	23	7	162	1.61	2	5	ND	4	12	1	2	2	25	.24	.008	12	27	.52	47	.07	4	1.04	.01	.05	1	1
L7E 1+00N	1	33	12	188	.1	38	12	191	3.72	5	5	ND	2	10	1	2	2	56	.14	.123	12	46	.67	70	.07	5	3.37	.01	.09	1	1
L7E 0+75N	1	17	6	156	.1	27	10	160	2.44	3	5	ND	3	11	1	2	2	41	.17	.049	12	36	.53	61	.05	2	1.83	.01	.06	1	1
L7E 0+50N	1	19	14	89	.1	27	7	225	1.64	3	5	ND	1	25	1	2	2	28	.50	.041	10	22	.39	93	.02	2	1.10	.01	.07	1	2
L7E 0+25N	1	10	9	69	.1	14	8	400	1.25	2	5	ND	1	15	1	2	5	24	.25	.027	11	21	.26	80	.03	4	.93	.01	.05	1	1
L7E 0+00	1	13	10	118	.1	24	9	156	1.95	2	5	ND	3	11	1	2	2	29	.15	.036	14	30	.45	70	.05	3	2.13	.01	.04	1	6
L7E 0+25S	1	21	15	109	.1	20	7	215	3.02	2	5	ND	2	16	1	2	2	49	.22	.196	14	29	.34	113	.03	2	2.72	.01	.06	1	1
L7E 0+50S	1	17	6	42	.1	19	8	174	1.72	3	5	ND	3	11	1	2	3	30	.18	.014	13	28	.55	41	.07	3	1.41	.01	.03	2	1
L7E 0+75S	1	22	10	158	.2	27	13	1965	2.59	2	5	ND	1	27	1	2	2	42	.47	.085	12	32	.51	244	.04	4	2.01	.01	.08	1	1
L7E 1+00S	1	17	11	99	.1	35	12	713	2.24	3	5	ND	1	16	1	2	2	35	.24	.049	13	38	.43	94	.04	2	1.42	.01	.07	1	1
L7E 1+25S	1	4	4	24	.1	9	3	96	1.04	2	5	ND	2	10	1	2	2	23	.16	.011	13	19	.21	58	.04	2	.60	.01	.03	1	1
L7E 1+50S	1	12	8	36	.1	24	11	510	1.65	2	5	ND	2	15	1	3	2	31	.35	.018	12	28	.46	90	.05	2	1.40	.01	.04	1	44
L7E 1+75S	1	36	8	74	.1	25	12	475	2.03	2	5	ND	3	15	1	2	2	35	.32	.021	18	34	.50	135	.05	3	1.99	.01	.03	1	1
L7E 2+00S	1	7	10	36	.1	11	5	273	.59	2	5	ND	2	14	1	3	2	19	.17	.014	14	21	.22	68	.03	3	.78	.01	.03	1	4
L7E 2+25S	1	5	2	57	.1	11	7	420	1.11	2	5	ND	1	12	1	2	2	21	.16	.016	13	20	.27	75	.04	3	.89	.01	.04	1	5
L7E 2+50S	1	11	11	109	.2	26	11	205	3.36	3	5	ND	4	15	1	3	2	55	.23	.165	12	49	.56	91	.06	3	2.90	.01	.10	1	1
L7E 2+75S	1	4	4	32	.1	6	3	80	.98	2	5	ND	1	10	1	2	2	20	.16	.011	13	16	.18	64	.04	2	.67	.01	.06	1	3
L7E 3+00S	1	21	10	50	.1	29	11	192	2.33	3	5	ND	1	16	1	2	2	40	.23	.034	17	34	.59	78	.05	2	2.00	.01	.05	1	1
L7E 3+25S	1	11	7	106	.1	19	9	215	2.15	2	5	ND	3	12	1	2	2	40	.17	.069	14	35	.41	90	.04	3	1.62	.01	.04	1	1
L7E 3+50S	1	17	8	74	.1	22	19	767	2.16	2	5	ND	4	17	1	2	4	36	.21	.024	18	35	.57	91	.06	3	2.12	.01	.05	1	1
L7E 3+75S	1	30	6	110	.1	38	13	535	2.79	2	5	ND	3	14	1	3	2	43	.27	.097	14	62	.66	94	.06	2	2.03	.01	.05	1	1
L7E 4+00S	1	23	10	70	.1	24	13	192	2.04	2	5	ND	3	13	1	2	2	34	.21	.029	16	37	.51	76	.05	3	1.88	.01	.04	1	1
L7E 4+25S	1	19	7	24	.1	13	5	111	1.20	2	5	ND	4	10	1	2	2	24	.20	.007	13	20	.35	32	.05	2	1.04	.01	.02	1	1
L7E 4+50S	1	65	13	60	.1	44	15	211	3.23	2	5	ND	6	13	1	2	2	56	.18	.030	19	56	.82	67	.09	2	3.31	.01	.04	1	4
L7E 4+75S	1	44	11	69	.1	44	16	293	3.11	2	5	ND	3	16	1	3	2	51	.27	.031	17	48	.89	72	.08	6	2.31	.01	.05	1	3
L7E 5+00S	1	30	8	76	.1	42	14	366	3.00	3	5	ND	2	15	1	3	2	46	.22	.038	13	46	.77	98	.07	2	2.59	.01	.05	1	3
L7E 5+25S	1	19	10	63	.1	29	10	185	2.51	3	5	ND	1	18	1	2	2	40	.26	.040	15	41	.75	90	.06	4	2.00	.01	.06	1	5
L7E 5+50S	1	42	13	228	.3	59	36	1748	3.04	2	5	ND	1	21	1	2	2	38	.38	.105	14	45	.64	352	.04	2	2.14	.01	.09	1	1
L7E 5+75S	1	6	9	33	.1	16	5	170	1.17	2	5	ND	1	12	1	3	2	22	.18	.018	14	23	.29	70	.03	5	.62	.01	.06	1	1
L7E 6+00S	1	22	7	39	.1	162	19	164	2.92	3	5	ND	3	15	1	2	2	47	.25	.008	15	49	.94	66	.09	6	1.62	.01	.11	1	2
L8E 5+00N	1	23	6	47	.1	151	17	187	3.33	2	5	ND	4	13	1	2	2	45	.22	.021	12	130	1.31	42	.08	3	1.95	.01	.04	1	3
STD C/AU-S	18	60	44	132	6.7	68	31	1025	4.14	38	18	7	37	48	18	16	20	58	.49	.090	39	54	.92	179	.07	33	2.02	.06	.13	11	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L8E 4+75N	1	14	4	29	.1	73	10	126	1.84	2	5	ND	3	8	1	2	3	27	.18	.020	10	58	.73	32	.05	2	1.30	.01	.04	1	1
L8E 4+50N	1	13	8	50	.1	164	27	289	2.68	2	5	ND	2	12	1	2	2	33	.22	.018	8	132	1.11	55	.04	4	1.68	.01	.03	2	1
L8E 4+25N	1	25	13	109	.1	144	21	219	2.92	2	5	ND	4	9	1	2	2	42	.19	.020	10	99	1.12	55	.11	5	2.04	.01	.06	1	2
L8E 4+00N	1	12	9	61	.1	126	16	182	2.77	2	5	ND	2	12	1	2	2	37	.24	.019	9	101	.95	59	.06	8	1.46	.01	.06	1	3
L8E 3+75N	1	3	5	29	.1	34	5	77	1.10	2	5	ND	2	8	1	2	2	20	.14	.007	10	60	.36	48	.04	6	.58	.01	.04	1	1
L8E 3+50N	1	15	6	30	.1	44	7	152	1.39	2	5	ND	4	12	1	2	2	23	.26	.006	17	34	.47	38	.06	3	.88	.01	.05	2	3
L8E 3+25N	1	64	7	50	.2	87	16	1006	2.66	2	5	ND	2	22	1	2	2	45	.49	.028	24	51	.62	168	.04	2	2.54	.01	.08	2	1
L8E 3+00N	1	12	8	24	.1	59	9	106	1.77	2	5	ND	4	8	1	2	2	34	.14	.004	11	41	.56	30	.36	2	1.03	.01	.03	1	47
L8E 2+75N	1	19	9	34	.1	102	16	176	2.27	2	5	ND	4	16	1	2	2	33	.39	.008	16	75	.94	73	.06	4	1.75	.01	.05	2	1
L8E 1+75N	1	75	7	51	.1	61	7	115	2.57	2	5	ND	2	53	1	2	2	39	1.92	.060	49	36	.65	177	.04	5	2.79	.01	.12	1	1
L8E 1+50N	1	29	15	78	.1	61	18	223	3.93	2	5	ND	8	22	1	2	2	66	.79	.029	34	62	1.21	196	.14	4	3.16	.02	.14	1	1
L8E 1+25N	1	52	16	144	.2	47	18	1282	3.77	4	5	ND	6	25	1	2	2	61	.51	.040	18	43	1.37	184	.13	7	2.96	.02	.27	1	1
L8E 1+00N	1	56	15	109	.2	118	30	892	4.56	4	5	ND	3	22	1	2	2	58	.49	.045	19	82	1.78	127	.07	5	3.34	.01	.10	1	2
L8E 0+75N	1	17	6	38	.1	26	8	177	1.78	2	5	ND	3	9	1	2	2	29	.23	.027	12	25	.58	31	.06	5	1.34	.01	.03	2	1
L8E 0+50N	1	31	15	249	.3	33	12	829	3.00	2	5	ND	2	14	1	2	2	48	.22	.192	11	31	.48	122	.03	4	3.18	.01	.07	1	60
L8E 0+25N	1	13	5	66	.1	35	9	166	2.36	2	5	ND	2	10	1	2	2	40	.15	.045	9	32	.48	73	.04	4	1.97	.01	.04	2	1
L8E 0+00	1	19	7	57	.1	29	9	157	2.29	2	5	ND	1	10	1	2	2	39	.13	.032	9	30	.53	34	.05	3	1.69	.01	.04	1	4
L8E 0+25S	1	11	4	36	.1	21	6	133	1.48	2	5	ND	4	9	1	2	2	27	.18	.019	10	24	.51	29	.07	3	1.16	.01	.02	2	1
L8E 0+50S	1	22	9	85	.1	39	11	207	2.82	2	5	ND	3	11	1	2	2	46	.18	.059	12	34	.59	72	.06	4	2.63	.01	.05	1	3
L8E 0+75S	1	9	3	53	.1	17	6	164	1.48	2	5	ND	2	6	1	2	2	25	.13	.012	13	19	.39	68	.04	2	1.14	.01	.03	1	5
L8E 1+00S	1	20	6	55	.1	38	10	184	1.93	3	5	ND	3	14	1	2	2	34	.23	.013	15	37	.65	98	.05	2	1.97	.01	.05	1	1
L8E 1+25S	1	21	9	75	.1	27	8	165	2.29	2	5	ND	2	12	1	2	3	39	.19	.034	12	27	.52	80	.05	2	1.92	.01	.04	1	1
L8E 1+50S	1	20	11	154	.2	33	13	492	2.84	5	5	ND	2	17	1	2	2	45	.22	.103	13	31	.62	189	.03	4	2.62	.01	.10	1	2
L8E 1+75S	1	18	18	200	.3	26	15	564	3.61	8	5	ND	3	18	1	2	2	52	.25	.202	19	27	.59	242	.07	4	2.90	.01	.12	1	1
L8E 2+00S	1	17	13	197	.3	22	10	269	3.01	3	5	ND	3	15	1	2	2	47	.19	.102	13	38	.57	127	.07	3	2.27	.01	.11	1	2
L8E 2+25S	1	9	8	78	.1	24	9	272	2.00	2	5	ND	1	20	1	2	2	33	.26	.041	11	24	.44	96	.03	3	1.61	.01	.05	2	1
L8E 2+50S	1	13	5	134	.1	33	12	478	2.37	4	5	ND	1	16	1	2	2	39	.24	.040	14	33	.71	95	.05	3	2.09	.01	.07	1	17
L8E 2+75S	1	11	12	65	.1	22	9	196	2.62	2	5	ND	3	15	1	2	2	48	.17	.035	12	24	.44	115	.05	3	2.62	.01	.04	1	1
L8E 3+00S	1	13	13	101	.1	26	9	272	2.77	3	5	ND	2	23	1	2	3	50	.29	.039	12	24	.38	203	.04	2	2.77	.01	.04	1	1
L8E 3+25S	1	45	6	101	.3	43	14	253	2.89	4	5	ND	1	22	1	2	4	49	.31	.039	13	33	.64	106	.06	2	2.73	.01	.07	1	3
L8E 3+50S	1	20	9	87	.1	30	11	401	2.46	3	5	ND	1	17	1	2	2	44	.26	.053	13	27	.45	150	.04	3	1.99	.01	.06	1	1
L8E 3+75S	1	7	6	54	.1	18	7	273	1.85	2	5	ND	1	12	1	2	2	40	.16	.012	11	28	.41	68	.03	2	1.33	.01	.04	1	1
L8E 4+00S	1	23	8	53	.1	25	10	171	2.24	3	5	ND	4	15	1	2	2	36	.17	.013	18	32	.64	64	.07	7	2.17	.01	.07	1	1
L8E 4+25S	1	34	11	118	.1	93	18	264	3.34	3	5	ND	3	13	1	2	2	48	.20	.062	10	44	.63	110	.04	4	3.87	.01	.06	1	1
L8E 4+50S	1	28	5	69	.1	32	12	217	2.56	2	5	ND	3	12	1	2	2	45	.16	.024	14	34	.64	72	.06	5	2.09	.01	.04	1	1
✓ L8E 4+75S	2	201	23	100	.1	184	48	1965	4.55	7	5	ND	9	29	1	2	2	73	.86	.036	40	56	.67	299	.04	3	5.00	.01	.17	1	2
STD C/AU-S	18	59	36	132	6.8	68	30	1024	4.08	41	17	8	38	48	17	18	20	59	.49	.087	40	54	.92	178	.07	34	2.07	.06	.13	13	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L8E 5+00S	1	37	13	126	.1	59	13	919	2.80	2	5	ND	1	17	1	2	2	42	.25	.058	14	34	.50	203	.04	4	2.58	.01	.06	1	1
L8E 5+25S	1	11	9	46	.1	14	5	104	1.39	2	5	ND	1	10	1	2	2	27	.18	.019	11	21	.33	64	.03	6	1.07	.01	.03	2	3
L8E 5+50S	1	43	8	59	.1	46	17	428	2.58	4	5	ND	3	16	1	2	2	43	.43	.024	18	47	.70	126	.06	6	2.39	.01	.05	1	2
L8E 5+75S	1	95	14	114	.1	140	29	842	3.33	4	5	ND	1	21	1	2	2	43	.48	.083	20	35	.69	187	.02	6	2.61	.01	.09	1	13
L8E 6+00S	1	70	7	49	.1	242	33	320	5.40	2	5	ND	3	21	1	2	2	54	.43	.020	14	215	2.60	56	.06	8	2.17	.02	.08	1	2
L9E 6+25N	1	123	15	63	.1	50	13	266	3.18	2	5	ND	3	39	1	2	4	45	1.18	.027	34	52	.72	154	.06	8	2.75	.01	.15	2	2
L9E 6+00N	1	53	12	73	.1	79	17	796	3.11	2	5	ND	2	14	1	2	2	43	.30	.028	15	62	.81	98	.07	9	2.57	.01	.06	1	2
L9E 5+75N	1	34	14	58	.1	56	20	391	2.23	2	5	ND	1	12	1	2	4	33	.19	.023	13	52	.52	79	.04	7	1.59	.01	.04	1	3
L9E 5+50N	1	36	6	101	.1	71	11	264	2.35	2	5	ND	3	11	1	2	3	31	.15	.044	12	57	.71	91	.06	9	2.14	.01	.04	1	2
L9E 5+25N	1	13	10	66	.1	55	10	163	2.19	2	5	ND	2	8	1	2	2	32	.15	.047	10	55	.57	56	.05	7	1.43	.01	.04	1	1
L9E 5+00N	1	9	5	45	.1	97	10	198	1.55	2	5	ND	1	9	1	2	2	21	.17	.012	9	104	.66	56	.04	5	1.05	.01	.03	1	4
L9E 4+75N	1	20	5	43	.1	76	10	230	2.04	2	5	ND	2	12	1	2	2	30	.26	.019	12	72	.72	63	.05	6	1.50	.01	.04	2	16
L9E 4+50N	1	25	7	78	.1	57	10	289	2.41	2	5	ND	2	13	1	2	4	40	.26	.022	14	55	.58	112	.05	9	1.81	.01	.08	1	4
L9E 4+25N	1	24	15	81	.1	68	15	490	2.51	2	5	ND	1	15	1	2	2	38	.26	.033	18	59	.60	108	.04	4	1.95	.01	.06	1	2
L9E 4+00N	1	43	17	73	.1	20	7	254	2.15	2	5	ND	1	9	1	2	2	30	.06	.095	17	32	.23	163	.02	5	1.99	.01	.04	1	117
L9E 3+75N	1	9	5	54	.1	38	6	152	1.34	2	5	ND	1	7	1	2	3	21	.13	.022	10	52	.41	47	.03	4	.85	.01	.02	1	5
L9E 3+50N	2	90	25	79	.4	115	63	3772	5.16	3	5	ND	1	29	1	2	4	76	.71	.061	26	135	.79	306	.04	4	4.40	.01	.10	1	2
L9E 3+25N	1	25	12	36	.1	32	8	186	2.60	2	5	ND	5	22	1	2	2	48	.36	.014	22	44	.56	140	.03	5	2.35	.01	.08	1	2
L9E 3+00N	1	15	6	55	.1	137	18	286	2.18	2	5	ND	2	9	1	2	2	27	.26	.018	11	120	1.16	65	.05	8	1.59	.01	.03	1	2
L9E 2+75N	1	30	5	106	.1	110	23	1597	2.65	2	5	ND	2	15	1	2	4	36	.32	.053	19	96	.79	154	.05	8	2.08	.01	.06	1	1
L9E 2+50N	1	37	15	55	.1	89	29	1164	2.36	2	5	ND	1	16	1	2	2	39	.37	.035	13	92	.84	115	.04	9	2.04	.01	.04	1	1
L9E 2+25N	1	11	11	53	.1	54	10	144	1.81	2	5	ND	1	8	1	2	2	26	.13	.018	9	68	.71	43	.05	9	1.44	.01	.02	1	1
L9E 2+00N	1	26	12	123	.1	55	10	342	3.55	2	5	ND	1	8	1	2	2	46	.11	.193	12	57	.61	98	.06	5	3.08	.01	.07	1	2
L9E 1+75N	1	11	5	38	.1	83	11	174	1.72	2	5	ND	1	11	1	2	2	26	.20	.022	10	79	.71	55	.04	8	1.06	.01	.04	2	3
L9E 1+50N	1	22	10	44	.1	44	12	421	1.78	2	5	ND	1	15	1	2	2	32	.25	.026	16	47	.36	105	.03	7	1.43	.01	.04	2	2
L9E 1+25N	1	182	11	148	.2	131	25	390	3.28	2	5	ND	2	20	1	2	2	46	.24	.061	16	71	.75	174	.05	3	3.19	.01	.10	1	11
L9E 1+00N	1	13	6	40	.1	53	8	159	1.63	2	5	ND	4	12	1	2	2	28	.24	.013	13	61	.76	38	.08	5	1.00	.01	.08	2	1
L9E 0+75N	1	38	14	70	.1	47	14	427	3.29	2	5	ND	5	23	1	2	2	53	.44	.026	18	54	1.13	115	.09	6	2.47	.01	.29	1	1
L9E 0+50N	1	77	20	76	.1	60	24	712	4.82	3	5	ND	6	33	1	2	2	63	.67	.029	21	68	1.72	198	.12	5	3.98	.02	.37	2	1
L9E 0+25N	1	69	18	66	.1	53	21	686	4.15	2	5	ND	10	28	1	2	2	75	.59	.022	21	67	1.63	131	.17	5	3.06	.02	.26	1	1
L9E 0+00	1	14	11	124	.1	32	20	1550	2.05	3	5	ND	1	13	1	2	2	33	.20	.053	10	52	.39	118	.03	6	1.12	.01	.06	1	1
L9E 0+25S	1	18	12	177	.1	30	11	2987	2.06	2	5	ND	1	11	1	2	2	31	.16	.082	13	34	.33	211	.02	3	1.66	.01	.06	1	1
L9E 0+75S	1	43	8	96	.1	94	14	276	3.75	2	5	ND	3	10	1	2	3	55	.13	.093	11	62	.78	95	.05	2	3.46	.01	.07	1	2
L9E 1+00S	1	15	2	55	.1	49	10	123	2.29	2	5	ND	2	9	1	2	2	40	.13	.015	10	51	.54	54	.05	7	1.45	.01	.03	1	2
L9E 1+75S	1	35	6	100	.1	7	3	68	.51	2	5	ND	1	75	1	2	2	8	3.26	.061	43	5	.16	157	.01	5	.40	.01	.03	1	1
L9E 2+00S	1	11	11	52	.1	17	7	144	1.46	2	5	ND	1	10	1	2	3	23	.16	.021	15	26	.39	48	.04	4	1.38	.01	.04	1	1
STD C/AU-S	18	59	40	132	6.6	67	31	1021	4.12	40	16	7	37	48	17	17	21	59	.49	.087	40	55	.93	180	.07	32	2.05	.06	.13	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L9E 2+25S	1	40	9	63	.1	49	12	172	2.77	2	5	ND	2	11	1	3	2	43	.15	.055	11	37	.61	87	.05	3	2.72	.01	.04	2	1
L9E 2+50S	1	10	7	67	.1	21	8	158	1.62	2	5	ND	2	11	1	2	2	28	.15	.017	10	24	.43	53	.04	3	1.00	.01	.03	1	5
L9E 2+75S	1	9	10	54	.1	15	7	166	1.30	2	5	ND	2	9	1	2	2	19	.15	.010	10	16	.43	49	.06	5	1.06	.01	.04	1	1
L9E 3+00S	1	33	16	110	.1	19	22	1456	3.17	2	5	ND	1	16	1	3	2	52	.20	.059	14	26	.33	212	.03	3	2.57	.01	.06	1	1
L9E 3+25S	1	24	4	67	.1	44	11	179	2.50	2	5	ND	2	10	1	2	2	38	.15	.023	9	40	.62	77	.05	3	2.04	.01	.03	1	1
L9E 3+50S	1	28	5	42	.1	31	10	135	1.81	2	5	ND	2	11	1	2	2	30	.20	.017	13	28	.62	63	.04	2	1.66	.01	.02	1	5
L9E 3+75S	1	33	7	77	.1	45	12	146	3.01	2	5	ND	2	12	1	2	2	50	.22	.028	12	39	.71	86	.05	3	2.58	.01	.05	1	1
L9E 4+00S	1	17	5	35	.1	25	7	105	1.49	2	5	ND	2	8	1	2	2	25	.16	.010	8	22	.48	29	.04	2	.96	.01	.02	1	1
L9E 4+25S	1	35	9	43	.1	32	10	296	2.07	2	5	ND	2	14	1	2	2	35	.35	.029	17	33	.63	111	.05	3	2.05	.01	.04	1	1
L9E 4+50S	1	21	9	52	.1	22	8	140	1.91	2	5	ND	3	9	1	2	2	31	.13	.017	12	23	.46	69	.04	4	1.71	.01	.03	1	5
L9E 4+75S	1	31	10	140	.1	42	15	322	3.25	2	5	ND	1	9	1	2	2	48	.13	.085	10	37	.57	100	.04	5	2.84	.01	.04	1	1
L9E 5+00S	1	28	12	114	.1	43	13	236	2.96	2	5	ND	1	8	1	4	2	43	.10	.049	10	37	.64	96	.04	3	2.63	.01	.05	1	1
L9E 5+25S	1	30	11	146	.1	32	12	245	3.19	2	5	ND	2	14	1	2	2	47	.12	.112	14	32	.55	104	.04	2	2.45	.01	.05	1	1
L9E 5+50S	1	13	9	99	.1	28	16	629	1.80	2	5	ND	1	16	1	2	2	27	.26	.033	13	30	.47	151	.03	4	1.34	.01	.06	1	1
L9E 5+75S	1	76	22	156	.3	37	34	1861	3.49	8	5	ND	1	45	1	2	2	50	.96	.104	22	20	.34	238	.02	4	2.61	.01	.11	1	1
L9E 6+00S	1	52	14	61	.2	15	11	991	1.41	2	5	ND	1	29	1	2	2	23	.58	.045	15	16	.19	223	.01	4	.99	.01	.06	1	1
L9E 6+25S	1	92	11	67	.1	53	17	159	2.67	2	5	ND	4	19	1	2	2	48	.43	.013	27	64	.80	107	.14	6	2.36	.01	.05	1	1
L10E 5+00N	1	162	15	108	.1	84	17	424	4.75	2	5	ND	12	39	1	2	2	59	1.48	.057	79	50	.54	351	.05	4	4.42	.01	.24	1	1
L10E 4+75N	1	96	15	106	.1	48	24	867	4.40	4	5	ND	10	30	1	2	2	59	1.35	.033	40	46	1.06	233	.06	7	3.85	.01	.27	1	1
L10E 4+50N	1	39	11	118	.1	52	15	195	3.54	5	5	ND	4	13	1	2	2	56	.32	.036	12	43	.80	82	.06	4	3.11	.01	.03	1	2
L10E 4+25N	1	27	16	164	.1	36	19	688	3.90	5	5	ND	3	13	1	2	2	50	.24	.116	11	38	.55	116	.05	4	2.31	.01	.06	1	1
L10E 4+00N	1	30	15	145	.1	30	10	352	3.75	5	5	ND	2	8	1	2	2	63	.13	.118	9	40	.49	77	.04	5	2.93	.01	.06	1	44
L10E 3+75N	1	15	8	91	.1	54	13	393	2.35	4	5	ND	1	10	1	2	2	35	.18	.032	9	62	.64	96	.05	4	1.66	.01	.05	1	1
L10E 3+50N	1	47	11	124	.1	61	12	215	3.32	2	5	ND	3	8	1	3	2	44	.11	.117	11	48	.52	84	.04	4	3.18	.01	.05	1	1
L10E 3+25N	1	15	7	116	.1	43	11	252	2.46	2	5	ND	3	10	1	2	2	34	.14	.051	12	48	.66	86	.05	4	2.03	.01	.04	1	1
L10E 3+00N	1	34	12	137	.1	30	12	771	3.35	5	5	ND	1	11	1	2	3	51	.16	.141	11	33	.39	137	.03	3	2.74	.01	.06	1	1
L10E 2+75N	1	59	17	63	.4	5	4	187	2.43	2	5	ND	2	10	1	2	2	57	.13	.073	13	11	.13	129	.01	2	2.05	.01	.04	1	3
L10E 2+50N	1	33	13	69	.1	18	6	106	3.13	4	5	ND	2	7	1	2	2	36	.10	.055	10	25	.24	90	.02	3	2.13	.01	.03	1	1
L10E 2+25N	1	59	16	161	.3	31	12	217	3.03	3	5	ND	2	9	1	2	2	34	.12	.152	14	23	.41	148	.02	3	2.89	.01	.06	1	1
L10E 2+00N	1	84	19	295	.3	24	19	1105	3.69	6	5	ND	1	12	1	3	2	54	.17	.248	13	17	.33	195	.02	3	3.31	.01	.08	1	1
L10E 1+75N	1	22	9	164	.1	65	18	807	2.74	4	5	ND	2	12	1	2	2	40	.17	.055	18	60	.78	132	.05	4	1.80	.01	.08	1	1
L10E 1+50N	1	10	2	92	.1	38	11	160	2.02	2	5	ND	3	7	1	2	2	32	.12	.018	11	40	.51	67	.04	5	1.22	.01	.04	1	3
L10E 1+25N	1	21	7	45	.1	40	10	219	1.82	2	5	ND	2	9	1	2	2	28	.23	.018	10	32	.56	48	.06	5	1.32	.01	.04	1	1
L10E 1+00N	1	13	3	36	.1	29	7	136	1.61	2	5	ND	3	9	1	2	2	27	.25	.017	10	30	.52	37	.05	4	1.01	.01	.05	1	1
L10E 0+75N	1	48	13	68	.1	61	18	608	3.46	2	5	ND	6	21	1	2	2	50	.52	.017	15	46	.96	154	.10	7	2.45	.01	.24	1	1
L10E 0+50N	1	36	6	60	.1	40	14	950	3.34	4	5	ND	8	26	1	2	2	46	.70	.029	26	41	.89	159	.08	8	2.61	.01	.20	1	1
STD C/AU-S	17	57	42	132	6.6	67	31	1053	4.08	40	20	7	37	47	17	17	24	57	.48	.084	38	53	.91	172	.06	32	2.01	.06	.13	11	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L10E 0+25N	1	23	7	116	.1	201	26	337	3.91	2	5	ND	2	10	1	2	2	36	.18	.059	9	76	1.35	65	.04	2	2.02	.01	.05	1	2
L10E 0+00	1	19	5	59	.1	48	10	153	2.28	2	5	ND	4	10	1	2	2	35	.22	.029	12	43	.71	48	.05	2	1.43	.01	.04	1	1
L10E 0+25S	1	58	14	92	.1	49	17	600	3.73	3	5	ND	10	23	1	2	2	59	.61	.023	32	43	1.24	167	.11	2	3.05	.01	.21	1	1
L10E 0+50S	1	19	9	50	.1	25	8	281	1.99	2	5	ND	3	15	1	2	2	32	.27	.008	12	26	.68	88	.06	2	1.55	.01	.09	1	2
L10E 0+75S	1	26	13	65	.1	30	10	290	2.90	2	5	ND	7	23	1	2	3	43	.56	.020	19	34	.83	125	.07	3	2.35	.01	.20	1	2
L10E 1+00S	1	32	8	144	.3	37	12	243	3.80	2	5	ND	3	12	1	2	2	54	.21	.094	15	34	.60	117	.04	3	3.02	.01	.07	1	2
L10E 1+25S	1	14	8	71	.1	49	11	136	2.37	2	5	ND	3	8	1	2	2	41	.14	.021	10	46	.61	53	.06	2	1.33	.01	.05	1	2
L10E 1+50S	1	18	5	55	.1	57	12	140	2.27	2	5	ND	2	8	1	2	2	37	.16	.012	10	46	.67	34	.06	2	1.27	.01	.04	1	1
L10E 1+75S	1	18	9	51	.1	30	11	362	3.56	2	5	ND	6	19	1	2	3	45	.52	.049	17	38	.68	115	.06	3	2.10	.01	.13	1	1
L10E 2+00S	1	25	6	112	.1	40	13	422	2.28	2	5	ND	1	12	1	2	4	34	.24	.031	12	37	.58	58	.05	2	1.59	.01	.04	1	2
L10E 2+25S	1	49	7	154	.1	75	15	363	2.95	2	5	ND	2	9	1	2	2	42	.13	.066	11	49	.64	89	.05	2	2.54	.01	.04	1	2
L10E 2+50S	1	59	12	67	.1	672	42	267	4.07	2	5	ND	5	11	1	2	2	34	.15	.039	11	73	2.38	55	.06	2	3.74	.01	.04	1	1
L10E 2+75S	1	41	9	49	.1	91	14	155	2.78	2	5	ND	4	9	1	2	4	42	.14	.067	12	44	.65	66	.06	2	2.40	.01	.03	1	1
L10E 3+00S	1	17	5	59	.1	48	11	199	1.93	2	5	ND	1	9	1	2	2	28	.15	.019	10	44	.79	49	.04	6	1.44	.01	.03	1	3
L10E 3+25S	1	24	3	91	.1	74	19	600	2.31	2	5	ND	1	16	1	2	2	51	.19	.043	14	49	.60	118	.03	2	1.99	.01	.06	1	2
L10E 3+50S	1	15	4	64	.1	46	11	177	1.78	2	5	ND	2	9	1	2	2	24	.14	.012	11	37	.65	53	.05	2	1.44	.01	.03	1	2
L10E 3+75S	1	24	16	58	.1	53	16	1279	2.22	2	5	ND	4	15	1	2	4	36	.36	.018	24	35	.48	359	.04	2	1.92	.01	.04	1	1
L10E 4+00S	1	25	7	61	.1	41	10	286	1.97	2	5	ND	2	16	1	2	2	31	.38	.025	20	44	.58	200	.04	3	1.87	.01	.06	1	5
L10E 4+25S	1	134	7	72	.1	96	22	191	3.37	2	5	ND	2	17	1	2	2	46	.48	.024	26	39	.70	247	.08	2	2.96	.01	.07	1	2
L10E 4+50S	1	144	7	89	.1	93	33	528	4.77	2	5	ND	2	124	1	2	4	112	.88	.021	34	145	4.37	139	.10	5	3.27	.02	.24	1	1
L10E 4+75S	1	22	7	96	.1	31	10	157	2.07	2	5	ND	2	16	1	2	2	38	.18	.014	13	35	.64	121	.05	2	1.35	.01	.04	1	1
L10E 5+00S	1	15	8	103	.1	20	7	203	1.86	2	5	ND	1	23	1	2	2	30	.17	.031	14	25	.42	116	.03	2	1.15	.01	.05	1	1
L10E 5+25S	1	27	11	145	.1	39	11	644	2.65	2	5	ND	1	9	1	2	2	39	.13	.033	12	36	.44	120	.04	2	2.27	.01	.04	1	2
L10E 5+50S	2	75	23	210	.2	26	22	1971	3.82	5	5	ND	2	37	1	2	2	55	.48	.157	44	31	.81	313	.04	3	3.07	.01	.11	1	2
L10E 5+75S	1	82	7	39	.1	42	12	158	2.25	2	5	ND	3	33	1	2	2	40	.28	.009	44	43	.71	92	.05	3	1.49	.01	.06	1	2
L11E 5+00N	1	66	15	98	.1	119	35	1738	5.04	2	5	ND	3	46	1	2	3	65	1.06	.039	32	67	.96	313	.05	2	4.36	.01	.09	1	2
L11E 4+75N	1	13	4	65	.1	32	9	144	1.68	2	5	ND	3	12	1	2	2	28	.20	.011	11	28	.45	60	.04	2	1.40	.01	.03	1	2
L11E 4+50N	1	8	6	30	.1	17	5	86	1.05	2	5	ND	2	7	1	2	2	21	.17	.022	9	16	.27	31	.03	2	.78	.01	.02	1	16
L11E 4+25N	1	44	10	44	.1	39	11	280	2.53	2	5	ND	3	19	1	2	2	46	.43	.013	15	39	.51	119	.04	2	2.03	.01	.04	1	1
L11E 4+00N	1	15	9	44	.1	31	8	160	1.64	2	5	ND	1	12	1	2	2	28	.24	.014	9	30	.51	41	.04	2	1.13	.01	.03	1	1
L11E 3+75N	1	13	9	134	.1	30	13	440	2.63	2	5	ND	2	10	1	2	3	40	.16	.116	10	32	.41	88	.03	2	1.76	.01	.06	1	2
L11E 3+50N	1	28	9	131	.1	65	31	947	2.61	2	5	ND	1	13	1	2	2	36	.24	.049	17	45	.50	94	.03	2	1.98	.01	.05	1	1
L11E 3+25N	1	21	8	103	.1	55	14	359	2.45	2	5	ND	1	11	1	2	2	37	.18	.024	11	39	.66	91	.04	2	1.73	.01	.04	1	2
L11E 3+00N	1	12	12	176	.1	35	17	2887	2.27	3	5	ND	1	17	1	2	2	31	.24	.092	12	27	.31	243	.02	2	1.58	.01	.05	1	2
L11E 2+75N	1	17	10	107	.1	44	9	169	2.52	2	5	ND	3	15	1	2	2	37	.18	.105	27	36	.48	61	.04	2	1.58	.01	.05	1	1
L11E 2+50N	1	27	8	66	.1	82	17	250	3.36	2	5	ND	4	14	1	2	2	60	.26	.042	14	58	.86	84	.07	2	2.05	.01	.09	1	4
STD C/AU-S	18	59	42	132	6.5	68	31	1024	4.21	40	18	7	37	48	18	20	24	58	.49	.090	39	53	.94	176	.07	33	2.01	.06	.13	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L11E 2+25N	1	39	3	36	.1	29	7	122	1.85	2	5	ND	4	10	1	2	2	32	.21	.014	17	31	.57	32	.07	2	1.41	.01	.02	2	4
L11E 2+00N	1	39	14	159	.3	10	30	1477	2.37	2	5	ND	1	25	1	2	2	28	.51	.083	13	11	.19	186	.02	2	1.51	.01	.09	1	4
L11E 1+75N	2	30	20	100	.3	5	5	224	3.65	2	5	ND	3	8	1	2	2	47	.12	.165	12	12	.17	116	.02	2	2.47	.01	.05	1	3
L11E 1+50N	2	26	15	95	.2	21	7	129	3.83	3	5	ND	3	11	1	2	2	63	.12	.118	14	22	.43	121	.05	3	3.32	.01	.06	1	1
L11E 1+25N	1	94	13	66	.2	15	7	86	2.86	2	5	ND	1	7	1	2	2	41	.09	.068	17	25	.25	98	.02	2	3.00	.01	.04	1	1
L11E 1+00N	1	40	12	209	.2	35	12	477	3.61	2	5	ND	2	21	1	2	2	50	.38	.211	16	31	.61	162	.04	2	3.52	.01	.09	1	1
L11E 0+75N	1	41	11	151	.2	95	21	672	3.71	4	5	ND	2	22	1	2	2	52	.44	.222	16	54	.91	179	.06	2	2.93	.01	.10	1	4
L11E 0+50N	1	20	8	102	.2	58	13	162	3.03	2	5	ND	5	9	1	2	3	50	.14	.056	12	44	.59	83	.06	4	2.22	.01	.06	1	1
L11E 0+25N	1	19	3	120	.1	35	10	175	2.53	2	5	ND	4	11	1	2	2	50	.15	.017	14	38	.55	92	.05	2	1.48	.01	.05	1	1
L11E 0+00	1	17	4	47	.1	67	11	135	2.18	2	5	ND	7	13	1	2	2	33	.25	.012	12	51	.77	38	.06	2	1.47	.01	.06	2	1
L11E 0+25S	1	92	11	68	.1	39	10	162	2.06	2	5	ND	1	51	1	2	2	32	1.53	.079	74	33	.44	197	.02	2	2.54	.01	.06	1	1
L11E 0+50S	1	30	14	138	.1	44	25	730	4.61	3	5	ND	9	61	1	2	3	95	.75	.148	52	40	2.79	374	.23	2	3.28	.01	.49	1	1
L11E 0+75S	1	12	10	72	.1	20	10	650	1.40	2	5	ND	1	10	1	2	2	22	.13	.026	13	21	.37	79	.04	4	1.18	.01	.04	1	4
L11E 1+00S	1	33	9	59	.1	44	10	195	2.34	2	5	ND	3	9	1	2	2	37	.16	.042	13	36	.62	43	.06	3	2.02	.01	.04	1	1
L11E 1+25S	1	12	10	62	.1	54	10	245	2.27	2	5	ND	1	10	1	2	2	35	.13	.077	10	46	.53	82	.04	3	1.59	.01	.04	1	2
L11E 1+50S	1	14	8	56	.1	36	12	586	2.00	2	5	ND	2	9	1	2	2	32	.13	.034	11	33	.40	103	.04	4	1.73	.01	.03	1	1
L11E 1+75S	1	57	15	107	.3	45	9	157	4.21	3	5	ND	2	10	1	2	2	63	.11	.070	14	37	.58	106	.04	2	3.41	.01	.07	1	1
L11E 2+00S	1	50	18	238	.1	58	39	1998	3.57	3	5	ND	3	23	1	2	2	47	.20	.158	17	38	.53	297	.05	2	3.20	.01	.05	1	3
L11E 2+25S	1	31	13	62	.1	73	36	755	2.96	2	5	ND	3	22	1	2	2	45	.49	.021	16	62	1.23	94	.06	2	2.50	.02	.04	1	1
L11E 2+50S	1	45	9	82	.1	38	11	152	2.22	2	5	ND	4	10	1	2	2	38	.18	.030	15	31	.57	69	.05	3	2.19	.01	.05	2	10
L11E 2+75S	1	29	14	146	.1	15	8	318	1.93	2	5	ND	1	15	1	2	2	29	.20	.119	13	19	.28	155	.02	2	1.73	.01	.07	1	7
L11E 3+00S	1	45	19	109	.2	13	6	503	2.74	2	5	ND	1	8	1	2	2	35	.12	.273	12	19	.17	130	.01	2	2.52	.01	.03	1	1
L11E 3+25S	1	20	15	75	.1	15	5	285	2.12	2	5	ND	1	11	1	2	2	33	.18	.090	13	16	.29	138	.01	3	2.04	.01	.05	1	1
L11E 3+50S	1	82	17	110	.2	15	6	296	3.37	2	5	ND	3	12	1	2	3	46	.09	.271	13	25	.22	156	.01	2	3.47	.01	.03	1	1
L11E 4+00S	1	31	14	164	.1	36	27	4022	2.42	3	5	ND	1	24	1	2	2	32	.30	.100	19	33	.55	337	.02	2	2.25	.01	.08	1	2
L11E 4+25S	1	33	17	105	.1	20	14	586	2.23	2	5	ND	1	23	1	2	2	32	.27	.107	14	28	.37	192	.02	2	1.96	.01	.09	1	1
L11E 4+50S	1	17	10	94	.1	26	10	247	1.86	2	5	ND	2	16	1	2	2	28	.19	.023	14	37	.55	83	.06	2	1.49	.01	.08	1	2
L11E 4+75S	1	29	13	140	.1	314	44	1800	4.34	2	5	ND	2	24	1	2	4	32	.37	.119	14	167	2.19	387	.04	2	3.16	.01	.11	1	1
L11E 5+00S	1	79	9	50	.1	88	15	282	2.83	2	5	ND	1	68	1	2	3	42	.48	.020	38	114	1.55	116	.06	2	2.05	.02	.06	2	1
L12E 7+00N	1	12	10	46	.1	17	6	117	1.55	2	5	ND	4	13	1	2	4	23	.36	.018	11	22	.51	43	.05	2	1.31	.01	.06	2	1
L12E 6+75N	1	43	14	80	.1	24	12	325	2.73	5	5	ND	4	17	1	2	3	53	.43	.033	21	26	.64	91	.06	3	1.80	.01	.12	1	1
L12E 6+50N	1	63	13	148	.1	45	19	601	4.14	6	5	ND	6	30	1	2	3	65	1.07	.029	37	38	.99	184	.07	6	3.07	.02	.24	1	2
L12E 6+25N	1	35	8	62	.1	28	9	333	2.60	2	5	ND	6	20	1	2	2	40	.74	.026	19	31	.63	122	.06	5	2.16	.01	.16	1	1
L12E 6+00N	1	13	3	22	.1	16	4	85	1.17	2	5	ND	3	10	1	2	2	19	.36	.031	11	16	.31	27	.04	4	.79	.02	.04	2	1
L12E 5+75N	1	7	6	39	.1	18	6	119	1.38	2	5	ND	3	9	1	2	3	25	.27	.010	10	22	.43	37	.05	2	.97	.01	.04	2	1
L12E 5+50N	1	28	10	53	.1	30	10	251	2.35	2	5	ND	4	17	1	2	2	34	.64	.013	16	30	.86	86	.05	7	1.82	.02	.14	1	1
STD C/AU-S	17	58	41	132	6.6	67	31	1020	4.10	40	21	7	37	47	17	18	24	58	.48	.089	39	53	.92	176	.07	32	2.02	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L12E 5+25N	1	113	17	76	.1	52	19	759	4.24	2	5	ND	10	26	1	2	4	49	1.31	.035	43	66	1.55	307	.12	3	3.93	.02	.29	1	1
L12E 5+00N	1	39	16	135	.1	46	20	1484	3.69	3	5	ND	4	16	1	2	2	56	.29	.051	14	45	.43	193	.03	2	4.00	.01	.08	1	4
L12E 4+75N	1	27	18	151	.1	34	10	267	3.43	2	5	ND	1	10	1	2	2	53	.15	.159	10	57	.84	124	.04	4	4.23	.01	.07	1	1
L12E 4+50N	1	12	8	61	.1	48	9	188	1.83	2	5	ND	3	17	1	2	2	35	.36	.015	12	55	.56	100	.05	2	1.19	.01	.04	1	2
L12E 4+25N	1	33	19	188	.1	73	30	568	3.75	2	5	ND	4	41	1	2	2	59	.78	.031	16	60	.64	536	.04	2	4.23	.01	.07	1	1
L12E 4+00N	1	29	11	47	.1	38	10	166	2.00	2	5	ND	6	21	1	2	2	33	.48	.032	29	47	.57	186	.06	4	1.72	.01	.05	1	3
L12E 3+75N	1	27	7	30	.1	37	9	236	1.65	2	5	ND	5	13	1	2	2	30	.33	.043	20	45	.60	68	.05	2	1.47	.01	.03	1	19
L12E 3+50N	1	90	19	91	.3	104	26	1257	4.52	2	5	ND	5	36	1	2	2	79	.75	.059	23	90	.81	339	.05	3	5.66	.01	.10	1	2
L12E 3+25N	1	21	21	132	.1	13	13	642	1.76	2	5	ND	1	15	1	2	3	40	.19	.052	15	17	.23	145	.02	2	1.69	.01	.06	1	1
L12E 3+00N	1	35	14	89	.1	45	12	220	4.02	2	5	ND	4	17	1	2	5	77	.25	.197	17	67	.66	138	.05	2	2.38	.01	.09	1	2
L12E 2+75N	1	46	7	54	.1	46	11	260	2.32	4	5	ND	2	8	1	2	2	44	.12	.040	11	44	.45	48	.05	2	2.16	.01	.03	1	2
L12E 2+50N	1	27	14	107	.1	680	62	531	3.97	2	5	ND	1	32	1	2	2	25	.69	.091	5	160	2.94	143	.03	2	4.80	.06	.05	1	2
L12E 2+25N	1	4	9	51	.1	25	5	105	1.24	2	5	ND	1	9	1	2	5	26	.13	.023	11	27	.28	46	.04	2	1.01	.01	.02	1	2
L12E 2+00N	1	10	5	44	.1	32	8	196	1.80	2	5	ND	2	8	1	2	2	36	.15	.020	9	35	.44	37	.06	2	1.32	.01	.03	2	1
L12E 1+75N	1	81	19	256	.2	14	13	1966	2.64	3	5	ND	1	11	1	2	3	60	.13	.189	13	17	.17	206	.01	2	2.44	.01	.05	2	2
L12E 1+50N	1	12	9	39	.1	23	6	172	1.43	2	5	ND	3	8	1	2	2	27	.16	.011	9	25	.42	36	.07	2	1.13	.01	.03	2	1
L12E 1+25N	1	33	19	106	.1	31	10	325	2.84	2	5	ND	2	14	1	2	2	54	.16	.093	14	30	.42	119	.05	3	2.94	.01	.05	1	2
L12E 1+00N	1	16	10	61	.1	35	10	694	2.15	2	5	ND	2	13	1	2	2	43	.20	.061	9	36	.44	124	.05	2	2.07	.01	.04	1	5
L12E 0+75N	1	17	11	71	.1	35	9	123	2.01	2	5	ND	3	12	1	2	2	43	.13	.023	12	35	.49	97	.06	3	3.34	.01	.06	1	3
L12E 0+50N	1	29	16	73	.1	50	13	329	2.91	2	5	ND	4	11	1	2	2	51	.15	.045	14	46	.67	96	.10	2	3.38	.01	.05	1	2
L12E 0+25N	1	26	15	195	.1	156	25	685	3.67	3	5	ND	2	18	1	2	2	41	.34	.139	10	73	1.01	161	.04	2	2.81	.01	.09	1	3
L12E 0+00	1	12	9	93	.1	39	10	156	2.40	2	5	ND	3	11	1	2	2	45	.14	.073	10	52	.47	79	.04	2	1.71	.01	.06	1	2
L12E 0+25S	1	13	3	29	.1	22	6	113	1.26	2	5	ND	3	8	1	2	2	24	.18	.026	10	25	.43	23	.05	2	1.08	.01	.02	1	2
L12E 0+50S	1	8	9	85	.1	22	8	195	1.92	2	5	ND	3	12	1	2	2	33	.19	.069	10	34	.37	56	.04	2	1.29	.01	.05	1	1
L12E 0+75S	1	17	3	40	.1	29	7	135	1.45	2	5	ND	4	11	1	2	2	29	.21	.018	13	36	.51	35	.06	2	1.28	.01	.03	1	1
L12E 1+00S	1	13	5	38	.1	21	7	130	1.19	2	5	ND	3	10	1	2	2	24	.22	.013	11	28	.43	34	.05	2	1.01	.01	.03	1	1
L12E 1+25S	1	30	9	107	.1	44	13	537	2.74	3	5	ND	2	12	1	2	2	44	.21	.103	14	48	.65	81	.05	2	2.11	.01	.05	1	2
L12E 1+50S	1	20	8	77	.1	47	12	600	2.09	2	5	ND	3	11	1	2	2	37	.19	.053	12	44	.54	68	.05	2	1.59	.01	.05	1	4
L12E 1+75S	1	75	9	60	.1	79	22	562	2.77	2	5	ND	5	15	1	2	2	50	.26	.027	18	59	.79	62	.08	2	2.06	.01	.07	1	1
L12E 2+00S	1	24	7	48	.1	39	9	144	2.23	2	5	ND	3	12	1	2	2	41	.21	.030	12	41	.50	62	.06	2	1.69	.01	.05	1	3
L12E 2+25S	1	28	6	44	.1	35	8	184	1.85	2	5	ND	4	11	1	2	2	34	.22	.028	14	37	.58	35	.07	2	1.39	.01	.04	1	2
L12E 2+50S	1	45	20	271	.3	63	28	718	4.19	2	5	ND	4	19	1	2	2	57	.24	.177	14	67	.64	205	.05	3	4.32	.01	.09	1	45
L12E 2+75S	1	24	7	43	.1	34	7	116	1.59	2	5	ND	3	15	1	2	3	30	.23	.012	14	41	.53	54	.06	2	1.37	.01	.03	2	2
L12E 3+00S	1	29	8	49	.1	40	8	166	1.96	2	5	ND	3	19	1	2	2	34	.47	.050	21	48	.72	89	.05	2	1.75	.02	.05	2	1
L12E 3+25S	1	16	6	41	.1	36	8	145	1.64	2	5	ND	4	11	1	2	2	30	.29	.040	13	38	.61	32	.06	2	1.19	.01	.08	1	2
L12E 3+50S	1	55	13	47	.1	54	20	286	2.33	2	5	ND	4	19	1	2	2	52	.33	.022	16	39	.64	86	.07	2	1.62	.01	.08	1	19
STD C/AU-S	17	57	42	132	6.6	68	30	1046	3.90	39	16	7	37	48	18	18	20	57	.48	.089	38	55	.93	171	.06	33	1.98	.06	.13	12	52

	SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
	L13E 5+00N	1	27	8	86	.1	75	13	213	2.64	2	5	ND	2	11	1	2	2	42	.28	.016	13	60	.88	46	.06	2	1.97	.01	.05	1	1
	L13E 4+75N	1	24	8	62	.1	27	7	106	2.17	2	5	ND	2	9	1	2	2	39	.13	.022	11	36	.40	54	.04	2	2.12	.01	.05	1	1
	L13E 4+50N	1	24	9	68	.1	50	18	540	2.92	2	5	ND	3	15	1	2	2	50	.38	.010	11	43	.52	90	.06	2	2.76	.01	.04	1	1
	L13E 4+25N	1	47	15	103	.1	33	12	286	3.07	2	5	ND	2	12	1	2	2	51	.13	.062	15	42	.56	83	.04	3	3.34	.01	.07	1	2
	L13E 4+00N	1	9	8	38	.1	13	4	80	1.09	2	5	ND	1	10	1	2	5	24	.13	.013	13	22	.29	43	.03	2	1.16	.01	.03	2	1
	L13E 3+75N	1	15	13	95	.1	37	8	179	2.14	2	5	ND	2	10	1	2	2	34	.14	.049	13	35	.38	102	.02	2	2.57	.01	.05	1	2
	L13E 3+50N	1	15	17	64	.1	11	4	132	1.68	4	5	ND	1	15	1	2	2	36	.22	.046	13	19	.24	99	.01	2	2.11	.01	.06	1	1
	L13E 3+25N	1	14	12	94	.1	22	6	110	2.47	2	5	ND	3	12	1	2	2	40	.19	.063	11	33	.35	98	.04	2	2.41	.01	.05	1	1
	L13E 3+00N	1	45	16	86	.1	12	5	88	2.45	2	5	ND	1	14	1	2	2	45	.14	.083	15	26	.35	117	.02	2	2.53	.01	.06	1	1
✓	L13E 2+75N	2	164	19	124	.2	90	43	✓2322	5.71	2	5	ND	11	41	1	2	2	84	.77	.068	38	70	.44	327	.01	2	4.59	.01	.08	1	1
✓	L13E 2+50N	6	60	64	117	.2	26	120	✓5789	8.68	25	5	ND	1	50	1	2	2	250	1.09	.138	29	39	.23	272	.02	2	2.27	.01	.06	1	2
	L13E 2+00N	1	15	10	135	.1	22	11	342	2.67	2	5	ND	2	12	1	2	2	46	.16	.096	13	27	.37	141	.04	2	2.64	.01	.06	1	1
	L13E 1+75N	1	12	6	52	.1	16	6	133	1.46	2	5	ND	2	9	1	2	2	25	.13	.030	12	22	.35	59	.04	2	1.77	.01	.04	1	1
	L13E 1+50N	1	27	7	61	.1	27	17	552	2.27	2	5	ND	3	19	1	2	2	39	.19	.021	17	41	.60	107	.05	3	2.71	.01	.06	1	1
	L13E 1+25N	1	9	4	49	.1	19	7	189	1.70	2	5	ND	1	12	1	2	2	29	.17	.020	10	27	.39	63	.06	2	1.57	.01	.03	1	1
	L13E 1+00N	1	21	16	204	.1	23	9	402	2.88	2	5	ND	3	13	1	2	2	47	.15	.143	12	31	.42	144	.05	2	3.16	.01	.07	1	1
	L13E 0+75N	1	29	7	53	.1	36	8	153	1.99	2	5	ND	5	12	1	2	2	34	.22	.018	19	41	.65	39	.09	3	1.71	.01	.03	1	2
	L13E 0+50N	1	30	18	85	.1	11	6	136	2.54	2	5	ND	3	9	1	2	2	48	.10	.103	16	27	.36	147	.03	2	2.63	.01	.06	1	2
	L13E 0+25N	1	28	20	154	.1	32	11	306	2.68	2	5	ND	2	14	1	2	2	59	.18	.143	11	45	.50	126	.05	2	3.92	.01	.07	2	2
	L13E 0+00	1	19	11	65	.1	34	10	184	2.63	2	5	ND	3	10	1	2	4	55	.12	.049	11	37	.45	74	.05	2	2.83	.01	.06	1	2
	L13E 0+25S	1	11	8	58	.1	21	6	109	2.02	2	5	ND	2	13	1	2	2	39	.16	.026	11	31	.33	72	.05	2	1.72	.01	.04	1	5
✓	L13E 0+50S	2	298	17	88	.2	58	56	✓1649	4.72	2	5	ND	7	38	1	2	2	79	.59	.047	40	67	.70	297	.04	3	6.03	.01	.13	1	2
	L13E 0+75S	1	71	14	63	.1	18	9	122	1.85	2	5	ND	2	16	1	2	2	38	.20	.027	18	23	.40	101	.05	2	2.53	.01	.04	1	2
	L13E 1+00S	1	21	10	33	.1	10	4	70	1.63	2	5	ND	2	11	1	2	2	36	.09	.016	15	24	.19	56	.03	2	1.28	.01	.04	2	1
	L13E 1+25S	2	44	16	165	.2	46	13	204	5.13	2	5	ND	3	11	1	2	2	99	.15	.188	12	75	1.09	111	.13	2	4.13	.01	.10	1	2
	L13E 1+50S	1	44	12	177	.3	19	10	374	2.30	2	5	ND	2	14	1	2	2	37	.17	.150	14	46	.40	137	.03	2	2.30	.01	.08	1	1
	L13E 1+75S	1	81	15	91	.1	76	16	268	3.78	5	5	ND	6	13	1	2	2	71	.27	.095	18	60	.78	83	.07	2	2.48	.01	.09	3	3
	L13E 2+00S	1	42	7	66	.1	31	9	162	2.71	2	5	ND	5	10	1	2	2	56	.17	.035	13	41	.47	45	.06	2	1.59	.01	.05	1	38
	L13E 2+25S	2	132	9	72	.1	15	7	151	1.54	2	5	ND	2	13	1	2	2	30	.17	.027	21	21	.35	134	.02	2	1.95	.01	.05	1	2
✓	L13E 2+50S	1	88	8	119	.1	767	93	✓910	5.66	2	5	ND	1	65	1	2	2	33	1.44	.061	13	332	3.97	169	.05	3	7.04	.11	.05	2	9
	L13E 2+75S	1	90	7	96	.1	48	13	192	2.91	2	5	ND	4	17	1	2	2	47	.31	.234	16	49	.63	158	.05	3	2.21	.01	.08	2	11
	L13E 3+00S	1	31	7	83	.2	38	11	142	3.03	2	5	ND	5	13	1	2	2	51	.19	.119	18	47	.63	95	.06	2	2.31	.01	.10	1	1
	L13E 3+25S	1	49	9	22	.1	28	8	129	1.61	3	5	ND	3	13	1	2	2	31	.29	.012	24	29	.41	71	.05	2	1.23	.01	.04	2	1
	L14E 11+75N	1	46	11	122	.1	70	14	488	3.47	2	5	ND	2	18	1	2	2	50	.35	.069	11	48	.96	165	.06	2	4.13	.01	.11	1	1
	L14E 11+50N	1	33	14	94	.2	79	16	250	3.46	5	5	ND	3	14	1	2	2	51	.27	.035	11	63	.89	93	.08	2	3.26	.01	.08	1	1
	L14E 11+25N	1	89	10	63	.2	19	6	132	1.07	5	5	ND	1	39	1	2	2	19	3.43	.101	17	19	.26	61	.01	6	1.56	.02	.05	1	2
	STD C/AU-S	18	60	39	132	6.9	68	30	1030	4.18	39	21	7	39	49	18	18	21	59	.50	.089	40	56	.95	179	.07	32	2.01	.06	.14	13	45

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L14E 10+75N	4	360	16	117	.1	198	49	337	4.39	2	5	ND	3	13	1	2	2	60	.62	.042	24	42	.46	179	.04	6	7.94	.01	.06	1	2
L14E 10+50N	3	47	22	143	.1	35	31	783	3.63	5	5	ND	1	16	1	2	2	67	.27	.034	10	35	.68	133	.03	5	3.06	.01	.08	1	1
L14E 10+25N	2	46	22	200	.2	39	21	1958	3.82	2	5	ND	1	11	1	2	2	63	.26	.119	12	34	.54	201	.03	3	3.84	.01	.06	1	2
L14E 10+00N	4	54	23	264	.1	61	45	3042	3.53	2	5	ND	3	12	1	2	2	48	.24	.123	16	29	.34	195	.03	3	4.92	.01	.08	1	370
L14E 9+75N	2	39	26	102	.1	30	21	411	3.66	2	5	ND	2	15	1	2	2	61	.17	.086	14	35	.48	184	.03	5	4.01	.01	.08	1	2
L14E 9+50N	1	20	12	69	.1	24	8	474	2.80	2	5	ND	2	7	1	2	2	49	.09	.052	12	31	.41	103	.04	5	2.34	.01	.05	1	2
L14E 9+25N	1	27	18	83	.1	35	11	214	2.71	2	5	ND	4	13	1	2	2	44	.15	.032	15	32	.59	103	.05	5	4.00	.01	.07	1	1
L14E 9+00N	1	34	19	163	.2	27	10	314	3.78	3	5	ND	1	15	1	2	2	54	.26	.129	13	29	.44	154	.04	4	3.60	.01	.09	1	1
L14E 8+75N	1	36	18	316	.3	57	28	1774	3.65	3	5	ND	3	25	1	2	2	48	.37	.209	14	32	.59	236	.04	6	4.85	.01	.11	1	1
L14E 8+50N	1	34	24	222	.2	21	13	573	3.50	2	5	ND	1	22	1	2	2	56	.32	.090	14	36	.59	158	.06	5	2.88	.01	.12	1	3
L14E 8+25N	1	74	20	596	.2	23	30	2833	4.02	4	5	ND	1	18	1	2	2	59	.45	.153	12	43	.77	191	.03	6	2.93	.01	.11	1	11
L14E 8+00N	1	50	9	51	.1	22	9	207	2.01	2	5	ND	4	14	1	2	2	32	.45	.014	16	28	.49	46	.06	5	1.54	.01	.07	1	2
L14E 7+75N	1	6	5	14	.1	8	3	67	.86	2	5	ND	3	8	1	2	2	19	.22	.014	10	11	.19	11	.04	4	.64	.01	.02	1	2
L14E 7+50N	1	21	5	27	.1	15	5	145	1.63	2	5	ND	3	11	1	2	3	26	.46	.018	18	20	.26	44	.04	8	1.27	.01	.04	1	1
L14E 7+25N	1	47	7	26	.1	17	6	152	1.34	2	5	ND	2	11	1	2	2	21	.46	.036	14	18	.27	37	.03	6	1.09	.01	.02	1	152
L14E 7+00N	1	23	5	41	.1	11	3	71	1.18	2	5	ND	1	9	1	2	2	24	.15	.019	12	19	.25	58	.02	4	.98	.01	.03	1	2
L14E 6+75N	1	13	8	40	.1	19	5	94	1.41	2	5	ND	3	9	1	2	2	26	.15	.015	13	21	.33	40	.04	4	1.27	.01	.03	1	31
L14E 6+50N	1	33	18	124	.1	21	9	316	2.65	3	5	ND	1	5	1	2	2	48	.17	.066	12	63	.50	114	.03	4	2.78	.01	.07	1	2
L14E 6+25N	1	15	6	54	.1	15	8	155	1.92	2	5	ND	2	8	1	2	2	42	.14	.014	13	31	.48	56	.05	6	1.66	.01	.03	1	2
L14E 6+00N	1	64	14	62	.1	44	11	215	2.95	2	5	ND	3	8	1	2	2	49	.14	.025	12	42	.64	57	.07	5	2.95	.01	.05	1	2
L14E 5+75N	1	31	6	60	.1	28	8	163	2.10	2	5	ND	1	6	1	2	2	35	.15	.019	11	29	.58	37	.06	6	1.89	.01	.03	1	2
L14E 5+50N	1	63	14	123	.3	38	14	590	2.66	2	5	ND	1	11	1	2	2	43	.19	.072	11	61	.74	115	.04	3	3.01	.01	.06	1	10
L14E 5+25N	1	20	11	65	.1	30	13	636	2.15	2	5	ND	1	13	1	2	2	34	.24	.037	13	32	.57	76	.05	3	1.87	.01	.06	1	2
L14E 5+00N	1	19	12	293	.2	79	22	1051	3.80	2	5	ND	1	14	1	2	2	51	.28	.099	11	75	1.92	122	.04	2	3.29	.01	.08	1	2
L14E 4+75N	1	5	10	35	.1	8	3	66	.57	2	5	ND	1	9	1	2	2	13	.12	.015	12	12	.19	52	.02	2	1.03	.01	.03	1	1
L14E 4+50N	1	18	8	51	.1	27	8	184	2.19	2	5	ND	3	12	1	2	2	38	.18	.021	12	30	.59	65	.06	3	2.11	.01	.04	1	2
L14E 4+25N	1	12	6	93	.1	26	10	317	2.40	2	5	ND	2	10	1	2	2	38	.16	.045	12	31	.52	76	.06	5	1.90	.01	.05	1	1
L14E 4+00N	1	23	11	84	.3	49	17	389	3.51	2	5	ND	2	14	1	2	2	50	.25	.076	10	46	.79	116	.06	2	3.34	.01	.10	1	1
L14E 3+75N	1	15	13	101	.2	7	5	1084	1.39	2	5	ND	1	12	1	2	2	26	.22	.063	13	18	.18	141	.02	3	1.47	.01	.05	1	3
L14E 3+50N	1	28	16	141	.3	35	14	582	3.24	2	5	ND	2	12	1	2	2	51	.16	.110	14	42	.69	127	.05	6	3.62	.01	.09	1	1
L14E 3+25N	1	34	10	83	.1	36	12	236	3.81	7	5	ND	3	12	1	2	2	54	.21	.364	12	45	.78	49	.05	5	4.16	.01	.06	1	2
L14E 3+00N	1	31	14	202	.1	41	15	945	2.63	2	6	ND	2	17	1	2	2	37	.41	.068	15	34	.65	159	.05	4	2.23	.01	.07	1	6
L14E 2+75N	1	12	13	40	.1	19	5	205	1.09	3	5	ND	1	17	1	2	2	20	.46	.032	11	29	.40	100	.03	3	1.85	.01	.04	1	3
L14E 2+50N	1	61	6	50	.1	18	3	48	.59	2	6	ND	1	38	1	2	2	15	1.52	.140	36	12	.12	122	.01	6	1.39	.01	.03	1	1
L14E 2+25N	1	42	18	101	.2	19	9	158	3.21	8	5	ND	2	11	1	2	2	49	.14	.048	15	23	.29	107	.04	3	3.16	.01	.06	1	1
L14E 2+00N	1	10	9	43	.1	13	6	163	1.57	2	5	ND	3	13	1	2	2	28	.21	.012	13	21	.46	46	.07	3	1.43	.01	.02	1	2
STD C/AU-S	18	61	40	132	6.8	66	31	1023	4.15	39	23	7	37	48	17	18	19	59	.49	.088	40	53	.94	178	.07	34	2.04	.06	.13	11	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L14E 1+75N	1	11	7	29	.1	14	5	84	1.64	2	5	ND	2	7	1	2	3	32	.09	.010	10	19	.37	32	.05	4	1.66	.01	.02	2	1
L14E 1+50N	1	31	23	99	.1	16	7	311	3.43	3	5	ND	1	15	1	2	2	59	.11	.126	14	29	.43	111	.04	2	3.25	.01	.05	1	1
L14E 1+25N	1	7	6	30	.1	17	5	96	1.82	2	5	ND	1	8	1	2	3	36	.11	.015	11	26	.36	30	.04	4	1.06	.01	.02	2	2
L14E 1+00N	1	5	6	23	.1	10	3	86	.84	3	5	ND	1	9	1	2	3	16	.14	.010	10	13	.23	38	.03	3	.72	.01	.02	2	3
L14E 0+75N	1	15	7	54	.1	21	7	105	2.07	4	5	ND	1	14	1	2	2	36	.21	.015	9	23	.46	46	.05	5	2.04	.01	.03	1	83
L14E 0+50N	1	153	10	46	.1	36	10	255	2.37	2	8	ND	2	33	1	2	3	35	.67	.026	101	37	.55	216	.04	4	2.41	.01	.06	1	6
L14E 0+25N	1	12	2	31	.1	18	6	87	1.44	2	5	ND	2	9	1	2	2	25	.16	.011	11	21	.38	31	.04	4	1.25	.01	.02	1	2
L14E 0+00	1	86	8	48	.1	30	13	420	2.34	2	5	ND	4	24	1	2	3	40	.36	.018	41	31	.56	168	.05	5	2.14	.01	.05	1	2
L14E 0+25S	1	30	6	57	.1	26	13	292	2.15	2	5	ND	2	13	1	2	3	35	.20	.014	14	26	.54	72	.06	6	1.47	.01	.03	1	6
L14E 0+50S	2	34	13	69	.1	27	10	220	2.76	3	5	ND	1	14	1	2	2	48	.20	.045	16	20	.42	139	.05	4	2.56	.01	.06	1	2
L14E 0+75S	1	89	17	66	.1	6	6	209	2.93	3	5	ND	1	13	1	2	3	38	.08	.163	15	14	.16	126	.02	3	2.17	.01	.05	1	33
L14E 1+00S	2	140	23	56	.1	10	4	90	4.00	7	5	ND	4	6	1	2	2	75	.07	.225	13	19	.14	80	.03	3	4.77	.01	.04	1	2
L14E 1+25S	1	20	13	102	.1	34	10	375	2.88	2	5	ND	1	16	1	2	5	46	.26	.087	10	25	.56	108	.06	6	2.87	.01	.07	1	2
L14E 1+50S	2	52	17	75	.1	28	8	145	3.18	5	5	ND	3	8	1	2	4	53	.12	.100	13	25	.34	108	.04	5	4.47	.01	.06	1	1
L14E 1+75S	1	63	11	129	.1	22	14	430	3.43	5	5	ND	2	15	1	2	2	50	.18	.155	15	22	.44	124	.03	5	3.00	.01	.07	1	1
L14E 2+00S	1	14	10	59	.1	26	8	145	2.46	3	5	ND	2	11	1	2	2	44	.18	.031	10	26	.48	65	.06	2	1.87	.01	.05	1	2
L14E 2+25S	2	97	15	140	.2	20	24	1065	4.44	5	5	ND	1	19	1	2	2	61	.28	.126	16	19	.38	151	.02	2	3.44	.01	.09	1	1
L14E 2+50S	2	97	24	193	.3	50	21	409	4.71	3	5	ND	1	14	1	2	2	67	.18	.108	17	42	1.01	173	.03	3	4.85	.01	.09	1	2
L14E 2+75S	1	66	10	172	.1	45	20	555	2.95	3	5	ND	2	11	1	2	4	39	.19	.163	12	42	.66	150	.04	6	3.12	.01	.08	1	1
L14E 3+00S	1	179	14	203	.2	30	30	1595	3.15	4	5	ND	1	38	1	2	4	46	.49	.183	17	23	.56	669	.02	4	2.52	.01	.13	1	2
L14E 3+25S	1	34	17	111	.1	48	15	759	2.81	2	5	ND	1	26	1	2	2	41	.46	.098	42	33	.76	521	.03	6	2.13	.01	.14	1	1
L14E 3+50S	1	20	5	24	.1	30	9	103	2.21	2	5	ND	4	13	1	2	3	42	.21	.011	13	29	.49	58	.06	7	1.25	.01	.04	1	2
L15E 12+25N	1	28	18	110	.1	12	4	225	2.50	5	5	ND	1	9	1	2	4	41	.11	.104	13	19	.24	135	.01	3	2.28	.01	.06	1	1
L15E 12+00N	1	7	7	55	.1	25	8	174	1.99	2	5	ND	2	9	1	2	3	34	.15	.035	10	29	.38	76	.04	5	1.42	.01	.03	1	1
L15E 11+75N	1	7	6	48	.1	26	7	114	1.50	2	5	ND	2	7	1	2	2	24	.11	.013	11	31	.49	54	.04	2	1.37	.01	.03	1	2
L15E 11+50N	1	24	11	64	.1	34	9	142	2.72	5	5	ND	5	7	1	2	2	44	.09	.049	11	32	.50	67	.05	3	3.71	.01	.05	1	2
L15E 11+25N	1	29	13	91	.1	36	10	143	3.23	4	5	ND	3	8	1	2	5	48	.11	.103	13	33	.54	94	.05	5	3.89	.01	.05	1	2
L15E 11+00N	1	11	5	47	.1	31	7	237	1.31	2	5	ND	1	9	1	2	2	28	.16	.024	9	29	.44	63	.04	4	1.35	.01	.03	1	2
L15E 10+75N	1	11	5	49	.1	40	6	117	2.10	3	5	ND	2	10	1	2	2	34	.18	.027	9	38	.47	51	.04	6	1.55	.01	.04	1	1
L15E 10+50N	1	6	7	50	.1	19	4	75	1.42	2	5	ND	1	8	1	2	2	29	.12	.013	9	25	.36	45	.03	2	1.20	.01	.03	1	1
L15E 10+00N	1	12	3	43	.1	21	6	163	1.66	3	5	ND	3	15	1	2	3	29	.47	.008	16	23	.47	64	.05	7	1.44	.01	.08	2	1
L15E 9+75N	1	8	8	26	.1	15	4	233	1.23	2	5	ND	1	8	1	2	2	23	.15	.012	9	17	.32	41	.04	4	.85	.01	.03	1	7
L15E 9+50N	1	14	6	41	.1	28	9	180	1.87	2	5	ND	1	10	1	2	2	30	.19	.009	12	45	.68	36	.05	5	1.46	.01	.03	2	1
L15E 9+25N	1	53	15	173	.1	51	19	707	3.22	4	5	ND	2	10	1	2	2	46	.15	.074	12	34	.64	112	.05	5	3.42	.01	.07	1	1
L15E 9+00N	1	30	22	161	.2	24	15	2053	2.88	8	5	ND	1	9	1	2	2	40	.11	.091	14	27	.36	141	.01	5	2.20	.01	.07	1	2
L15E 8+75N	1	15	6	102	.1	127	22	296	3.73	2	5	ND	2	14	1	2	2	36	.23	.070	10	73	.84	106	.05	6	2.31	.01	.05	1	1
STD C/AU-S	18	59	39	132	6.7	67	31	1020	4.17	42	21	7	37	46	17	19	23	58	.49	.087	39	53	.94	174	.07	33	2.01	.06	.13	12	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L15E 6+50N	1	19	8	74	.2	21	10	183	2.02	2	5	ND	3	9	1	2	2	30	.15	.034	11	23	.36	85	.04	2	2.05	.01	.03	1	2
L15E 6+25N	1	27	9	112	.2	36	11	563	2.64	2	5	ND	2	16	1	2	2	43	.30	.060	12	31	.74	95	.08	3	2.69	.01	.05	1	2
L15E 6+00N	1	15	9	85	.1	31	12	216	1.92	2	5	ND	3	12	1	2	2	29	.19	.025	11	24	.52	90	.06	4	1.92	.01	.05	1	1
L15E 7+75N	1	18	8	165	.1	24	9	275	1.95	2	5	ND	2	13	1	2	2	31	.21	.046	12	29	.47	119	.05	2	1.96	.01	.06	1	1
L15E 7+50N	1	83	14	82	.1	11	4	145	.82	2	5	ND	1	24	1	2	2	15	1.13	.077	10	21	.24	90	.02	4	1.20	.01	.06	1	2
L15E 7+25N	1	116	14	151	.1	52	15	1001	2.65	3	5	ND	3	20	1	2	5	33	1.01	.071	25	34	.39	107	.03	2	3.65	.01	.06	1	2
L15E 7+00N	1	16	14	111	.1	24	6	513	2.66	3	5	ND	2	11	1	2	4	39	.25	.058	10	29	.38	112	.03	2	2.12	.01	.07	1	1
L15E 6+75N	1	18	9	60	.1	37	10	253	2.21	2	5	ND	3	12	1	2	2	36	.21	.016	10	36	.60	73	.06	4	1.74	.01	.03	1	1
L15E 6+50N	1	22	9	113	.1	33	19	1456	2.67	5	5	ND	3	14	1	2	4	44	.68	.020	9	37	.56	110	.04	3	2.15	.01	.08	1	12
L15E 6+25N	1	76	7	67	.1	30	9	209	2.53	2	5	ND	4	23	1	2	2	36	1.14	.041	23	38	.54	134	.04	2	2.87	.01	.08	1	2
L15E 6+00N	1	34	14	52	.1	29	11	195	2.71	2	5	ND	7	19	1	2	2	53	.57	.013	17	31	.66	94	.09	2	2.23	.01	.06	1	2
L15E 5+75N	1	20	6	28	.1	20	7	132	1.63	2	5	ND	5	11	1	2	2	34	.32	.011	12	27	.45	42	.06	3	1.28	.01	.03	1	2
L15E 5+50N	1	45	19	153	.1	30	22	2815	1.83	3	5	ND	1	9	1	2	2	30	.14	.101	14	16	.36	204	.02	2	2.20	.01	.07	1	5
L15E 5+25N	1	28	17	98	.1	31	9	312	2.90	3	5	ND	2	11	1	3	2	44	.16	.063	10	27	.38	93	.03	2	3.05	.01	.06	1	3
L15E 5+00N	1	18	9	44	.1	35	10	135	2.45	4	5	ND	4	9	1	2	2	36	.17	.021	11	29	.49	100	.06	2	2.27	.01	.02	2	2
L15E 4+75N	1	11	9	46	.1	20	6	165	1.86	2	5	ND	3	8	1	2	2	37	.17	.011	10	23	.43	62	.04	2	1.52	.01	.03	2	2
L15E 4+50N	1	42	7	59	.1	32	16	457	2.44	2	5	ND	3	16	1	2	4	44	.46	.018	17	33	.61	79	.06	2	2.23	.01	.04	1	2
L15E 4+25N	1	26	13	91	.2	26	12	368	2.68	2	5	ND	2	9	1	2	3	45	.18	.017	10	28	.65	64	.05	3	1.95	.01	.05	1	17
L15E 4+00N	1	35	15	125	.2	16	7	800	2.55	3	5	ND	2	10	1	2	2	44	.14	.105	14	20	.34	151	.02	3	2.66	.01	.06	1	4
L15E 3+75N	1	21	10	40	.1	32	9	170	2.12	2	5	ND	3	10	1	3	2	38	.21	.014	9	31	.66	34	.09	6	1.49	.01	.02	1	10
L15E 3+50N	2	86	27	78	.2	73	35	1153	3.98	2	5	ND	3	37	1	2	2	60	.96	.065	42	63	.57	209	.03	3	4.13	.01	.11	1	4
L15E 3+25N	1	47	11	78	.1	77	16	411	2.66	2	5	ND	3	18	1	2	2	39	.42	.023	18	46	.74	70	.06	2	2.56	.02	.04	1	2
L15E 3+00N	1	32	12	220	.3	112	20	558	4.46	3	5	ND	3	19	1	2	2	42	.42	.167	15	57	1.01	181	.03	3	3.97	.01	.10	1	1
L15E 2+75N	1	9	7	49	.1	23	7	128	1.29	2	5	ND	3	9	1	2	2	20	.18	.010	13	23	.40	42	.04	2	1.15	.01	.02	2	1
L15E 1+75N	1	48	6	101	.1	15	3	83	.66	2	5	ND	1	60	1	2	3	9	2.56	.069	34	10	.13	146	.01	7	.86	.01	.02	1	2
L15E 1+50N	1	74	10	73	.1	43	12	219	3.32	2	5	ND	4	11	1	2	2	57	.18	.055	24	42	.73	65	.07	2	3.99	.01	.06	1	1
L15E 1+25N	1	84	16	54	.1	6	3	79	2.32	3	5	ND	2	6	1	2	5	40	.07	.141	13	17	.12	97	.01	2	2.58	.01	.03	1	1
L15E 1+00N	1	37	12	62	.1	42	12	278	2.73	2	5	ND	5	12	1	2	2	50	.22	.041	14	42	.63	83	.07	3	2.86	.01	.04	1	2
L15E 0+75N	1	14	8	88	.1	26	10	227	2.24	2	5	ND	3	13	1	3	4	38	.20	.062	11	27	.51	107	.06	3	1.96	.01	.05	1	3
L15E 0+50N	1	15	12	105	.2	43	13	237	2.87	2	5	ND	2	15	1	3	3	45	.23	.096	11	36	.56	128	.06	2	2.81	.01	.07	1	1
L15E 0+25N	1	8	10	48	.1	23	7	127	2.09	2	5	ND	3	11	1	2	2	39	.15	.029	10	26	.41	64	.06	4	1.74	.01	.03	1	2
L15E 0+00	1	23	12	52	.1	21	7	131	2.33	3	5	ND	4	12	1	2	2	43	.16	.020	11	27	.43	49	.06	2	2.23	.01	.04	1	2
L15E 0+25S	1	49	8	77	.1	29	15	325	2.73	2	5	ND	3	14	1	2	5	55	.27	.031	17	43	.65	98	.08	3	2.43	.01	.04	1	1
L15E 0+50S	1	46	20	94	.2	12	10	851	2.61	4	5	ND	2	12	1	2	2	48	.20	.082	13	16	.31	148	.03	2	1.79	.01	.07	1	2
L15E 0+75S	2	30	8	80	.2	39	13	164	3.00	2	5	ND	4	13	1	2	4	53	.16	.073	12	33	.53	143	.07	4	3.91	.01	.05	1	5
L15E 1+00S	1	8	6	54	.1	17	8	135	1.31	2	5	ND	3	13	1	2	2	25	.18	.013	11	17	.31	71	.05	2	1.16	.01	.03	1	1
STD C/AU-S	16	61	42	132	6.7	66	31	1026	4.16	41	19	7	39	49	18	18	24	59	.49	.091	40	53	.93	182	.07	33	2.01	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L15E 1+25S	1	42	14	125	.2	24	7	160	3.66	3	5	ND	4	15	1	2	3	60	.25	.165	14	52	.38	129	.05	3	3.96	.01	.07	1	1
L15E 1+50S	1	26	11	40	.2	6	3	60	1.28	2	5	ND	3	22	1	2	2	27	.17	.020	26	22	.16	138	.03	2	1.22	.01	.04	2	1
L15E 1+75S	1	18	6	56	.1	16	7	180	1.58	2	5	ND	1	17	1	2	2	31	.22	.027	17	31	.39	99	.04	2	1.21	.01	.04	1	1
L15E 2+00S	1	24	7	87	.1	21	8	264	1.77	2	5	ND	2	18	1	2	2	29	.22	.057	14	40	.45	105	.04	4	1.53	.01	.05	1	2
L15E 2+25S	1	12	9	95	.1	18	7	362	1.62	2	5	ND	2	20	1	2	2	31	.33	.032	14	36	.38	178	.04	3	1.68	.01	.06	1	1
L15E 2+50S	1	15	11	63	.1	30	10	198	2.06	3	5	ND	1	13	1	2	2	38	.19	.026	18	48	.62	96	.05	2	1.53	.01	.05	1	2
L15E 2+75S	1	5	5	17	.1	8	2	47	.63	2	5	ND	1	9	1	2	2	12	.16	.008	11	14	.15	83	.03	2	.55	.01	.04	1	1
L15E 3+00S	1	11	7	33	.1	29	7	144	1.84	2	5	ND	2	31	1	2	2	34	.34	.010	19	31	.66	91	.06	6	1.31	.02	.06	1	3
L15+75E 1+00N	1	44	8	80	.2	29	12	439	3.13	2	5	ND	3	20	1	2	2	65	.23	.029	38	49	.60	182	.06	3	1.51	.01	.06	1	1
L15+75E 0+90N	1	30	8	66	.1	27	9	557	2.03	2	5	ND	1	16	1	2	2	37	.26	.026	80	41	.52	277	.04	2	1.40	.01	.05	1	1
L15+75E 0+80N	1	17	8	81	.2	25	10	175	2.18	2	5	ND	3	10	1	2	2	34	.15	.058	20	36	.46	178	.05	3	1.68	.01	.06	1	1
L15+75E 0+70N	1	41	5	96	.3	44	16	295	3.24	3	5	ND	2	20	1	2	2	49	.21	.083	19	50	.67	157	.05	5	2.68	.01	.07	1	2
L15+75E 0+60N	1	14	14	106	.2	22	20	1676	2.32	2	5	ND	1	17	1	2	2	35	.29	.075	17	33	.45	395	.04	3	1.69	.01	.08	1	1
L15+75E 0+50N	1	31	7	198	.2	45	15	279	3.23	2	5	ND	4	19	1	2	4	53	.27	.077	23	56	.82	211	.06	2	2.43	.01	.11	1	1
L15+75E 0+40N	1	12	5	64	.1	29	16	557	2.40	2	5	ND	2	17	1	2	2	46	.24	.022	21	39	.53	273	.05	5	1.59	.01	.06	1	2
L15+75E 0+30N	1	33	13	50	.1	44	16	939	2.85	3	5	ND	4	20	1	2	2	49	.40	.019	43	43	.52	343	.05	4	2.35	.01	.09	1	2
L15+75E 0+20N	1	95	20	73	.2	58	19	1764	3.38	2	5	ND	5	26	1	2	4	46	.99	.024	185	45	.49	562	.04	8	3.56	.01	.14	1	1
L15+75E 0+10N	1	7	7	21	.1	13	5	105	1.57	2	5	ND	3	20	1	2	2	34	.21	.006	25	26	.24	81	.04	3	.68	.01	.03	1	1
L16E 5+00N	1	17	7	47	.1	40	10	128	1.73	2	5	ND	5	10	1	2	2	29	.20	.009	11	47	.53	41	.06	2	1.34	.01	.03	1	1
L16E 4+75N	1	20	6	66	.1	41	10	159	1.97	2	5	ND	3	11	1	2	2	33	.29	.018	11	59	.56	63	.05	2	1.54	.01	.04	1	2
L16E 4+50N	1	24	8	36	.1	42	10	205	2.07	2	5	ND	4	12	1	2	2	34	.35	.034	13	53	.66	41	.07	3	1.42	.02	.04	2	3
L16E 4+25N	1	88	6	31	.1	57	9	169	2.12	2	5	ND	4	11	1	2	2	34	.30	.021	17	56	.63	31	.07	5	1.42	.01	.03	1	1
L16E 4+00N	1	37	16	215	.2	26	17	1256	2.55	4	5	ND	2	21	1	2	3	34	.39	.064	17	32	.50	140	.03	5	1.91	.01	.10	1	1
L16E 3+75N	1	9	7	151	.1	28	11	522	2.00	2	5	ND	2	10	1	2	2	32	.18	.038	12	46	.50	90	.05	3	1.42	.01	.05	1	1
L16E 3+50N	1	16	7	174	.1	24	13	272	1.69	2	5	ND	1	11	1	2	2	29	.28	.032	11	35	.47	71	.05	4	1.51	.01	.05	1	3
L16E 3+25N	1	26	8	70	.1	30	18	455	2.87	2	5	ND	2	13	1	2	2	43	.63	.025	14	40	.63	69	.08	5	2.15	.01	.05	1	1
L16E 3+00N	1	14	8	45	.1	24	10	212	2.61	3	5	ND	4	11	1	2	2	43	.46	.016	13	31	.56	57	.12	6	1.60	.01	.05	2	2
L16E 2+75N	1	18	12	63	.1	22	8	140	1.92	2	5	ND	1	13	1	2	3	42	.22	.026	12	34	.42	67	.03	2	1.79	.01	.05	1	1
L16E 2+50N	1	48	17	122	.1	25	10	177	3.66	2	5	ND	3	15	1	2	2	59	.16	.137	15	48	.57	100	.04	4	3.35	.01	.10	1	1
L16E 2+25N	1	47	7	116	.1	45	17	518	2.58	2	5	ND	4	13	1	2	2	40	.22	.030	26	73	.86	98	.10	2	2.82	.01	.05	1	1
L16E 2+00N	1	25	13	101	.1	26	9	532	2.39	3	5	ND	2	11	1	2	2	39	.17	.075	13	33	.41	116	.02	4	2.44	.01	.06	1	1
L16E 1+75N	1	60	10	70	.1	32	14	840	2.79	2	5	ND	2	13	1	2	2	37	.26	.049	12	35	.46	94	.04	2	1.47	.01	.04	1	2
L16E 1+50N	1	8	2	63	.1	22	8	269	1.86	2	5	ND	2	12	1	2	2	32	.19	.027	10	37	.41	71	.06	2	1.34	.01	.03	1	1
L16E 1+25N	1	12	5	44	.1	27	7	161	2.07	2	5	ND	2	11	1	2	2	35	.22	.027	12	39	.56	57	.07	4	1.44	.01	.03	1	1
L16E 1+00N	1	8	5	39	.1	14	5	146	1.56	2	5	ND	3	16	1	2	2	29	.24	.013	13	28	.47	42	.09	2	1.30	.01	.04	1	1
L16E 0+75N	1	4	3	22	.1	11	4	87	1.07	2	5	ND	3	8	1	2	2	18	.15	.009	9	19	.31	21	.06	3	.36	.01	.01	1	1
STD C/AU-S	18	59	40	132	6.7	68	31	1025	4.18	37	17	7	38	48	18	17	22	59	.49	.095	40	57	.94	177	.07	32	2.06	.06	.13	11	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L16E 0+50N	1	15	9	76	.1	35	9	164	2.62	5	5	ND	2	9	1	2	4	44	.14	.083	9	44	.47	65	.06	3	2.57	.01	.04	1	1
L16E 0+25N	1	11	5	62	.1	17	8	172	1.72	2	5	ND	2	8	1	2	2	30	.13	.012	9	26	.31	48	.05	2	1.30	.01	.02	1	1
L16E 0+00	1	22	10	43	.1	20	11	175	2.02	2	5	ND	4	12	1	2	2	39	.19	.017	15	34	.44	72	.06	2	2.04	.01	.03	1	2
L16E 0+25S	1	23	17	219	.1	17	8	327	2.68	3	5	ND	2	15	1	2	2	42	.28	.154	14	31	.40	144	.02	4	2.46	.01	.07	1	1
L16E 0+50S	1	21	10	119	.1	33	11	485	2.86	4	5	ND	3	15	1	2	2	49	.26	.079	12	33	.51	159	.07	10	2.70	.01	.06	1	1
L16E 0+75S	1	59	11	180	.3	36	34	1396	3.74	3	5	ND	2	17	1	2	3	47	.29	.107	15	38	.62	169	.03	5	3.11	.01	.08	1	2
L16E 1+00S	1	40	13	171	.1	45	19	1049	3.59	5	5	ND	1	71	1	2	2	52	.39	.106	29	69	.95	282	.03	7	2.99	.01	.10	1	2
L16E 1+25S	2	32	12	127	.1	51	15	781	3.20	3	5	ND	2	35	1	2	5	51	.32	.057	30	60	.89	288	.06	7	3.25	.01	.11	1	1
L16E 1+50S	1	37	20	196	.3	38	22	1262	3.49	4	5	ND	2	19	1	2	3	53	.31	.106	46	83	.65	247	.03	5	3.23	.01	.11	1	2
L16E 1+75S	1	25	11	144	.2	40	17	548	2.17	2	5	ND	3	19	1	2	2	31	.24	.026	16	68	.69	195	.04	3	1.69	.01	.06	1	2
L16E 2+00S	1	310	38	142	.1	56	35	2456	6.77	7	5	ND	4	21	1	2	20	134	.38	.075	438	29	1.25	605	.06	13	3.26	.01	.11	1	3
L16E 2+25S	1	43	11	163	.1	46	20	854	3.54	5	5	ND	2	20	1	2	2	60	.26	.085	33	60	.80	193	.06	8	2.66	.01	.06	1	2
L16E 2+50S	1	27	9	160	.3	28	15	485	2.81	4	5	ND	3	22	1	2	2	44	.25	.088	31	41	.65	222	.05	4	2.13	.01	.11	1	1
L16E 2+75S	1	14	10	54	.1	12	10	673	2.98	2	5	ND	2	45	1	2	2	58	.23	.013	64	26	.36	169	.05	11	.88	.01	.06	1	17
L16E 3+00S	1	333	10	41	.1	50	24	189	4.10	3	5	ND	7	49	1	2	2	71	.43	.013	126	65	.72	204	.06	5	2.40	.01	.06	1	16
L16+25E 1+00N	1	13	6	81	.1	20	9	142	1.31	2	5	ND	3	13	1	2	2	23	.18	.011	17	27	.40	104	.04	3	1.28	.01	.03	1	1
L16+25E 0+90N	1	33	13	95	.1	37	20	2131	2.87	2	5	ND	4	25	1	2	2	52	.43	.028	36	45	.73	277	.05	4	2.62	.01	.10	1	2
✓ L16+25E 0+80N	1	117	26	282	.5	40	41	3837	5.51	5	5	ND	4	30	1	2	2	93	.44	.098	175	27	1.08	1796	.04	6	3.23	.01	.11	1	2
✓ L16+25E 0+70N	4	70	21	250	.4	26	45	6484	5.08	7	5	ND	3	42	1	2	4	63	.65	.164	72	21	.62	867	.03	6	2.37	.01	.14	1	4
L16+25E 0+60N	1	41	11	116	.2	42	14	652	2.89	5	5	ND	2	22	1	2	2	49	.30	.062	32	65	.72	298	.05	3	1.82	.01	.09	1	3
L16+25E 0+50N	1	17	7	113	.3	32	11	305	2.41	5	5	ND	2	17	1	2	3	40	.27	.056	20	46	.55	202	.04	3	1.64	.01	.07	1	3
L16+25E 0+40N	1	92	16	194	.4	20	37	2863	4.26	4	5	ND	3	31	1	2	2	45	.30	.064	54	26	.48	533	.05	6	1.89	.01	.13	1	34
✓ L16+25E 0+30N	1	61	27	365	.1	18	42	10765	3.85	8	5	ND	1	46	1	2	2	45	.67	.231	23	19	.38	811	.02	5	2.43	.01	.16	1	45
L16+25E 0+20N	3	169	13	103	.7	21	23	465	7.89	7	5	ND	4	167	1	2	2	84	.41	.102	64	37	.60	288	.08	5	1.84	.01	.10	1	7
L16+25E 0+10N	3	51	15	72	.1	6	38	395	6.82	3	5	ND	4	187	1	2	3	54	.58	.038	244	14	.42	606	.05	7	1.50	.01	.08	1	2
L16+50E 1+00N	2	91	15	137	.1	64	16	183	3.70	10	5	ND	5	12	1	2	2	51	.16	.194	23	50	.55	130	.05	4	5.17	.01	.07	1	3
L16+50E 0+90N	1	39	16	240	.2	33	27	2106	2.14	6	5	ND	1	27	1	2	2	28	.49	.174	16	25	.44	320	.02	5	2.57	.01	.11	1	3
L16+50E 0+80N	1	36	10	111	.1	70	16	301	3.06	4	5	ND	2	14	1	2	2	47	.20	.066	28	52	.73	149	.05	5	2.84	.01	.07	1	2
L16+50E 0+70N	1	39	16	270	.3	35	19	1761	2.75	6	5	ND	1	34	1	2	2	35	.48	.153	18	33	.59	459	.03	4	2.73	.01	.14	1	2
L16+50E 0+60N	1	25	21	284	.1	35	21	7281	2.38	6	5	ND	1	36	1	2	2	34	.75	.131	18	44	.58	1168	.03	5	1.85	.01	.12	1	1
L16+50E 0+50N	1	76	15	176	.4	42	27	4972	3.52	5	5	ND	1	49	1	2	4	53	.52	.120	38	50	.65	709	.04	4	2.35	.01	.12	1	2
L16+50E 0+40N	1	37	13	134	.9	36	12	484	2.55	2	5	ND	2	16	1	2	2	42	.23	.066	22	41	.58	208	.04	2	2.09	.01	.09	1	2
L16+50E 0+30N	1	37	11	117	.4	24	21	525	3.98	3	5	ND	2	29	1	2	2	48	.23	.061	53	36	.54	230	.04	3	1.86	.01	.07	1	35
L16+50E 0+20N	1	57	9	141	.5	29	42	1273	4.33	3	5	ND	3	36	1	2	3	60	.34	.089	25	41	.59	400	.05	2	2.56	.01	.12	1	121
L16-50E 0+10N	2	129	11	88	.2	30	32	329	5.50	6	5	ND	2	61	1	2	2	122	.34	.042	59	29	.89	238	.08	2	2.36	.01	.10	1	165
L17E 5+00N	1	49	11	59	.1	39	22	500	2.34	3	5	ND	4	15	1	2	2	38	.52	.014	16	45	.58	79	.06	3	2.04	.02	.04	1	2
STD C/AU-S	18	59	38	132	6.7	68	30	1023	4.17	40	22	7	38	48	18	19	20	59	.49	.097	40	57	.94	179	.07	32	2.08	.06	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L17E 4+75N	1	16	11	54	.1	41	11	153	2.63	2	5	ND	3	10	1	2	2	55	.27	.014	10	31	.62	48	.08	4	2.17	.01	.03	1	1
L17E 4+50N	1	51	16	100	.1	159	33	369	4.26	2	5	ND	2	15	1	2	2	54	.28	.045	20	53	1.24	139	.05	4	4.57	.01	.08	1	2
L17E 4+25N	1	24	13	153	.2	41	13	482	3.59	2	5	ND	3	12	1	2	2	63	.17	.179	14	35	.66	127	.05	4	3.15	.01	.09	1	380
L17E 4+00N	1	44	18	106	.1	268	52	934	3.93	2	5	ND	2	11	1	2	2	27	.23	.070	11	18	1.23	94	.03	5	5.75	.02	.05	1	16
L17E 3+75N	1	37	11	44	.1	52	11	191	2.34	2	5	ND	4	8	1	3	2	37	.14	.036	14	31	.56	62	.07	4	2.67	.01	.04	2	22
L17E 3+50N	1	28	11	130	.1	39	9	358	2.92	2	5	ND	2	10	1	2	3	43	.17	.083	10	28	.50	147	.04	4	3.41	.01	.06	1	2
L17E 3+25N	1	39	11	78	.1	44	10	146	2.38	3	5	ND	2	9	1	2	2	35	.16	.064	13	31	.51	67	.05	2	3.08	.01	.04	1	4
L17E 3+00N	1	10	9	73	.1	20	10	731	2.01	2	5	ND	2	18	1	2	2	39	.27	.042	12	31	.36	115	.04	5	1.20	.01	.05	1	3
L17E 2+75N	1	6	7	32	.1	17	6	103	1.37	2	5	ND	3	10	1	2	2	26	.24	.025	9	19	.39	28	.06	4	.98	.01	.04	1	1
L17E 2+50N	1	37	15	91	.1	19	15	571	2.28	3	5	ND	1	19	1	2	2	34	.29	.081	22	21	.41	141	.03	2	2.32	.01	.07	1	4
L17E 2+50N A	1	11	5	15	.1	10	3	86	.83	2	5	ND	3	8	1	2	2	17	.19	.012	11	12	.24	25	.04	6	.70	.01	.01	1	2
L17E 2+25N	1	15	3	21	.2	14	5	88	.98	2	6	ND	5	8	1	2	2	22	.20	.010	11	16	.30	29	.04	3	.67	.01	.02	1	1
L17E 2+25N A	1	16	10	74	.1	24	8	134	2.46	2	5	ND	3	12	1	2	2	43	.13	.033	12	25	.40	75	.05	4	2.66	.01	.04	1	2
L17E 2+00N	1	79	19	133	.1	22	4	92	1.45	2	5	ND	1	13	1	2	2	21	.19	.118	13	10	.07	135	.01	2	1.24	.01	.05	1	1
L17E 1+75N	1	17	10	80	.1	29	8	134	2.37	2	5	ND	3	10	1	2	2	34	.13	.042	11	26	.41	94	.05	5	2.49	.01	.05	1	2
L17E 1+50N	1	44	6	112	.1	21	10	431	3.76	2	5	ND	1	12	1	2	2	46	.19	.144	20	22	.27	91	.02	2	2.05	.01	.09	1	1
L17E 1+25N	1	44	15	91	.1	54	13	181	3.44	2	6	ND	3	12	1	2	3	56	.19	.064	11	35	.58	100	.08	3	4.45	.01	.07	1	1
L17E 1+00N	1	20	11	78	.2	27	9	167	2.71	3	5	ND	2	13	1	2	2	49	.20	.030	11	26	.52	107	.08	3	2.63	.01	.05	1	2
L17E 0+75N	1	55	17	113	.1	58	11	242	3.79	2	5	ND	4	15	1	2	2	58	.28	.096	15	35	.51	100	.07	3	4.25	.01	.08	1	1
L17E 0+50N	1	39	13	106	.1	55	13	236	3.24	2	5	ND	3	12	1	2	2	49	.20	.050	13	37	.66	79	.06	4	2.98	.01	.06	1	1
L17E 0+25N	1	2	2	16	.1	4	2	40	.49	2	5	ND	1	8	1	2	2	11	.09	.006	9	11	.10	26	.02	5	.33	.01	.02	1	1
L17E 0+00	1	35	11	79	.1	35	13	708	1.92	2	8	ND	1	17	1	2	3	31	.35	.025	32	30	.49	120	.04	4	1.81	.01	.05	1	1
L17E 0+25S	1	79	8	71	.1	102	17	226	2.14	2	5	ND	1	11	1	2	2	27	.14	.022	18	139	1.34	75	.05	4	2.04	.01	.04	1	5
L17E 0+50S	2	60	13	106	.1	22	13	256	2.35	2	5	ND	1	36	1	2	2	37	.29	.028	27	26	.52	138	.04	8	1.67	.01	.05	1	1
L17E 0+75S	1	149	16	138	.3	52	26	332	4.05	2	6	ND	3	29	1	2	2	61	.27	.059	26	43	1.34	164	.11	6	4.22	.01	.09	1	1
L17E 1+00S	2	117	20	130	.1	71	35	814	4.19	2	17	ND	1	31	1	2	2	56	.41	.088	116	42	.64	632	.04	7	4.69	.01	.08	1	3
L17E 1+25S	1	48	23	113	.1	25	8	151	3.53	2	5	ND	4	8	1	2	2	55	.10	.150	18	25	.20	116	.03	4	5.30	.01	.04	1	1
L17E 1+50S	1	30	20	126	.1	65	11	184	3.69	2	6	ND	2	12	1	2	2	53	.17	.082	11	38	.53	128	.05	4	3.85	.01	.06	1	1
L17E 1+75S	1	80	17	88	.1	41	10	212	2.88	2	5	ND	1	8	1	3	2	46	.10	.141	16	38	.52	73	.04	6	4.62	.01	.06	1	2
L17E 2+00S	1	77	17	187	.1	69	15	267	3.53	4	5	ND	4	13	1	2	2	53	.23	.244	13	42	.77	125	.06	5	4.86	.01	.08	1	1
L17E 2+25S	1	36	23	182	.2	49	16	1422	2.95	2	5	ND	1	25	1	2	2	43	.48	.138	22	32	.53	319	.04	5	3.09	.01	.11	1	2
L17E 2+50S	1	38	23	200	.1	64	20	876	3.47	2	7	ND	2	19	1	3	2	45	.30	.278	13	41	.75	284	.05	7	3.66	.01	.10	1	1
L17E 2+75S	1	7	8	29	.1	22	6	110	1.56	2	5	ND	2	17	1	2	2	32	.20	.012	14	31	.37	44	.05	4	.89	.01	.03	2	4
L21E 3+00N	1	103	14	68	.1	145	22	192	3.37	2	5	ND	6	10	1	3	2	52	.16	.051	15	42	.79	79	.08	3	4.18	.01	.07	1	1
L21E 2+75N	1	9	17	25	.1	10	8	541	.99	2	5	ND	2	16	1	2	2	21	.23	.018	12	11	.21	79	.03	3	.89	.01	.05	1	1
L21E 2+50N	1	26	24	57	.1	12	51	6011	1.87	4	10	ND	1	19	1	2	2	31	.20	.047	29	15	.25	219	.03	6	1.54	.01	.08	1	4
STD C/AU-S	18	59	41	132	6.6	68	31	1022	4.05	41	24	7	38	48	17	16	22	58	.48	.087	39	53	.91	176	.07	33	2.04	.06	.13	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L21E 2+25N	1	23	15	84	.1	9	10	1945	1.56	2	5	ND	1	13	1	2	5	26	.15	.041	21	12	.16	247	.02	2	1.43	.01	.06	1	1
L21E 2+00N	1	14	12	82	.1	19	9	542	2.47	4	5	ND	2	12	1	2	5	36	.22	.054	10	22	.44	134	.05	4	1.89	.01	.06	1	3
L21E 1+75N	1	28	13	78	.1	22	18	2441	2.41	2	5	ND	1	16	1	2	2	38	.32	.060	17	24	.42	141	.04	4	2.32	.01	.06	1	1
L21E 1+50N	1	4	3	21	.1	8	4	175	1.27	2	5	ND	2	9	1	2	2	32	.16	.011	11	17	.22	44	.04	2	.60	.01	.03	1	2
L21E 1+25N	1	12	8	73	.1	18	9	283	2.10	3	5	ND	2	14	1	2	2	36	.26	.036	11	23	.48	94	.06	2	1.58	.01	.06	1	23
L21E 1+00N	1	19	14	85	.1	21	12	1477	2.25	2	5	ND	2	15	1	2	2	38	.28	.062	13	24	.47	202	.05	4	1.97	.01	.08	1	1
L21E 0+75N	1	30	14	194	.1	49	28	4931	2.91	5	5	ND	1	21	1	2	2	45	.45	.073	22	80	.97	356	.06	4	2.54	.01	.10	2	1
L21E 0+50N	2	53	15	130	.4	39	25	248	3.90	2	5	ND	3	23	1	2	2	58	.34	.117	20	43	.76	138	.07	3	3.86	.01	.10	1	3
L21E 0+25N	1	45	33	136	.1	15	10	920	2.70	4	5	ND	1	22	1	2	2	31	.53	.156	13	19	.31	188	.01	2	1.85	.01	.07	1	1
L24E 10+00N	1	10	2	38	.1	12	6	139	1.24	2	5	ND	4	9	1	2	2	23	.20	.010	12	16	.34	39	.06	2	.99	.01	.02	1	1
L24E 9+75N	1	10	10	37	.1	14	5	129	1.58	2	5	ND	4	11	1	2	3	28	.20	.018	13	21	.45	33	.07	4	1.38	.01	.04	2	1
L24E 9+50N	1	13	7	58	.1	22	8	296	2.32	2	5	ND	4	10	1	2	2	39	.22	.074	11	27	.45	67	.06	4	1.90	.01	.07	1	2
L24E 9+25N	1	19	5	37	.1	21	9	153	2.56	2	5	ND	3	9	1	2	2	54	.20	.015	9	31	.54	33	.09	2	1.44	.01	.06	2	1
L24E 9+00N	1	154	18	99	.1	20	4	159	.96	2	5	ND	1	41	1	2	2	9	3.76	.083	31	7	.11	81	.01	7	.61	.01	.03	1	2
L24E 8+75N	1	16	4	66	.1	2	1	68	.18	2	5	ND	1	44	1	2	2	2	4.34	.033	2	2	.06	38	.01	9	.15	.01	.01	1	1
L26E 8+50N	1	454	20	144	.3	39	54	1926	3.87	11	5	ND	2	13	1	2	2	53	.28	.139	11	28	.38	147	.01	2	2.38	.01	.05	1	1
L26E 8+25N	1	504	18	167	.3	33	11	781	3.50	10	5	ND	1	14	1	2	2	54	.20	.159	20	32	.53	127	.05	3	3.51	.01	.08	2	5
L26E 8+00N	1	42	13	175	.1	29	15	465	3.33	3	5	ND	2	13	1	2	2	57	.29	.123	11	29	.57	105	.06	4	2.67	.01	.13	1	2
L26E 7+75N	1	12	6	78	.2	22	9	171	2.62	2	5	ND	3	9	1	2	2	58	.19	.021	8	30	.44	60	.08	2	1.51	.01	.06	1	5
L26E 7+50N	1	18	4	47	.1	23	9	292	2.12	2	5	ND	3	15	1	2	2	39	.46	.015	14	25	.39	104	.04	2	2.05	.01	.08	2	1
L26E 7+25N	1	186	9	72	.1	7	2	105	.38	2	5	ND	1	40	1	2	2	11	4.07	.054	6	4	.13	42	.01	10	.32	.01	.03	1	1
L26E 7+00N	1	195	16	64	.1	55	10	99	3.07	2	5	ND	14	44	1	2	2	36	2.10	.040	151	38	.49	235	.01	3	4.00	.01	.09	1	4
L26E 6+75N	1	227	8	92	.1	30	5	165	.96	2	5	ND	2	55	1	2	2	13	4.19	.092	41	12	.16	123	.01	7	1.22	.01	.04	1	2
L26E 6+50N	1	108	11	46	.1	23	10	176	2.45	2	5	ND	5	18	1	2	2	44	.87	.022	17	29	.49	74	.06	3	2.02	.01	.07	2	1
L26E 6+25N	1	80	16	198	.1	24	32	1135	2.53	6	5	ND	1	13	1	2	2	41	.30	.057	15	21	.40	157	.05	2	2.19	.01	.06	1	2
L26E 6+00N	1	52	15	134	2.9	20	7	259	3.10	2	5	ND	3	8	1	2	2	50	.14	.115	11	23	.32	85	.05	2	3.04	.01	.07	1	1
L26E 5+75N	1	3	2	22	.1	4	2	72	.59	2	5	ND	1	9	1	2	2	13	.14	.011	9	8	.11	34	.02	3	.43	.01	.02	1	2
L26E 5+50N	1	24	18	95	.1	22	9	288	3.47	2	5	ND	4	11	1	2	2	55	.18	.085	13	29	.44	114	.06	4	3.45	.01	.08	1	1
L26E 5+25N	1	16	38	164	.1	19	6	5110	1.62	4	5	ND	1	21	1	2	2	30	.60	.066	12	17	.20	348	.01	2	1.35	.01	.07	1	4
L26E 5+00N	1	19	5	50	.1	17	9	221	1.34	2	5	ND	2	8	1	2	2	27	.21	.010	9	17	.30	47	.05	2	.96	.01	.03	1	1
L26E 4+75N	1	26	14	66	.1	7	3	160	1.80	2	5	ND	1	8	1	2	3	37	.19	.030	15	15	.17	104	.03	2	1.69	.01	.05	1	2
L26E 4+50N	1	26	9	149	.1	33	13	287	3.25	3	5	ND	3	13	1	2	2	55	.23	.036	10	31	.60	118	.07	3	2.83	.01	.08	1	1
L26E 4+25N	2	621	12	138	.3	18	22	652	7.52	3	5	ND	2	14	1	2	2	45	.19	.176	14	16	.26	105	.03	2	2.81	.01	.08	1	2
L26E 4+00N	1	19	11	128	.1	14	10	1034	1.89	4	5	ND	1	12	1	2	2	44	.26	.032	12	20	.27	117	.04	5	1.14	.01	.09	1	1
L26E 3+75N	1	15	6	229	.2	24	12	996	2.65	2	5	ND	2	14	1	2	2	41	.22	.080	12	27	.53	163	.05	2	2.27	.01	.09	1	3
L26E 3+50N	1	4	2	26	.1	4	2	68	.97	2	5	ND	1	8	1	2	2	25	.11	.010	10	14	.10	27	.04	2	.37	.01	.04	2	1
STD C/AU-S	18	61	38	132	6.6	68	30	1020	4.15	39	22	8	38	48	18	16	18	58	.49	.089	39	53	.92	175	.07	33	2.05	.06	.13	13	49

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
L26E 3+25N	1	18	7	149	.1	30	12	392	2.54	4	5	ND	2	11	1	2	2	37	.20	.051	10	30	.61	71	.06	6	1.99	.01	.08	1	4
L26E 3+00N	1	10	14	99	.1	12	10	790	1.81	5	5	ND	1	12	1	2	2	30	.17	.033	12	20	.32	103	.04	6	1.14	.01	.08	1	2
L26E 2+75N	1	9	9	39	.1	14	7	246	2.10	4	5	ND	2	16	1	2	2	45	.25	.017	16	26	.39	55	.06	7	.95	.01	.10	3	2
L26E 2+50N	1	5	4	21	.1	10	3	77	1.06	2	5	ND	2	9	1	2	2	22	.15	.006	9	15	.23	19	.05	5	.50	.01	.06	1	2
L26E 2+25N	1	11	10	21	.1	12	5	73	1.74	2	5	ND	2	13	1	2	2	31	.20	.006	8	19	.23	44	.05	7	1.22	.01	.05	1	1
TL 3+00E	1	21	10	98	.1	4	1	129	.31	2	5	ND	1	41	1	2	2	6	3.68	.047	3	4	.08	53	.01	13	.27	.01	.01	1	3
TL 3+25E	1	31	15	94	.1	6	1	99	.40	2	5	ND	1	36	1	2	2	8	2.92	.047	3	3	.07	42	.01	11	.20	.01	.02	1	2
TL 3+50E	1	6	4	20	.1	11	4	78	1.09	2	5	ND	3	8	1	2	2	22	.26	.006	8	14	.24	13	.05	6	.70	.01	.01	1	2
TL 3+75E	1	75	6	118	.1	20	10	206	2.18	2	5	ND	3	9	1	2	2	43	.28	.014	11	27	.45	58	.07	5	1.41	.01	.06	1	2
TL 4+00E	1	60	14	206	.1	33	14	584	2.83	2	5	ND	4	11	1	2	2	39	.31	.052	15	29	.51	153	.05	5	2.60	.01	.11	1	1
TL 4+25E	1	44	11	60	.1	28	11	167	2.74	4	5	ND	2	10	1	2	2	54	.33	.041	13	28	.62	70	.08	8	2.16	.01	.07	1	1
TL 4+50E	1	12	6	43	.1	12	6	129	1.71	3	5	ND	3	9	1	2	2	37	.17	.011	10	19	.34	34	.06	6	1.15	.01	.03	1	2
TL 4+75E	1	23	11	86	.2	20	8	281	2.83	2	5	ND	3	13	1	3	2	49	.22	.041	12	26	.41	103	.06	4	2.47	.01	.07	1	1
STD C/AU-S	17	58	38	132	7.1	68	31	1047	4.10	40	18	7	37	47	17	16	23	57	.48	.089	38	53	.92	175	.06	33	2.03	.06	.14	12	50

CERTIFICATE OF ASSAY

Date: October 19, 1988

File: 8810-0750

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DON TULLY ENGINEERING
1205 - 555 13th Street
West Vancouver, B.C.
V7T 2N8

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD	SILVER	Nickel	Copper	xxxxxx	xxxxxxxxx	xxxxxxxxx	xxxxxxx
	oz/st	oz/st	Ni (%)	Cu (%)				
D - 0101 TR #1	0.020	0.30	0.005	2.74				
0102 SOIL	0.006	0.05	-	-				
0103 TR #2	0.026	0.20	0.004	0.67				
0104 SOIL	0.002	0.06	-	-				
0105 TR #5	0.002	0.12	0.005	0.53				
0106 SOIL	0.008	0.30	-	-				
0107 TR #3	0.034	0.38	0.003	2.55				
0108 SOIL	0.002	0.10	-	-				
0109 Qtz Vein	0.008	0.22	-	-				
0110 SOIL	0.002	0.08	-	-				
0111 R-T Vein	0.521	0.50	-	-				
0112 "	0.002	0.05	-	-				
0113 "	0.060	0.26	-	-				
0114 "	0.804	0.56	-	-				
0115 DOME	0.008	0.23	0.13	0.61				
0116 "	0.002	0.10	0.007	0.02				

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

L. Wang
PROVINCIAL ASSAYER

CERTIFICATE OF ANALYSIS

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DON TULLY ENG. LTD.
1205 - 555 13TH St.
West Vancouver, B.C.
V7T 2N8

Date: Oct. 19, 1988
No.:
File: 8810-0750

I C P ANLAYSIS

Description: ORE

Element :		D0101	D0110	D0111	D0112
AG	(ppm)	9.16	0.66	2.54	1.46
AL	(ppm)	1291.64	5290.74	1389.54	1565.46
AS	(ppm)	8.56	28.78	7.57	8.80
BA	(ppm)	0.75	110.39	74.93	117.82
CA	(ppm)	1383.48	994.87	762.54	1280.94
CD	(ppm)	9.42	2.52	2.47	4.95
CO	(ppm)	392.04	29.52	33.30	69.38
CR	(ppm)	239.36	160.25	247.93	187.54
CU	(ppm)	> 1%	67.60 ✓	359.75 ✓	602.69 ✓
FE	(ppm)	> 1%	> 1%	> 1%	> 1%
MG	(ppm)	2135.15	4192.57	1 9757.84	4752.23
MN	(ppm)	559.98	395.36	372.91	575.71
MO	(ppm)	5.02	5.23	8.98	6.35
NI	(ppm)	20.05	14.76 ✓	2058.46 ✓	64.74 ✓
P	(ppm)	730.68	1263.55	858.02	946.88
PB	(ppm)	16.40	11.15	22.48	16.34
SB	(ppm)	8.69	9.62	13.77	9.46
SR	(ppm)	50.06	30.56	15.07	46.30
TI	(ppm)	793.65	961.50	126.28	367.71
V	(ppm)	40.86	22.43	36.52	33.32
ZN	(ppm)	66.41	52.03	86.60	33.44

L. NEWNES, CHEMIST
SIGNATURE AND TITLE

CERTIFICATE OF ANALYSIS

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DON TULLY ENG. LTD.
1205 - 555 13TH St.
West Vancouver, B.C.
V7T 2N8

Date: Oct. 19, 1988
No.:
File: 8810-0750

I C P ANLAYSIS

Description: ORE

Element :		D0102	D0103	D0104	D0105
AG	(ppm)	0.54	2.94	0.54	1.86
AL	(ppm)	3659.66	3362.81	4176.70	2970.93
AS	(ppm)	19.08	20.51	22.40	19.73
BA	(ppm)	74.42	5.60	86.27	1.25
CA	(ppm)	967.45	2261.32	1003.01	1615.81
CD	(ppm)	1.84	4.25	2.36	6.94
CO	(ppm)	24.80	75.38	22.90	171.00
CR	(ppm)	167.63	147.80	133.09	235.96
CU	(ppm)	292.90	8979.75	396.32	4926.54
FE	(ppm)	> 1%	> 1%	> 1%	> 1%
MG	(ppm)	2106.31	3081.64	1956.73	2024.44
MN	(ppm)	225.43	105.41	178.02	149.98
MO	(ppm)	4.02	1.54	5.56	2.69
NI	(ppm)	17.88	57.64	28.15	107.33
P	(ppm)	178.66	1028.92	138.34	162.06
PB	(ppm)	9.25	11.41	14.42	11.15
SB	(ppm)	4.54	6.92	6.69	6.31
SR	(ppm)	7.72	7.79	7.91	8.50
TI	(ppm)	155.84	324.80	291.43	331.74
V	(ppm)	26.15	7.93	46.23	14.11
ZN	(ppm)	28.79	418.99	36.98	72.38

L. NEWNES, CHEMIST
SIGNATURE AND TITLE

CERTIFICATE OF ANALYSIS

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DON TULLY ENG. LTD.
1205 - 555 13TH St.
West Vancouver, B.C.
V7T 2N8

Date: Oct. 19, 1988
No.:
File: 8810-0750

I C P ANLAYSIS

Description: ORE

Element :		D0106	D0107	D0108	D0109
AG	(ppm)	0.26	9.02	0.40	1.46
AL	(ppm)	2491.35	1129.27	3369.54	1490.24
AS	(ppm)	14.18	6.18	18.32	10.27
BA	(ppm)	71.38	0.75	65.81	4.32
CA	(ppm)	833.16	1831.74	838.05	1558.93
CD	(ppm)	1.46	5.47	1.92	1.59
CO	(ppm)	14.04	74.16	16.04	21.92
CR	(ppm)	94.38	171.41	120.77	242.32
CU	(ppm)	20.43	> 1%	71.45	4398.10 ✓
FE	(ppm)	> 1%	> 1%	> 1%	> 1%
MG	(ppm)	1498.88	1014.41	2166.16	2024.44
MN	(ppm)	225.43	105.41	178.02	149.98
MO	(ppm)	4.02	1.54	5.56	2.69
NI	(ppm)	17.88	57.64	28.15	107.33 ✓
P	(ppm)	178.66	1028.92	138.34	162.06
PB	(ppm)	9.25	11.41	14.42	11.15
SB	(ppm)	4.54	6.92	6.69	6.31
SR	(ppm)	7.72	7.79	7.91	8.50
TI	(ppm)	155.84	324.80	291.43	331.74
V	(ppm)	26.15	7.93	46.23	14.11
ZN	(ppm)	28.79	418.99	36.98	72.38

L. NEWNES, CHEMIST
SIGNATURE AND TITLE

CERTIFICATE OF ANALYSIS

SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: DON TULLY ENG. LTD.
1205 - 555 13TH St.
West Vancouver, B.C.
V7T 2N8

Date: Oct. 19, 1988
No.:
File: 8810-0750

I C P ANLAYSIS

Description: ORE

Element :		D0113	D0114	D0115	D0116
AG	(ppm)	0.66	0.80	3.36	0.66
AL	(ppm)	2341.79	2841.50	4852.34	3762.60
AS	(ppm)	16.01	15.42	26.38	19.68
BA	(ppm)	253.26	115.03	60.23	71.89
CA	(ppm)	1520.50	2043.30	1502.65	> 1%
CD	(ppm)	2.82	3.24	4.27	2.01
CO	(ppm)	45.02	49.16	93.84	30.46
CR	(ppm)	176.50	154.48	228.95	104.05
CU	(ppm)	330.60 ✓	445.46 ✓	7384.08	241.89
FE	(ppm)	> 1%	> 1%	> 1%	> 1%
MG	(ppm)	4531.43	4098.62	> 1%	3422.68
MN	(ppm)	137.92	373.69	138.01	398.80
MO	(ppm)	5.65	5.36	6.77	5.47
NI	(ppm)	30.34 ✓	39.10 ✓	31.96	64.89
P	(ppm)	109.09	801.45	463.82	437.74
PB	(ppm)	17.23	24.08	18.06	19.34
SB	(ppm)	8.23	9.69	8.23	12.15
SR	(ppm)	11.15	6.11	7.34	4.86
TI	(ppm)	328.24	351.13	192.36	242.20
V	(ppm)	49.09	17.01	59.22	13.81
ZN	(ppm)	27.75	152.58	55.77	89.25

L. NEWNES, CHEMIST
SIGNATURE AND TITLE

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158 852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 88-5214

Date: Oct 20 1988

CALIBAN RESOURCES
305 - 850 W. HASTINGS ST.
VANCOUVER, BC
V6C 1E1

TERMS:
NET TWO WEEKS -
1½% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	PROJECT : ISINGWASS		
43	30 ELEMENT ICP ANALYSIS @	6.25	268.75
43	GEOCHEM AU ANALYSIS BY ACID LEACH (10 GM) @	4.50	193.50
4	SOIL SAMPLE PREPARATION @	0.85	3.40
39	ROCK SAMPLE PREPARATION @	3.00	117.00
	TOTAL		582.65

(1131.20)

Pd.

PLEASE PAY LAST AMOUNT

PLEASE RETURN THIS COPY WITH PAYMENT

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158 852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 88-5210

Date: Oct 20 1988

CALIBAN RESOURCES
305 - 850 W. HASTINGS ST.
VANCOUVER, BC
V6C 1E1

TERMS:
NET TWO WEEKS -
1½% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
	PROJECT : ISSAN GLASS		
913	30 ELEMENT ICP ANALYSIS @	6.25	5706.25
913	GEOCHEM AU ANALYSIS BY ACID LEACH (10 GM) @	4.50	4108.50
913	SOIL SAMPLE PREPARATION @	0.85	776.05
			10590.80
	CANADIAN FREIGHTWAYS W/B #129-58528-2		137.75
	TOTAL		10728.55
	REVISED INVOICE		

Pd.

PLEASE PAY LAST AMOUNT

No. _____

THE TORONTO-DOMINION BANK

499 GRANVILLE & PENDER STS.
VANCOUVER, B.C. V6C 1V3

CURRENT ACCOUNT

Oct 27 1988

PAY TO THE ORDER OF Acme Steel Sales $ 11311.20

— Eleven Thousand three hundred & eleven — 20/100 DOLLARS

TRANS. 193

17 95120-004 THE TORONTO-DOMINION BANK 499 Granville & Pender Sts. VANCOUVER, B.C. V6C 1V3 OCT 28 '88 95120-004 17

W. Ellis Elson.

:95120"004:

D91368 4 "0001131120"

900

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Mining Lands Section
3rd floor, 880 Bay Street
Toronto, Ontario
M5S 1Z8

Telephone: (416) 965-4888

February 13, 1989

Your file: W8901-11,12
& 13
Our file: 2.12023

Mining Recorder
Ministry of Northern Development and Mines
808 Robertson Street
P.O. Box 5200
Kenora, Ontario
P8N 3X9

Dear Sir:

Re: Notice of Intent dated January 27, 1989 - Geological Survey, Geochemical Survey & Geophysical (Electromagnetic) Survey submitted on Mining Claims K 1010303 et al in Rowan Lake Area

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

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

Yours sincerely,

W.R. Cowan
Provincial Manager, Mining Lands
Mines & Minerals Division

AB:pl
Enclosure

cc: Mr. G.H. Ferguson
Mining and Lands Commissioner
Toronto, Ontario

Mr. John Miles Waite
6681 - 256th St.
Aldergrove, B.C.
V0X 1A0

Mr. D.W. Tully
Suite 1205, 555 - 13th St.
W. Vancouver, B.C.
V7T 2N8

Resident Geologist
Kenora, Ontario

Mr. Mike Elson
Suite 708, 543 Granville St.
Vancouver, B.C.
V6C 1X8

Mr. Barry Price
2505 W. 1st Avenue
Vancouver, B.C.
V6K 1G8

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.12023

Date: January 27, 1989

Mining Recorder's Report of Work No.: W8901-11

Recorded Holder: J.M. Waite

Township or Area: Rowan Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	
Electromagnetic 16 days	K 1010303 1010306-07-09 1010311 to 14 inclusive
Magnetometer ____ days	
Radiometric ____ days	
Induced polarization ____ days	
Other ____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological ____ days	
Geochemical ____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.12023

Date January 27, 1989

Mining Recorder's Report of Work No. W8901-12

Recorded Holder: J.M. Waite

Township or Area: Rowan Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 1010303-05 to 17 inclusive 1010324-25 1010320
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical 30 days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File 2.12023

Date January 27, 1989

Mining Recorder's Report of Work No. W8901-13

Recorded Holder: J.M. Waite

Township or Area: Rowan Lake Area

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	K 1010303 1010306 to 09 inclusive 1010311 to 14 inclusive
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological 16 days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☒ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT NO. W8901.11

2.12023

Mining Act

MINING LANDS

Instructions: - Please type or print
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey(s): VLF - EM

Township or Area: ROWAN LAKE AREA G2639

Claim Holder(s): JOHN MILES WAITE

Prospector's Licence No.: H13032

Address: 6681 256TH ST. ALDERGROVE, B.C. V0X 1A0.

Survey Company: NORTHERN NATURAL RESOURCE SERVICES LTD. (M.S. ELSON)

Date of Survey (from & to): 1 Day | 9 Mo. | 88 Yr. | 5 Day | 10 Mo. | 88 Yr.

Total Miles of line Cut: 15.47

Name and Address of Author (of Geo Technical report): D.W. TULLY, STE 1205, 555 - 13TH ST. W. VANCOUVER B.C. V7T 2N8

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	20
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED JAN 23 1989 MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	1010303	
	1010306	
	1010307	
	1010309	
	1010311	
	1010312	
	1010313	
	1010314	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

KENORA MINING DIVISION RECEIVED JAN 9 1989 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

1010302

Total number of mining claims covered by this report of work: 8

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
160	89 JAN 9	Scott Rivett
	Date Approved as Recorded	Branch Director
	See revised Statement	

Date: JAN 5 1989

Recorded Holder or Agent (Signature): Mike Elson.

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: MIKE ELSON, #708 - 543 GRANVILLE ST. VANCOUVER B.C. V6C 1X8

Date Certified: JAN 5 1989.

Certified by (Signature): Mike Elson

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8901.12

Mining Act MINING LANDS

Instructions: - Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

2.12023

Type of Survey(s): GEOCHEMICAL

Township or Area: ROWAN LAKE AREA G2639

Claim Holder(s): JOHN MILES WAITE

Prospector's Licence No.: H13032

Address: 6681 256TH ST., ALDERGROVE, B.C. V0X 1A0

Survey Company: NORTHERN NATURAL RESOURCE SERVICES LTD. (ATTN: M.S. ELSON)

Date of Survey (from & to): 1 9 88 (Day | Mo. | Yr.) to 5 10 88 (Day | Mo. | Yr.)

Total Miles of line Cut: 15.47

Name and Address of Author (of Geo-Technical report): D.N. TULLY, STE. 1205, 555-13TH ST., W. VANCOUVER B.C. V7T 2N8

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	40

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

RECEIVED JAN 23 1989 MINING LANDS SECTION

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Date	Recorded Holder or Agent (Signature)
JAN 5 1989	Mike Elson

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
K	1010303	
	1010305	
	1010306	
	1010307	
	1010308	
	1010309	
	1010310	
	1010311	
	1010312	
	1010313	
	1010314	
	1010315	
	1010316	
	1010317	
	1010320	
	1010324	
	1010325	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

KENORA Mining Division RECEIVED JAN 9 1989 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Total number of mining claims covered by this report of work: 17

1010302

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
680	89 JAN 9	Scott Rivett
	Date Approved as Recorded	Branch Director
	See verified statement	

HRB

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: MIKE ELSON, #708 - 543 GRANVILLE ST., VANCOUVER B.C. V6C 1X8

Date Certified	Certified by (Signature)
JAN 5 1989	Mike Elson

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8901• 13

2.12023

Mining Act MINING LANDS

Instructions - Please type or print
- If number of mining claims traversed exceeds space on this form, attach a list
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns
- Do not use shaded areas below

Type of Survey(s): GEOLOGICAL

Township or Area: G 2639 ROWAN LAKE AREA

Claim Holder(s): JOHN MILES NAITE

Prospector's Licence No.: P 15032

Address: 6681 256TH ST, ALDERGROVE B.C. V0X 1A0

Survey Company: NORTHERN NATURAL RESOURCE SERVICES LTD (ATTN: M. ELSEN)

Date of Survey (from & to): Day 1 Mo. 9 Yr. 88 — Day 5 Mo. 10 Yr. 88

Total Miles of line Cut: 15.47

Name and Address of Author (of Geo Technical report): D.W TULLY, STE 1205, 555-13TH ST, W. VANCOUVER B.C. V7T 2N8

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	20
	Geochemical	

Main Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

RECEIVED JAN 23 1989 MINING LANDS SECTION

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
K	1010303	
	1010306	
	1010307	
	1010308	
	1010309	
	1010311	
	1010312	
	1010313	
	1010314	

Prefix	Number	Expend. Days Cr.

KENORA MINING DIV RECEIVED JAN 9 1989 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Expenditures (excludes power stripping)

Type of Work Performed:

Performed on Claim(s):

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work: 9

1010302

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
180	89 JAN 9	Scott Rivett
	Date Approved as Recorded	Branch Director
	See revised statement	

Date	Recorded Holder or Agent (Signature)
JAN 5 1989	M/L Elsen

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: MIKE ELSEN, #708-543 GRANVILLE ST. VANCOUVER B.C. V6C 1X8

Date Certified	Certified by (Signature)
JAN 5 1989	M/L Elsen

Ministry of Northern Development and Mines
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

DOCUMENT No. W8901.14

2.12023

Mining Act MINING LANDS

- Please type or print.
- If number of mining claims traversed exceeds space on this form, attach a list.
- Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

Type of Survey(s): ASSAYING, GEOCHEMICAL ANALYSES.

Township or Area: G 2639 ROWAN LAKE AREA.

Claim Holder(s): JOHN MILES WAITE

Prospector's Licence No.: H 13032

Address: 6681 256TH ST, ALDERGROVE B.C., V0X 1A0

Survey Company: NORTHERN NATURAL RESOURCE SERVICES LTD. (ATTN: M.S. ELSON)

Date of Survey (from & to): 1 Day | 9 Mo. | 88 Yr. | 5 Day | 10 Mo. | 88 Yr.

Total Miles of line Cut: 15.47

Name and Address of Author (of Geo-Technical report): D.W. TULLY STE. 1205, 555-15TH ST, W. VANCOUVER B.C. V7T 2N8

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical - Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Main Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical - Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

RECEIVED
JAN 23 1989
MINING LANDS SECTION

Mining Claims Traversed (List in numerical sequence)

Prefix	Number	Expend. Days Cr.
K	1010302	31.42
	1010303	31.42
	1010304	31.42
	1010305	31.42
	1010306	31.42
	1010307	31.42
	1010308	31.42
	1010309	31.42
	1010310	31.42
	1010311	31.42
	1010312	31.42
	1010313	31.42
	1010314	31.42
	1010315	31.42
	1010316	31.42
	1010317	31.42
	1010318	31.42
	1010319	31.42
	1010320	31.42
	1010321	31.42
	1010322	31.42
	1010323	31.42
	1010324	31.42

Prefix	Number	Expend. Days Cr.
K	1010325	31.42

KENORA MINING DIV. RECEIVED JAN 9 1989 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

Total number of mining claims covered by this report of work: 24

Expenditures (excludes power stripping)

Type of Work Performed: ASSAYING, GEOCHEMICAL ANALYSES.

Performed on Claim(s): K1010303, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 320, 324, 325

Calculation of Expenditure Days Credits

Total Expenditures			=	Total Days Credits
$ 11311.20	÷	15	=	754

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

1010302

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
754	89 JAN 9	
	Date Approved as Recorded: 27 Jan 89 AB	Branch Director

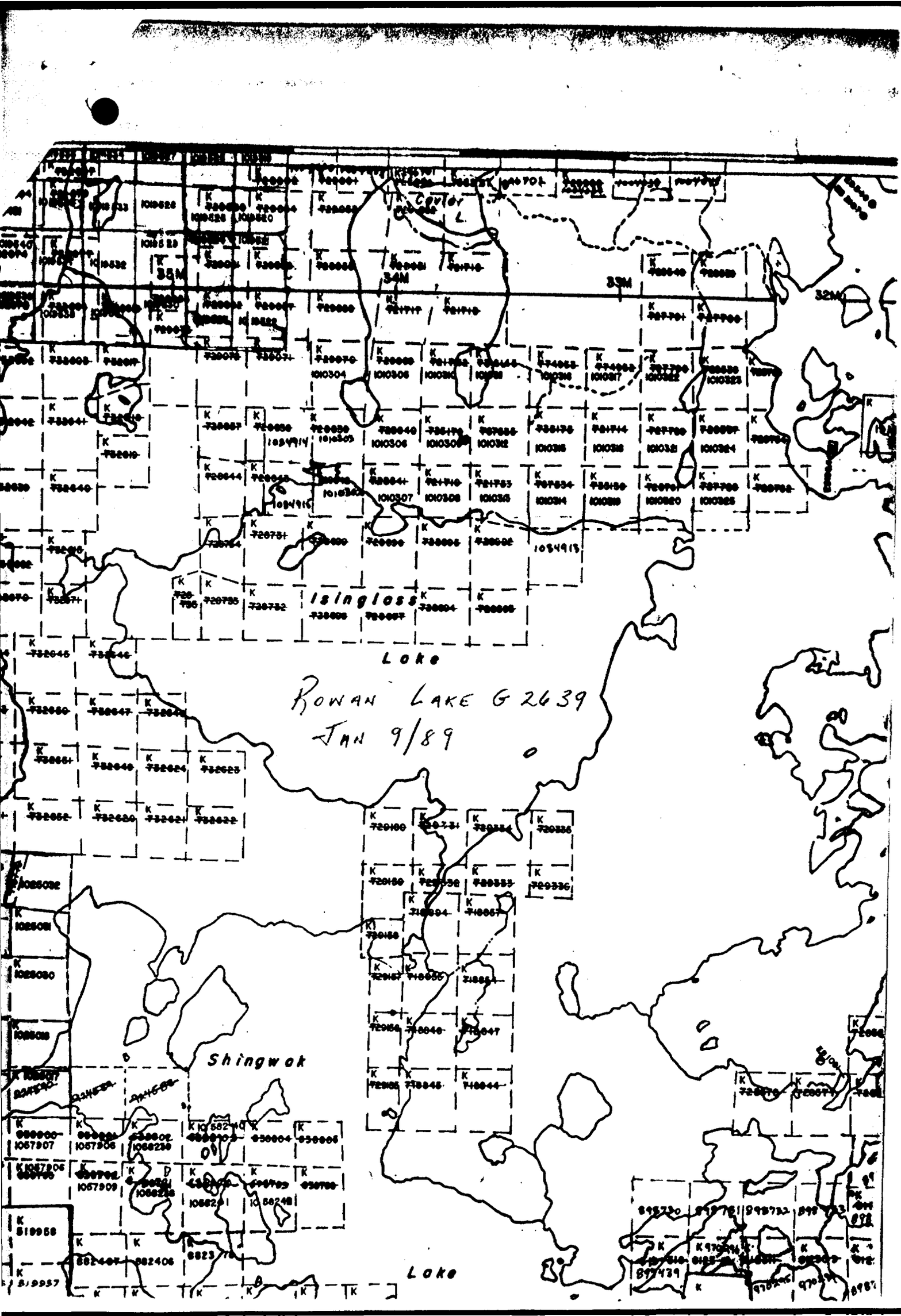
Date	Recorded Holder or Agent (Signature)
JAN 5 1989	

Certification Verifying Report of Work

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

Name and Postal Address of Person Certifying: MIKE ELSON, #708-543 GRANVILLE ST, VANCOUVER B.C. V6C 1X8

Date Certified	Certified by (Signature)
JAN 5 1989	


Taylor L.
35M
34M
33M
32M
Isinglass
Lake
ROWAN LAKE G 2639
JAN 9/89
Shingwak
Lake

VANCOUVER B.C.
January 7 1989.

Mining Lands Section,
Mineral Development and Lands Branch,
880 Bay Street,
3rd Floor,
Toronto, ONTARIO,
M5S 1Z8.

RECEIVED
JAN 9 1989
MINING LANDS SECTION

Sirs,

RE: Assessment credits, claims K1010302-K1010325,
Rowan Lake Area, Kenora Mining Division.

Subsequent to a telephone conversation with Ms. Susan Hurst of your offices, I enclose the following documents in support of assessment credits for the captioned claims:-

1. 2 copies of a geotechnical report describing the work program conducted on the claims in 1988.
2. Duplicate copies of maps of appropriate surveys.
3. Copies of Report of Work forms forwarded to the Mining Recorder in Kenora.
4. Copies of invoices and cancelled cheque for payment of assaying.

I request that the assessment credits approved for the captioned claims be apportioned equally to each claim in the group.

Yours Truly,
Mike Elson.
M.S. ELSON
*708-543 GRANVILLE ST.
Vancouver B.C. V6C 1X8
TEL: (604) 687-7733.

Any questions concerning the above matter should be directed to myself or to:
BARRY PRICE
2505 W. 1ST Avenue
Vancouver B.C. V6K 1G8
TEL: (604) 733-6902.

Vancouver B.C.
Jan 7 1989.

Mining Recorder
KENORA MINING DIVISION
808 ROBERTSON STREET
P.O. BOX 5200
KENORA ONTARIO
P9N 3X9.

RE: Assessment credits, claims K1010302-K1010325
ROWAN LAKE AREA, KENORA MINING DIVISION.

I enclose the following in support of application for assessment credits for the captioned claims:

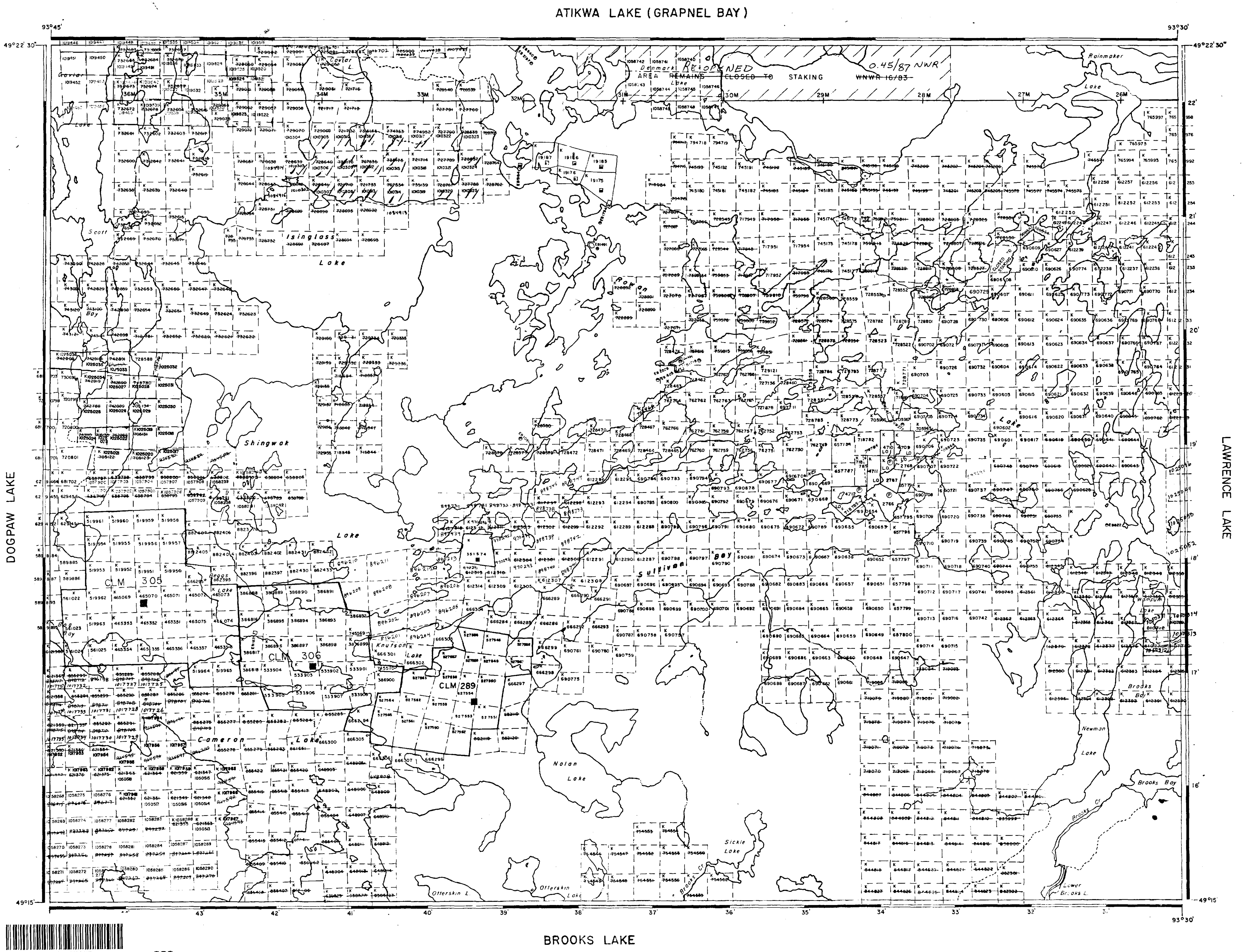
(1) Report of Work forms for appropriate surveys.
(2) Copy of letter describing documents sent to the Mining Lands Section, Toronto.

I request that assessment credits approved for the captioned claims be apportioned equally to each claim in the group.

Yours Truly,
M.S. ELSON.
#708-543 GRANVILLE ST.
VANCOUVER B.C. V6C 1X8
TEL: (604) 687-7733.

Questions concerning the above matter should be directed to myself or to:

BARRY PRICE
2505 W. 1st AVE.
Vancouver B.C.
TEL: (604) 733-6902.



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	Ⓟ or ●
" , 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 6 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

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

AREA

ROWAN LAKE

M.N.R. ADMINISTRATIVE DISTRICT

KENORA / FORT FRANCES

MINING DIVISION

KENORA

LAND TITLES / REGISTRY DIVISION

KENORA

Ministry of Natural Resources

Ministry of Northern Development and Mines

Ontario

Date SEPTEMBER 1986

Number G-2639

M-2580

52F05SE0506 2.12023 ROWAN LAKE 200

CLAIM BOUNDARY

BROAD ANOMALY

LINE 3 NOT MEASURED

RESULTS ON THIS LINE ARE UNRELIABLE BECAUSE OF SWAMP.

ANNAPOLIS OFF AIR

CUTLER OFF AIR

BPLI QTZ FLT

CAMP

OLD MILL

BASELINE "A"

ISINGLASS LAKE

LOCATION MAP

PROPERTY

ISINGLASS LAKE

0 1000 METRES

LEGEND:

- CUTLER MAINE READINGS
- ANNAPOLIS READINGS
- FIELD STRENGTH
- DIP ANGLE
- A A' CONDUCTOR DESIGNATION
- STRONG CONDUCTOR
- MODERATE CONDUCTOR
- X CONDUCTOR CROSS OVER

2.12023

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT

KENORA, ONTARIO

VLF-EM READINGS AND CONDUCTORS

SCALE 1:2500

BY: B. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.

Prepared by: RWR MINERAL GRAPHICS LTD.

CLAIM BOUNDARY

NICKEL SHOWING

GOLD SHOWING

CAMP

OLD CAMP

OLD CAMP SITE

OLD MILL

ISINGLASS LAKE

LOCATION MAP

PROPERTY

ISINGLASS LAKE

METRES

LEGEND

1. Granodiorite, Qtz. Diorite Qtz. Monzonite
2. Diorite or Gabbro.
3. Syenite, Monzonite.
4. Ultramafic, pyroxenite or amphibolite.
5. Andesite or Basalt.
6. Variolitic Basalt.

FAULT
Mineralization
Outcrop.
Trench
Pit
py - pyrite
Ep. - epidote
cp - chalcopyrite
Cu - copper
x BP1 Sample.
qtz. - quartz

2.12023

CALIBAN RESOURCES INC.
ISINGLASS LAKE PROJECT
KENORA, ONTARIO

GEOLOGY

SCALE 1:2500

BY: B. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.

Prepared by: RWR MINERAL GRAPHICS LTD.

CLAIM BOUNDARY
SWAMP
Cu - NI SHOWING
ROSEMAN-THOMPSON
GOLD SHOWING
BASELINE "A"
CAMP
ISINGLASS
LAKE
LOCATION MAP
PROPERTY
LEGEND
Cu ppm
Au ppb
GOLD CONTOUR >10ppb
COPPER CONTOUR >50ppm
VLF ANOMALY
SHOWING
MINERALIZED TREND
2.12023
CALIBAN RESOURCES INC.
ISINGLASS LAKE PROJECT
KENORA, ONTARIO
"A" GRID
GOLD - COPPER
SOIL SAMPLE RESULTS
SCALE 1:2500
BY: B. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.
Prepared by: RWR MINERAL GRAPHICS LTD.
230

TIE LINE 21 NE

1010318

1010319

1 - 1010320
2 - 1010321
3 - 1010324
4 - 1010325

BASELINE "A"

BASELINE "B" (26E)

400'W

300'W

200'W

100'W

Cu
ME 5 5996 ppm
ME 6 1008 ppm

Cu
BPI 15 34 ppm
DO 105 0.53 % Grab
DO 106 20 ppm

Tr. 5

Tr. 4

BPI 14 - 12001 ppm

Tr. 3

Tr. 2

Tr. 1

cp

850 N

800 N

700 N

600 N

500 N

400 N

300 N

225 N

TR 3 Cu
BPI 13 20185 ppm Selected
DO 107 2.55 % Grab
DO 108 71 ppm

TR 2
BPI 12 5799 ppm Selected
DO 103 0.67 % Grab
DO 104 396 ppm

TR 1
BPI 9 24912 ppm } Selected
BPI 10 20736 ppm }
BPI 11 26645 ppm
DO 101 2.74 % chip across 3m
DO 102 292 ppm

ME 4 18 ppm

QV, Cu

Cu
ME 1 136 ppm
ME 2 81 ppm
ME 3 349 ppm
BPI 32 3370 ppm
BPI 33 1656 ppm
DO 109 –
DO 110 –

BPI 17 1035 ppm
BPI 18 134 ppm
BPI 7 104 ppm
ME 7 2663 ppm

QUARTZ FLOAT

BPI 5 209 ppm Grab
BPI 6 267 ppm

ISINGLASS LAKE

LEGEND:

- x MINERALIZED OUTCROP
- TRENCH
- 30 ppm COPPER CONTOUR
- 100 ppm " "
- CLAIM POST
- 90 COPPER VALUE IN ppm

ME 7 } CALIBAN SAMPLES
BPI 9 }

DO 105 TULLY SAMPLE

2.12023

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT

KENORA, ONTARIO

"B" GRID

SOIL & ROCK

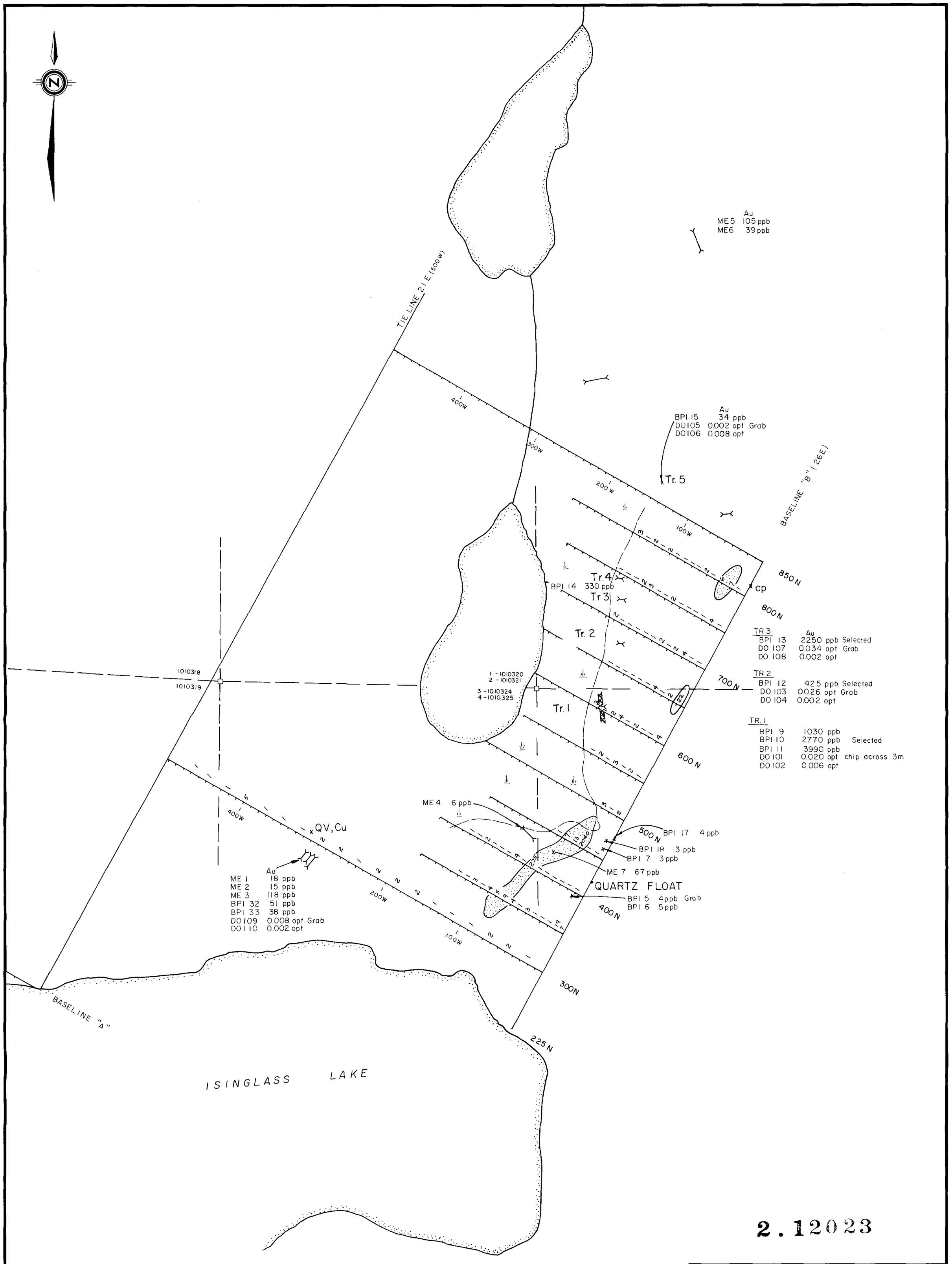
COPPER ASSAY RESULTS

0 50 100 150 200

SCALE 1:2500

BY: B. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.

Prepared by: RWR MINERAL GRAPHICS LTD.



LEGEND:

- x MINERALIZED OUTCROP
- TRENCH
- 4 ppb GOLD IN SOIL
- MINERALIZED ZONE
- CLAIM POST
- 275 GOLD VALUE IN ppb

ME 7, BPI 9 } CALIBAN SAMPLES

DO 105 TULLY SAMPLE

2.12023

CALIBAN RESOURCES INC.

ISINGLASS LAKE PROJECT

KENORA, ONTARIO

"B" GRID

SOIL & ROCK

GOLD ASSAY RESULTS

0 50 100 150 200

SCALE 1:2500

BY: B. PRICE, M.Sc. DATE: OCTOBER, 1988 FIGURE No.

Prepared by: RWR MINERAL GRAPHICS LTD.

52F05SE0506 2.12023 ROWAN LAKE