

GABRIEL RESOURCES INC.
GEOCHEMICAL SURVEY REPORT ON THE
YARDLEY LAKE (HIXON) MINERAL CLAIMS
CARIBOO MINING DIVISION
NTS 93G/~~78~~ & 8W

FEBRUARY 28, 1986

R.A. GONZALEZ, M.Sc., F.G.A.C., P.Eng.

CLAIMS COVERED

FILMED

CLAIM	UNITS	RECORD NO.	ANNIVERSARY
G 4	20	3211	13 MARCH
G 5	20	3212	16 MARCH
G 7	20	3214	16 MARCH
G 8	20	3215	16 MARCH
G 10	20	3217	16 MARCH
G 11	20	3218	16 MARCH
G 12	20	3219	16 MARCH
G 13	20	3220	13 MARCH
G 14	20	3221	16 MARCH
G 15	20	3222	16 MARCH

LOCATION: 53° 20.5' NORTH LATITUDE:
122° 23' WEST LONGITUDE:
OWNERS/OPERATORS: GABRIEL RESOURCES INC.
PROJECT MANAGERS: MARK MANAGEMENT LTD
CONSULTANT: ARCHEAN ENGINEERING LTD.
PROJECT GEOLOGIST: R.A. GONZALEZ, M.Sc., F.G.A.C., P.Eng.

PART
1 OF 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,085

**GEOCHEMICAL SURVEY REPORT ON THE
YARDLEY LAKE (HIXON) MINERAL CLAIMS
CARIBOO MINING DIVISION
NTS 93G/7E & 8W**

SUMMARY

The Yardley Lake Property is a gold prospect located 40 km (25 miles) northeast of Quesnel in Central British Columbia. The property is comprised of 23 Modified Grid Claims consisting of 442 units.

In 1985, Gabriel Resources Inc. of Vancouver, B.C. carried out a soil geochemical sampling programme in conjunction with a ground geophysical survey. Soil sampling were collected in selected areas which appeared to be underlain by either anomalous EM conductors or by areas of high magnetic response.

The sampling programme failed to outlined areas with higher than background metal values in areas underlain by geophysically anomalous reading except for one area which return spotty but anomalous values for gold, molybdenum, and zinc. Most of the property is covered by a thick blanket of glacial till and gravels which, in part, masks some of the geochemical values and probably accounts for the generally poor geochemical response in areas of strong geophysical reading.

Several strong geophysical conductors were identified after the soil sampling programme was completed. Most of these conductors were not in the areas sampled during the early phase of the geochemical programme.

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**GEOCHEMICAL SURVEY REPORT ON THE
YARDLEY LAKE (HIXON) MINERAL CLAIMS
CARIBOO MINING DIVISION
NTS 93G/7E & 8W**

1.0 INTRODUCTION

The **YARDLEY LAKE PROPERTY** is a gold prospect located in the historic Cariboo Gold District in central British Columbia. This property, comprised of 23 Modified Grid Claims consisting of 442 units, was staked to cover several areas that have had a history of placer gold production since before the beginning of this century.

The purpose of the 1985 geochemical programme was to collect soil samples in areas which appeared to be underlain by anomalous geophysical (EM and Magnetometer) conductors. A ground geophysical survey was being conducted prior to and during the soil sampling programme. The programme was supervised by Mark Management Ltd.; project geologist, R.A. Gonzalez conducted the sample collection under the direction of Consulting Geochemist, A.G. Troup of Archean Engineering Ltd.

1.1 LOCATION AND ACCESS

The **YARDLEY LAKE PROPERTY** is situated in the Cariboo Mining Division of central British Columbia. The claims are located approximately 40 km (25 miles) northeast of Quesnel, B.C. The property covers an area of approximately 110 km² which represents most of the Terry, Tom, and Naver Creek drainage basins. Yardley Lake is found near the southern boundary of the property. Most of the property consists of gently rolling plateau land except in a small section of Terry Creek where the Creek dissects thick glacial till and forms tightly incised meanders and steep canyon walls. Total relief on the property is on the order of 765 metres (2500 feet). Terrestrial co-ordinates for the centre of the claim block are as follows:

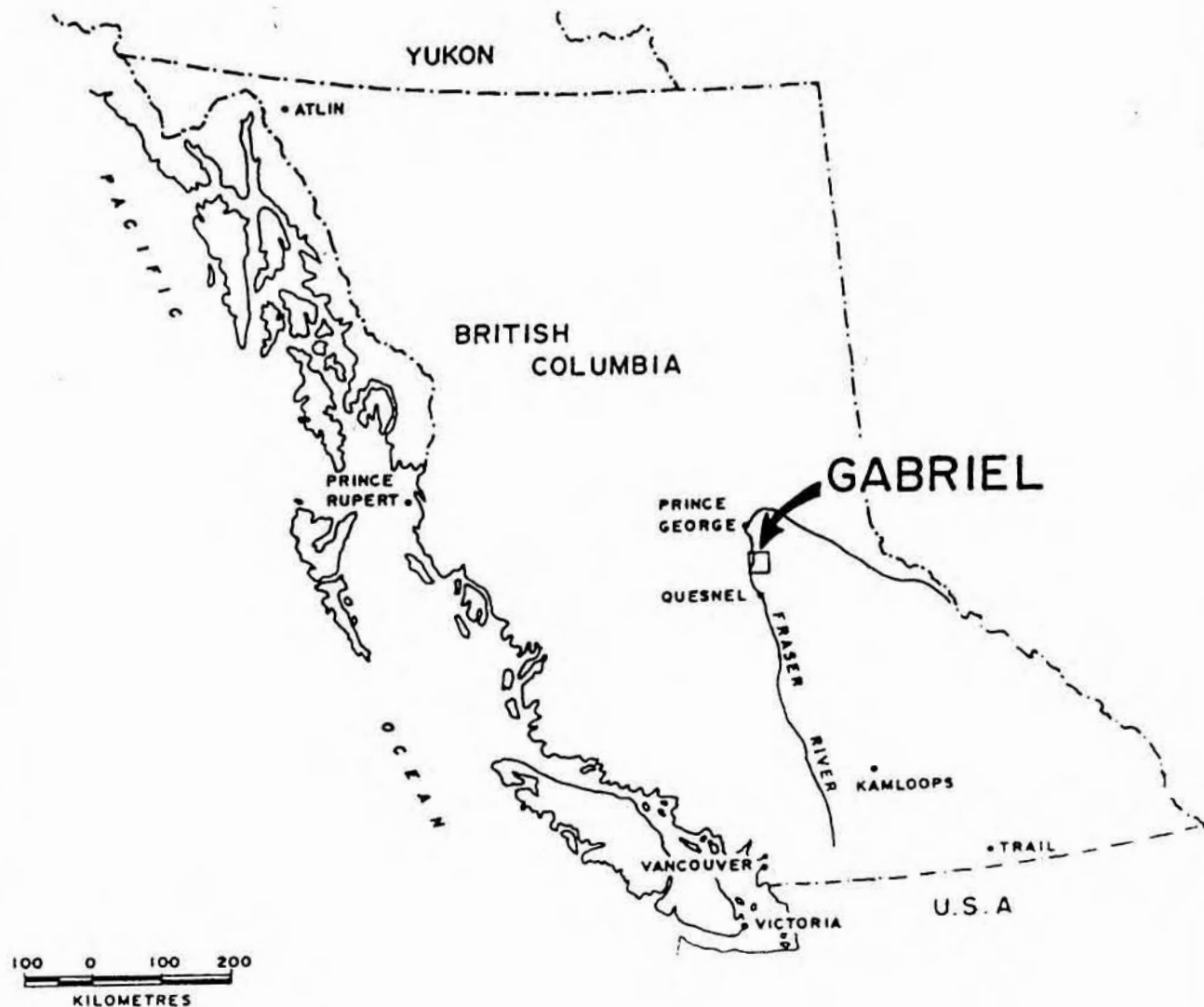
53° 22' North Latitude
122° 25' West Longitude

Access to the property is by a network of loose surfaced dry-weather logging and forestry roads. Some of these roads are kept open throughout most of the year and are used primarily for hauling cut timber. Areas for camping are limited because there are few level areas near water; however, the most frequented camping area is along the southwest shore of Yardley Lake.

GABRIEL RESOURCES INC.

LOCATION MAP

YARDLEY LAKE PROPERTY



1.2 PHYSIOGRAPHY AND CLIMATE

The **YARDLEY LAKE PROPERTY** is located approximately 40 km (25 miles) northeast of the town of Quesnel, the principal supply centre in the area. The property lies in the central portion of the province within the physiographic division known as the Interior Plateau. The Interior Plateau is bounded by the Coast Range on the west and the Cariboo and other mountain ranges on the east. The Interior Plateau is further subdivided by Holland (1964) into several plateau and highland regions. Yardley Lake lies at the north end of the Quesnel Highland subdivision which is characterized by broad, rounded mountains up to 2130 m (7000 ft) separated by broad deep valleys occupied by an irregular pattern of streams, creeks and gulches. This highland is a remnant of a dissected, upwarped, erosion surface that becomes progressively lower to the south and west.

This area is underlain mainly by folded and metamorphosed Paleozoic (and possibly younger) rocks with lesser amounts of Mesozoic rocks. Igneous intrusions of Cretaceous (?) age commonly form the prominent ridges along the mountains.

The weathering and erosion that gave rise to the dissection of the country apparently originated in early Tertiary time and extended throughout that period. In Pleistocene time a stagnant ice sheet lay over the land, removing much of the weathered mantle at higher elevations but having little effect on the placer deposits in most of the valleys.

The property is situated in a broad, gentle rolling plateau area along the east side of the Fraser River watershed. The claims are at an average elevation of 975 metres (3200 feet) with maximum relief on the order of 345 metres (1132 feet). Elevations range from 775 m (2543 ft) along Naver Creek to over 1120 m (3675 ft) on some of the ridge tops at the north end of the property.

In the southern portion of the area, the ground drains to the south by several small tributaries which merge with the west and northwest flowing Naver Creek. As the creek flows toward the Fraser River it cuts through the plateau escarpment and forms a narrow steep sided canyon with walls nearly 100 metres (330 feet) high. The walls of this canyon are composed predominantly of unsorted gravels and glacial till. The northern portion of the claims is drained by northwest and west flowing Terry Creek and its principal tributary, Tom Creek.

Much of the area has been logged at various times during the past half century and dense secondary growth is common over most of the property. In unlogged areas vegetation consists of open mature forest comprised predominantly of white and black spruce, lodgepole pine, and aspen. Less common are balsam, northern black cottonwood, and birch. Along streams and in wet areas, willow and ground birch are widespread, travel can be slow and difficult because of the dense underbrush.

The climate is typical of the rain shadow protected portions of British Columbia. Winters are cold and summers mild, with rather abrupt seasonal changes. Annual temperatures range from a maximum of about 38° C to a minimum of 50° below zero. However, it is only rarely that summer temperatures exceed 25° C, and in the winter sub-zero temperatures seldom persist for more than a week at a time. Winter weather generally commences about the first week in November, although snow may be expected at any time from late September on and generally remains after the first week of October.

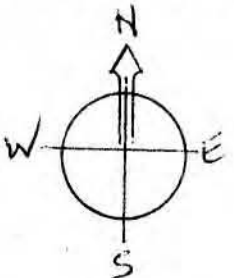
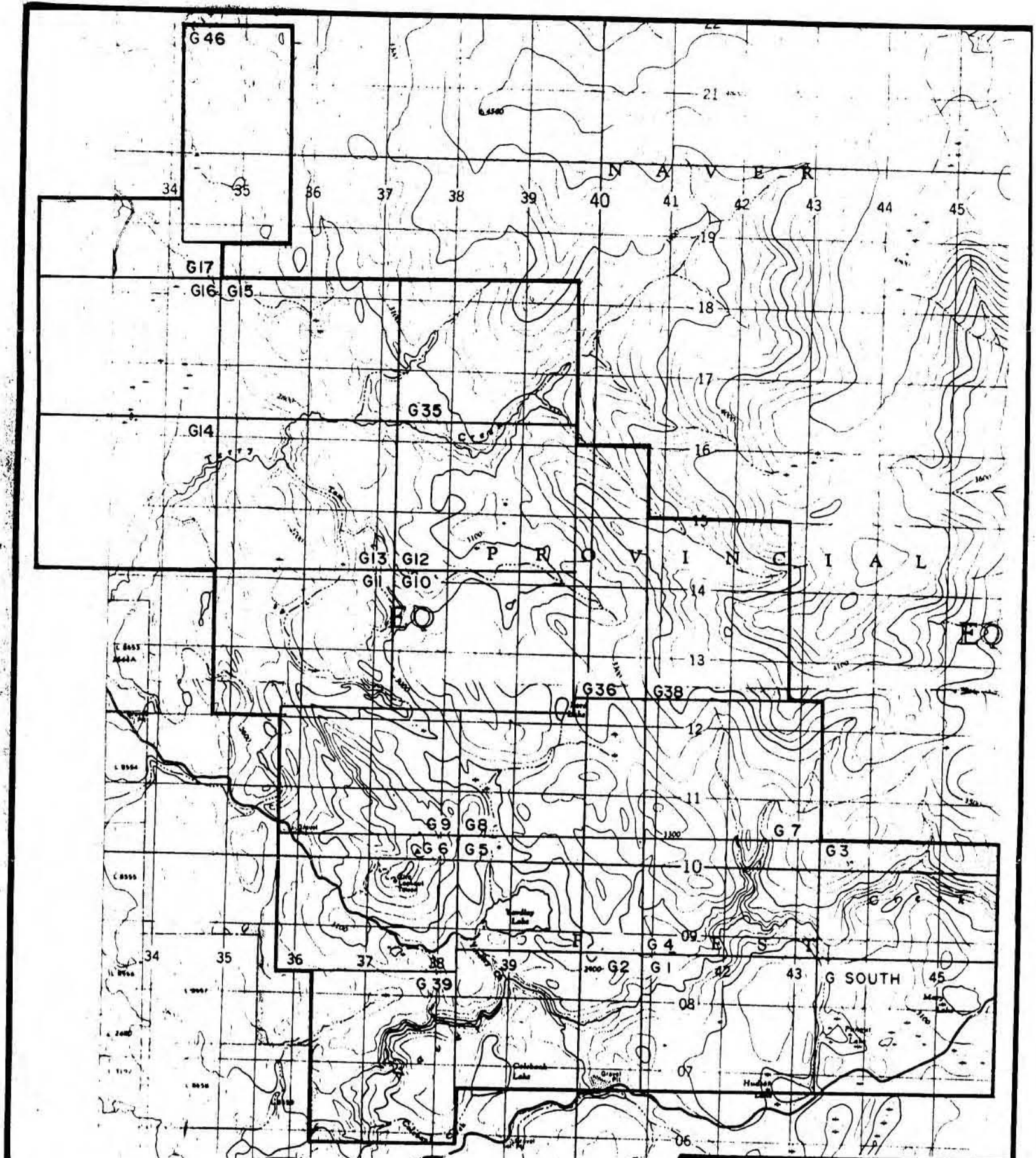
Precipitation varies considerably from year to year and ranges from 50 to 75 cm.

1.3 CLAIM INFORMATION

The property is located in the Cariboo Mining Division of central British Columbia. It is comprised of twenty three Modified Grid Claims consisting of 442 units (Figure 2) and covering an area of approximately 11000 hectares (27000 acres). Claim information is listed in TABLE I below:

TABLE I
CLAIM STATUS

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>
G SOUTH	20	3196	12 MARCH
G 1	20	3195	12 MARCH
G 2	20	3209	13 MARCH
G 3	20	3210	13 MARCH
G 4	20	3211	13 MARCH
G 5	20	3212	16 MARCH
G 6	20	3213	16 MARCH
G 7	20	3214	16 MARCH
G 8	20	3215	16 MARCH
G 9	20	3216	16 MARCH
G 10	20	3217	16 MARCH
G 11	20	3218	16 MARCH
G 12	20	3219	16 MARCH
G 13	20	3220	13 MARCH
G 14	20	3221	16 MARCH
G 15	20	3222	16 MARCH
G 16	20	3223	13 MARCH
G 17	10	3224	16 MARCH
G 35	20	3636	15 JUNE
G 36	14	3637	15 JUNE
G 38	20	3852	23 JULY
G 39	20	3853	23 JULY
G 46	18	4020	23 SEPTEMBER
	<u>442</u>		



0 666.7 m

GABRIEL RESOURCES INC.	
CLAIM MAP	
MARCH 1986	1:37500
R.A.G.	1:666 66
	FIGURE 2

1.4 HISTORY

In 1859 placer gold was discovered along the Quesnel River approximately 90 km southeast of the Yardley Lake Property. That discovery sparked the Cariboo gold rush which began in 1860 and lasted for five years. Placer discoveries made during that rush resulted in an estimated 3 million ounces of placer gold being mined in the Cariboo (Boyle, 1979). In addition, from 1933 to 1953 over 840,000 ounces of lode gold was produced from the famous Cariboo Gold Quartz Mine at Wells and the Island Mountain Mine, near Barkerville, B.C.

Placer mining for gold has been carried out along Fraser River and its eastern tributaries since the gold rush. Placer gold was discovered in Government Creek (20 km north of the Yardley Lake property) during this same period and a few years later on Terry and Tom Creeks. The area has been worked by private individuals and small companies intermittently since the original discoveries. Even today, a few local miners sporadically work the creeks; however, their placer gold production is more of a hobby than a livelihood.

Only one lode deposit has been mined in the area. The original discovery of the lode, located on Hixon Creek just north of the property, dates to the mid 1870's. This deposit was visited by G.S.C. geologist A. Bowman in 1885; however, all of the workings were flooded at the time of his visit. The Minister of Mines Annual Report (1935) reports that until its closure in the 1880's this mine produced 239 tons of ore grading about one ounce per ton. The property lay idle until 1918 when Cariboo Lode Mines, Limited optioned the property; however, over the next ten years little was done other than clearing out adits.

Quesnelle Quartz Mining Company, Ltd. obtained the property in 1933 and built a mill, dewatered the working and commenced development work. Development continued intermittently for several years, but apparently no gold was recovered during the depression years. The property has been idle is about 1939.

A reconnaissance heavy mineral concentrate sampling programme was carried out over the belt of gold producing streams by the A.T. Syndicate in 1980. Results of that survey lead to the staking of the present property.

From 1981 to the present, Gabriel Resources Inc. worked the claims through an option agreement with the A.T. Syndicate.

In 1984, an airborne electromagnetic (INPUT) and magnetic survey of the property and surrounding area was contracted to Questor. In 1985, a series of grid lines were established for follow-up ground geophysics. All conductors outlined by the airborne survey were located on the ground using a Scintrex SE 88 (Genie) EM unit. During this same period a magnetometer survey was completed along the EM grid lines, and areas of coincident magnetometer and EM anomalies were then selectively soil sampled.

2.0 GEOLOGY

2.1 GENERAL GEOLOGY

The geology of Topographic Sheet 93G was first mapped by A. Bowman of the Geological Survey of Canada in 1885-86. The area was re-mapped by H.W. Tipper, also of the G.S.C. in 1961 and updated in 1979 by Tipper, et.al. and published as Geological Atlas Series: Map 1424A - Parsnip River - B.C.

The Yardley Lake property is underlain by Early Cretaceous Naver Intrusives to the east; Lower Paleozoic Cariboo Group micaceous quartzite and black phyllites, which flank the intrusives, in the centre; and Upper Triassic-Lower Jurassic Takla Group sediments to the west. Early Tertiary volcanics consisting of andesite, basalt, breccia, and tuff with minor rhyolite are found on the west side of the property. The plateau area above the Fraser River to the west are underlain by Tertiary sandstone, slate, mudstone, conglomerate, diatomite, and lignite.

The Naver Intrusives is a multiply intruded complex consisting of quartz monzonite, syenite, monzonite, granodiorite, diorite, and quartz-feldspar porphyry dykes. Pyroxenites and serpentinites are also found associated with the intrusives. Some of the Naver Intrusives bodies intrude the Takla Group of andesite, basalt, tuff, breccia, agglomerate and argillite. A chlorite or talc schist occurs as an alteration halo where these dykes and stocks intrude the andesite or basalt.

2.2 PROPERTY GEOLOGY AND MINERALIZATION

The property is almost entirely covered by overburden consisting of glacial debris. Only in the lower portions of Tom Creek and in selected areas of Terry Creek was bedrock exposed. The only rock seen appeared to be Takla Group andesites and argillites. Both rock types are altered; the volcanics are altered to chlorite schist while the sediments appear only to have been baked and tectonically deformed. At one location the andesite is in contact with a quartz feldspar porphyry and diorite dyke; here the alteration is more intense resulting in a highly altered chloritic schist. Locally quartz veins and a narrow monzonite intrusive crosscut the andesite and argillites. Most of these veins have a strike parallel (northwest-southeast) to the dyke. Some of these veins are pyritic and have been reported to give spotty gold values.

3.0 GEOCHEMISTRY

The objective of the programme was to locate on the ground a northwest trending magnetic high and several multi-channel EM anomalies identified by the 1984 airborne geophysical survey. Once their surface expression was determined by ground geophysics, the best apparent coincident magnetic and EM anomalous were tested by soil sampling

Soil samples were collected at 50 m intervals along grid lines established for the geophysical programme. The purpose of this sampling programme was to see if there was any significant geochemical signature across the anomalous areas. Samples were collected, whenever possible, from the 'B' soil horizon. Generally the soil development is good and the desired horizon was easy to identify. Samples were collected using either a shovel or prospector's mattock and placed into Kraft wet-strength paper envelopes. After air drying for several days the samples were boxed and shipped to Chemex Labs. Ltd. in North Vancouver, B.C. A total of 157 soil and 6 rock samples were collected for analysis.

At Chemex Labs. Ltd. the samples were analyzed for 30 elements using the I.C.P. technique. In addition, gold was analyzed by standard atomic absorption after pre-concentration by Fire Assay extraction.

Results for the soil samples were tabulated for each element and are summarized in Appendix A. Because of the limited number of samples and the unusually low values, soil geochemical data were not treated statistically in order to determine background and anomalous levels.

Unfortunately areas designated for soil sampling were selected based on uncorrected geophysical data. Consequently, the strongest conductive responses were selected for sampling. As it turned out the best anomalies were often due to conductive overburden while the more subdued anomalies were true bedrock conductors. Of the five areas targeted for sampling, only one anomaly was found to be due to conductive bedrock (line 101S; 23+50E to 30+00E).

All geochemical results were generally low. The poor geochemical results are probably due to the extensive and very thick glacial drift which cover most of the property. The anomalous area, on Line 101S, did contain a few anomalous samples but did not demonstrate a distinct trend (i.e. one sample carried some gold and several were slightly anomalous with respect to Mo and Zn).

4.0 CONCLUSIONS

The extensive overburden and its great depth over the entire claim block reduces the effectiveness of soil geochemistry in outlining mineralized structures. One area underlain by a coincident magnetic high and a strong electromagnetic conductor returned sporadic geochemical values. Of thirteen soil samples collected over this anomalous area, one was anomalous with respect to gold and several were weakly anomalous with respect to Mo and Zn.

Dated at Vancouver, British Columbia, this 25th day of February, 1986

Respectfully submitted,

ARCHEAN ENGINEERING LTD.



R.A. GONZALEZ, M.Sc., F.G.A.C., P.Eng.

5.0 REFERENCES

- Boyle, R.W., 1979: The Geochemistry of Gold and its Deposits: Geological Survey of Canada, Bulletin 280, p.281, 357-359.
- Butterworth, B.P., Freeze, J.C., and Troup, A.G., 1985: Report on the Ahbau Creek Property, Cariboo Mining Division, B.C. Dept. of Mines Assessment Report.
- Holland, S. S., 1980: Placer Gold Production of British Columbia, Bulletin 28: Ministry of Energy, Mines and Petroleum Resources, pp. 89.
- Minister of Mines, Annual Reports for 1918, 1929, 1933, and 1935.
- Ridley, J.C., and Troup, A.G., 1982: G South Property, Cariboo Mining Division, Geology, Geochemistry, Geophysics, and Physical Work: B.C. Dept. of Mines Assessment Report.
- Ridley, J.C., and Troup, A.G., 1982: Report on the Geology, Geophysics & Geochemistry of the G South Property, Cariboo Mining Division, B.C. Dept. of Mines Assessment Report.
- Stockwell, C.H., 1957: Geology and Economic Minerals of Canada, Economic Geology Series No. 1: Geol. Survey of Canada Dept. of Mines and Technical Surveys, pp. 517.
- Tipper, H.W., Campbell, R.B., Taylor, G.C., and Stott, D.F., 1979: Parsnip River, B.C.: Geol. Survey of Canada, Geological Atlas.

6.0 CERTIFICATE

I, R. A. Gonzalez, do hereby certify that:

1. I am a geologist and reside at 2784 Lawson Ave., West Vancouver, British Columbia.
2. I am a graduate of The University of New Mexico, U.S.A.; with a B.Sc. in geology (1965) and a M.Sc. in geology (1968).
3. I have practiced my profession since 1965 in Canada and abroad as indicated on the following page.
4. I am a Fellow in the Geological Association of Canada; registration number F4523.
5. I am a registered member of the Association of Professional Engineers of the Province of Manitoba.
6. I have carried out the programme described herein, and I am the author of this report and solely responsible for its contents and opinions.

Dated at Vancouver, British Columbia, this 28th. day of
February 1986;



R. A. Gonzalez, M.Sc., F.G.A.C., P. Eng.

7.0 STATEMENT OF PROFESSIONAL QUALIFICATIONS

R.A. GONZALEZ, M.Sc., F.G.A.C., P.Eng.

ACADEMIC

1965	B.Sc. in Geology	The University of New Mexico, U.S.A.
1968	M.Sc. in Geology	The University of New Mexico, U.S.A.

PROFESSIONAL

1983	Archean Engineering Limited	Overseas Manager
1980-1983	Placer Development y Cia. Ltd. (Chile)	Ass't Exploration Manager
1977-1980	Consultant attached to the Geological Survey of Malaysia	Ass't Project Manager on a C.I.D.A. supported mineral exploration survey over Peninsular Malaysia
1975-1977	Province of Manitoba	Resident Geologist for the Manitoba Dept. of Mines.
1971-1975	Giant Mascot Mines Limited	Senior Geologist
1970-1971	New Jersey Zinc (Canada) Ltd.	Exploration Geologist
1968-1970	Anaconda American Brass Ltd.	Research Geologist
1965-1966	Mex-Tex Mining Co.(U.S.A)	Geologist

8.0 COSTS STATEMENT

GABRIEL RESOURCES LIMITED
G SOUTH CLAIMS (YARDLEY LAKE)
GEOPHYSICAL, GEOCHEMICAL SURVEY
19 JUNE - 13 NOVEMBER 1985

GENERAL COSTS

FOOD & ACCOMMODATION		
13.5 Man Days @ \$ 25.61/day		\$ 345.76
SUPPLIES:		686.91
FUEL:		227.07
FIXED WING:		
H-sting Travel 6-7 Aug. VCR-PGO		281.20
SHIPPING & POSTAGE:		50.75
RENTALS:		
Budget; 4wd PU, 19-24 June, 2 days @ \$98.29	196.57	
Tilden; Skylark, 6-7 Aug, 1 day	85.34	
Kangeld; 4-WD Jeep: 3 Oct.-16 Nov. 11 days @ \$43/day	473.00	
Parking	15.75	
Gabriel Field Equipment: 13.5 man days @ \$6/day	81.00	
		851.66
MAINTENANCE:		220.50
FIELD TELEPHONE SERVICE:		35.05
DRAFTING:		623.63
CONSULTANT FEES:		
Archean Engineering Ltd.		2,996.00
N.C. Carter		1,796.28
REPORT PREPARATION:		2,941.00
TOTAL GENERAL COSTS:		<u><u>\$11,055.81</u></u>

TOPOGRAPHIC MAP PRODUCTION**CONTRACTOR:**

Delta Aerial Surveys, 4 maps :2500	\$ 6,380.00
Supervision, Preparation & Coordination by Archean Engineering	<u>2,337.50</u>

TOTAL TOPOGRAPHIC MAP PRODUCTION COSTS	\$ 9,717.50
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GEOPHYSICAL SURVEY**CONTRACTOR:**

P. E. Walcott & Associates	
EM & Mag. Yardley Lake Area, 3 Oct-16 Nov	\$56,127.58
I.P. Ahbau Creek Area, 7-16 Nov.	15,805.33
Data & Report Preparation	8,780.38
Field Supervision & Coordination- Adder Expl. & Development Ltd. 5 days @ \$200/day	1,000.00
Consultant Fee- Archean Engineering Ltd	3,850.00

GENERAL COSTS APPORTIONED:

5/13.5 X 11,055.81	<u>4,094.74</u>
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TOTAL GEOPHYSICAL SURVEY COSTS	<u><u><u>\$89,658.03</u></u></u>
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GEOCHEMICAL SURVEY

CONTRACTORS:

Archean Eng. & Adder Expl & Dev., 19-24 Jun., 3 Oct-16 Nov., 8.5 man days @ \$217.65	\$ 1,850.00
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ASSAYS & ANALYSES:

Chemex Labs		
157 Soils; Au + 30 elem. ICP		
@ \$13.45ea	\$2,111.65	
6 rocks: Cu, Pb, Zn, Au, Ag @\$30.75ea	184.50	
Supplies	55.00	
		2,351.15

ROCK CUTS - VANCOUVER PETROGRAPHIC

64.50

GENERAL COSTS APPORTIONED:

8.5/13.5 x \$11,055.81	6,961.07
------------------------	----------

TOTAL GEOCHEMICAL SURVEY

\$11,226.72

TOTAL SURVEY COSTS

TOPOGRAPHIC SURVEY	\$ 9,717.50
GEOPHYSICAL SURVEY	89,658.03
GEOCHEMICAL SURVEY	11,226.72
TOTAL COST	<u><u>\$110,602.25</u></u>

APPENDIX A: SOIL SAMPLE RESULTS



Chemex Labs Ltd.

Analytical Chemists Geochemists Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO: GABRIEL RESOURCES INC.
1500 - 675 WEST HASTINGS ST.
VANCOUVER, B.C.
V6E 1N2

CERT. # : A8518158-003-A
INVOICE # : I8518158
DATE : 14-NOV-85
P.O. # : NCNE
YARDLEY LAKE

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since digestion is incomplete for many mineral values reported for Al, Sb, Ba, Be, Ca, Ga, La, Mg, K, Na, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS:
ATTN: ART TROUP

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR010848

Sample description	Au ppm	Ag ppm	Al ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Bism ppm	Ca ppm	Co ppm	Cr ppm	Cu ppm	Pb ppm	Ga ppm	K ppm	La ppm	Mg ppm	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti ppm	Tl ppm	U ppm	V ppm	W ppm	Zn ppm		
L458 10+50E	<5	1.93	0.2	<10	80	<0.5	<2	0.36	<0.5	9	57	22	2.98	<10	0.04	10	0.63	243	<1	<0.01	33	920	<2	<10	19	0.13	<10	<10	58	<10	70	--
L458 11+00E	<5	2.01	0.2	<10	90	<0.5	<2	0.33	<0.5	11	56	23	3.05	<10	0.07	10	0.68	417	<1	<0.01	35	490	<2	<10	21	0.12	<10	<10	58	<10	70	--
L458 11+50E	5	1.87	0.2	<10	90	<0.5	<2	0.42	<0.5	9	58	23	3.07	<10	0.05	10	0.61	219	<1	<0.01	31	900	<2	<10	23	0.15	<10	<10	61	<10	60	--
L948 10+00E	15	1.87	0.2	<10	100	<0.5	<2	0.35	<0.5	8	55	21	2.76	<10	0.08	10	0.67	214	<1	<0.01	21	890	<2	<10	25	0.16	<10	<10	65	<10	90	--
L948 10+50E	5	2.87	0.2	<10	110	<0.5	<2	0.41	<0.5	17	104	47	4.15	10	0.24	10	1.14	473	2	0.01	61	730	<2	<10	28	0.20	<10	<10	91	<10	90	--
L948 13+00E	<5	2.72	0.4	<10	140	<0.5	<2	0.40	0.5	18	81	94	3.70	<10	0.14	10	0.88	539	1	0.01	53	750	4	<10	30	0.14	<10	<10	81	<10	90	--
L948 13+50E	<5	1.68	0.2	<10	100	<0.5	<2	0.41	<0.5	9	50	23	2.91	<10	0.10	10	0.58	281	1	0.01	28	680	2	<10	29	0.16	<10	<10	67	<10	80	--
L948 14+00E	<5	2.39	0.4	<10	210	<0.5	<2	0.36	0.5	10	42	29	2.70	10	0.07	10	1.24	481	<1	0.01	21	2480	6	<10	36	0.14	<10	<10	54	<10	190	--
L948 15+50E	<5	1.70	0.2	<10	70	<0.5	<2	0.35	<0.5	7	47	21	1.98	<10	0.05	10	1.13	175	<1	<0.01	30	890	<2	<10	25	0.12	<10	<10	71	<10	180	--
L968 16+00E	<5	0.88	0.2	<10	80	<0.5	<2	0.38	<0.5	8	32	20	1.87	<10	0.06	10	0.26	149	1	<0.01	15	420	<2	<10	23	0.10	<10	<10	46	<10	70	--
L968 16+50E	5	1.53	0.4	<10	100	<0.5	<2	0.24	<0.5	8	47	24	2.49	<10	0.11	10	0.53	373	2	0.01	24	470	<2	<10	25	0.13	<10	<10	62	<10	80	--
L968 12+50E	<5	2.42	0.4	<10	90	<0.5	<2	0.48	<0.5	10	60	29	3.22	<10	0.11	10	0.67	264	2	0.01	40	1250	<2	<10	35	0.14	<10	<10	71	<10	110	--
L968 13+00E	<5	1.66	0.2	<10	110	<0.5	<2	0.47	0.5	9	62	25	3.20	<10	0.12	10	0.68	389	1	0.01	30	960	2	<10	36	0.15	<10	<10	78	<10	100	--
L968 13+50E	<5	1.89	0.2	<10	100	<0.5	<2	0.30	0.5	10	59	38	2.95	<10	0.12	10	0.64	399	1	0.01	33	630	<2	<10	23	0.14	<10	<10	66	<10	70	--
L968 14+00E	5	1.08	0.2	<10	100	<0.5	<2	0.40	<0.5	11	60	38	2.86	<10	0.13	10	0.71	462	1	0.01	35	500	<2	<10	30	0.14	<10	<10	64	<10	70	--
L968 14+50E	5	1.00	0.2	<10	90	<0.5	<2	0.47	<0.5	8	57	27	2.70	10	0.13	10	0.70	319	<1	<0.01	31	800	1	<10	31	0.18	<10	<10	67	<10	70	--
L968 15+00E	5	1.01	0.2	<10	70	<0.5	<2	0.45	0.5	7	45	17	1.63	<10	0.04	10	0.60	189	<1	0.01	25	360	1	<10	28	0.17	<10	<10	44	<10	40	--
L968 16+00E	<5	2.07	0.2	<10	80	<0.5	<2	0.32	<0.5	8	50	17	3.06	<10	0.06	10	0.52	195	<1	<0.01	27	820	<2	<10	21	0.14	<10	<10	60	<10	60	--
L968 16+50E	<5	1.70	0.2	<10	70	<0.5	<2	0.32	<0.5	5	42	15	2.71	<10	0.04	10	0.37	155	<1	<0.01	18	560	<2	<10	21	0.14	<10	<10	58	<10	50	--
L968 17+00E	<5	2.14	0.2	<10	110	<0.5	<2	0.40	0.5	14	62	43	3.31	<10	0.11	20	0.53	850	<1	0.01	41	720	<2	<10	36	0.13	<10	<10	67	<10	70	--
L968 17+50E	5	0.45	0.2	<10	50	<0.5	<2	0.34	<0.5	7	46	17	2.02	10	0.08	10	0.56	215	<1	0.01	25	400	<2	<10	22	0.14	<10	<10	48	<10	50	--
L968 18+00E	5	1.48	0.2	<10	80	<0.5	<2	0.38	0.5	7	45	18	2.58	<10	0.05	10	0.42	182	1	0.01	28	710	6	<10	25	0.11	<10	<10	62	<10	80	--
L968 18+50E	5	1.46	0.2	<10	80	<0.5	<2	0.27	0.5	5	45	18	1.87	<10	0.03	10	0.30	124	1	0.01	17	270	8	<10	20	0.15	<10	<10	55	<10	40	--
L968 19+00E	<5	3.98	0.2	10	140	<0.5	<2	0.44	<0.5	20	75	38	2.80	10	0.09	20	0.66	542	2	0.01	52	700	10	<10	37	0.15	<10	<10	71	<10	90	--
L968 19+50E	<5	2.27	0.2	10	90	<0.5	<2	0.36	<0.5	12	67	26	3.09	10	0.07	10	0.64	455	1	0.01	38	490	10	<10	28	0.16	<10	<10	78	<10	70	--
L968 20+00E	<5	2.18	0.2	10	110	<0.5	<2	0.43	<0.5	10	60	19	3.19	10	0.09	10	0.44	239	1	0.01	33	1100	6	<10	33	0.17	<10	<10	70	<10	100	--
L968 20+50E	5	1.88	0.2	10	100	<0.5	<2	1.57	<0.5	10	60	16	3.19	10	0.08	10	0.46	375	1	0.01	34	1730	6	<10	37	0.14	<10	<10	70	<10	110	--
L968 21+00E	15	2.12	0.2	10	90	<0.5	<2	0.47	<0.5	11	66	21	3.01	10	0.05	10	0.52	355	<1	0.01	35	720	4	<10	35	0.18	<10	<10	68	<10	80	--
L968 21+50E	15	1.37	0.2	10	100	<0.5	<2	1.57	<0.5	11	61	20	2.11	<10	0.08	10	0.49	629	<1	<0.01	29	500	3	<10	36	0.12	<10	<10	50	<10	50	--
L968 22+00E	<5	1.72	0.2	10	80	<0.5	<2	0.42	<0.5	13	55	19	2.19	<10	0.06	10	0.59	447	<1	0.01	32	410	8	<10	28	0.14	<10	<10	55	<10	50	--
L968 22+50E	<5	1.19	0.2	10	120	<0.5	<2	0.36	<0.5	8	48	15	2.21	<10	0.05	10	0.43	321	<1	0.01	25	560	9	<10	24	0.15	<10	<10	54	<10	60	--
L968 23+00E	<5	1.31	0.2	<10	60	<0.5	<2	0.33	<0.5	8	45	15	1.89	<10	0.05	10	0.44	208	<1	<0.01	25	380	4	<10	21	0.14	<10	<10	46	<10	70	--
L968 23+50E	5	1.52	0.2	10	80	<0.5	<2	0.43	0.5	8	57	23	2.34	<10	0.08	10	0.59	354	<1	0.01	22	550	9	<10	27	0.15	<10	<10	55	<10	50	--
L968 24+00E	5	1.47	0.2	10	80	<0.5	<2	0.24	<0.5	8	40	13	2.05	10	0.03	10	0.24	130	<1	<0.01	18	470	6	<10	19	0.10	<10	<10	50	<10	40	--
L968 24+50E	5	1.28	0.2	10	100	<0.5	<2	1.46	<0.5	8	41	12	1.52	10	0.06	10	0.22	455	1	<0.01	15	430	9	<10	17	0.12	<10	<10	48	<10	40	--
L968 25+00E	<5	1.69	0.2	10	110	<0.5	<2	0.61	<0.5	13	74	29	2.73	10	0.16	20	0.68	396	1	0.01	39	640	8	<10	39	0.21	<10	<10	74	<10	50	--
L968 25+50E	<5	1.22	0.2	10	90	<0.5	<2	0.36	<0.5	6	42	12	1.82	10	0.05	10	0.35	186	1	0.01	17	340	8	<10	27	0.16	<10	<10	49	<10	40	--
L968 26+00E	<10	2.20	0.4	10	90	<0.5	<2	0.32	<0.5	7	59	51	1.91	10	0.05	10	0.38	154	2	0.01	31	780	12	<10	26	0.09	<10	<10	47	<10	40	--
L968 26+50E	10	2.24	0.2	10	80	<0.5	<2	0.36	0.5	11	66	25	2.18	10	0.09	10	0.65	340	2	0.01	36	500	10	<10	19	0.13	<10	<10	70	<10	50	--
L968 27+00E	5	0.81	0.4	10	100	<0.5	<2	0.40	0.5	11	60	27	2.57	10	0.08	10	0.30	534	1	0.01	28	820	10	<10	27	0.17	<10	<10	61	<10	50	--

Certified by: *Hart Buchler*



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CERTIFICATE OF ANALYSIS

TO : GABRIEL RESOURCE INC.
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VANCOUVER, B.C.
V6Z 1M6

CERT. # : A8518158-001-A
INVOICE # : 10518158
DATE : 14-NOV-85
P.L. # : NONE
YARDLEY LAKE

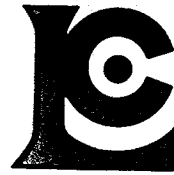
Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Ga, La, Mg, Na, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: ART TROUP

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR201090

Sample description	Al	As	Ba	Be	Bi	Ca	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn				
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm				
L17S 4+00E	<5	1.63	0.2	10	80	<0.5	<2	0.47	<0.5	10	53	20	2.41	<10	0.05	10	0.65	355	<1	0.01	33	690	4	<10	28	0.16	<10	<10	60	<10	50	--
L17S 4+50E	<5	3.70	0.4	10	150	<0.5	<2	0.43	<0.5	17	99	41	3.91	10	0.12	10	0.83	516	<1	0.01	65	800	2	<10	31	0.14	<10	<10	73	<10	110	--
L17S 5+00E	<5	1.85	0.2	<10	80	<0.5	<2	0.42	<0.5	9	51	16	2.25	<10	0.06	10	0.51	275	<1	0.01	30	560	8	<10	28	0.15	<10	<10	53	<10	70	--
L17S 5+50E	<5	1.45	0.2	<10	110	<0.5	<2	0.41	<0.5	8	41	13	2.01	<10	0.06	10	0.37	378	<1	0.01	22	920	4	<10	29	0.14	<10	<10	51	<10	51	--
L17S 6+00E	<5	1.88	0.4	10	110	<0.5	<2	0.36	<0.5	13	51	28	2.20	<10	0.07	10	0.47	897	1	0.01	32	770	6	<10	28	0.11	<10	<10	49	<10	50	--
L17S 6+50E	<5	2.08	0.2	10	110	<0.5	<2	0.38	<0.5	13	55	34	2.61	<10	0.09	10	0.59	444	<1	0.01	37	830	12	<10	29	0.11	<10	<10	54	<10	80	--
L17S 7+00E	<5	1.26	0.2	<10	70	<0.5	<2	0.38	<0.5	8	39	13	1.97	<10	0.06	10	0.42	188	<1	<0.01	25	560	6	<10	22	0.14	<10	<10	47	<10	50	--
L17S 7+50E	<5	2.36	0.4	<10	90	<0.5	<2	0.30	<0.5	13	50	17	2.84	<10	0.04	10	0.42	175	<1	<0.01	41	840	6	<10	18	0.14	<10	<10	59	<10	70	--
L17S 8+00E	<5	0.72	0.4	10	170	<0.5	<2	0.44	<0.5	17	66	25	3.45	<10	0.06	10	0.59	212	<1	0.01	59	1550	10	<10	30	0.14	<10	<10	69	<10	130	--
L17S 8+50E	<5	1.68	0.2	<10	170	<0.5	<2	0.58	<0.5	9	60	14	2.84	<10	0.06	10	0.41	211	<1	0.01	23	1490	4	<10	42	0.16	<10	<10	69	<10	120	--
L18S 0+50E	<5	0.10	0.2	60	150	<0.5	<2	0.20	3.0	25	43	387	32.48	<10	0.14	10	0.19	285	15	<0.01	121	5970	<2	<10	28	0.01	<10	<10	120	<10	690	--
L18S 1+00E	<5	2.39	0.4	10	250	<0.5	<2	0.59	6.0	36	116	96	5.19	<10	0.32	20	0.69	1146	1	0.01	71	730	16	<10	55	0.07	<10	<10	82	<10	370	--
L18S 1+50E	<5	2.34	2.2	30	170	<0.5	<2	0.84	14.5	61	124	228	3.14	10	0.17	40	0.58	1185	1	0.02	70	990	10	<10	59	0.10	<10	<10	57	<10	260	--
L18S 2+00E	<5	1.03	0.2	<10	100	<0.5	<2	0.40	<0.5	5	29	5	1.46	<10	0.05	10	0.22	128	<1	<0.01	14	1060	6	<10	25	0.10	<10	<10	35	<10	30	--
L18S 3+50E	<5	2.08	0.2	10	120	<0.5	<2	0.50	<0.5	17	99	23	3.51	10	0.09	20	0.81	322	<1	0.01	56	480	10	<10	33	0.16	<10	<10	39	<10	60	--
L18S 3+00E	<5	1.87	0.2	10	80	<0.5	<2	0.42	<0.5	11	49	15	2.40	<10	0.08	20	0.47	233	<1	0.01	34	580	8	<10	24	0.14	<10	<10	51	<10	40	--
L18S 3+50E	<5	1.17	0.2	20	80	<0.5	<2	0.43	<0.5	11	54	17	2.32	<10	0.10	10	0.46	283	<1	0.01	31	490	6	<10	27	0.14	<10	<10	53	<10	40	--
L18S 4+00E	<5	1.37	0.2	10	80	<0.5	<2	0.44	<0.5	13	53	27	2.71	<10	0.08	10	0.55	243	<1	<0.01	34	400	6	<10	29	0.15	<10	<10	65	<10	40	--
L18S 4+50E	<5	1.07	0.2	<10	70	<0.5	<2	0.28	<0.5	6	32	10	1.41	<10	0.03	10	0.30	210	<1	<0.01	18	300	6	<10	16	0.11	<10	<10	37	<10	50	--
L19S 0+00E	<5	1.60	0.2	<10	80	<0.5	<2	0.39	<0.5	9	115	28	1.73	10	0.19	50	0.46	224	<1	0.01	32	430	10	<10	27	0.14	<10	<10	55	<10	50	--
L19S 1+00E	<5	1.87	0.2	10	130	<0.5	<2	0.56	<0.5	17	59	35	3.43	<10	0.15	10	0.79	546	<1	0.01	42	980	6	<10	36	0.14	<10	<10	52	<10	30	--
L19S 1+50E	<5	1.10	0.2	<10	70	<0.5	<2	0.58	<0.5	14	68	30	2.69	<10	0.10	10	0.67	466	<1	0.01	42	1040	6	<10	30	0.11	<10	<10	58	<10	40	--
L19S 2+00E	<5	1.36	0.2	10	50	<0.5	<2	0.29	<0.5	12	32	22	2.59	<10	0.14	10	0.54	341	<1	<0.01	37	720	8	<10	21	0.11	<10	<10	34	<10	40	--
L19S 2+50E	<5	1.31	0.2	<10	120	<0.5	<2	0.42	<0.5	9	52	17	2.14	<10	0.08	10	0.55	291	<1	<0.01	30	430	10	<10	29	0.12	<10	<10	53	<10	50	--
L19S 3+00E	<5	1.68	0.2	10	80	<0.5	<2	0.43	<0.5	15	65	27	2.99	<10	0.13	10	0.66	354	<1	<0.01	40	1060	12	<10	27	0.14	<10	<10	65	<10	60	--
L19S 3+50E	<5	1.01	0.2	<10	60	<0.5	<2	0.44	<0.5	14	47	17	2.39	<10	0.06	10	0.38	379	<1	<0.01	26	720	8	<10	24	0.12	<10	<10	58	<10	30	--
L19S 4+00E	<5	0.96	0.2	10	50	<0.5	<2	0.34	<0.5	7	35	9	1.74	<10	0.05	10	0.28	155	<1	<0.01	20	570	4	<10	20	0.12	<10	<10	41	<10	30	--
L20S 0+00E	<5	1.94	0.2	<10	110	<0.5	<2	0.32	<0.5	8	28	8	1.60	<10	0.01	10	0.25	464	<1	<0.01	16	640	6	<10	18	0.11	<10	<10	41	<10	60	--
L20S 0+50E	<5	1.98	0.2	<10	80	<0.5	<2	0.45	<0.5	13	49	24	2.51	<10	0.05	10	0.52	322	<1	0.01	30	590	8	<10	24	0.13	<10	<10	59	<10	40	--
L20S 1+00E	<5	2.08	0.2	20	120	<0.5	<2	0.65	0.5	14	98	59	2.98	10	0.10	10	0.47	195	1	0.01	46	770	8	<10	50	0.17	<10	<10	89	<10	50	--
L20S 1+50E	<5	2.46	0.2	20	140	<0.5	<2	0.79	<0.5	17	83	41	3.21	10	0.09	20	0.70	629	1	0.01	53	790	12	<10	55	0.13	<10	<10	70	<10	60	--
L20S 2+00E	<10	1.43	0.2	10	90	<0.5	<2	0.58	<0.5	17	77	32	3.00	10	0.12	20	0.72	552	1	0.01	50	890	10	<10	38	0.13	<10	<10	65	<10	40	--
L20S 2+50E	<5	1.37	0.2	10	30	<0.5	<2	0.73	<0.5	19	95	38	3.47	10	0.15	20	0.92	544	1	0.01	54	950	14	<10	48	0.15	<10	<10	74	<10	60	--
L20S 3+00E	<5	1.27	0.2	10	90	<0.5	<2	0.50	<0.5	10	45	28	2.18	<10	0.07	20	0.44	330	<1	<0.01	32	530	10	<10	33	0.11	<10	<10	49	<10	30	--
L20S 3+50E	<5	1.74	0.2	20	120	<0.5	<2	1.30	<0.5	16	66	33	4.32	<10	0.08	10	0.57	381	<1	0.01	42	530	8	<10	55	0.14	<10	<10	38	<10	30	--
L20S 4+00E	<5	1.59	0.2	10	100	<0.5	<2	0.65	<0.5	15	59	30	3.12	10	0.16	20	0.65	540	1	0.01	46	950	10	<10	35	0.14	<10	<10	64	<10	50	--
L21S 16+50E	<5	1.18	0.2	<10	30	<0.5	<2	0.38	<0.5	8	44	11	2.10	10	0.03	20	0.28	144	<1	<0.01	20	730	10	<10	17	0.15	<10	<10	50	<10	30	--
L21S 17+00E	<5	1.08	0.2	<10	50	<0.5	<2	0.50	<0.5	7	60	12	1.84	<10	0.04	10	0.43	151	1	0.01	30	240	6	<10	28	0.14	<10	<10	49	<10	20	--
L21S 17+50E	<5	1.14	0.2	10	40	<0.5	<2	0.34	<0.5	8	54	12	2.04	<10	0.05	10	0.40	151	<1	<0.01	31	650	8	<10	30	0.10	<10	<10	48	<10	20	--
L21S 18+00E	<5	2.25	0.2	10	130	<0.5	<2	0.34	<0.5	21	64	23	3.11	<10	0.04	10	0.51	203	1	<0.01	56	870	10	<10	19	0.14	<10	<10	56	<10	30	--



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CERTIFICATE OF ANALYSIS

TO : GAPPISL RESOURCES INC.

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CERT. # : A218158-002-A
INVOICE # : I3518158
DATE : 14-NOV-85
P.O. # : NONE
YARDLEY LAKE

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Er, Ga, La, Mg, N, Na, Sr, Tl, U and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: ART TROUP

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR200940

Sample description	Au	Ag	Al	As	Ba	Be	Bi	Ca	Co	Cr	Cu	Fe	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	Tl	U	V	W	Zn		
	ppb	ppb	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm			
L21S 18+50E	<5	1.65	0.2	10	110	<0.5	<2	0.48	<0.5	12	77	13	2.79	10	0.06	10	0.53	298	1	<0.01	48	1010	8	<10	32	0.15	<10	<10	65	<10	50	--
L21S 19+00E	<5	2.39	0.2	10	80	<0.5	<2	0.45	<0.5	18	86	15	3.56	10	0.05	20	0.63	221	1	<0.01	62	1670	8	<10	25	0.16	<10	<10	74	<10	70	--
L21S 19+50E	5	1.99	0.2	10	90	<0.5	<2	0.45	<0.5	14	84	26	2.99	10	0.06	10	0.53	246	1	<0.01	53	660	9	<10	25	0.15	<10	<10	65	<10	50	--
L22S 18+50E	<5	1.56	0.2	10	70	<0.5	<2	0.47	<0.5	8	52	8	2.25	10	0.08	20	0.55	268	1	0.01	31	550	12	<10	28	0.14	<10	<10	47	<10	45	--
L22S 17+00E	<5	1.47	0.2	10	60	<0.5	<2	0.43	<0.5	9	51	12	2.30	10	0.06	20	0.47	195	<1	<0.01	31	570	8	<10	26	0.13	<10	<10	50	<10	40	--
L22S 17+50E	<5	1.59	0.2	<10	70	<0.5	<2	0.62	<0.5	20	59	21	3.37	10	0.06	10	0.58	486	<1	<0.01	36	940	6	<10	31	0.20	<10	<10	78	<10	80	--
L22S 18+00E	<5	2.30	0.2	20	210	<0.5	<2	0.60	0.5	21	127	20	4.68	10	0.26	20	0.95	649	1	<0.01	75	1790	14	<10	58	0.20	<10	<10	80	<10	110	--
L22S 18+50E	<5	2.63	0.2	10	180	<0.5	<2	0.36	<0.5	14	92	29	5.17	10	0.06	10	0.49	219	1	<0.01	55	690	12	<10	34	0.18	<10	<10	139	<10	60	--
L22S 19+00E	<5	2.26	0.2	10	90	<0.5	<2	0.35	<0.5	17	62	12	3.12	10	0.04	10	0.42	315	1	<0.01	48	1530	8	10	20	0.14	<10	<10	62	<10	120	--
L22S 19+50E	<5	2.00	0.2	10	120	<0.5	<2	0.74	<0.5	9	40	24	1.98	20	0.11	10	0.64	287	1	<0.01	27	720	12	<10	35	0.26	<10	<10	45	<10	45	--
L22S 16+50E	<5	1.12	0.2	10	70	<0.5	<2	0.56	<0.5	12	61	12	2.54	10	0.11	40	0.55	447	<1	<0.01	42	910	12	<10	28	0.12	10	10	52	<10	40	--
L22S 17+00E	<5	1.18	0.2	10	70	<0.5	<2	0.48	<0.5	14	67	12	2.65	10	0.14	30	0.52	457	1	0.01	41	780	12	<10	26	0.12	<10	<10	53	<10	40	--
L22S 17+50E	45	1.42	0.2	10	100	<0.5	<2	0.67	<0.5	16	75	15	3.03	10	0.18	40	0.67	585	1	0.01	52	1000	14	<10	37	0.13	<10	<10	59	<10	60	--
L22S 18+00E	<5	1.94	0.2	20	120	<0.5	<2	0.75	<0.5	19	67	30	3.72	10	0.09	10	0.82	519	1	0.01	64	940	12	<10	40	0.15	<10	<10	76	<10	60	--
L22S 18+50E	5	2.09	0.2	10	90	<0.5	<2	0.32	<0.5	12	62	8	3.12	10	0.06	20	0.46	189	1	0.01	46	720	12	<10	26	0.13	<10	<10	58	<10	45	--
L22S 19+00E	<5	2.92	0.2	20	30	<0.5	<2	0.48	<0.5	27	247	7	3.37	10	0.02	10	1.67	277	1	<0.01	156	640	18	<10	35	0.28	<10	<10	62	<10	45	--
L22S 19+50E	5	1.42	0.2	10	100	<0.5	<2	0.44	<0.5	11	53	7	3.93	10	0.37	30	0.77	285	1	0.01	47	1250	14	<10	25	0.16	<10	<10	51	<10	30	--
L42S 8+50E	5	2.56	0.2	10	120	<0.5	<2	0.49	<0.5	16	61	6	3.79	10	0.04	10	0.39	198	1	0.01	43	2250	12	<10	29	0.14	<10	<10	78	<10	90	--
L42S 9+00E	<5	1.32	0.2	10	130	<0.5	<2	0.50	<0.5	8	52	10	2.30	10	0.07	10	0.41	186	1	<0.01	25	1220	12	<10	33	0.15	<10	<10	54	<10	40	--
L42S 10+50E	5	1.39	0.2	10	100	<0.5	<2	0.46	<0.5	7	46	13	2.40	10	0.05	10	0.37	204	1	0.01	21	1190	10	<10	30	0.15	<10	<10	58	<10	60	--
L42S 11+00E	<5	2.18	0.2	20	120	<0.5	<2	0.30	<0.5	9	61	15	4.45	10	0.05	<10	0.47	185	1	<0.01	20	4280	16	<10	20	0.34	<10	<10	66	<10	120	--
L42S 11+50E	<5	1.97	0.2	10	130	<0.5	<2	0.36	<0.5	8	47	9	3.75	10	0.04	10	0.26	221	1	<0.01	17	2240	12	<10	24	0.13	<10	<10	62	<10	110	--
L42S 9+50E	<5	1.41	0.4	10	100	<0.5	<2	0.53	<0.5	10	55	14	2.66	10	0.06	20	0.51	303	1	0.01	28	780	14	<10	32	0.14	<10	<10	58	<10	30	--
L42S 9+00E	<5	1.49	0.2	10	120	<0.5	<2	0.62	<0.5	10	52	11	2.69	10	0.05	20	0.52	324	1	0.01	30	1170	14	<10	34	0.14	<10	<10	59	<10	60	--
L42S 9+50E	<5	1.12	0.2	10	90	<0.5	<2	0.49	<0.5	8	44	9	2.21	10	0.05	10	0.39	308	1	<0.01	25	660	12	<10	26	0.14	<10	<10	55	<10	30	--
L42S 10+00E	<5	1.74	0.2	20	80	<0.5	<2	0.44	<0.5	11	54	15	2.62	10	0.06	10	0.56	317	1	0.01	35	640	12	<10	26	0.15	<10	<10	58	<10	50	--
L42S 10+50E	<5	2.00	0.2	10	90	<0.5	<2	0.44	<0.5	11	52	11	3.25	10	0.02	10	0.41	246	1	<0.01	31	850	14	<10	26	0.14	<10	<10	55	<10	70	--
L42S 11+00E	<5	1.47	0.2	10	80	<0.5	<2	0.44	<0.5	8	44	14	2.37	10	0.02	10	0.49	200	1	0.01	29	670	12	<10	27	0.15	<10	<10	57	<10	50	--
L42S 11+50E	5	1.62	0.2	20	120	<0.5	<2	0.55	<0.5	10	59	18	3.45	10	0.05	10	0.55	386	1	0.01	31	970	14	<10	35	0.15	<10	<10	34	<10	50	--
L44S 8+50E	<5	1.48	0.2	10	110	<0.5	<2	0.69	<0.5	12	64	18	2.82	10	0.07	20	0.60	372	1	0.01	38	560	16	<10	38	0.17	<10	<10	69	<10	50	--
L44S 9+00E	<5	2.00	0.2	10	80	<0.5	<2	0.47	<0.5	11	56	10	3.22	10	0.04	10	0.48	214	1	0.01	34	2430	12	<10	26	0.13	<10	<10	60	<10	70	--
L44S 9+50E	<5	1.47	0.2	10	70	<0.5	<2	0.44	<0.5	11	57	12	2.66	10	0.04	20	0.45	192	1	0.01	35	580	16	<10	25	0.15	<10	<10	64	<10	40	--
L44S 10+00E	5	2.70	0.2	10	100	<0.5	<2	0.47	<0.5	15	74	16	3.65	10	0.04	10	0.64	261	2	0.01	49	930	14	<10	26	0.19	<10	<10	75	<10	30	--
L44S 10+50E	<5	1.60	0.2	<10	80	<0.5	<2	0.38	<0.5	8	51	17	2.68	<10	0.06	10	0.52	249	<1	<0.01	27	850	<2	<10	23	0.14	<10	<10	58	<10	50	--
L44S 11+00E	5	1.36	0.2	<10	80	<0.5	<2	0.48	<0.5	8	47	16	2.42	<10	0.04	10	0.38	184	<1	<0.01	21	1390	<2	<10	29	0.13	<10	<10	55	<10	30	--
L44S 11+50E	<5	1.36	0.2	<10	100	<0.5	<2	0.36	<0.5	5	41	14	2.18	<10	0.04	10	0.40	167	<1	<0.01	17	1680	<2	<10	22	0.13	<10	<10	48	<10	40	--
L45S 8+25E	<5	1.84	0.2	<10	120	<0.5	<2	0.42	<0.5	12	55	37	3.09	<10	0.10	10	0.69	621	<1	<0.01	36	660	<2	<10	35	0.10	<10	<10	55	<10	70	--
L45S 9+00E	<5	1.50	0.2	<10	90	<0.5	<2	0.41	<0.5	8	48	13	2.34	<10	0.06	10	0.41	256	<1	<0.01	22	1110	<2	<10	22	0.13	<10	<10	49	<10	50	--
L45S 9+50E	<5	1.32	0.2	<10	80	<0.5	<2	0.42	<0.5	7	52	19	2.45	<10	0.06	10	0.51	185	<1	<0.01	26	610	<2	<10	25	0.14	<10	<10	58	<10	40	--
L45S 10+00E	5	1.36	0.2	<10	80	<0.5	<2	0.38	<0.5	7	48	16	1.82	<10	0.06	10	0.48	202	<1	<0.01	22	570	4	<10	26	0.13	<10	<10	42	<10	30	--

Certified by: *Art Troup*



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CERTIFICATE OF ANALYSIS

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CERT. # : A8518515 001-A
INVOICE # : I8518515
DATE : 28-NOV-88
P.O. # : NONE
YARDLEY LAKE

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Ti, U and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: ART TROUP

SYSTEMS BUSINESS FORMS LIMITED VANCOUVER TR000840

Sample description	Au ppb EA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Mg %	Nr ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
L100S 13+00E	<5	2.21	0.2	<10	130	<0.5	<2	0.43	<0.5	15	65	40	2.89	<10	0.11	10	0.77	420	0.01	42	430	8	<10	31	0.15	<10	<10	83	<10	110	--	
L100S 13+50E	<5	2.47	0.6	<10	130	<0.5	<2	0.33	1.0	15	60	54	2.98	<10	0.06	10	0.58	400	0.01	49	710	8	<10	28	0.10	<10	<10	51	<10	90	--	
L100S 14+00E	<5	1.70	0.4	<10	150	<0.5	<2	0.34	0.5	7	52	13	3.42	<10	0.03	10	0.40	170	0.01	19	2230	8	<10	29	0.13	<10	<10	72	<10	80	--	
L100S 14+50E	<5	1.34	0.2	<10	70	<0.5	<2	0.28	<0.5	6	47	16	2.44	<10	0.06	10	0.45	192	1	0.01	21	330	8	<10	21	0.16	<10	<10	65	<10	50	--
L100S 15+00E	<5	1.29	0.2	<10	60	<0.5	<2	0.40	<0.5	7	45	14	2.34	<10	0.04	10	0.45	206	1	0.01	23	630	8	<10	26	0.13	<10	<10	59	<10	70	--
L100S 15+50E	<5	1.43	0.2	<10	120	<0.5	<2	0.42	<0.5	8	52	22	2.77	<10	0.06	20	0.47	290	<1	0.01	24	1000	10	<10	27	0.14	<10	<10	68	<10	70	--
L100S 16+00E	<5	1.54	0.2	<10	80	<0.5	<2	0.33	<0.5	7	52	16	2.32	<10	0.06	10	0.49	223	0.01	27	370	8	<10	22	0.14	<10	<10	59	<10	50	--	
L100S 16+50E	<5	1.10	0.2	<10	80	<0.5	<2	0.35	<0.5	5	36	13	1.86	<10	0.04	10	0.28	279	0.01	15	830	10	<10	22	0.11	<10	<10	47	<10	50	--	
L100S 17+00E	<5	1.45	0.2	<10	70	<0.5	<2	0.43	<0.5	9	50	22	2.33	<10	0.12	20	0.59	304	0.01	27	600	10	<10	30	0.15	<10	<10	59	<10	50	--	
L100S 17+50E	<5	1.61	0.2	<10	90	<0.5	<2	0.44	<0.5	10	50	20	2.33	<10	0.07	20	0.59	327	1	0.01	27	320	10	<10	33	0.18	<10	<10	67	<10	60	--
L100S 18+00E	<5	0.83	0.2	<10	60	<0.5	<2	0.25	<0.5	3	31	7	1.59	<10	0.04	10	0.21	98	1	<0.01	11	830	10	<10	17	0.13	<10	<10	42	<10	40	--
L101S 13+00E	<5	1.48	0.2	<10	80	<0.5	<2	0.33	<0.5	7	49	17	2.10	<10	0.08	20	0.58	234	1	0.01	24	360	8	<10	21	0.14	<10	<10	54	<10	60	--
L101S 13+50E	<5	2.23	0.2	<10	120	<0.5	<2	0.39	<0.5	14	71	31	3.23	<10	0.14	10	0.75	563	1	0.01	38	510	12	<10	29	0.14	<10	<10	75	<10	100	--
L101S 14+00E	<5	1.38	0.2	<10	70	<0.5	<2	0.43	<0.5	6	48	13	2.16	<10	0.11	20	0.53	207	0	0.01	22	580	10	<10	22	0.14	<10	<10	49	<10	30	--
L101S 14+50E	<5	1.75	0.2	<10	110	<0.5	<2	0.61	<0.5	9	59	20	2.83	<10	0.13	20	0.58	242	1	0.01	30	2230	10	<10	43	0.12	<10	<10	61	<10	120	--
L101S 15+00E	<5	2.30	0.2	<10	120	<0.5	<2	0.28	<0.5	12	58	22	3.27	<10	0.09	10	0.52	410	1	0.01	30	540	8	<10	23	0.14	<10	<10	67	<10	80	--
L101S 15+50E	<5	1.53	0.2	<10	70	<0.5	<2	0.38	<0.5	8	50	17	1.94	<10	0.08	10	0.54	220	1	0.01	23	390	8	<10	23	0.15	<10	<10	49	<10	60	--
L101S 16+00E	<5	1.47	0.2	<10	70	<0.5	<2	0.47	<0.5	8	51	18	2.66	<10	0.08	20	0.51	263	1	0.01	26	1520	10	<10	27	0.12	<10	<10	58	<10	60	--
L101S 16+50E	<5	1.51	0.2	<10	70	<0.5	<2	0.25	<0.5	6	43	15	1.99	<10	0.06	10	0.40	206	1	0.01	18	290	10	<10	19	0.13	<10	<10	49	<10	50	--
L101S 17+00E	<5	1.39	0.2	<10	90	<0.5	<2	0.43	<0.5	9	59	22	2.59	<10	0.08	20	0.53	290	1	0.01	28	610	10	<10	31	0.15	<10	<10	67	<10	50	--
L101S 17+50E	<5	0.97	0.2	<10	90	<0.5	<2	0.24	<0.5	3	32	7	1.50	<10	<0.01	10	0.19	98	1	<0.01	10	300	6	<10	18	0.12	<10	<10	47	<10	30	--
L101S 18+00E	<5	1.54	0.2	<10	130	<0.5	<2	0.36	<0.5	7	54	9	3.06	<10	0.03	10	0.52	226	<1	0.01	27	800	8	<10	23	0.16	<10	<10	80	<10	60	--
L101S 18+50E	<5	2.18	0.2	<10	70	<0.5	<2	0.30	0.5	8	52	6	3.34	<10	0.02	10	0.39	169	1	<0.01	28	530	6	<10	23	0.13	<10	<10	63	<10	60	--
L101S 23+50E	<5	1.62	0.2	<10	100	<0.5	<2	0.35	<0.5	9	63	16	3.29	<10	0.05	10	0.58	351	1	0.01	31	370	8	<10	28	0.15	<10	<10	84	<10	50	--
L101S 24+50E	<5	2.68	0.6	<10	130	<0.5	<2	0.45	<0.5	11	70	37	2.72	<10	0.10	20	0.67	278	1	0.01	51	520	8	<10	35	0.13	<10	<10	62	<10	70	--
L101S 25+00E	<5	2.76	1.4	<10	250	<0.5	<2	0.70	0.5	22	95	48	3.83	10	0.16	20	0.65	898	1	0.01	57	700	10	<10	62	0.15	<10	<10	79	<10	100	--
L101S 25+50E	<5	1.61	0.2	<10	90	<0.5	<2	0.47	<0.5	7	56	19	2.20	10	0.07	20	0.53	228	<1	0.01	28	250	8	<10	38	0.17	<10	<10	62	<10	70	--
L101S 26+00E	<5	1.08	0.2	<10	90	<0.5	<2	0.31	<0.5	5	36	<1	2.16	<10	0.03	10	0.22	363	1	0.01	12	830	8	<10	22	0.14	<10	<10	57	<10	70	--
L101S 26+50E	<5	2.04	0.2	<10	90	<0.5	<2	0.37	<0.5	8	55	21	2.48	10	0.08	20	0.57	220	1	0.01	26	300	12	<10	30	0.19	<10	<10	70	<10	50	--
L101S 27+00E	<5	2.22	0.6	<10	80	<0.5	<2	0.47	0.5	11	54	9	3.80	10	0.07	10	0.52	419	3	0.01	27	1780	8	<10	44	0.16	<10	<10	105	<10	200	--
L101S 27+50E	<5	1.74	0.4	<10	100	<0.5	<2	0.38	1.0	8	47	12	2.90	10	0.09	10	0.47	378	2	0.01	24	1490	10	<10	37	0.15	<10	<10	80	<10	110	--
L101S 28+00E	<5	2.53	0.2	10	130	<0.5	<2	0.25	<0.5	10	56	38	3.50	<10	0.18	10	0.75	365	5	<0.01	42	510	12	<10	38	0.14	<10	<10	96	<10	100	--
L101S 28+50E	<5	1.03	0.2	<10	100	<0.5	<2	0.16	0.5	4	34	14	1.87	<10	0.07	10	0.25	171	3	0.01	18	460	12	<10	23	0.11	<10	<10	55	<10	40	--
L101S 29+00E	<5	1.66	0.6	<10	70	<0.5	<2	0.24	<0.5	5	50	18	2.67	<10	0.08	10	0.47	243	4	0.01	24	520	10	<10	26	0.14	<10	<10	82	<10	60	--
L101S 29+50E	<5	2.22	0.2	<10	90	<0.5	<2	0.36	<0.5	10	64	17	2.96	10	0.06	10	0.66	243	1	0.01	37	340	8	<10	26	0.17	<10	<10	67	<10	50	--
L101S 30+00E	50	0.92	0.2	<10	100	<0.5	<2	0.28	<0.5	4	29	7	1.59	<10	0.05	10	0.24	223	1	<0.01	12	590	8	<10	22	0.11	<10	<10	48	<10	40	--

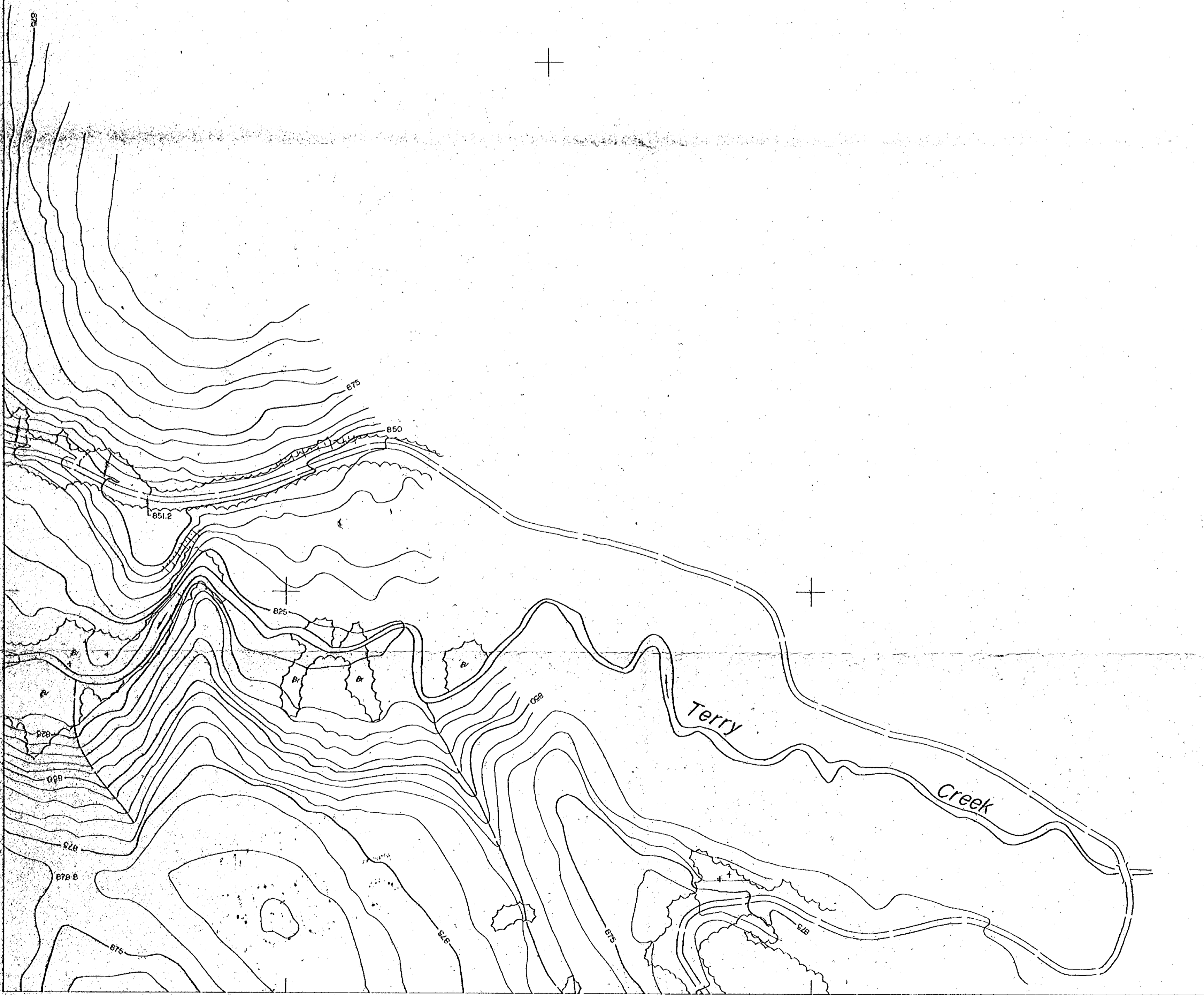
Certified by Hart Bichler

APPENDIX B: ROCK CHIP SAMPLE RESULTS

APPENDIX B

Rock Sample Descriptions

LOCATION	DESCRIPTION	SAMPLE No.	Au oz/t	Ag oz/t
0+00, L 0+10NE	Massive sulphide augite andesite	50363 C	0.516	1.04
0+00, L 0+10NE	Massive sulphide augite andesite	50364 C	1.334	0.57
0+00, L 0+10NE	Massive sulphide augite andesite	50365 C	0.226	1.37
0+00, L 0+30SW	Massive sulphide augite andesite	50366 C	0.132	0.93
0+00, L 0+30SW	Massive sulphide augite andesite	50367 C	0.364	1.62
0+00, L 0+30SW	Massive sulphide augite andesite	50368 C	0.136	1.22



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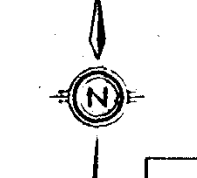
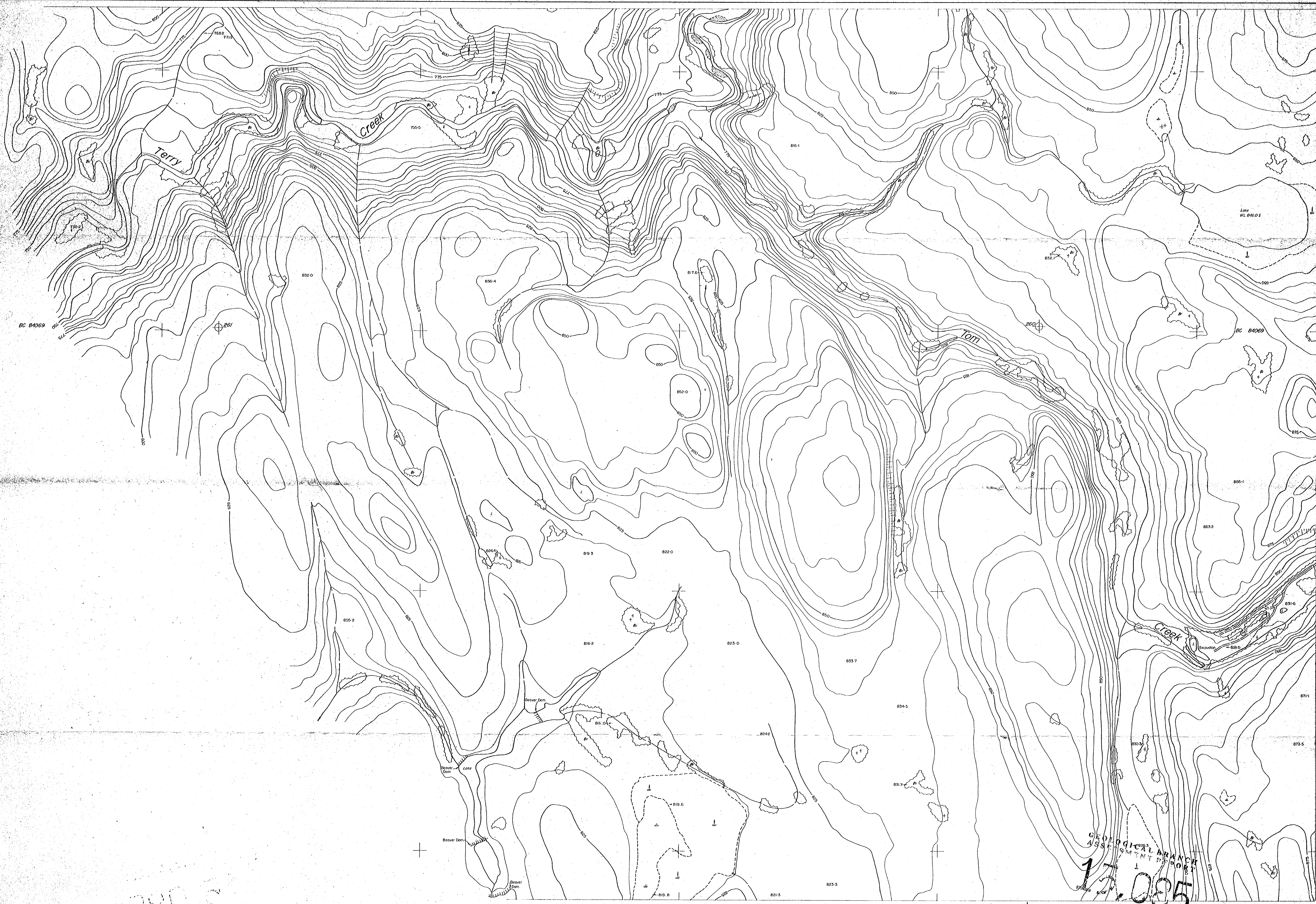
0 15 30 m



1	2
3	4
5	6

GABRIEL RESOURCES INC.
TERRY CREEK

SCALE - 1 : 2 500
CONTOUR INTERVAL - 5m.
GRID TRUE NORTH
PROJECT NO. - 8887
SHEET NO. - 2
DATE - NOVEMBER, 1985



1	2
3	4
5	6

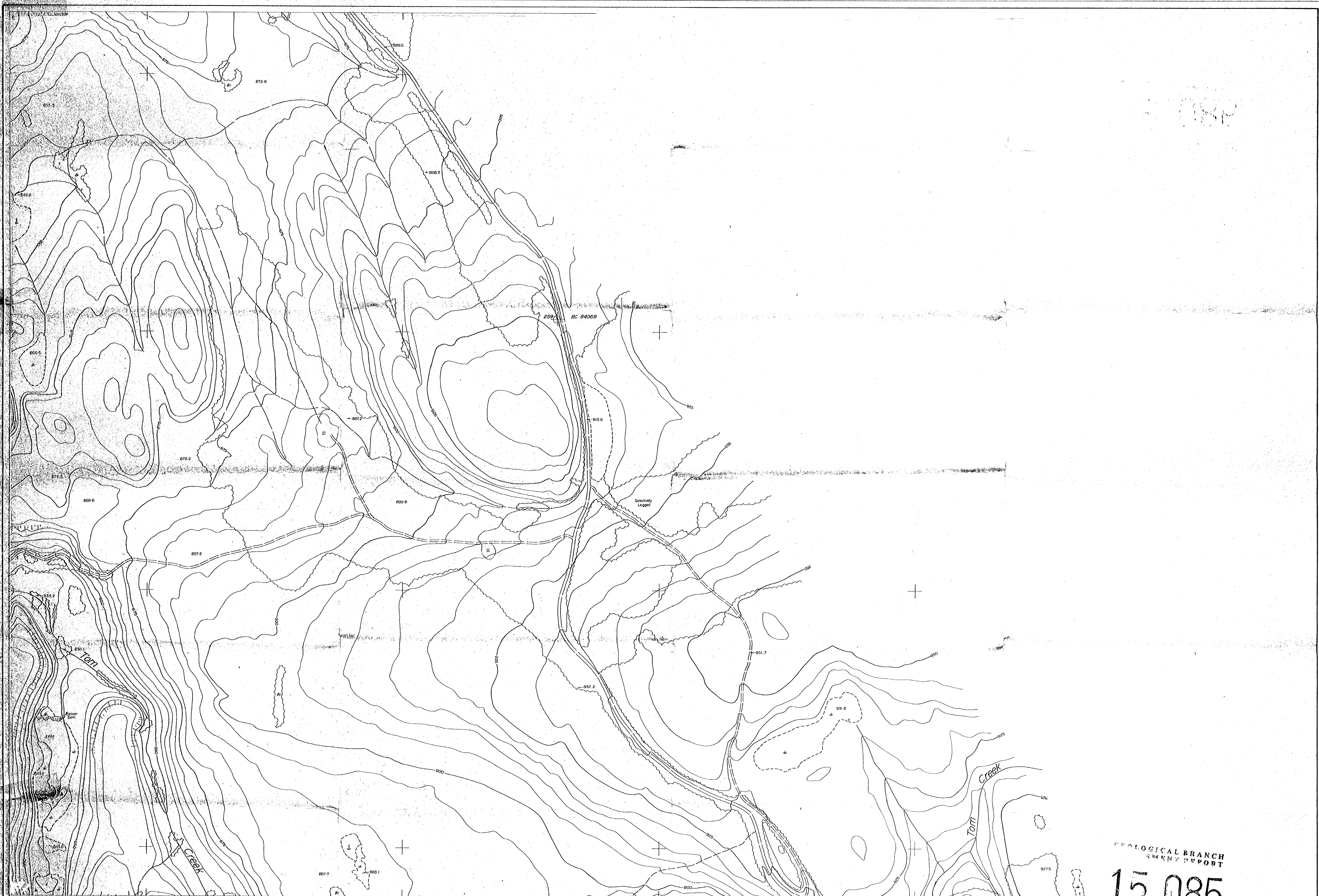
GABRIEL RESOURCES INC.
TERRY CREEK

SCALE - 1:2500
 CONTOUR INTERVAL - 5m.
 GRID TRUE NORTH
 PROJECT NO. - 8587
 SHEET NO. - 8
 DATE - NOVEMBER, 1985

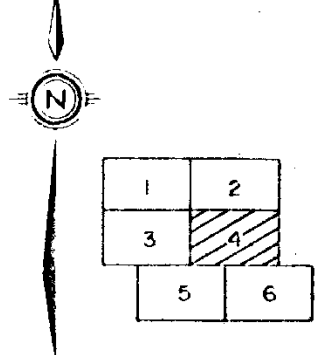
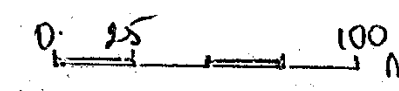
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488
 GEOLOGICAL BRANCH
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0 25 75 M

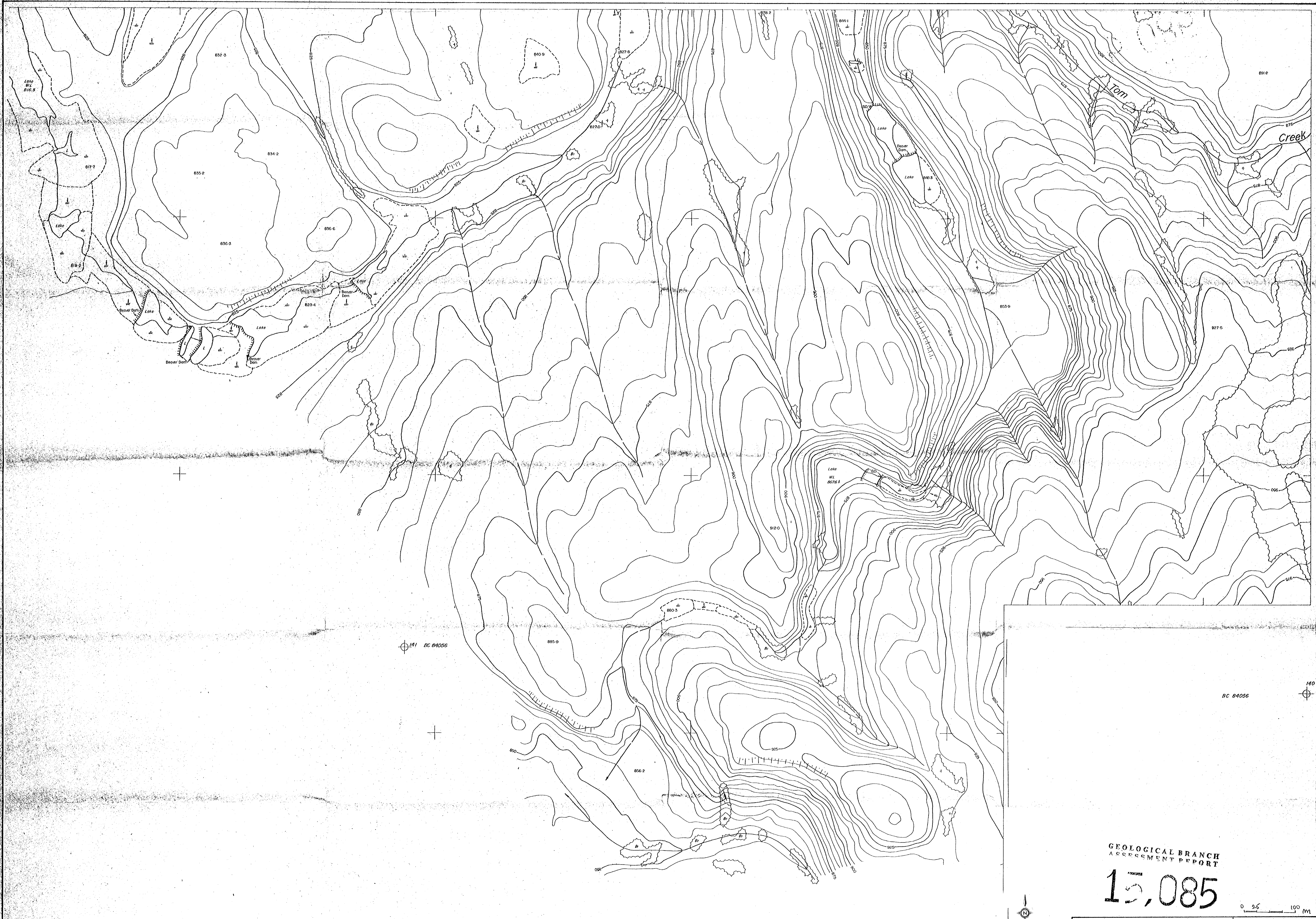


GEOLOGICAL BRANCH
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15,085



GABRIEL RESOURCES INC.
TERRY CREEK

SCALE - 1:2500
 CONTOUR INTERVAL - 5m.
 GRID TRUE NORTH
 PROJECT NO. - 8687
 SHEET NO. - 4
 DATE - NOVEMBER, 1985



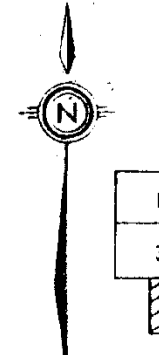
141 DC 84056

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,085

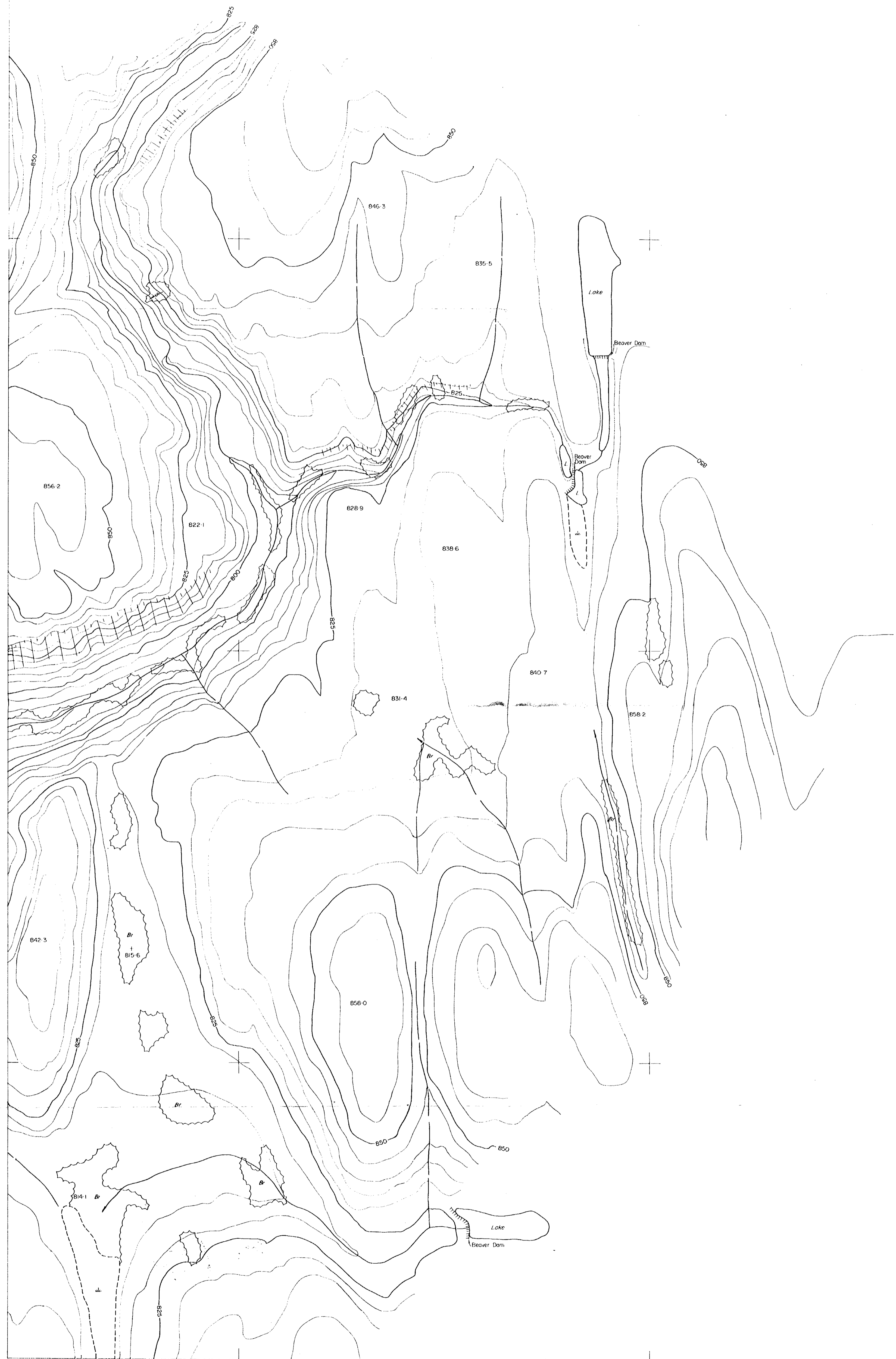
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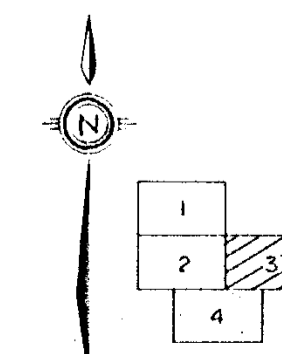
1	2
3	4
5	6

GABRIEL RESOURCES INC.
TERRY CREEK

SCALE - 1:2500
CONTOUR INTERVAL - 5m.
GRID TRUE NORTH
PROJECT NO. - 8587
SHEET NO. - 6
DATE - NOVEMBER, 1985



GEOLOGICAL BRANCH
ASSESSMENT REPORT
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Government Creek

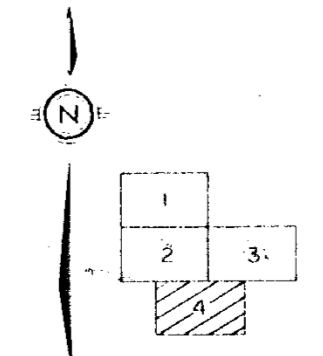
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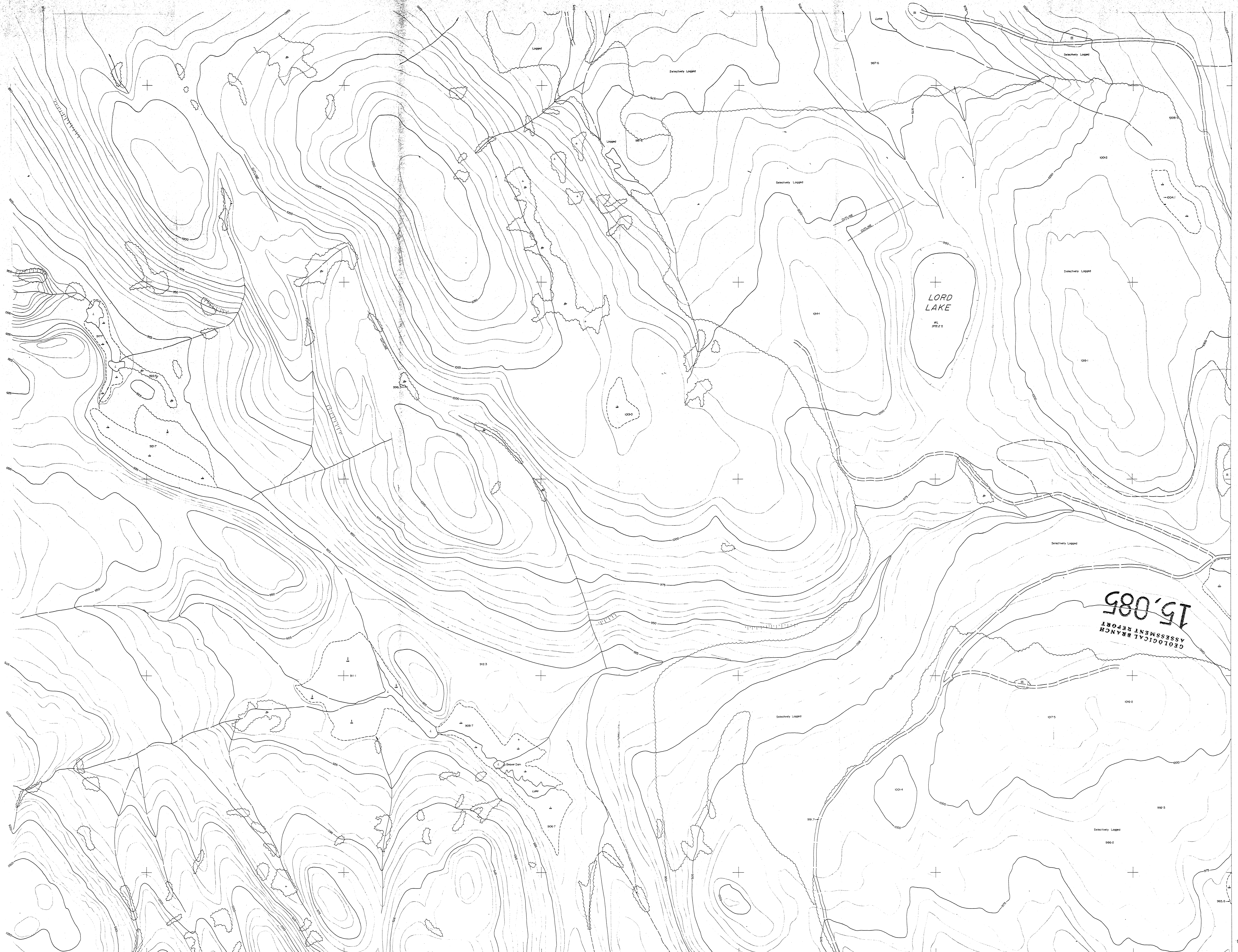
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Sheet 2 Sheet 3

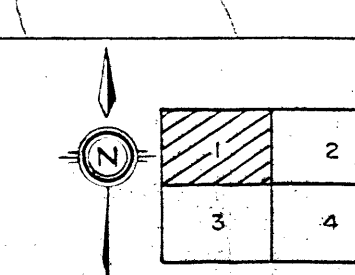
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,085



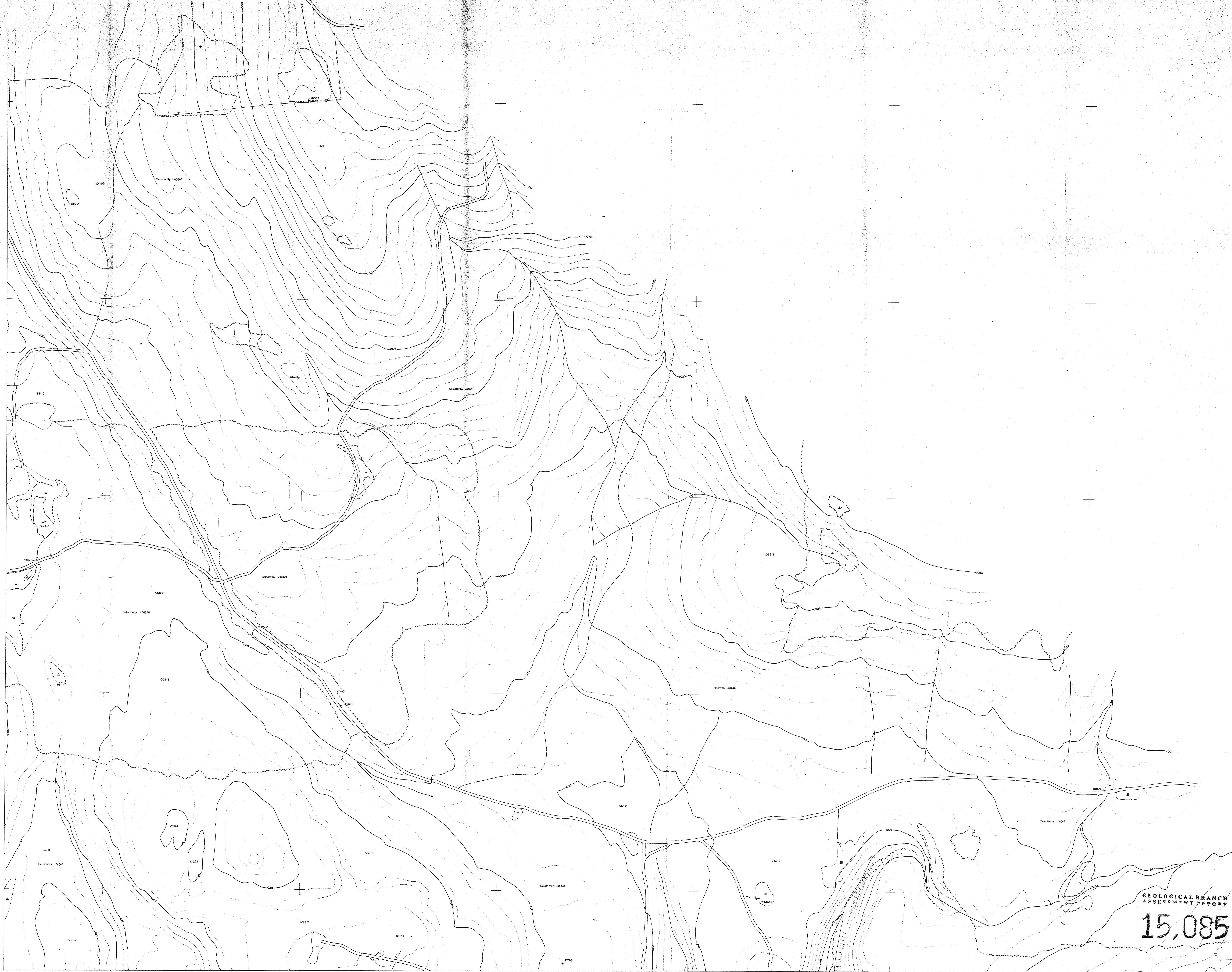


15,085
ASSESSMENT REPORT
GEOLOGICAL BRANCH



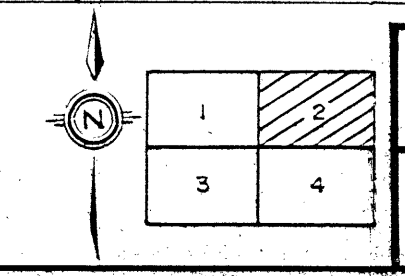
GABRIEL RESOURCES INC.
YARDLEY LAKE

SCALE - 1 : 2 500
CONTOUR INTERVAL - 5m
GRID TRUE NORTH
PROJECT NO. - 8078
SHEET NO. 21



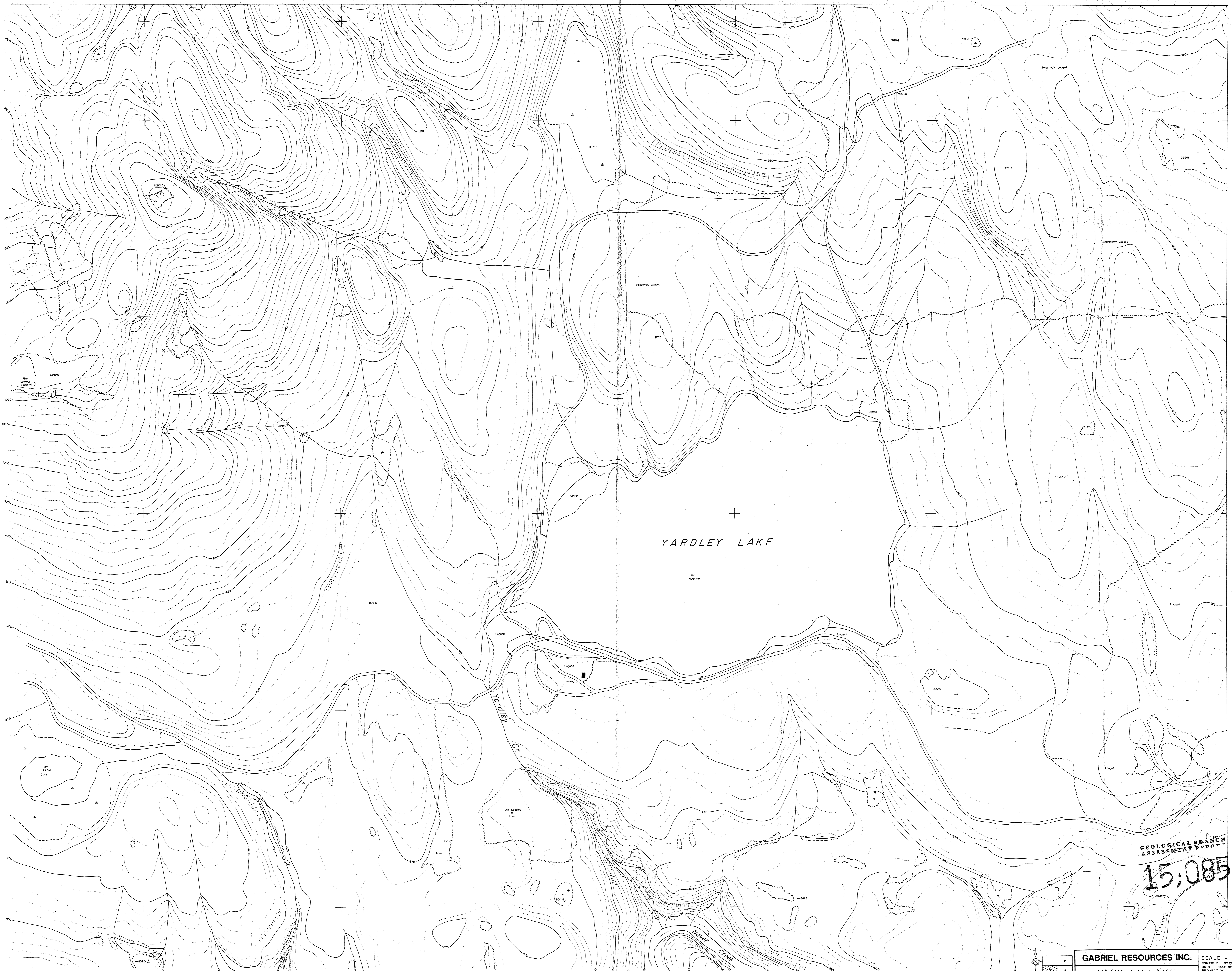
GEOLOGICAL BRANCH
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15,085

50 M



GABRIEL RESOURCES INC.
YARDLEY LAKE

SCALE - 1 : 2 500
CONTOUR INTERVAL - 5m
GRID TRUE NORTH
PROJECT NO. - 8096
SHEET NO. - 2



YARDLEY LAKE

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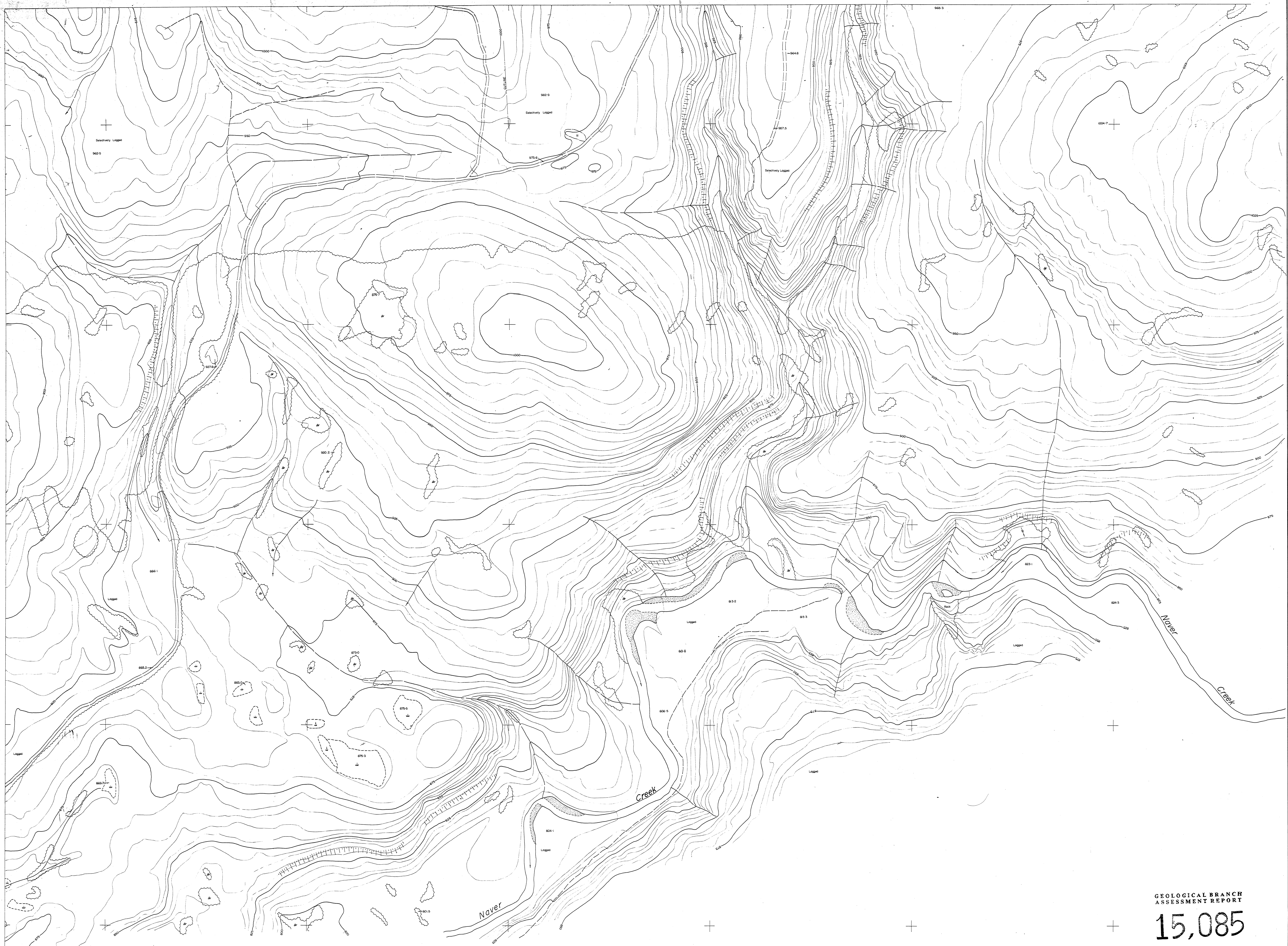
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GABRIEL RESOURCES INC.

YARDLEY LAKE

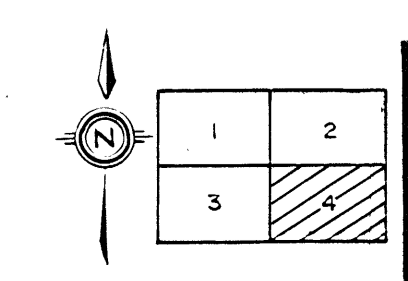
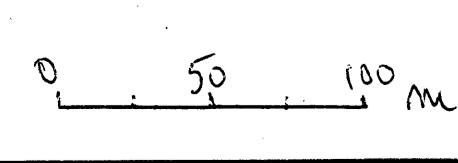
SCALE - 1:2,500
CONTOUR INTERVAL - 5m
GRID TRUE NORTH
PROJECT NO. - 2008
SHEET NO. - 3

DELTA AERIAL SURVEYS LTD.



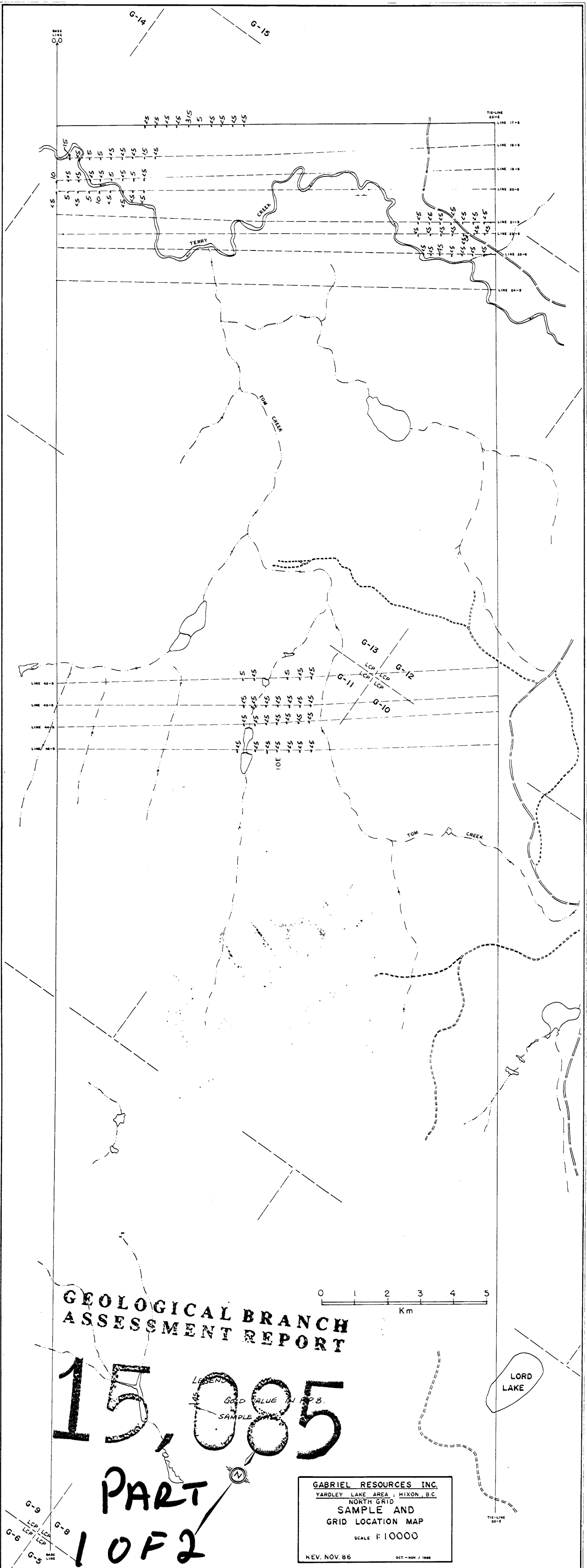
GEOLOGICAL BRANCH
ASSESSMENT REPORT

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GABRIEL RESOURCES INC.
YARDLEY LAKE

SCALE - 1:2 500
CONTOUR INTERVAL - 5m
GRID TRUE NORTH
PROJECT NO. - 407W
SHEET NO. - 4



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ASSESSMENT REPORT**

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LEGEND
 Gold VALUE IN 1978.
 SAMPLE

**PART
1 OF 2**

GABRIEL RESOURCES INC.
 YARDLEY LAKE AREA; HIXON, B.C.
 NORTH GRID
**SAMPLE AND
GRID LOCATION MAP**
 SCALE 1:10000
 REV. NOV. 86 OCT. - NOV. / 1988

G-9
LCP LCP
LCP LCP
G-6 G-8
BASE
LINE
G-5

N

