GOLDEN PORPHYRITE LTD.

1983

ASSESSMENT REPORT

ON THE

GEOLOGICAL AND GEOCHEMICAL SURVEYS

ON THE TOM PROPERTY

JO 53, 54, 60 - 63, 68 - 74

OMINECA MINING DIVISION, BRITISH COLUMBIA

55° 35' N, 125° 36' W
N.T.S. 93N/12

OWNER: HARDY INTERNATIONAL DEVELOPMENTS LTD.

OPERATOR: GOLDEN PORPHYRITE LTD.

M.S. Macfarlane, M.Sc.
David Nelles, B.Sc.
Golden Porphyrite Ltd.

MAY 1984

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INTRODUCTION

The Tom property consisting of claims Jo 53 - 54, 60 - 63 and 68 - 74 (241 units) is located 25 km northeast of Takla Landing and 135 km northeast of Smithers in the Omineca Mining Division. Its National Topographic Survey location is 93N/12 at 55° 35' north latitude and 125° 36' 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 500 D helicopter based at Takla Landing, a return trip taking 20 minutes.

The Property is characterized by the westerly flowing broad U-shaped valley of Tom Creek. High ground is present to the south and includes Mt. Tom, at 1,852 m, the highest peak on 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.

Tom Creek has had a long history of placer gold mining since 1889, 20 years after the initial discovery of gold in the district. The creek was worked extensively from its confluence with Kenny Creek to 7 km above its month. The recorded placer gold production to 1950 was 2,402 oz and active operations continue to this day. One mineral claim was staked on the present property to explore a weakly oxidized rock exposure in a steep walled tributary of Tom Creek and to locate the source of the placer gold. The Tom claim has since expired with inconclusive results.

FIGURE 1

GOLDEN PORPHYRITE LTD.

TOM PROPERTY

OMINECA MINING DIVISION, B.C.

LOCATION MAP

KILOMETRES

0 50 100 200 300 400

With the recent development of a new gold occurrence model involving large tonnage, low grade deposits, the owner, Hardy International Developments Ltd., 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 Tom 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 geologically mapped and prospected over an area of approximately 60 km^2. A total of 90 geochemical rock chip and 210 soil samples were collected.

For grouping purposes the Tom property will be divided into three groups, Tom 1, Tom 2 and Tom 3, (fig. 2).

Claim Name	No. Units	Tag No.	Owner of Record	Date Located	Date Recorded	Record No.
TOM 1						
Jo 60	6	69947	Hardy Int'l Developments	09.06.83	21.06.83	5292
Jo 61	15	69948	"	11.06.83	21.06.83	5293
Jo 68	20	69955	"	12.06.83	21.06.83	5300
Jo 71	20	69958	"	12.06.83	21.06.83	5303
Jo 74	20	69963	"	25.06.83	30.06.83	5306
TOM 2						
Jo 53	20	69940	"	10.06.83	21.06.83	5285
Jo 62	20	69949	"	10.06.83	21.06.83	5294
Jo 69	20	69956	"	11.06.83	21.06.83	5301
Jo 72	20	69959	"	11.06.83	21.06.83	5304
TOM 3						
Jo 54	20	69941	"	08.06.83	21.06.83	5286
Jo 63	20	69950	"	08.06.83	21.06.83	5295
Jo 70	20	69957	"	09.06.83	21.06.83	5302
Jo 73	20	69960	"	12.06.83	21.06.83	5305

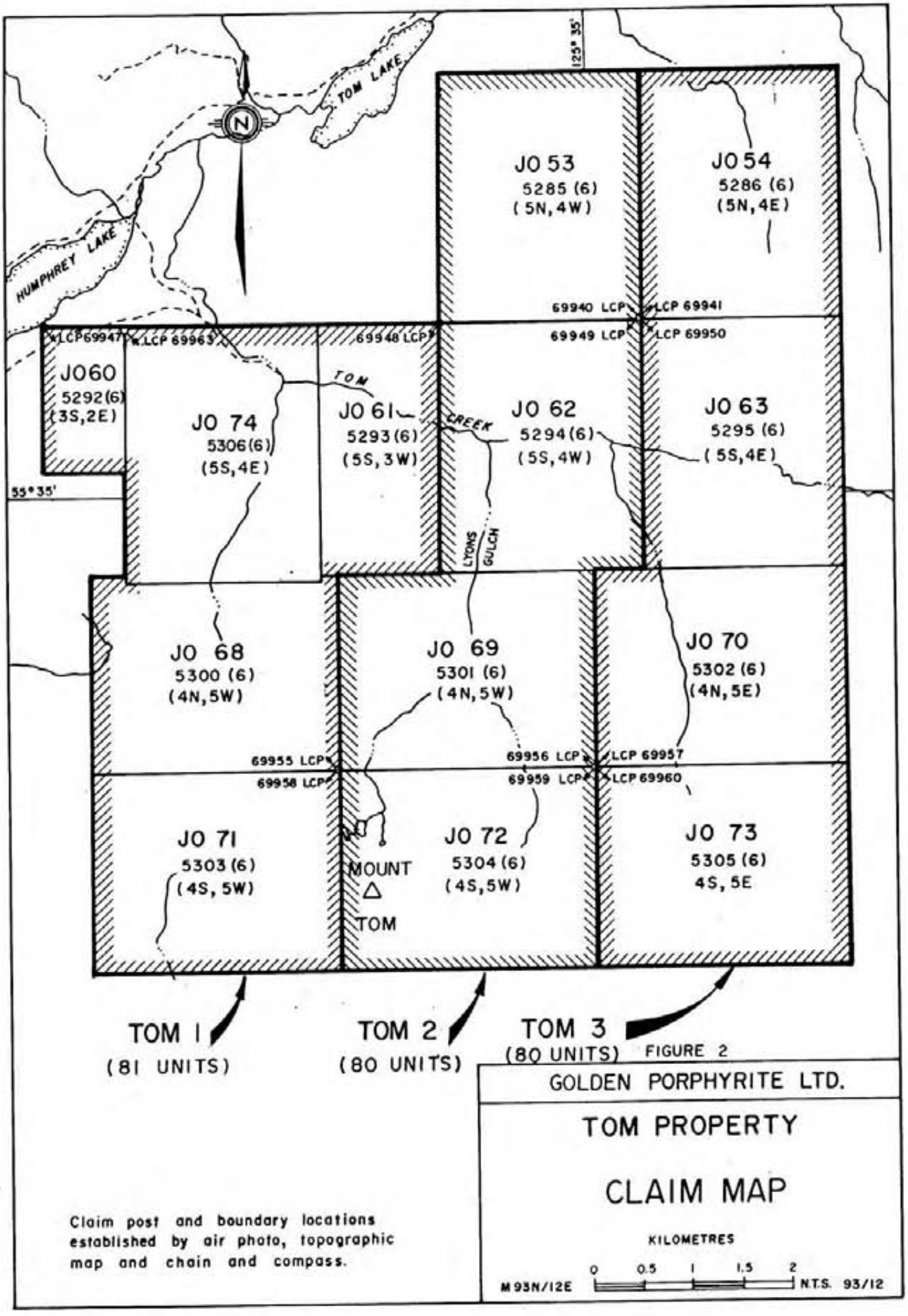


FIGURE 2

GOLDEN PORPHYRITE LTD.

TOM PROPERTY

CLAIM MAP

GEOLOGICAL SURVEY

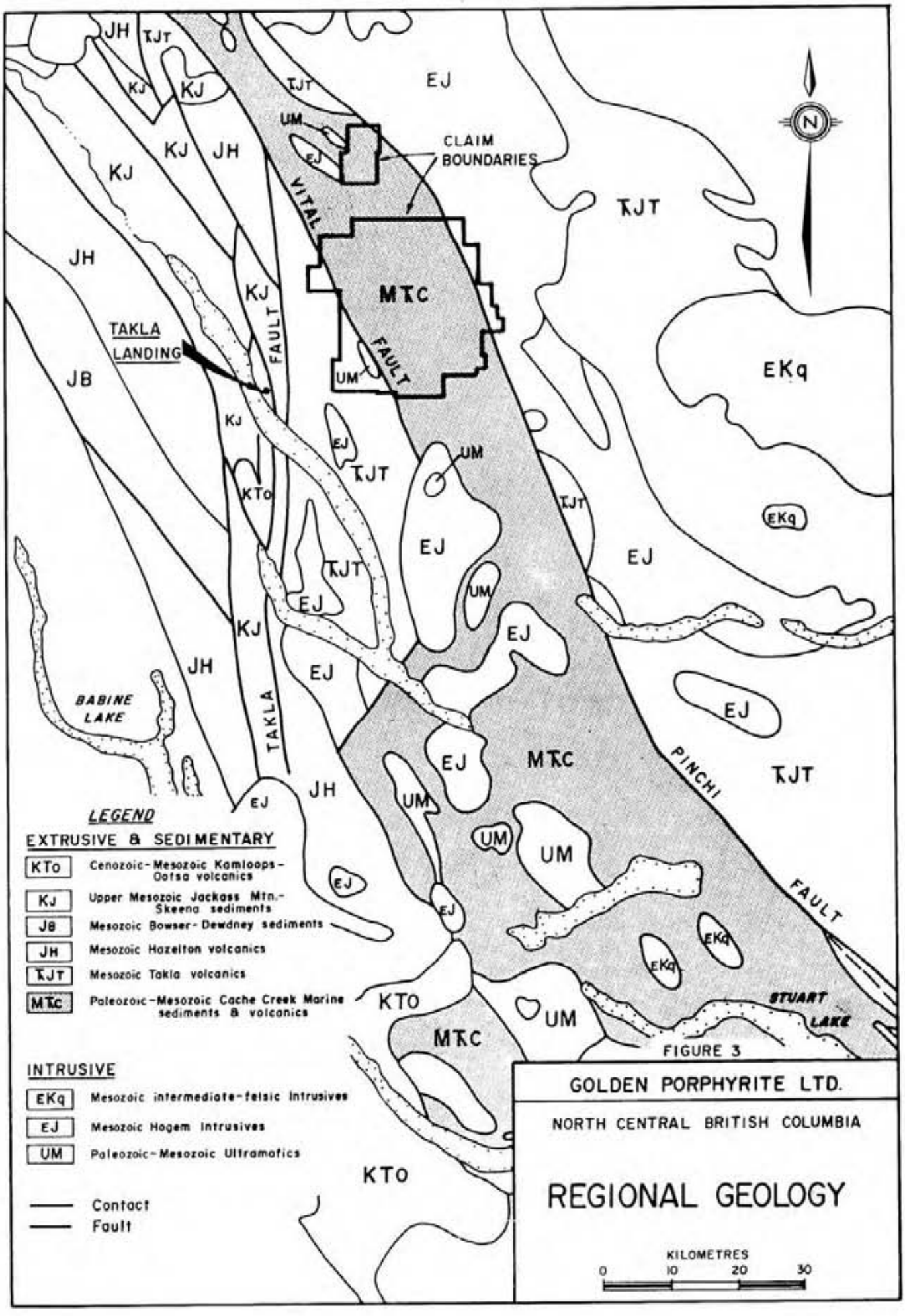
Regional Geology

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 Tom property was geologically mapped and prospected at a scale of 1:20,000 predominantly along ridge crests and slopes, over an area of 60 km^2.

Units of the Cache Creek Group present within the Tom property are: limestone, phyllite, tuff and intermediate to felsic igneous rocks, (fig. 4). The limestone occurs as thinly bedded to massive units 300 - 400 m wide in surface 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, fine to medium grained, vesicular, vuggy units of probable andesitic origin. Foliation is well developed in part and is parallel or sub-parallel to the original bedding, where seen.


JH
TJT
KJ
KJ
EJ
TJT
UM
EJ
CLAIM
BOUNDARIES
KJ
KJ
JH
VITAL
TJT
N
JH
KJ
MTc
FAULT
TAKLA
LANDING
FAULT
UM
EKq
JB
KJ
EJ
TJT
UM
KTo
TJT
EKq
EJ
EJ
TJT
EJ
UM
KJ
EJ
JH
EJ
BABINE
LAKE
TAKLA
EJ
MTc
PINCHI
TJT
JH
UM
UM
UM
FAULT
EJ
EKq
EKq
KTO
UM
STUART
LAKE
MTc
FIGURE 3
KTO
LEGEND
EXTRUSIVE & SEDIMENTARY
KTo Cenozoic-Mesozoic Kamloops-Oatsa 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
GOLDEN PORPHYRITE LTD.
NORTH CENTRAL BRITISH COLUMBIA
REGIONAL GEOLOGY
KILOMETRES
0 10 20 30

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 though 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 subcrop on the ridge west of Lyons Gulch 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 resulted 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 limestone 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 + sphere ± epidote ± glaucophane ± stilpnomelane ± calcite ± dolomite ± white mice.

GEOCHEMICAL SURVEY

A total of 210 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 90 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).

Anomalous gold geochemical values of 150 ppb from rock chip and 50 ppb from soil were obtained from the spur between Lyons Gulch, and the most westerly tributary of Tom Creek, (fig. 5, 6, and 7).

Anomalous silver geochemical soil values were obtained from two areas on the Property:

1. From the spur between Lyons Gulch and the most westerly tributary of Tom Creek, 5 values between 1.1 and 2.3 ppm Ag are present.

2. 13 values with a high of 2.6 ppm and a low of 1.0 ppm Ag were obtained from the east-west trending ridge in the northern part of the Property, (fig. 8).

Highly anomalous gold values of 1350 ppb and 350 ppb Au and a silver value of 10 ppm Ag were obtained from float in the south-east part of the property.

HEAVY SEDIMENT SAMPLING

Heavy sediment samples were taken at six localities on the Property and approximately 0.2 m^3 of material was processed at each locality, (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.

The highest value of 2 - 3 was obtained from sample #7 from the most westerly tributary of Tom Creek. An anomalous gold value has been located on a spur above this tributary.

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 along the spur to the west of Lyons Gulch.

COST STATEMENT

WAGES:	2 people @ $200/day inc benefits for 12.35 days	2,470.00
	6 people @ $115/day inc benefits for 51 days	5,865.00
	2 people @ $143.75/day inc benefits for 14 days	2,013.02
	4 people @ $57.5/day inc benefits for 22.6 days	1,299.50
	2 people @ $92/day inc benefits for 3.5 days	322.00
		$11,969.52
SAMPLES:	90 rocks @ $7.25 Au	652.50
	210 soils @ $6.25 Au	1,417.50
	300 rocks and soils @ $1.75 Ag	525.00
		$ 2,595.00
ROOM:	90.2 man days @ $11.30/man day	$ 1,019.13
BOARD:	90.2 man days at $17.40/man day	$ 1,570.32
HELICOPTER:	Hughes 500D - 11.25 hours at $550/hour (incl. fuel)	$ 6,176.25
GROUND AND FIXED WING TRANSPORT	Vancouver to Project area and return	$ 2,135.27
EQUIPMENT	Purchase, rental and repair and consumables	$ 2,634.73
OFFICE	Drafting, mapping, interim report preparation and office overhead	$ 3,753.36
MANAGEMENT FEE		$ 3,185.36
TOTAL		$35,038.94

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 53, 54, 60 - 63 and 68 - 74 mineral claims.

H.S. Macfarlane, M.Sc.

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

QUALIFICATIONS

I, David M. Nelles, do hereby certify that:

1. I am a Geologist presently residing in Vancouver, B.C. with business office at #403-750 West Pender Street, Vancouver, B.C. and am employed by Golden Porphyrite Ltd.

2. I am a graduate of the University of B.C. with a Bachelor of Science degree in Geology.

3. This report is based on approximately one month of field examination on the Tom property.

4. I have no interest, direct or indirect in the Tom property or Hardy International Developments Ltd. nor do I expect to receive any.

David M. Nelles, B.Sc.

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

APPENDIX A

Geochemical Sample Results

Sample	Ag ppm	Au ppb
T305 SK-0061	0.1	5
T305 SK-0062	1.1	5
T305 SK-0073	0.1	20
T305 SK-0074	0.1	<5
T305 SK-0075	0.1	10
T305 SK-0076	0.1	25
T305 SK-0077	0.1	5
T305 SK-0078	0.2	5
T305 SK-0079	2.3	5
T305 SK-0079A	0.7	5
T305 SK-0080	0.8	20
T305 SK-0081	0.2	5
T305 SK-0082	0.2	15
T305 SK-0082A	0.2	10
T305 SK-0083	0.6	35
T305 RB-0019	0.3	350
T305 RB-0020	0.2	20
T305 RB-0023	0.2	5
T305 RC-0035A	0.1	5
T305 RC-0035B	0.1	5
T305 RE-0014	0.3	5
T305 RE-0015	0.3	10
T305 RH-0009	0.5	5
T305 RH-0011	0.5	10
T305 RH-0012	0.5	15
T305 RH-0013	0.5	5
T305 RH-0014	0.7	5
T305 RH-0015	0.1	25
T305 RH-0016	0.2	5
T305 RH-0017	0.3	10
T305 RB-0055	0.1	5
T305 RB-0056	0.1	10
T305 RB-0057	0.1	10
T305 RF-0026	0.1	5
T305 RF-0027	0.1	5
T305 RF-0030	0.1	5
T305 RF-0032	0.1	10
T305 RF-0033	0.1	5
T305 RF-0034	0.1	10
T305 RF-0037	0.1	10
T305 RF-0038	0.1	5
T305 SG-0106	0.4	5
T305 SG-0107	0.4	5
T305 SG-0108	0.3	5
T305 SG-0109	0.5	5
T305 SG-0110	0.4	10
T305 SG-0111	0.4	10
T305 SG-0112	0.2	5
T305 SG-0113	0.3	5
T305 SG-0114	0.6	5
T305 SG-0115	0.3	5
T305 SG-0116	1.0	5
T305 SG-0117	0.3	10
T305 SG-0118	0.4	5
T305 SG-0119	0.3	5
T305 SG-0120	2.6	5
T305 SG-0121	0.4	5
T305 SG-0122	0.3	5
T305 SG-0123	0.4	5
T305 SG-0124	0.4	5

T305 RE-0187	0.1	5
T305 RE-0188	0.1	25
T305 RE-0189	0.1	10
T305 RE-0190	0.1	10
T305 RE-0191	0.1	5
T305 RE-0192	0.1	5
T305 RE-0193	0.1	5
T305 RE-0194	0.3	15
T305 RE-0195	0.2	10
T305 RE-0196	0.2	5
T305 RE-0197	0.1	15
T305 RE-0198	0.1	5
T305 RE-0199	0.1	10
T305 RE-0200	0.1	5
T305 RE-0201	0.1	25
T305 RE-0202	0.1	15
T305 RE-0203	0.1	10
T305 RE-0204	0.1	15
T305 RF-0113	0.1	15
T305 RF-0114	10.0	1350
T305 RF-0115	0.1	5
T305 RF-0116	0.1	5
T305 RF-0117	0.1	5
T305 RF-0118	0.2	10
T305 RF-0119	0.1	5
T305 RF-0120	0.2	15
T305 RF-0121	0.1	5
T305 RF-0122	0.1	10
T305 RF-0123	0.1	20
T305 RF-0124	0.1	5
T305 RF-0125	0.1	5
T305 RF-0126	0.1	10
T305 RF-0127	0.1	5
T305 RF-0128	0.1	5
T305 RF-0129	0.1	10
T305 RF-0130	0.1	15
T305 RF-0131	0.1	5
T305 RF-0132	0.1	10
T305 RF-0133	0.1	10
T305 RF-0134	0.1	10
T305 RF-0135	0.3	5
T305 RG-0601	0.1	5
T305 RG-0602	0.1	15
T305 RG-0603	0.1	5
T305 RG-0604	0.1	10
T305 RH-0044	0.1	15
T305 RH-0111	0.1	10
T305 RH-0112	0.1	5
T305 RH-0113	0.1	5
T305 RH-0114	0.1	5
T305 RH-0115	0.1	10
T305 RH-0116	0.1	5
T305 RH-0117	0.1	5
T305 RH-0118	0.1	10
T305 RH-0119	0.1	5
T305 RH-0120	0.1	10
T305 RH-0121	0.1	5
T305 RH-0122	0.4	5

Sample	Ag ppm	Au ppb
T305 SG-0125	0.2	5
T305 SG-0126	0.6	10
T305 SG-0127	0.3	5
T305 SG-0128	0.2	5
T305 SG-0129	0.2	5
T305 SG-0130	0.2	5
T305 SG-0131	0.2	5
T305 SG-0132	0.1	5
T305 RH-0018	0.1	5
T305 RH-0019	0.6	115
T305 SG-0073	0.3	10
T305 SG-0074	0.6	10
T305 SG-0075	0.4	5
T305 SG-0076	0.4	5
T305 SG-0077	1.0	10
T305 SG-0078	0.2	5
T305 SG-0079	0.1	10
T305 SG-0080	0.1	10
T305 SG-0081	0.1	5
T305 SG-0082	0.3	5
T305 SG-0083	0.2	5
T305 SG-0084	0.1	15
T305 SG-0085	0.3	5
T305 SG-0086	1.0	10
T305 SG-0087	0.7	10
T305 SG-0088	0.3	5
T305 SJ-0032	0.1	10
T305 SJ-0033	0.5	5
T305 SJ-0034	0.6	5
T305 SJ-0035	0.1	10
T305 SJ-0036	0.3	5
T305 SJ-0037	1.6	5
T305 SJ-0038	0.2	10
T305 SJ-0039	0.2	5
T305 SJ-0040	1.3	5
T305 SJ-0041	0.1	10
T305 SJ-0042	0.2	5
T305 SJ-0043	0.7	10
T305 SJ-0044	0.2	5
T305 SJ-0045	0.2	15
T305 SJ-0046	0.1	5
T305 SJ-0047	0.1	5
T305 SJ-0048	0.5	10
T305 SJ-0049	0.6	5
T305 SJ-0050	0.3	5
T305 SJ-0051	1.1	5
T305 SJ-0052	0.3	10
T305 SJ-0053	0.1	5
T305 SJ-0054	0.2	5
T305 SJ-0055	0.2	5
T305 SJ-0056	0.3	15
T305 SJ-0057	0.2	5
T305 SJ-0058	0.3	5
T305 SJ-0059	1.0	5
T305 SJ-0060	0.7	5
T305 SJ-0061	0.3	10
T305 SJ-0062	1.2	5
T305 SJ-0063	0.4	5
T305 SJ-0064	0.7	10
T305 SJ-0065	2.1	5
T305 SJ-0066	0.2	5
T305 SJ-0067	0.7	10
T305 SJ-0068	1.2	5

Sample	Ag ppm	Au ppb
T30S SD-0187	0.3	10
T30S SD-0188	0.3	10
T30S SD-0189	0.3	5
T30S SG-0605	0.1	10
T30S SG-0606	0.1	10
T30S SG-0607	0.1	5
T30S SG-0608	0.1	5
T30S SG-0609	0.1	5
T30S SG-0610	0.1	10
T30S SG-0611	0.1	5
T30S SJ-0392	0.1	5
T30S SJ-0393	0.3	10
T30S SJ-0394	0.1	5
T30S SJ-0395	0.1	5
T30S SJ-0396	0.1	15
T30S SJ-0397	0.3	5
T30S SJ-0398	0.1	10
T30S SJ-0399	0.2	10
T30S SJ-0400	0.1	5
T30S SJ-0401	0.1	5
T30S SJ-0402	0.1	15
T30S SJ-0403	0.1	10
T30S SJ-0404	0.1	10
T30S SJ-0405	0.1	5
T30S SJ-0406	0.1	5
T30S SJ-0407	0.1	5
T30S SJ-0408	0.1	15
T30S SJ-0409	0.1	10
T30S SJ-0410	0.1	5
T30S SJ-0411	0.1	20
T30S SJ-0412	0.1	5
T30S SJ-0413	0.1	5
T30S SJ-0414	0.1	10
T30S SJ-0415	0.2	5
T30S SJ-0416	0.1	5
T30S SJ-0417	0.1	10
T30S SJ-0418	0.2	15
T30S SJ-0420	0.1	10
T30S SJ-0422	0.1	5
T30S SJ-0423	0.1	5
T30S SK-0042	0.1	10
T30S SK-0043	0.2	5
T30S SK-0044	0.7	15
T30S SK-0045	0.5	10
T30S SK-0046	0.1	5
T30S SK-0047	0.1	15
T30S SK-0048	0.1	5
T30S SK-0049	0.1	5
T30S SK-0050	0.1	5
T30S SK-0051	0.1	5
T30S SK-0052	0.1	<5
T30S SK-0053	0.4	<5
T30S SK-0053A	0.1	5
T30S SK-0054	0.2	5
T30S SK-0055	0.1	20
T30S SK-0055A	0.1	10
T30S SK-0056	0.1	5
T30S SK-0057	0.1	5
T30S SK-0057A	0.1	5
T30S SK-0058	0.1	10
T30S SK-0059	0.1	10
T30S SK-0060	0.6	5

Sample	Ag ppm	Au ppb
T305 RH-0123	0.1	5
T305 RH-0124	0.4	5
T305 RH-0125	0.5	10
T305 SD-0128	0.5	5
T305 SD-0129	0.3	<5
T305 SD-0130	0.5	5
T305 SD-0131	0.3	15
T305 SD-0132	0.5	10
T305 SD-0133	0.1	5
T305 SD-0134	0.3	5
T305 SD-0135	0.6	5
T305 SD-0136	1.1	5
T305 SD-0137	0.6	10
T305 SD-0138	0.4	5
T305 SD-0139	0.4	10
T305 SD-0140	0.8	5
T305 SD-0141	0.3	5
T305 SD-0142	0.5	15
T305 SD-0143	1.0	5
T305 SD-0144	0.5	5
T305 SD-0145	0.5	<5
T305 SD-0146	0.4	10
T305 SD-0147	0.6	5
T305 SD-0148	0.4	<5
T305 SD-0149	0.2	5
T305 SD-0150	0.6	5
T305 SD-0151	0.4	10
T305 SD-0152	0.5	5
T305 SD-0153	0.3	<5
T305 SD-0154	0.5	5
T305 SD-0155	0.6	5
T305 SD-0156	0.6	5
T305 SD-0157	0.6	5
T305 SD-0158	0.5	5
T305 SD-0159	0.9	<5
T305 SD-0160	0.7	10
T305 SD-0161	0.7	5
T305 SD-0162	0.8	10
T305 SD-0163	0.9	5
T305 SD-0164	0.9	5
T305 SD-0165	0.9	5
T305 SD-0166	0.7	25
T305 SD-0167	0.6	10
T305 SD-0168	1.2	10
T305 SD-0169	0.5	50
T305 SD-0170	0.8	5
T305 SD-0171	0.7	10
T305 SD-0172	0.8	5
T305 SD-0173	1.1	5
T305 SD-0174	0.9	5
T305 SD-0175	0.8	10
T305 SD-0176	0.8	15
T305 SD-0177	1.1	30
T305 SD-0178	0.8	5
T305 SD-0179	0.7	5
T305 SD-0180	0.8	10
T305 SD-0181	1.1	5
T305 SD-0182	0.5	5
T305 SD-0183	0.4	15
T305 SD-0184	0.4	25
T305 SD-0185	0.2	20
T305 SD-0186	0.3	5

APPENDIX B

Rock Chip Sample Descriptions

B 19 Intermediate to felsic igneous float with cubic oxidized pyrite.

B 20 Intermediate to felsic igneous float.

B 23 Intermediate to felsic igneous float ± sulphides.

B 55 Quartz rich phyllites.

B 56 Phyllites.

B 57 Schistose shales and phyllites.

C 35a Intermediate to felsic igneous float.

C 35b Intermediate to felsic igneous float.

E 14 Box-work quartz with mariposite as float.

E 15 Intrusive dike? ± chalcopyrite.

E 187 Quartz with magnetite.

188 Intermediate to felsic igneous float with FeO_2 and quartz.

189 Quartz with sulphides and argillite.

190 Mariposite float with magnetite.

191 Mariposite float with magnetite.

192 Massive magnetite.

193 Fe rich intrusive(?) float boulders.

194 Mariposite.

195 Mariposite with pyrrhotite.

196 Mariposite with magnetite.

197 Mariposite with pyrite and magnetite.

198 Cherty mariposite.

199 Intermediate to felsic igneous float.

200 Mariposite ± magnetite.

201 Intermediate to felsic igneous rock with cubic pyrite and quartz veining.

202 Mariposite float.

203 Intermediate to felsic igneous rock with iron rich argillite.

E 204 Intermediate to felsic igneous rock.

F 30 Gossaneous intermediate to felsic igneous float with pyrite and mariposite.

F 32 Mariposite float.

F 33 Intermediate to felsic igneous float with mariposite.

F 26 Gossaneous phyllite with quartz veining.

27 Intermediate to felsic igneous float.

F 37 Fine grained pink-grey quartzite with interbedded tuff.

38 Quartzitic gossaneous tuff.

F 113 Phyllite with quartz veining

F 114 Intermediate to felsic igneous float with quartz veining.

F 115 Phyllite.

F 116 Phyllite with interbedded chert and cubic pyrite.

F 117 Black argillaceous phyllite.

F 118 Black argillaceous phyllite.

F 119 Intermediate to felsic igneous float with minor pyrite.

F 120 Black phyllite.

F 121 Quartz veined phyllite.

F 122 Phyllite

F 123 Phyllite with quartz veining.

F 124 Gossaneous quartz with phyllite.

F 125 Black phyllite with gossaneous interbands.

F 126 Banded phyllite and chert.

F 127 Phyllite, micaceous.

F 128 Gossaneous quartz.

F 129 Phyllite with quartz veining.

F 130 Black argillaceous phyllite.

F 131 Phyllite with minor quartz.

F 132 Phyllite with minor quartz.

F 133 Black phyllite with minor quartz.

F 134 Black phyllite.

F 135 Black phyllite.

G 601 Intermediate to felsic igneous float.

G 602 Intermediate to felsic igneous float.

G 603 Intermediate to felsic igneous float.

G 604 Intermediate to felsic igneous float.

J 422 Intermediate to felsic igneous float.

J 423 Intermediate to felsic igneous float.

H 9 Intermediate to felsic igneous rock with heavy pyrite mineralization.

H 11 Quartz banded intermediate to felsic igneous rock with pyrite .

H 12 Siliceous tuff.

H 13 Sulphitic tuff.

H 14 Intermediate to felsic igneous rock with pyrite and mariposite as float.

H 15 Intermediate to felsic igneous rock with pyrite.

H 16 Intermediate to felsic igneous rock.

H 17 Intermediate to felsic igneous rock with pyrite.

H 18 Intermediate to felsic igneous rock with pyrite and hematite.

H 19 Intermediate to felsic igneous rock heavily mineralized with sulphides.

H 44 Cherty argillites.

H 111 Mariposite.

H 112 Mariposite.

H 113 Intermediate to felsic igneous rock with large pyrite cubes.

H 114 Smokey quartz with pyrite and magnetite.

H 115 Smokey quartz with pyrite and magnetite.

H 116 Intermediate to felsic igneous rock with quartz seam and pyrite.

H 117 Smokey quartz with pyrite.

H 118 Smokey quartz with pyrite and magnetite.

H 119 Smokey quartz with pyrite.

H 120 Intermediate to felsic igneous rock.

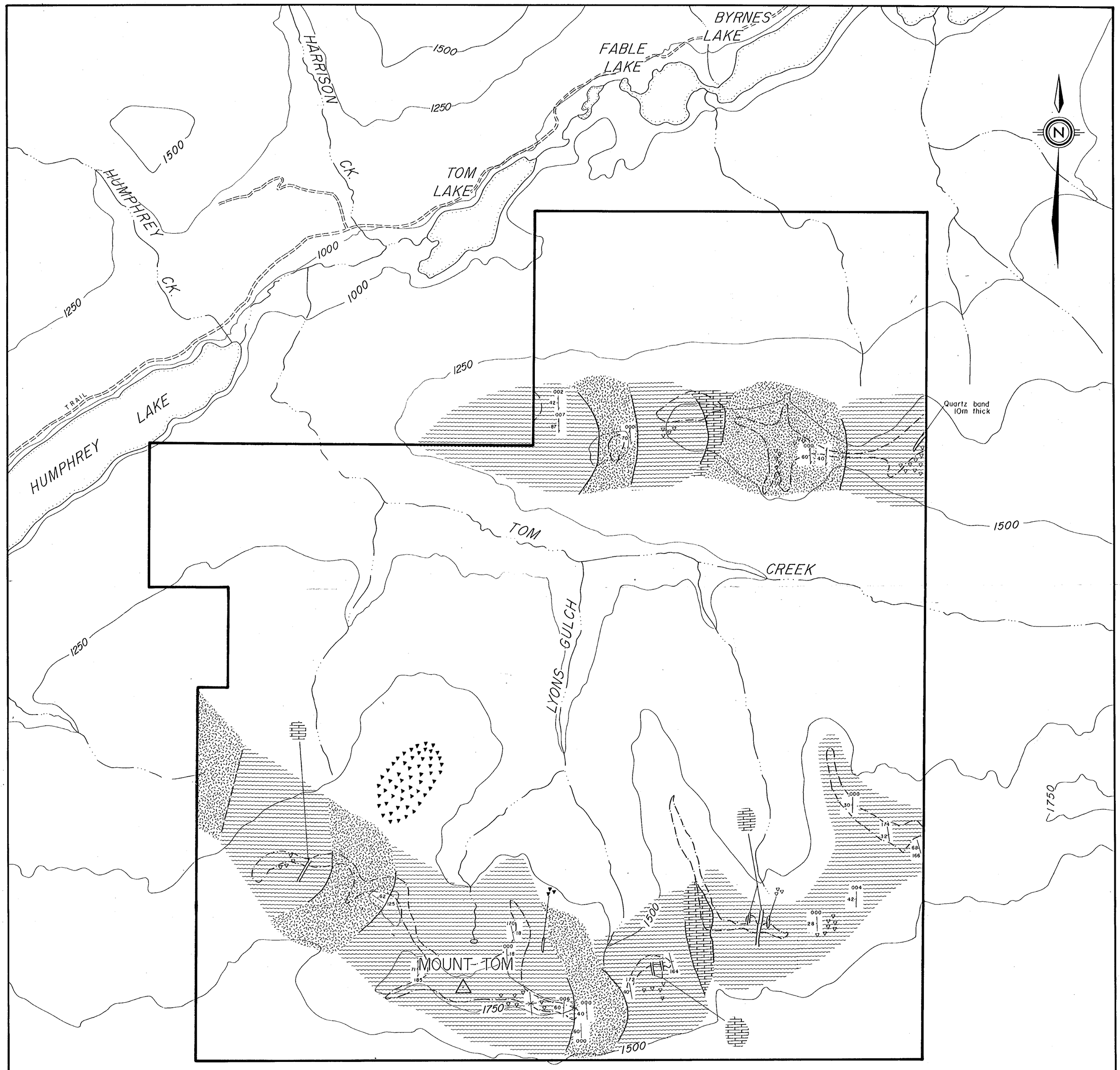
H 121 Fine grained intermediate to felsic igneous rock with pyrite.

H 122 Mariposite with pyrite and magnetite.

H 123 Intermediate to felsic igneous rock with pyrite and magnetite.

H 124 Quartz with pyrite.

H 125 Mariposite.



STRATIGRAPHY

CACHE CREEK GROUP
PERMO-TRIASSIC

- Limestone, micritic, in part recrystallized
- Intermediate - felsic igneous rocks
- Intermediate - felsic igneous float
- Phyllite, locally cherty or quartz rich
- Tuff, locally intercalated with limestone or phyllite

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

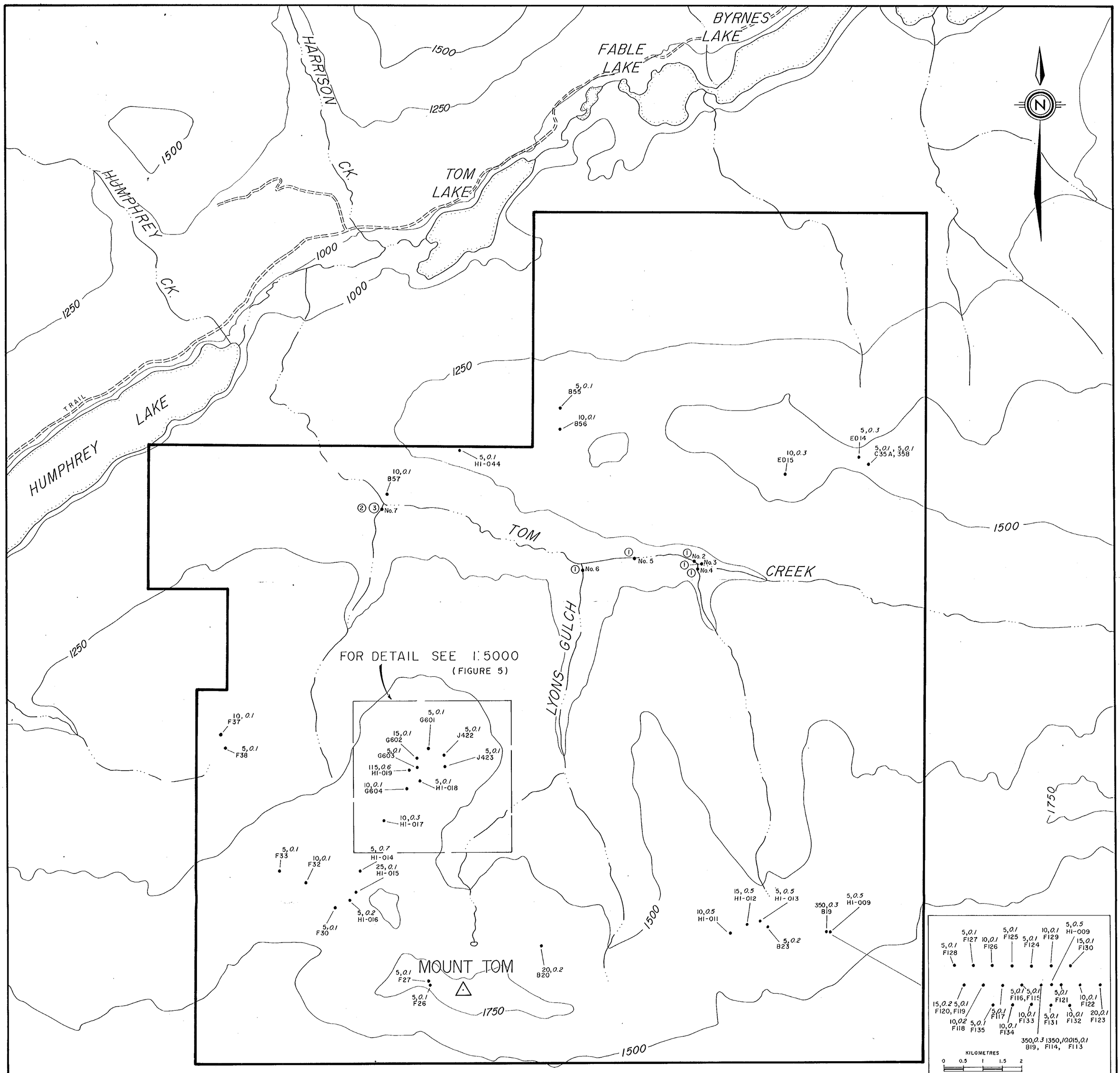
GOLDEN PORPHYRITE LTD.

TOM PROPERTY

GEOLOGY

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

5,0.1 — Au (ppb), Ag (ppm)

F26 — Rock chip sample number

Heavy Sediment Sampling Location

① — Scale of Au from 1 to 10

No. 2 — Sample number

Scale of Au

⓪ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

FIGURE 5

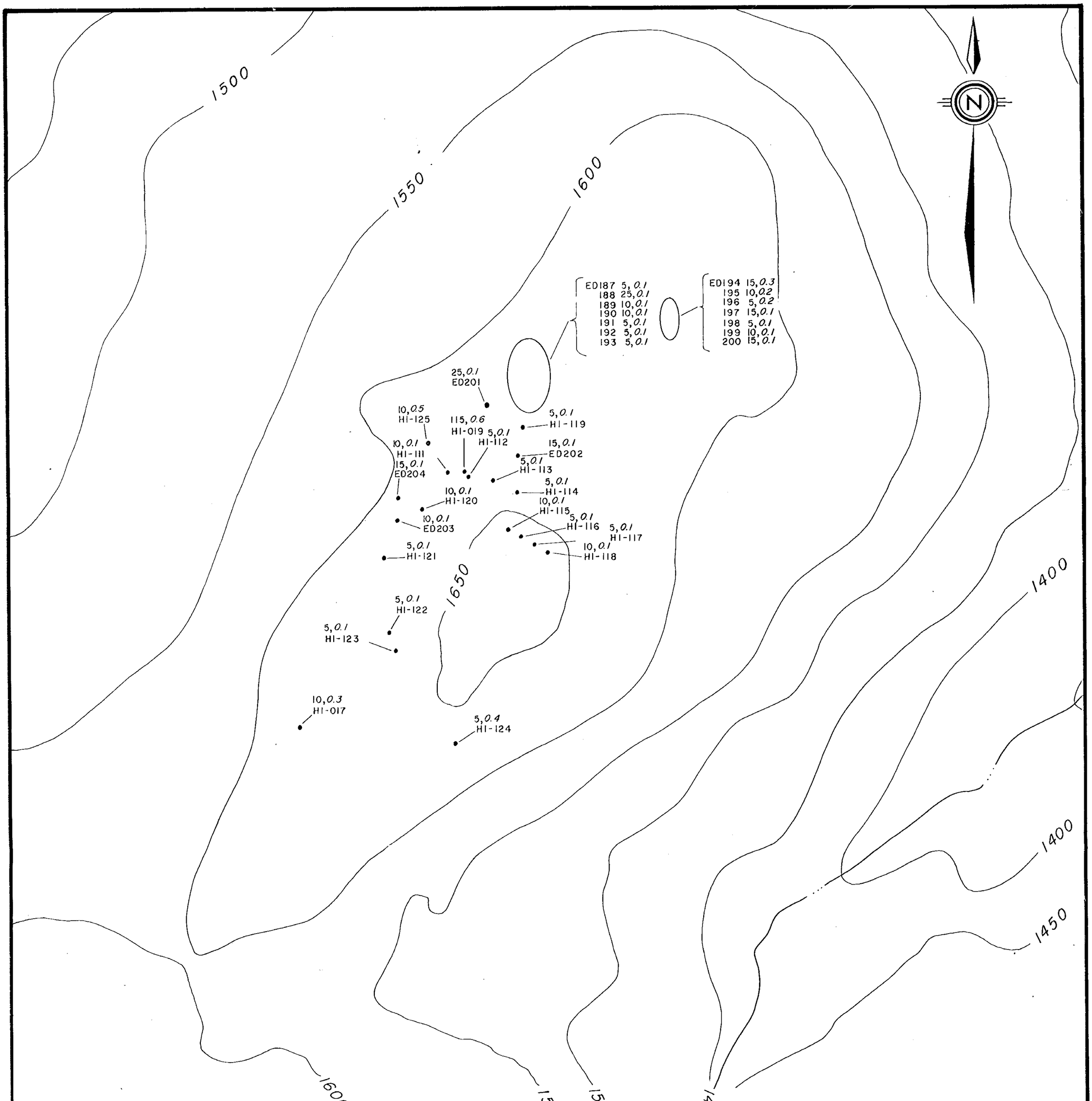
GOLDEN PORPHYRITE LTD.

TOM PROPERTY

ROCK CHIP GEOCHEMICAL AND HEAVY SEDIMENT SAMPLING LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

5, 0.1 – Au (ppb), Ag (ppm)

ED 202 – Rock chip sample number

FIGURE 6

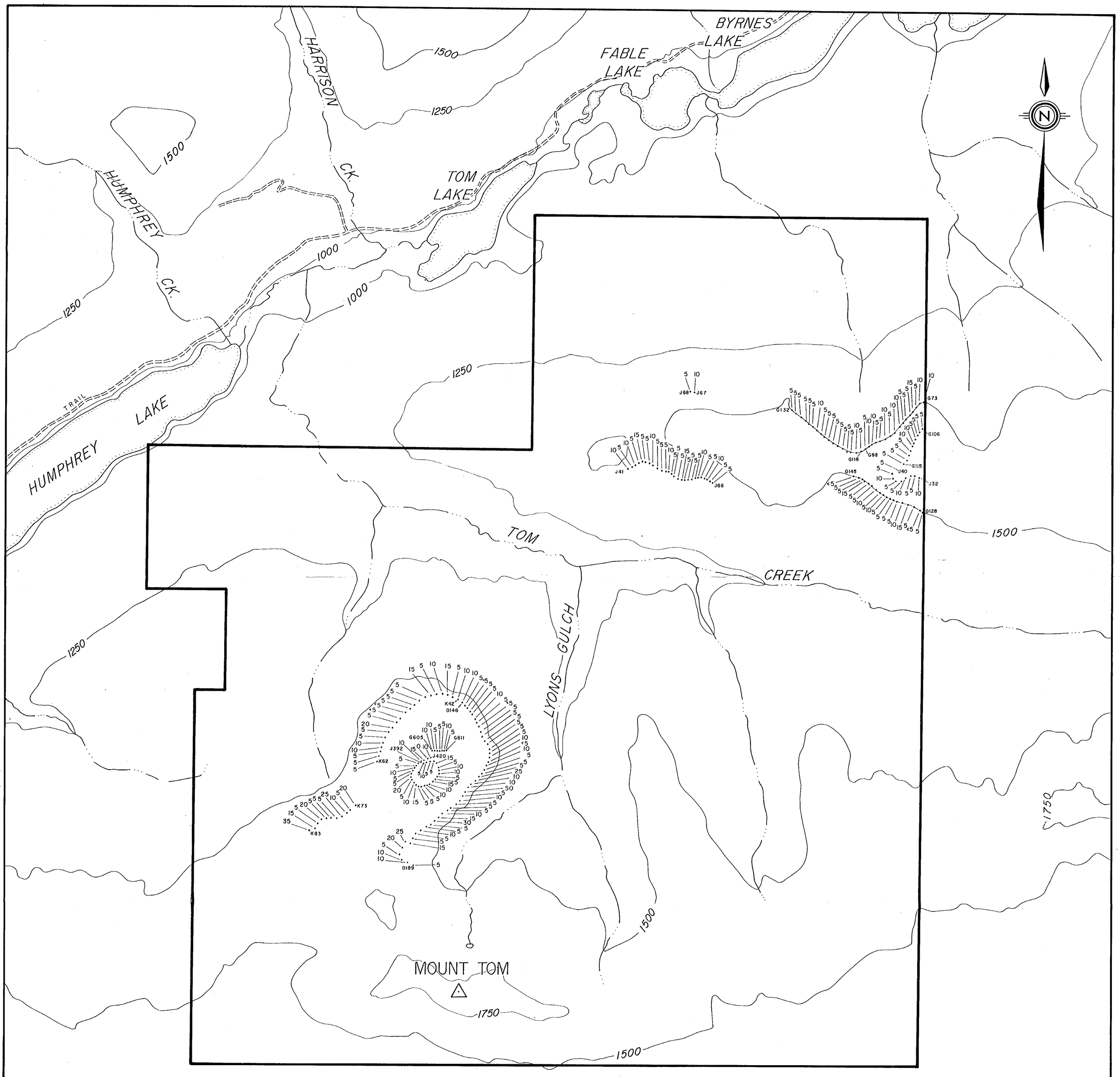
GOLDEN PORPHYRITE LTD.

TOM PROPERTY

DETAILED ROCK CHIP GEOCHEMICAL LOCATION PLAN

METRES

0 100 200 300 400 500



LEGEND

5	Au (ppb)
D128	Soil sample number
0	Indicates sample missing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,551

FIGURE 7

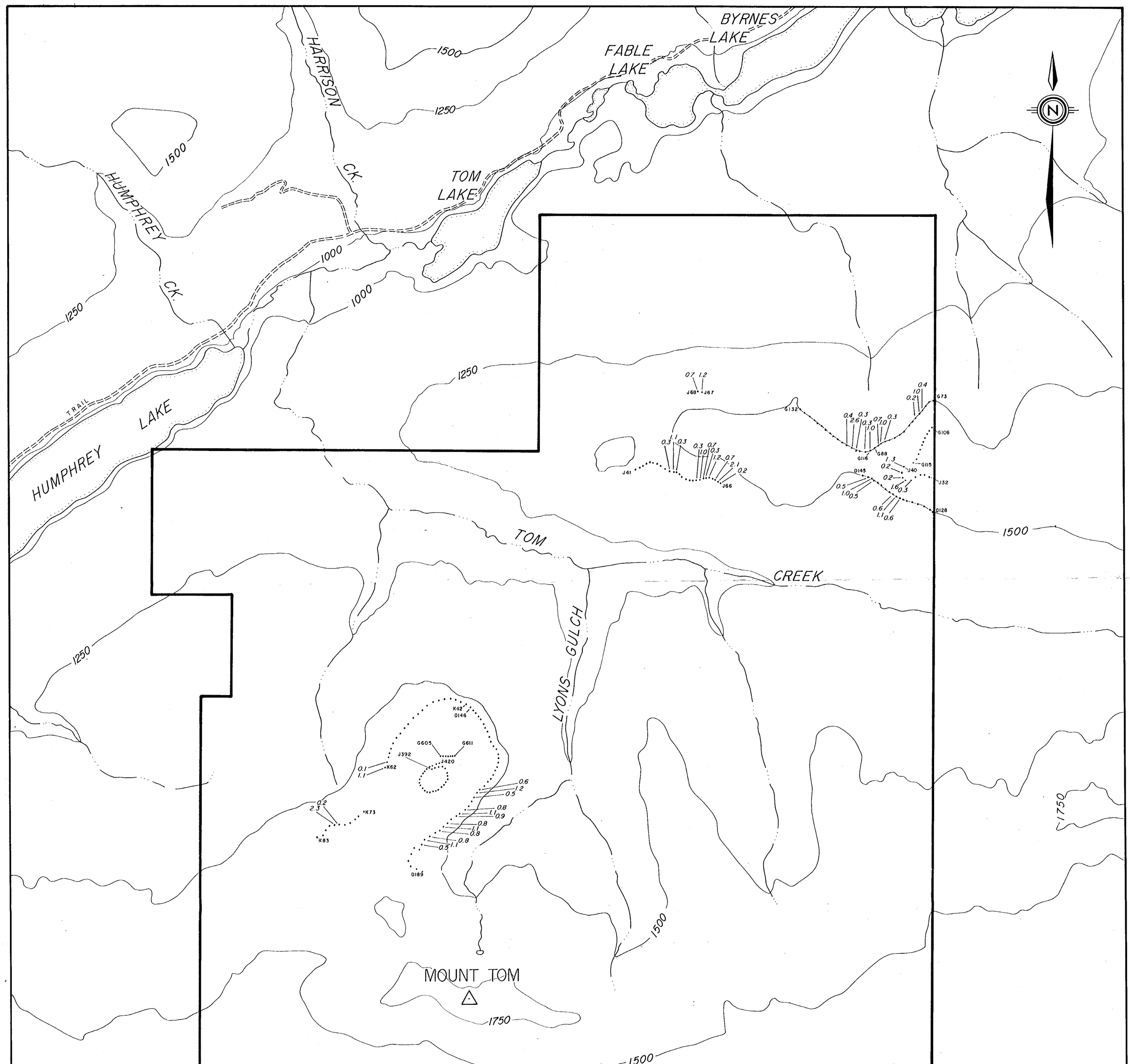
GOLDEN PORPHYRITE LTD.

TOM PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

1.1	Ag (ppm)
D128	Soil sample number
0	Indicates sample missing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,551

FIGURE 8

GOLDEN PORPHYRITE LTD.

TOM PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5