GOLDEN PORPHYRITE LTD.

1983

ASSESSMENT REPORT

ON THE

GEOLOGICAL AND GEOCHEMICAL SURVEYS

ON THE KELLY PROPERTY

JO 18 - 19, 25 - 26, 33 - 34, AND 42 - 43

OMINECA MINING DIVISION, BRITISH COLUMBIA

55° 35' N, 125° 36' W
N.T.S. 93N/12

OWNER: ARKLATEX PETROLEUM CORPORATION

OPERATOR: GOLDEN PORPHYRITE LTD.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,543

H.S. Macfarlane, M.Sc.
Golden Porphyrite Ltd.

MAY 1984

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TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

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INTRODUCTION

The Kelly property consists of claims Jo 18-19, 25-26, 33-34 and 42-43 (160 units) is located 30 km northeast of Takla Landing and 140 km northeast of Smithers in the Omineca Mining Division. Its National Topographic Survey location is 93N/12E at 55° 41' north latitude and 125° 35' west longitude, (fig. 1).

The property is accessible by a summer four-wheel drive road from the nearest settlement, Takla Landing, a two hour drive under poor road conditions. The property was evaluated using a Hughes 500D helicopter based at Takla Landing, a return trip taking 25 minutes.

The Property encompasses Kelly Creek, a southerly draining creek rising at an elevation of 1,550 m above sea level with high ground to the north, west and east. Alice Creek is also contained within the property. Kenny Creek and a series of lakes, of which Tom, Fable and Byrnes Lakes are partly within the property boundary, are within a broad glacially modified southwest-northeast trending valley located in the southeast corner of the property. The treeline is at about the 1,600 m elevation with alpine vegetation above and mixed coniferous vegetation, alpine fir and spruce, on valley sides and bottoms. Outcrop exposure is restricted to ridge crests with maximum exposure present on north facing slopes.

Kelly Creek has had a history of placer mining since the discovery of gold in 1931 at a point 2.4 km above the confluence of the creek with Kenny Creek. A record of gold produced is not available. A total of 81 oz Au is reported to have been produced from Alice creek, however there are no details available concerning the location of the discovery on this creek. Active operations

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continue to this day.

With the recent development of a new gold occurrence model involving large tonnage, low grade deposits, the owner, Arklatex Petroleum Corporation, contracted Golden Porphyrite Ltd., to locate the source rocks of the placer gold found in many of the surrounding creeks. Rocks belonging to the Permo-Triassic Cache Creek Group outcrop within and around the claim block and conform to this model. This model and the gold found in Kelly Creek make this property ideal for gold exploration.

The work was performed by Golden Porphyrite personnel supervised by Mr. H. Macfarlane and directed by Mr. F.M. Smith, P. Eng. The area was geoligically mapped and prospected at a scale of approximately 50 km^2. A total of 135 geochemical rock chip and 268 soil samples were collected.

For gouping purposes the Kelly property will be divided into two groups, Kelly 1 and Kelly 2, (fig. 2).

Claim Name	No. Units	Tag No.	Owner of Record	Date Located	Date Recorded	Record No.
KELLY 1						
Jo 18	20	91213	Arklatex	13.06.83	21.06.83	5249
Jo 25	20	91220	Petroleum	12.06.83	21.06.83	5257
Jo 33	20	91228	Corporation	11.06.83	21.06.83	5265
Jo 42	20	91237	"	12.06.83	21.06.83	5274
KELLY 2						
Jo 19	20	91214	"	13.06.83	21.06.83	5251
Jo 26	20	91221	"	12.06.83	21.06.83	5258
Jo 34	20	91229	"	10.06.83	21.06.83	5266
Jo 43	20	91238	"	08.06.83	21.06.83	5275

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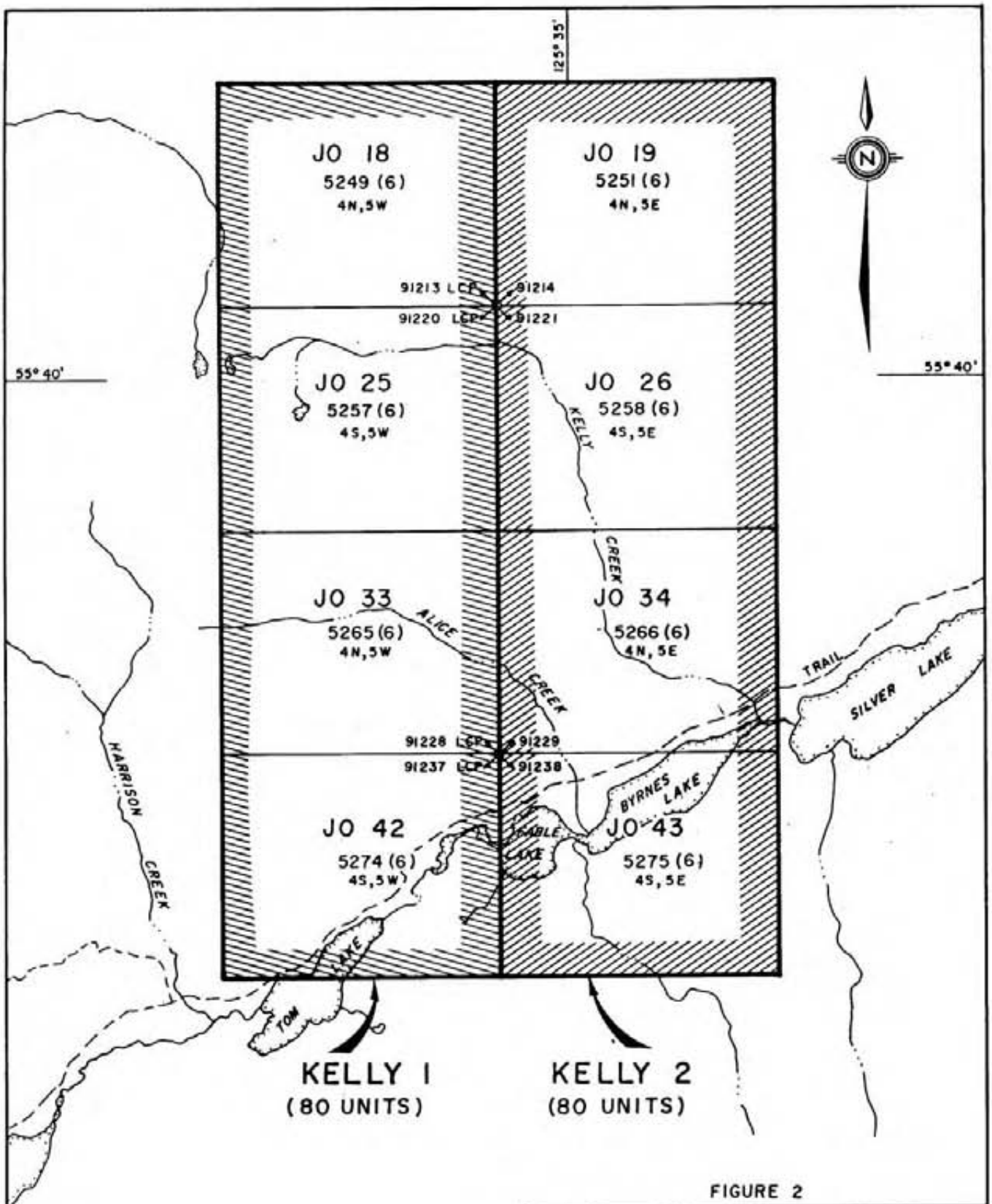

FIGURE 2

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

CLAIM MAP

KILOMETRES

0 0.5 1 1.5 2

M 93N/12E N.T.S. 93N/12

Claim post and boundary locations established by air photo, topographic map and chain and compass.

GEOLOGICAL SURVEY

Regional Geology

The property is situated in the Omineca Tectonic Belt of the Canadian Cordillera. It lies approximately midway between the Vital and Pinchi Faults and is underlain by the Permo-Triassic Cache Creek Group, first mapped in this area in the early 1940's by the Geological Survey of Canada and later in 1974. The Cache Creek Group consists of highly deformed phyllite, chert and argillite with local greywacke and contains discontinuous bodies of carbonate and metavolcanic rocks. This group is separated from the Jurassic Hogem Batholith by the Pinchi Fault, (fig. 3).

Local Geology

The Kelly property was geologically mapped and prospected at a scale of 1:20,000 predominantly along ridge crests and slopes, over an area of 50 km^2.

Units of the Cache Creek Group present within the Kelly property are: argillite, cherty argillite, limestone, phyllite, tuff, biotite-hornblende feldspar porphyry and intermediate to felsic igneous rocks, (fig. 4). The argillite is black, displays banding which may be the original bedding and is well foliated. This unit has very limited outcrop area and appears to occur near units of the felsic to intermediate igneous rocks. The cherty argillite member is grey-black, is frequently interlaminated with chert on a 1 - 10 mm scale and may be transitional to the argillite units. The cherty argillite displays well developed foliation parallel or sub-parallel to the original bedding. The limestone occurs as thinly bedded to massive units 300 - 400 m wide in surface

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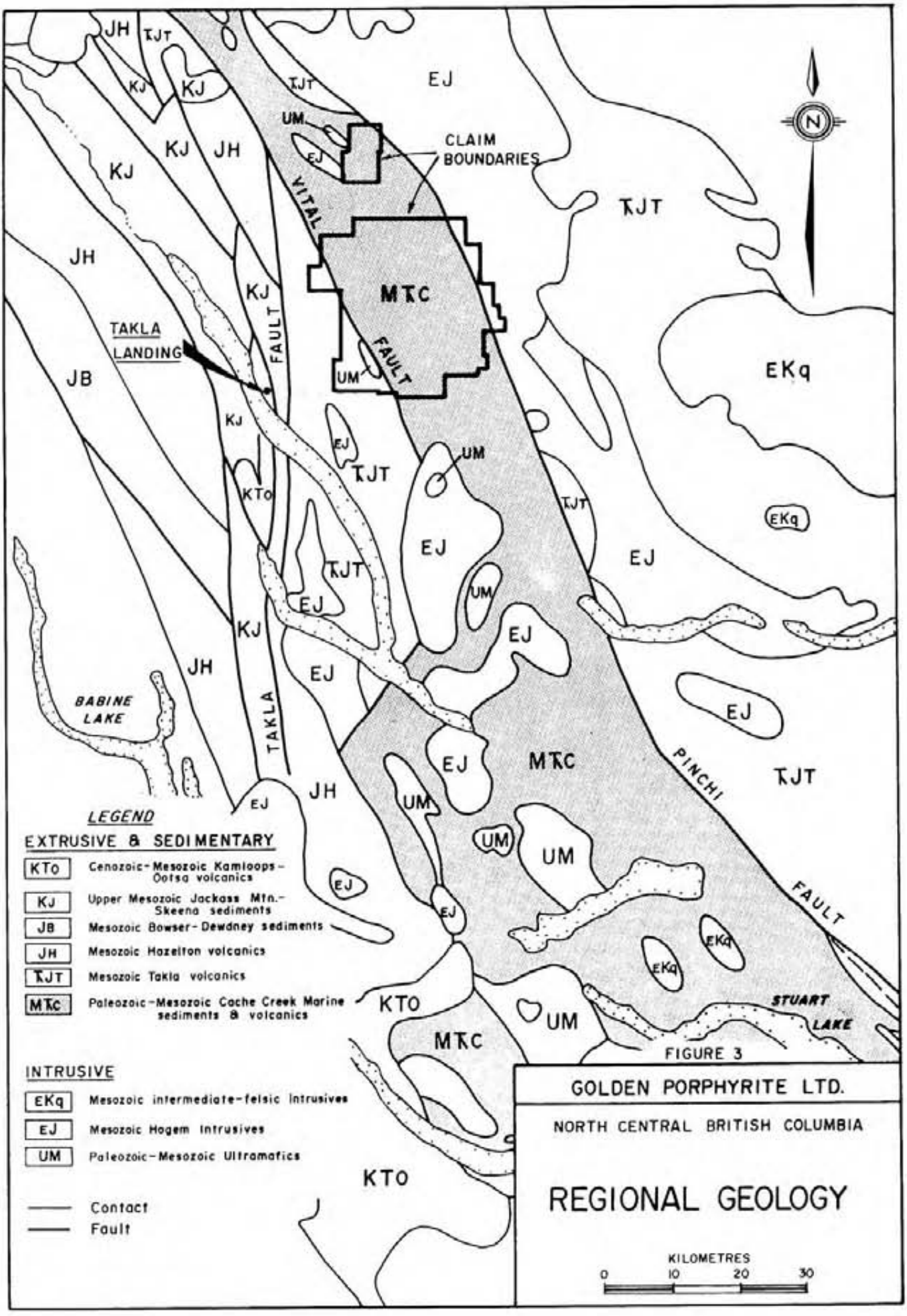
JH
TJT
KJ
EJ
UM
CLAIM BOUNDARIES
VITAL FAULT
MTc
TAKLA LANDING
JB
FAULT
EKq
KTo
BABINE LAKE
TAKLA
PINCHI FAULT
STUART LAKE
N
LEGEND
EXTRUSIVE & SEDIMENTARY
KTo Cenozoic-Mesozoic Kamloops-Ootsa volcanics
KJ Upper Mesozoic Jackass Mtn.-Skeena sediments
JB Mesozoic Bowser-Dewdney sediments
JH Mesozoic Hazelton volcanics
TJT Mesozoic Takla volcanics
MTc Paleozoic-Mesozoic Cache Creek Marine sediments & volcanics
INTRUSIVE
EKq Mesozoic intermediate-felsic intrusives
EJ Mesozoic Hogem intrusives
UM Paleozoic-Mesozoic Ultramafics
Contact
Fault
FIGURE 3
GOLDEN PORPHYRITE LTD.
NORTH CENTRAL BRITISH COLUMBIA
REGIONAL GEOLOGY
KILOMETRES
0 10 20 30

exposure and is grey to black in colour, recrystallized, dolomitic in part and probably micritic in origin.

The phyllite units are green, grey to black in colour and frequently display foliation parallel, or at an acute angle to the bedding. Alternate lamination of chert and phyllite on a 1 - 10 mm scale, occurs locally. Tuff occurs as green to black units fine to medium grained, vesicular, vuggy and probably andesitic in origin. Foliation is well developed in part and is parallel or sub-paralled to the original bedding where seen.

The biotite hornblende feldspar prophyry occurs as a small stock-like intrusion in Jo 9. It consists of biotite, hornblende and feldspar phenocrysts supported in a fine grained matrix with accessory disseminated pyrite. A small metamorphic aureole has developed in the adjacent tuff and phyllite units as a result of the intrusion.

The intermediate to felsic igneous rocks are grey in colour and weather orange brown. They have a grey fine grained matrix supporting brown plagioclase and glassy quartz phenocrysts ± accessory pyrite. These are thought to occur as small often isolated lenses 5 - 10 m thick, 30 - 50 m wide with an unknown length, or as closely spaced 'en echelon' lenses. The outcrop throughout the ridge in Jo 18 and 19 is thought to be an example of this latter type.

A stratigraphic sequence for the Cache Creek Group present on this Property has yet to be determined.

Most of the Cache Creek Group units strike north to northwest with a predominantly steep westerly dip. Bedding and foliation are parallel or sub-parallel with the latter thought to have developed parallel to the north-south fold axes. Folding has resul-

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ted in the formation of antiforms and synforms. The phyllites and tuffs are isoclinally folded in part and appear to have behaved incompetently with respect to the more competent limestones.

The Cache Creek Group units have undergone low grade regional metamorphism of the greenschist facies. This has resulted in the recrystallization of the limestones and the alteration of the original argillaceous sediments to argillite and phyllite. Studies by the Geological Survey have revealed that the andesitic volcanic units now contain tremolite + albite + chlorite + sphene ± epidote ± glaucophane ± stilpnomelane ± calcite ± dolomite ± mica. The euhedral biotite phenocrysts present within the intermediate to felsic igneous rocks may be secondary after original hornblende.

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GEOCHEMICAL SURVEY

A total of 268 soil samples were collected using the constant contour method around areas previously geologically mapped, prospected and showing signs of economic potential according to the model. Soil samples were taken from the "B" horizon at 50 m intervals along a line of constant elevation. Once extracted the soil was described and sealed in a wet-strength kraft bag for analysis. The average sample depth was approximately 20 cm. Analysis for gold was conducted at Min-En Labs, 705 West 15th Street, North Vancouver, B.C. All samples were dried and crushed in a ceramic plated pulverizer to -100 mesh. Five (5) gram portions were then pretreated with a 5% HNO_3 and 70% $HClO_4$ mixture for one hour, digested with aqua regia, twice to dryness and taken up to 100 ml in 25% HCl. Gold was then extracted as a bromide complex into Methyl Iso Butyl Ketone and analyzed via atomic absorption with a 5 parts per billion (ppb) detection limit.

In the process of mapping a total of 135 1 kg rock-chip samples were taken (see Appendix B). These samples were also analyzed by Min-En Labs for gold using the above procedure.

At a later date, all sample pulps were analyzed for silver by Chemex Labs, 212 Brooksbank Avenue, North Vancouver, B.C. Silver analysis required 1 gram portions of each sample to be digested in a 20% $HClO_4$ - 4% HNO_3 mixture for approximately 2 hours. The digested sample was then cooled and made up to 25 ml with distilled water. The solution was then mixed and solids were allowed to settle. Silver concentration was then determined using corrected atomic absorption techniques with a detection limit of 0.1 parts per million, (ppm).

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Anomalous gold geochemical soil values were obtained from an area close to the western boundary of Jo 19. Consecutive values of 40, 45 and 175 ppb were obtained from the cirque basin on the north side of this peak. Fifteen anomalous samples representing a 750 m zone, with a high value of 130 ppb were obtained from the south side of this peak, with values of 35, 45, 60, 95 and 490 ppb upslope from this zone, (fig. 7).

A major anomalous gold rock chip geochemical zone was outlined close to the western boundary of Jo 19. Values of 35, 35, 75, 90, 150, 200, 280 and 1,800 ppb Au were obtained from this zone, from a closely spaced 'en echelon' group of intermediate to a felsic igneous rocks and their surrounding sediments (fig. 5 and 6).

Anomalous silver values were obtained from the area close to the western boundary of Jo 19.

1. A total of 20 soil samples with a range of values between 1.0 - 3.7 ppm Ag were obtained from all sides of the mountain at this locality.

2. A total of 25 rock chip samples with a range of values between 1.0 and 10.2 ppm Ag were also obtained from this locality, (fig. 8).

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HEAVY SEDIMENT SAMPLING

Heavy sediment samples were taken at five localities on the Property and approximately 0.2 m^3 of material was processed at #17 and 18 and 0.75 m^3 at the other localities (fig. 5). The concentrate in each case was panned down and a value on a scale from 0 to 10 was assigned dependent upon the numbers of 'colours' present. An absence of 'colours' would characterize the 0 end member and 100 to 200 'colours' the 10 end member of this scale.

Two of the three samples taken form Kelly Creek, #18 and #45, were assigned values of 5 on a scale from 1 - 10. These samples were taken close to the confluence of Kelly Creek and Kenny Creek and 2.5 km upstream from this confluence respectively. Sample #37 taken 1 km from the source of the creek returned a value of 0 - 1. The source of the gold is therefore presumed to be derived from an area between sample #37 and #45. This area is presumed to be the same as that determined by geochemical soil sampling, (fig. 5).

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CONCLUSIONS

The 1983 reconnaissance programme revealed the presence of a number of areas with major anomalous gold and silver values.

A detailed programme of additional heavy mineral sampling, soil sampling and detailed geological traverses are required during the next field season together with detailed investigations, trenching, and possibly geophysics and diamond drilling of the area along the claim boundary of Jo 18 and 19.

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DETAILED COST STATEMENT

WAGES:	2 people @ $200/day inc benefits for 8.2 days	1,664.00
	6 people @ $115/day inc benefits for 37.09 days	4,265.73
	2 people @ $143.75/day inc benefits for 7 days	1,006.25
	4 people @ $57.5/day inc benefits for 15 days	862.50
	2 people @ $92/day inc benefits for 4.5 days	414.00
		$ 8,212.48
SAMPLES:	135 rocks @ $7.25 Au	978.75
	268 soils @ $6.25 Au	1,788.75
	403 rocks and soils @ $1.75 Ag	705.25
		$3,472.75
ROOM:	59.9 man days @ $11.30/man day	$ 676.49
BOARD:	59.9 man days at $17.40/man day	$ 1,041.64
HELICOPTER:	Hughes 500D - 7.43 hours at $550/hour (incl. fuel)	$ 4,084.61
GROUND AND FIXED WING TRANSPORT	Vancouver to Project area and return	$ 1,415.39
EQUIPMENT	Purchase, rental and repair and consumables	$ 1,736.78
OFFICE	Drafting, mapping, interim report preparation and office overhead	$ 2,497.90
MANAGEMENT FEE		2,313.80
TOTAL		$25,451.84

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QUALIFICATIONS

I, H.S. Macfarlane, do hereby certify:

1. That I am a geologist with business office at #403-750 West Pender Street, Vancouver, B.C. V6C 2T7 and employed by Golden Porphyrite Ltd.

2. That I am a graduate in geology of the University of London (B.Sc. Honours, 1976) and of the University of Leicester (M.Sc., 1981).

3. That I am a Member of the Institution of Mining and Metallurgy, London, and a Registered Chartered Engineer with the Engineering Council, London.

4. That I have practiced by profession as a geologist for the past seven years.

5. That I personally supervised the field work and assessed the data resulting from the geological and geochemical surveys on the Jo 18-19, 25-26, 33-34 and 42-43 mineral claims.

H.S. Macfarlane, M.Sc.

Dated at Vancouver, British Columbia, this ____ day of May, 1984.

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APPENDIX A

Geochemical Sample Results

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Sample	Ag ppm	Au ppb
T302 RE-0240	0.2	5
T302 RE-0241	0.2	5
T302 RE-0242	1.2	10
T302 RE-0243	1.4	5
T302 RE-0244	1.0	15
T302 RE-0245	1.6	5
T302 RE-0246	0.5	5
T302 RE-0247	0.6	5
T302 RE-0248	0.2	10
T302 RE-0249	0.2	20
T302 RE-0250	0.4	5
T302 RE-0251	0.5	10
T302 RE-0252	0.1	5
T302 RE-0253	0.1	5
T302 RE-0254	0.1	5
T302 RE-0255	0.2	5
T302 RE-0256	10.2	90
T302 RE-0257	0.2	10
T302 RE-0258	0.1	5
T302 RE-0259	0.2	5
T302 RE-0260	0.2	10
T302 RE-0261	0.7	5
T302 RE-0262	6.0	5
T302 RE-0263	3.0	5
T302 RE-0264	3.1	10
T302 RF-0151	1.7	15
T302 RF-0152	0.2	200
T302 RF-0153	0.3	30
T302 RF-0154	0.2	5
T302 RF-0155	0.6	5
T302 RF-0155A	0.4	10
T302 RF-0156	3.5	10
T302 RF-0157	0.2	5
T302 RF-0158	0.4	15
T302 RF-0159	0.1	5
T302 RF-0160	0.4	5
T302 RF-0161	0.3	5
T302 RF-0162	0.3	10
T302 RF-0163	0.4	5
T302 RF-0164	0.1	10
T302 RF-0165	0.1	35
T302 RF-0166	0.6	5
T302 RF-0167	0.6	10
T302 RF-0168	0.1	10
T302 RF-0169	0.1	5
T302 RF-0170	0.2	15
T302 RH-0045	0.1	5
T302 RH-0046	0.1	5
T302 RH-0047	0.1	5
T302 RH-0048	0.1	5
T302 RH-0049	0.1	5
T302 RH-0051	0.1	10
T302 RH-0052	0.1	5
T302 RH-0053	1.0	15
T302 RH-0054	0.1	10
T302 RH-0057	0.1	10
T302 RH-0137	1.0	5
T302 RH-0138	0.8	5
T302 RH-0139	0.7	10
T302 RH-0140	0.2	5
T302 RH-0141	0.4	5
T302 RH-0142	0.8	10

Sample	Ag ppm	Au-AA
T302 SA-0063	0.6	5
T302 SA-0064	0.5	10
T302 SA-0065	1.0	5
T302 SA-0066	0.6	5
T302 SA-0067	0.7	5
T302 SA-0068	0.6	10
T302 SA-0069?	0.8	5
T302 SA-0070	0.8	5
T302 SA-0071	1.0	15
T302 SA-0072	1.7	5
T302 SA-0073	0.8	10
T302 SA-0074	0.6	5
T302 SA-0075	0.5	5
T302 SA-0076	1.4	5
T302 SA-0077	0.7	10
T302 SA-0078	0.5	5
T302 SA-0079	3.7	5
T302 SA-0080	0.7	5
T302 SA-0081	0.5	5
T302 SA-0082	0.6	5
T302 SA-0083	0.8	10
T302 SA-0084	0.8	5
T302 SA-0085	0.4	5
T302 SA-0086	0.4	5
T302 SA-0087	0.6	15
T302 SA-0088	0.6	25
T302 SA-0089	0.5	10
T302 SA-0090	0.5	20
T302 SA-0091	0.4	5
T302 SA-0092	0.8	5
T302 SA-0093	0.3	5
T302 SA-0095	0.9	5
T302 SA-0096	0.3	5
T302 SA-0097	N.S.S.	490
T302 SA-0098	0.8	5
T302 SA-0099	0.9	5
T302 SA-0100	0.8	10
T302 SA-0101	0.7	5
T302 SA-0102	N.S.S.	95
T302 SA-0103	2.1	35
T302 SA-0104	0.6	10
T302 SA-0105	1.9	60
T302 SA-0106	0.9	45
T302 SA-0107	0.8	5
T302 SC-0062	0.3	5
T302 SF-0005	0.2	5
T302 SG-0028	0.4	5
T302 SG-0029	1.3	5
T302 SG-0030	0.6	10
T302 SG-0031	0.2	5
T302 SG-0032	0.2	15
T302 SG-0033	0.1	5
T302 SG-0034	0.2	10
T302 SG-0035	0.1	5
T302 SG-0036	0.6	15
T302 SG-0037	0.4	5
T302 SG-0038	0.5	5
T302 SG-0039	0.2	10
T302 SG-0040	0.2	5
T302 SG-0041	0.5	5
T302 SG-0042	0.4	5

description	Ag ppm	Au ppb
T302 SG-0305	0.1	<5
T302 SG-0306	0.1	<5
T302 SG-0307	0.3	10
T302 SJ-0131	0.2	5
T302 SJ-0132	0.3	15
T302 SJ-0133	0.6	5
T302 SJ-0134	0.2	10
T302 SJ-0135	0.2	5
T302 SJ-0136	0.1	20
T302 SJ-0137	0.1	5
T302 SJ-0138	0.1	5
T302 SJ-0139	0.1	20
T302 SJ-0140	0.1	30
T302 SJ-0141	1.1	10
T302 SJ-0142	0.1	5
T302 SJ-0143	1.1	25
T302 SJ-0145	0.2	15
T302 SJ-0146	0.1	10
T302 SJ-0147	0.2	20
T302 SJ-0148	0.1	25
T302 SJ-0149	0.1	15
T302 SJ-0150	0.6	10
T302 SJ-0151	0.6	175
T302 SJ-0152	0.3	40
T302 SJ-0153	0.2	45
T302 SJ-0154	0.1	5
T302 SJ-0155	0.3	5
T302 SJ-0156	0.3	5
T302 SJ-0158	1.9	30
T302 SJ-0159	0.8	5
T302 SJ-0160	0.6	5
T302 SJ-0161	1.4	15
T302 SJ-0162	0.3	5
T302 SJ-0163	0.2	5
T302 SF-0085	0.1	5

Sample	Ag ppm	Au ppb
T302 RH-0143	0.4	5
T302 RH-0144	0.6	<5
T302 RH-0145	2.6	10
T302 RH-0146	0.4	5
T302 RH-0147	0.3	5
T302 RE-0233	0.5	5
T302 RE-0234	0.2	5
T302 RE-0235	0.7	5
T302 RE-0236	1.0	10
T302 RE-0237	0.3	10
T302 RE-0238	0.4	5
T302 RE-0239	0.2	280
T302 RE-0274	13.0	1800
T302 SA-1010	0.6	5
T302 SA-1011	0.5	10
T302 SA-1012	0.5	25
T302 SA-1013	0.3	5
T302 SA-1014	0.3	5
T302 SA-1015	0.2	10
T302 SA-1016	0.2	5
T302 SA-1017	0.3	5
T302 SA-1018	0.3	5
T302 SH-0056	0.2	5
T302 SH-0058	0.1	10
T302 RB-0024	0.2	15
T302 RB-0025	5.2	20
T302 RB-0026	0.4	20
T302 RB-0027	3.0	5
T302 RB-0028	0.3	10
T302 RB-0029	0.4	5
T302 RB-0030	0.7	5
T302 RB-0033	0.7	5
T302 RB-0036	0.7	35
T302 RB-0037	0.2	10
T302 RB-0039	0.1	5
T302 RC-0093	2.0	150
T302 RC-0095	0.1	5
T302 RC-0097A	0.1	10
T302 RC-0097B	0.7	<5
T302 RC-0099	0.7	15
T302 RC-0100	0.1	5
T302 RC-0101	3.8	5
T302 RE-0109	1.3	5
T302 RE-0110	0.6	20
T302 RE-0111	0.4	5
T302 RE-0112	2.4	10
T302 RE-0113	0.4	5
T302 RE-0114	0.7	5
T302 RE-0115	0.3	5
T302 RE-0116	0.1	10
T302 RE-0117	0.1	5
T302 RE-0118	0.1	5
T302 RE-0119	0.1	10
T302 RE-0120	0.4	5
T302 RE-0121	0.2	5
T302 RE-0122	1.1	5
T302 RE-0123	0.7	5
T302 RE-0124	1.2	10

W.O. # : A8412050
received date : 28-MAY-84
client : GOLDEN PORPHYRITE LTD.
comments : ATTN: H. MACFARLANE
# of samples : 329
project : 3-709

Sample description	Ag ppm Aqua R	AU-AA ppb
T302 SB-0034	0.1	5
T302 SB-0035	0.7	5
T302 SB-0038	0.3	<5
T302 SG-0043	0.1	10
T302 SG-0044	0.4	5
T302 SG-0045	0.7	20
T302 SG-0046	0.1	5
T302 SG-0047	0.1	5
T302 SG-0048	0.3	5
T302 SK-0001	0.4	5
T302 SK-0002	0.1	5
T302 SK-0003	0.2	5
T302 SK-0004	0.5	10
T302 SK-0005	0.2	5
T302 SK-0006	0.4	5
T302 SK-0007	0.7	20
T302 SK-0008	0.1	5
T302 SK-0008A	0.3	5
T302 SK-0009	0.3	10
T302 SK-0010	0.3	5
T302 SK-0011	0.6	5
T302 SK-0012	2.2	5
T302 SK-0013	0.2	5
T302 SK-0014	0.8	5
T302 SK-0015	0.6	10
T302 SK-0016	0.6	5
T302 SK-0017	0.4	5
T302 SK-0018	0.3	5
T302 SK-0019	0.2	10
T302 SK-0020	0.9	5
T302 SK-0021	0.8	10
T302 SK-0022	0.3	5
T302 SK-0023	0.3	5
T302 SK-0024	2.2	5
T302 SK-0025	0.2	5
T302 SK-0026	0.2	5
T302 SK-0027	0.7	10
T302 SK-0028	0.3	10
T302 SK-0029	0.3	5
T302 SK-0030	0.2	10
T302 SK-0031	0.1	5
T302 SK-0032	0.4	15
T302 SK-0033	0.6	15
T302 SK-0034	0.4	10
T302 SK-0035	1.5	5
T302 SK-0036	0.3	5
T302 SK-0037	0.2	5
T302 SK-0038	0.1	15
T302 SK-0039	0.1	25
T302 SK-0040	0.3	15
T302 SK-0041	0.3	5

A8715048

client : GOLDEN PORPHYRITE LTD.
received date : 28-MAY-84
comments : ATTN: H. MACFARLANE
# of samples : 531
project : 3-557

description	Aqua R	ppb
T302 RB-0003	0.6	5
T302 RB-0013	0.2	10
T302 RB-0014	0.6	5
T302 RB-0015	2.6	5
T302 RC-0009	1.0	20
T302 RC-0019	1.1	25
T302 RC-0064	0.2	5
T302 RC-0065	0.1	5
T302 RF-0004	0.5	5
T302 RF-0007A	0.1	10
T302 RF-0007B	0.1	5
T302 SA-0018	0.4	5
T302 SA-0019	0.8	15
T302 SA-0020	0.6	5
T302 SA-0021	0.8	5
T302 SA-0022	0.3	10
T302 SA-0023	0.7	5
T302 SA-0024	0.7	5
T302 SA-0025	0.6	5
T302 SA-0026	0.5	10
T302 SA-0027	1.1	5
T302 SA-0028	0.5	25
T302 SA-0029	0.8	10
T302 SA-0030	0.9	5
T302 SA-0031	0.4	15
T302 SA-0032	0.2	10
T302 SA-0033	0.4	5
T302 SA-0034	0.3	10
T302 SA-0035	0.5	15
T302 SA-0036	0.4	5
T302 SA-0037	0.3	5
T302 SA-0038	0.5	10
T302 SA-0039	0.6	25
T302 SA-0040	0.5	5
T302 SA-0041	0.5	5
T302 SA-0042	0.5	5
T302 SA-0043	0.5	10
T302 SA-0044	0.4	5
T302 SA-0045	0.8	20
T302 SA-0046	0.8	15
T302 SA-0047	0.5	5
T302 SA-0048	1.0	5
T302 SA-0049	1.6	10
T302 SA-0050	1.5	5
T302 SA-0051	0.9	10
T302 SA-0052	0.6	10
T302 SA-0053	1.2	5
T302 SA-0054	0.4	15
T302 SA-0055	0.3	5
T302 SA-0056	1.0	20
T302 SA-0057	0.6	5
T302 SA-0058	0.7	5
T302 SA-0059	0.6	5
T302 SA-0060	0.3	5
T302 SA-0061	0.7	10
T302 SA-0062	0.9	5

FIGURE 1

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

OMINECA MINING DIVISION, B.C.

LOCATION MAP

KILOMETRES

0 50 100 200 300 400

description	Ag ppm	Au ppb
T302 RE-0125	0.7	5
T302 RF-0082	0.1	5
T302 RF-0083	0.1	5
T302 RF-0086	0.1	5
T302 RH-0056	MISSING	MISSING
T302 SC-0063	0.1	5
T302 SC-0096	0.1	5
T302 SD-0334	0.5	5
T302 SD-0335	0.3	5
T302 SD-0336	0.2	5
T302 SD-0337	0.2	20
T302 SD-0338	0.2	10
T302 SD-0339	0.5	5
T302 SD-0340	0.2	15
T302 SD-0341	0.1	5
T302 SG-0254	0.1	70
T302 SG-0255	0.1	130
T302 SG-0256	0.3	40
T302 SG-0257	0.1	30
T302 SG-0258	0.3	50
T302 SG-0259	0.1	20
T302 SG-0260	0.1	50
T302 SG-0261	0.2	10
T302 SG-0262	0.4	40
T302 SG-0263	0.2	20
T302 SG-0264	0.2	50
T302 SG-0265	0.2	40
T302 SG-0266	0.3	50
T302 SG-0267	0.1	70
T302 SG-0268	0.4	60
T302 SG-0269	0.1	10
T302 SG-0270	0.1	10
T302 SG-0271	0.2	10
T302 SG-0272	0.1	10
T302 SG-0273	0.3	10
T302 SG-0274	0.2	30
T302 SG-0275	0.2	30
T302 SG-0276	0.1	10
T302 SG-0277	1.2	10
T302 SG-0278	0.1	10
T302 SG-0279	0.4	5
T302 SG-0280	0.2	15
T302 SG-0281	0.1	10
T302 SG-0282	0.1	5
T302 SG-0283	0.1	10
T302 SG-0284	0.1	5
T302 SG-0285	0.2	5
T302 SG-0286	0.1	5
T302 SG-0288	0.4	5
T302 SG-0289	0.5	10
T302 SG-0290	0.1	10
T302 SG-0291	0.1	15
T302 SG-0292	0.2	5
T302 SG-0294	0.2	10
T302 SG-0295	0.3	5
T302 SG-0296	0.5	5
T302 SG-0297	0.2	<5
T302 SG-0300	0.4	<5
T302 SG-0301	0.4	<5
T302 SG-0302	0.3	10
T302 SG-0303	0.2	5
T302 SG-0304	0.1	5

APPENDIX B

Rock Chip Sample Descriptions

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B	35	Soil derived in-situ from intermediate to felsic igneous rock
B	34	Soil derived in-situ from intermediate to felsic igneous rock
B	3	Intermediate to felsic igneous rock
B	13	Intercallated grey limestone and green tuff
B	14	Intermediate to felsic igneous rock and float
B	15	Altered tuff with sulphides
B	38	Soil derived from weathered phyllite
B	24	Intermediate to felsic igneous float (IFIF) with sulphatious argillic tuff
B	25	Altered tuff with sulphides
B	26	Limey garnet diopside skarn in igneous float
B	27	Oxidized limey argillite with sulphides
B	28	Limey intermediate to felsic igneous rock ± sulphides
B	29	Intermediate to felsic igneous rock
B	30	Argillaceous tuffs with sulphides
B	33	Skarn
B	36	Sulphide rich quartz
B	37	Fine grained tuff with quartz veining
B	39	Intermediate to felsic igneous rock
C	9	Finely laminated chert ± pyrite.
C	19	Gossanous chert float
C	64	Quartz rubble float
C	93	Intermediate to felsic igneous float with gossanous skarn
C	95	Intermediate to felsic igneous rock
C	96	Sulphide rich intermediate to felsic igneous rock
C	97A	Skarn within andesite
C	99	Skarned limestone

C	100	Massive sulphide band within skarn
C	101	Massive pyrrhotite
C	97B	Fine grained aplite dyke
E	109	Skarn
E	110	Skarn
E	111	Fe-rich skarn
E	112	Pyrrhotite-rich skarn ± sphalerite
E	113	Garnet skarn
E	114	Gossanous tuff
E	115	Mineralized quartz from iron rich shales
E	116	Dark intermediate to felsic igneous rock
E	117	Gossanous intermediate to felsic igneous rock
E	118	Pyrite rich intermediate to felsic igneous rock
E	119	Quartz from phylites
E	120	Pyrrhotite and pyrite rich intermediate to felsic igneous rock
E	121	Dark vuggy quartz
E	122	Vuggy weathered quart§ with boxwork often pyrite
E	123	Massive sulphides in skarn
E	124	Massive pyrite
E	125	Oxidized quartz
E	233	Weathered intermediate to felsic igneous rock
E	34	Intermediate to felsic igneous rock with pyrite
E	35	Intermediate to felsic igneous rock with pyrite
E	236	Cherty skarn with disseminated pyrite
E	237	Cherty skarn with pyrite
E	38	Intermediate to felsic igneous rock.
E	39	Pyrrhotite rich skarn float

E	40	Intermediate to felsic igneous rock with pyrite
E	41	Skarn with pyrrhotite
E	42	Skarn with quartz and pyrite
E	43	Weathered skarn with quartz and pyrite
E	45	Iron rich mineralized skarn
E	46	Garnet skarn with pyrrhotite
E	47	Iron rich garnet skarn
E	48	Intermediate to felsic igneous rock with pyrite
E	49	Iron Rich skarn
E	50	Cherty skarn with pyrrhotite
E	51	Garnet rich skarn
E	52	Mineralized intermediate to felsic igneous rock
E	53	Garnet Skarn
E	54	Intermediate to felsic igneous rock
E	55	Intermediate to felsic igneous rock
E	56	Altered iron rich intermediate to felsic igneous rock
E	57	Quartz boxwork after sulphides
E	58	Intermediate to felsic igneous rock
E	59	Intermediate to felsic igneous rock
E	60	Intermediate to felsic igneous rock with pyrrhotite
E	61	Pyrite rich skarn/intermediate to felsic igneous rock
E	62	Massive pyrrhotite
E	63	Massive pyrrhotite and pyrite
E	264	Massive pyrrhotite and pyrite in garnet skarn
E	274	Mineralized quartz float
F	4	Vuggy grey brown tuff
F	5	Highly weathered gossanous coarse sand derived in-situ
F	7A	Cherty sulphitic tuff

F 7B Intermediate to felsic igneous rock

F 82 Gossanous phyllite

F 83 Fine grained grey intermediate to felsic igneous rock with distinct quartz and plagio phenocrysts and cubic pyrite.

F 85 Extremely weather rock and soil derived in-situ from intermediate to felsic igneous rock

F 86 Gossanous argillite with minor quartz veining

F 151 Highly oxidized sulphides in phyllic tuff

F 152 Calcic float with pyrite

F 153 Gossanous tuff

F 154 Pyritic banded argillacous tuff

F 155 Magnetite

F 156 Highly oxidized sulphides

F 157 Tuff with pyrite and pyrrhotite

F 158 Tuff with pyrite and pyrrhotite

F 159 Cherty phyllite with associated quartz veining

F 160 Cherty phyllite with associated quartz veining and pyrrhotite, pyrite and arsenopyrite

F 161 Gossanous intermediate to felsic igneous rock with pyrite and pyrrhotite

F 162 Intermediate to felsic igneous rock

F 163 Intermediate to felsic igneous rock

F 164 Green-grey phyllite

F 165 Gossanous weathered argillite

F 166 Gossanous phyllite with pyrite and pyrrhotite

F 167 Phyllite with pyrite and pyrrhotite

F 168 Intermediate to felsic igneous rock with pyrite and pyrrhotite

F 169 Quartz vein material

F 170 Sulphitic tuff

F 204 Gossanous exhalitive quartz

F 205 Intermediate to felsic igneous rock

H 45 Quartz vein material

H 46 Intermediate to felsic igneous rock with pyrite

H 47 Intermediate to felsic igneous rock with pyrite

H 48 Intermediate to felsic igneous rock with pyrite

H 50 Gossanous oily seep

H 51 Intermediate to felsic igneous rock

H 52 Intermediate to felsic igneous rock

H 53 Intermediate to felsic igneous rock with black shales

H 54 Intermediate to felsic igneous rock with black shales

H 55 Intermediate to felsic igneous rock with black shales

H 56 Gossanous soil derived in-situ

H 57 Pyritized tuff and phyllite

H 58 Gossanous soil derived in-situ from phyllite

H 137 Phyllitic tuff with pyrite and pyrrhotite

H 138 Phyllitic tuff with pyrite and pyrrhotite

H 139 Phyllitic tuff with pyrite and pyrrhotite

H 140 Intermediate to felsic igneous rock with pyrite

H 141 Intermediate to felsic igneous rock with pyrite

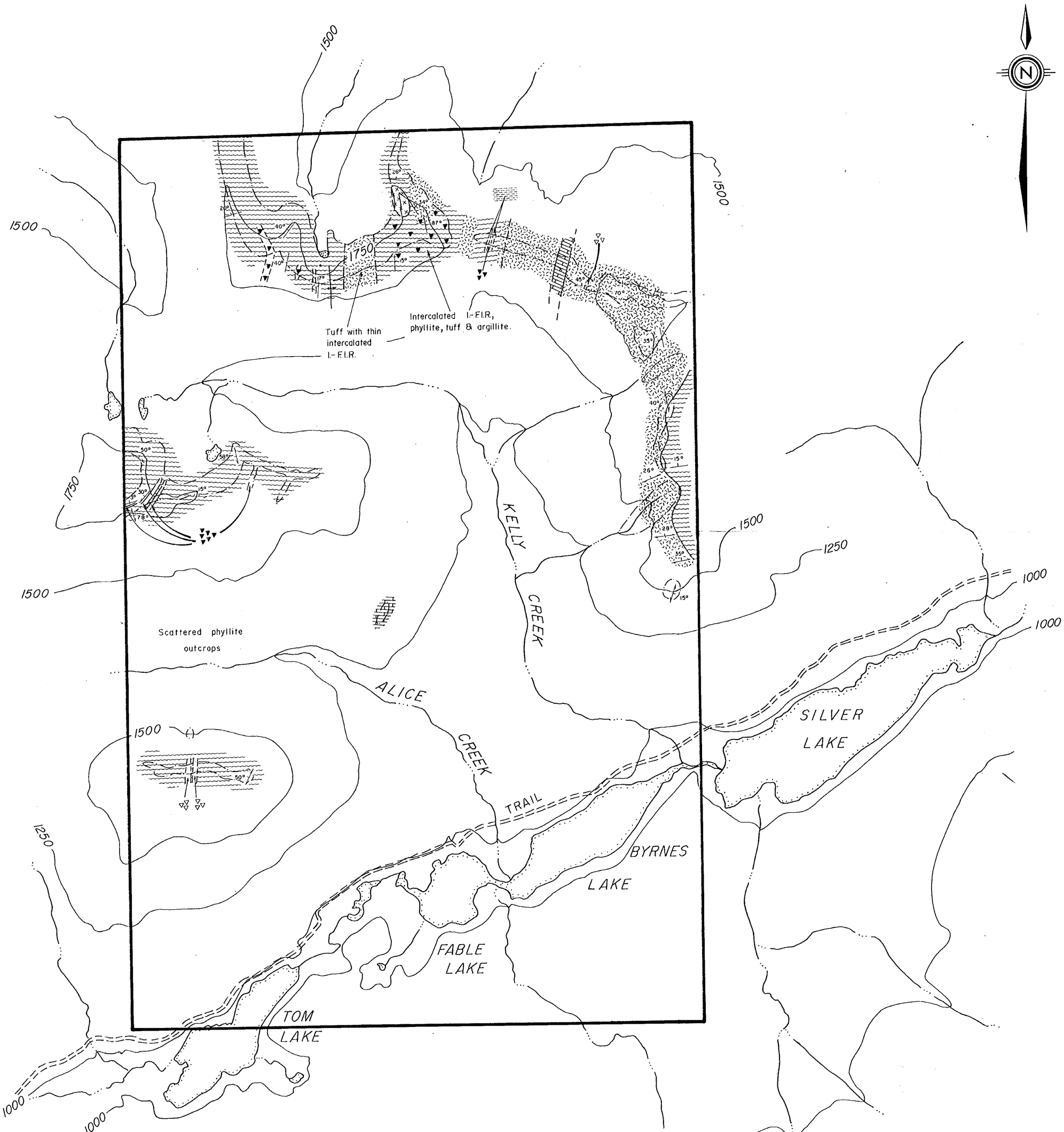
H 142 Recrystallized limestone with pyrite

H 143 Skarn with magnetite pyrrhotite and pyrite

H 144 Skarn with magnetite pyrrhotite and pyrite

H 145 Gossanous intermediate to felsic igneous rock

H 146 Skarn with pyrrhotite



STRATIGRAPHY

CACHE CREEK GROUP
PERMO-TRIASSIC

- Cherty Argillite, locally phyllitic
- Limestone, micritic, in part recrystallized
- Intermediate-felsic igneous rocks
- Intermediate-felsic igneous float
- Phyllite
- Tuff, locally intercalated with limestone or phyllite
- Biotite hornblende feldspar porphyry

SYMBOLS

- Bedding; with amount of dip
- Bedding; vertical
- Foliation; with amount of dip
- Foliation; vertical
- Syncline
- Anticline
- Dyke; with amount of dip
- Dyke; vertical
- Geological Contact - very uncertain
- uncertain
- observed
- Outcrop

FIGURE 4

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

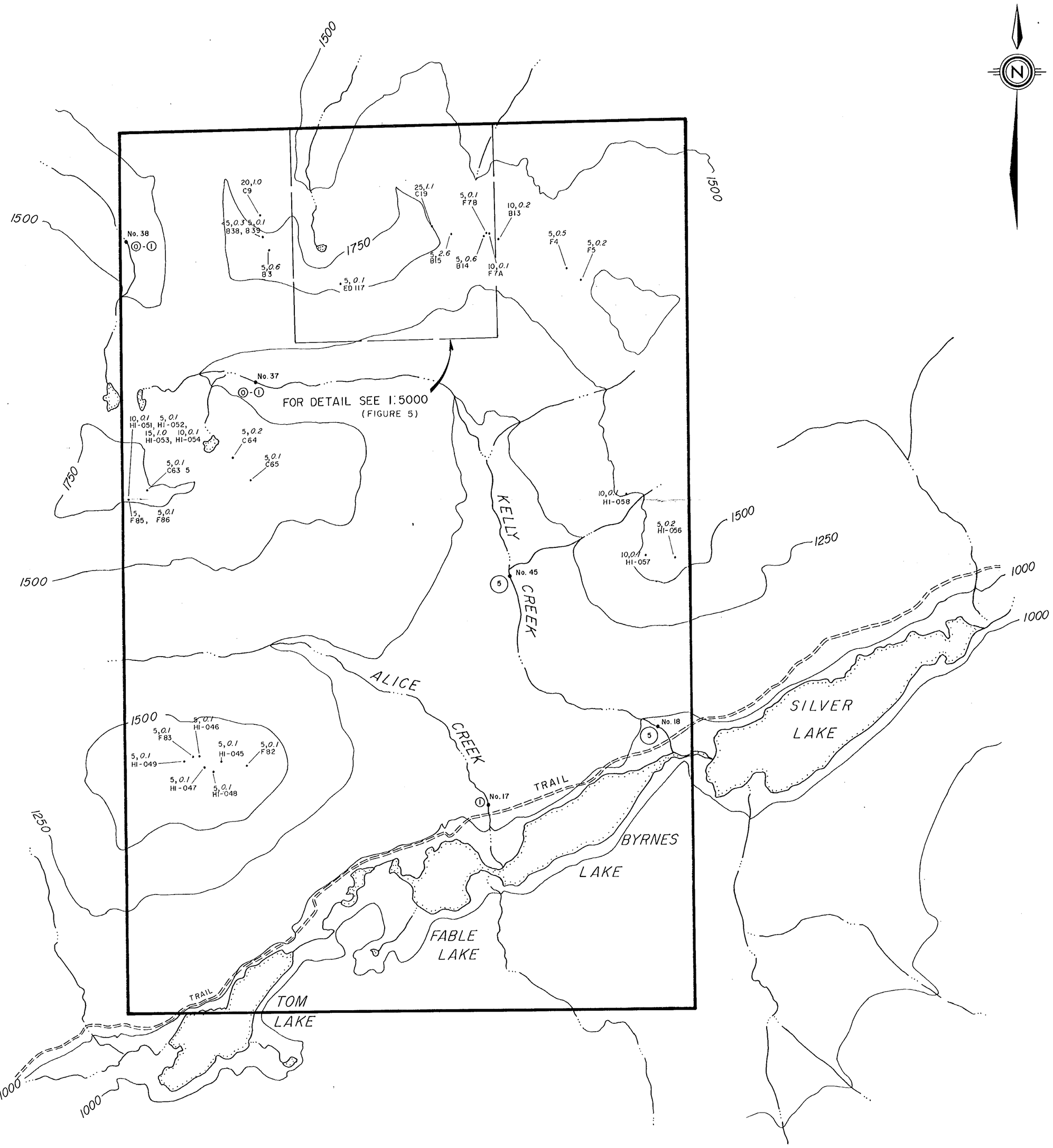
GEOLOGICAL BRANCH
ASSESSMENT REPORT

GEOLOGY

12,543

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

10, 0.1 — Au (ppb), Ag (ppm)

B13 — Rock chip sample number

(5) — Heavy Sediment Sampling Location

Scale of Au from 1 to 10

No. 18 — Sample number

Scale of Au

0 1 2 3 4 5 6 7 8 9 10

FIGURE 5

GOLDEN PORPHYRITE LTD.

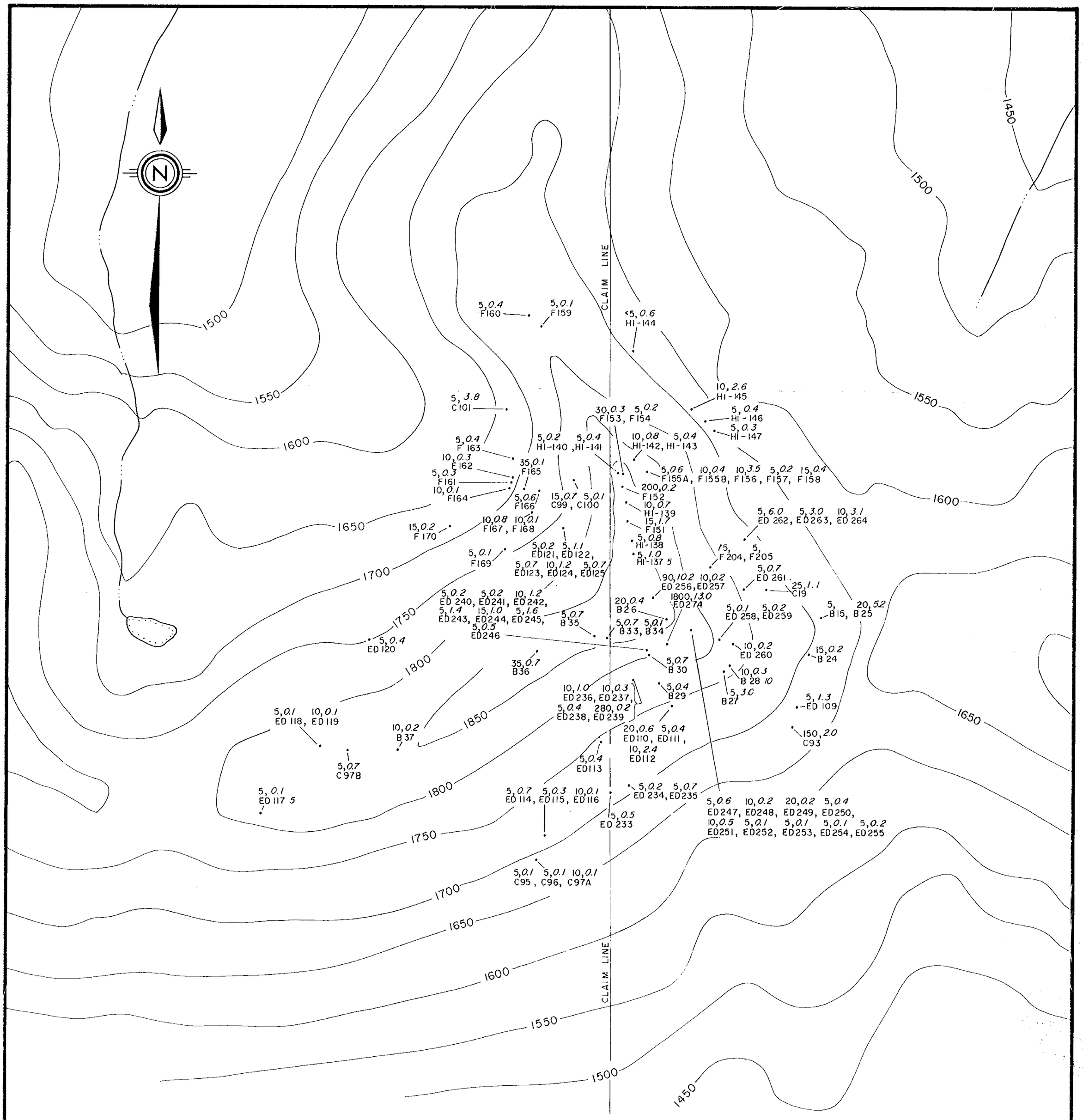
KELLY CREEK PROPERTY

ROCK CHIP GEOCHEMICAL AND HEAVY SEDIMENT SAMPLING LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5

GEOLOGICAL BRANCH
ASSESSMENT REPORT
12,543



LEGEND

5, 0.7 – Au (ppb), Ag (ppm)

ED 244 – Rock chip sample number

FIGURE 6

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

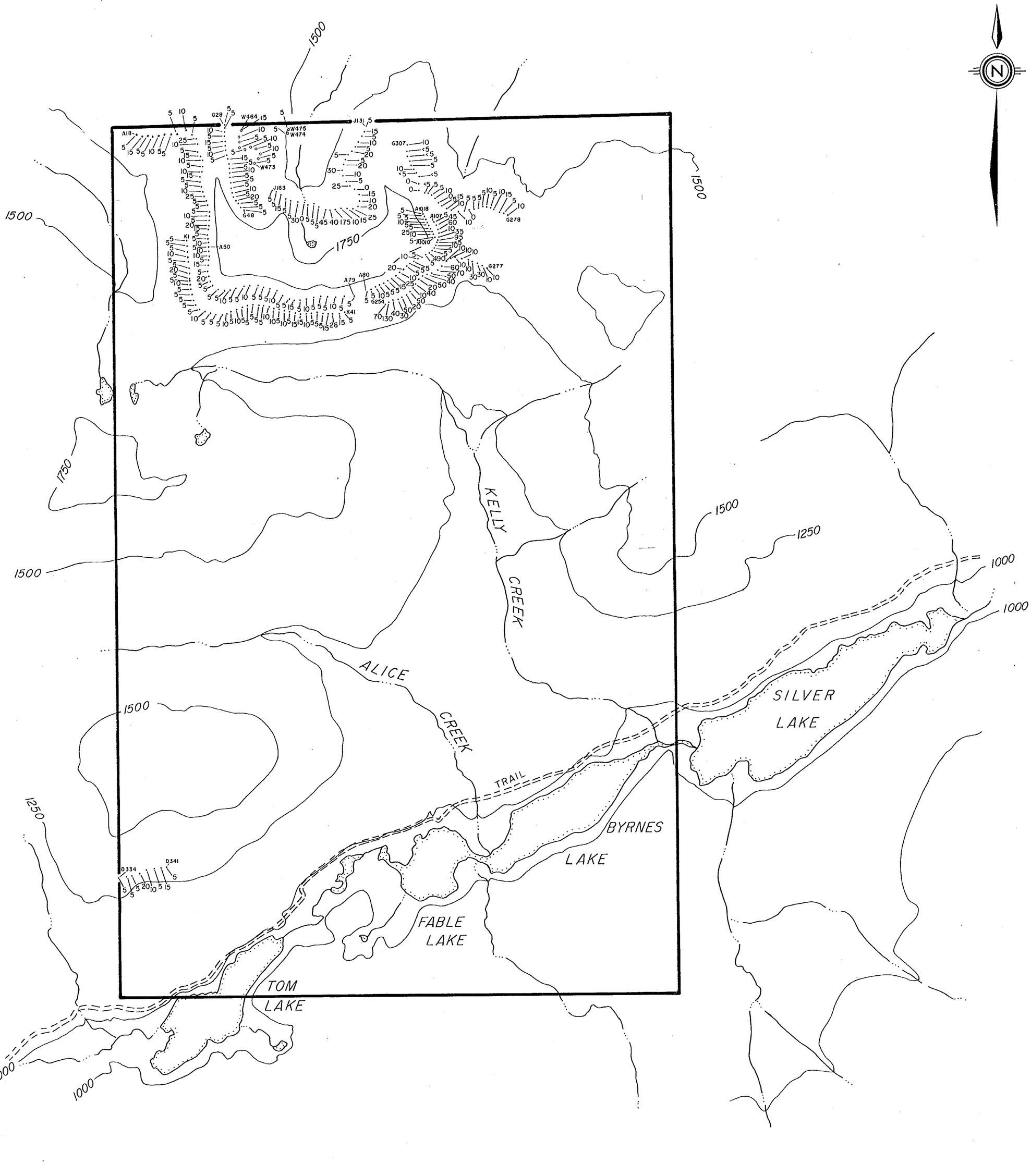
DETAILED ROCK CHIP GEOCHEMICAL LOCATION PLAN

METRES

0 100 200 300 400 500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,543



LEGEND

20	–	Au (ppb)(Only anomolous values plotted)
·D333	–	Soil Sample Number
0	–	Indicates sample missing.
◦ W473		Sample taken in October, 1983

FIGURE 7

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

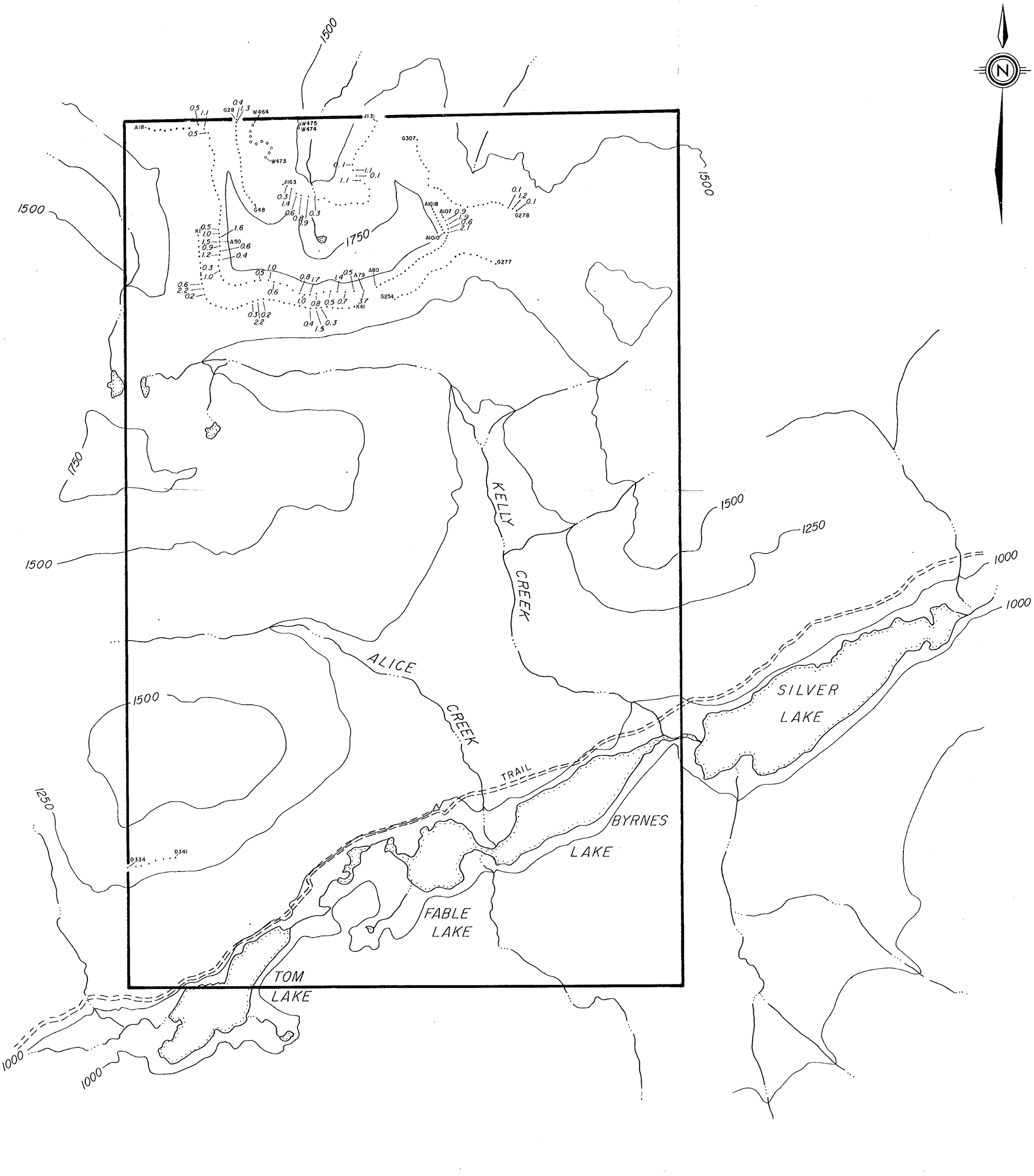
SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,543



LEGEND

1.5	–	Ag (ppm) **Only anomalous values plotted**
·D333	–	Soil Sample Number
0	–	Indicates sample missing.
∘ W473		Sample taken in October, 1983

FIGURE 8

GOLDEN PORPHYRITE LTD.

KELLY CREEK PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,543