GOLDEN PORPHYRITE LTD.

1983

ASSESSMENT REPORT

ON THE

GEOLOGICAL AND GEOCHEMICAL SURVEYS

ON THE MT. GRANT CREEK PROPERTY

JO 44 - 47, 55 - 58 and 64 - 67

OMINECA MINING DIVISION, BRITISH COLUMBIA

55° 37' N, 125° 30' W
N.T.S. 93N/11 and 12

OWNER: ARKLATEX PETROLEUM CORPORATION

OPERATOR: GOLDEN PORPHYRITE LTD.

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

MAY 1984

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INTRODUCTION

The Mt. Grant property, consisting of claims Jo 44-47, 55-58 and 64-67 (230 units) is located 35 km northeast of Takla Landing and 145 km northeast of Smithers in the Omineca Mining Division. Its National Topographic Survey location is 93 N/11/12 at 55° 37' north latitute and 125° 30' west longitude, (fig 1).

The Property is accessible by a summer four-wheel drive road from the nearest settlement, Takla Landing, a two hour and a half drive under poor road conditions. The property was evaluated using a Hughes 500 D helicopter based at Takla Landing, a return trip taking 30 minutes.

The property is characterized by an east-west trending ridge up to 1,700 m above sea level with an unnamed creek flowing east into the northerly draining Silver Creek. Low lying ground is present along the Silver Creek Valley at about the 1,000 m level. The treeline is at about the 1,600 m elevation with alpine vegetation above and mixed conferous vegetation, alpine fir an spruce, on valley sides and bottoms. Outcrop exposure is restricted to ridge crests, with maximum exposure present on north facing slopes.

Extensive gold placer workings are present on the Silver Creek, 7 km to the north of the property. The recorded production from Silver Creek combined with Kenny Creek is 642 oz of gold. Active operations 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

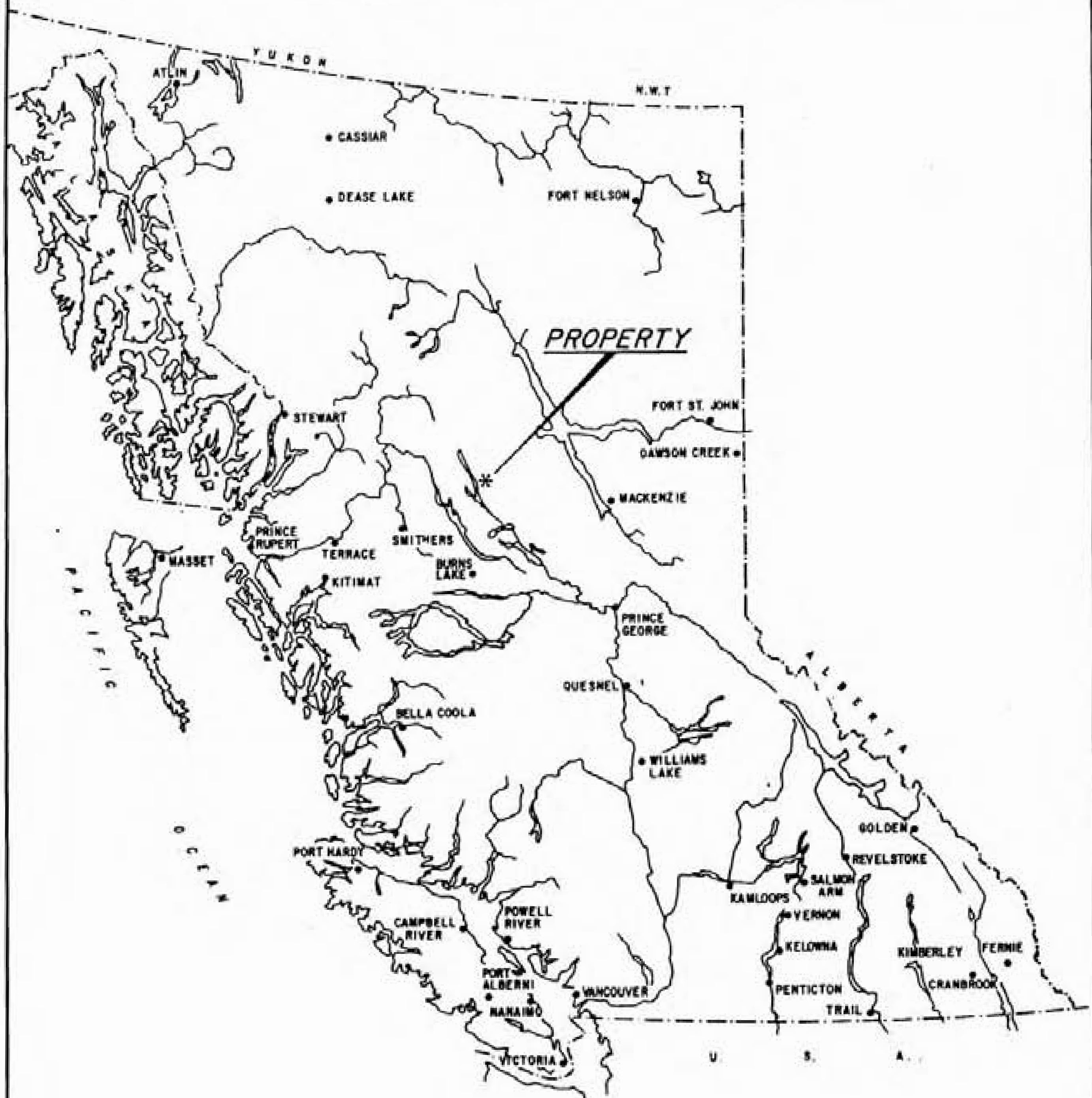


FIGURE 1

GOLDEN PORPHYRITE LTD.

GRANT PROPERTY

OMINECA MINING DIVISION, B.C.

LOCATION MAP

KILOMETRES

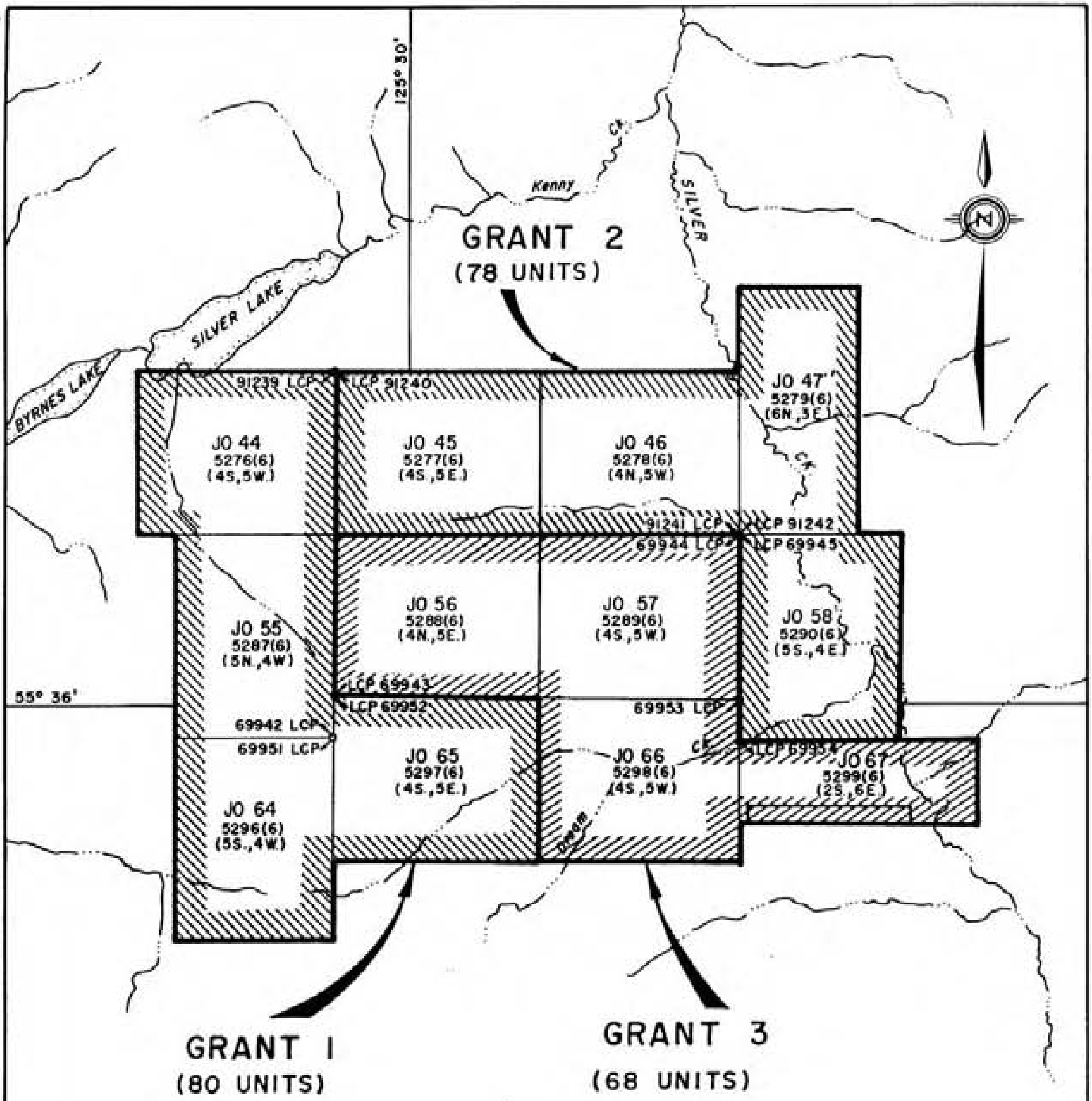
0 50 100 200 300 400

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 Silver 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 57.5 km^2. A total of 56 geochemical rock chip and 521 soil samples were collected.

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

Claim Name	No. Units	Tag No.	Owner of Record	Date Located	Date Recorded	Record No.
GRANT 1						
Jo 44	20	91239	Arklatex	08.06.83	21.06.83	5276
Jo 55	20	69942	Petroleum	07.06.83	21.06.83	5287
Jo 64	20	69951	Corporation	07.06.83	21.06.83	5296
Jo 65	20	69952	"	07.06.83	21.06.83	5297
GRANT 2						
Jo 45	20	91240	"	08.06.83	21.06.83	5277
Jo 46	20	91241	"	09.06.83	21.06.83	5278
Jo 47	18	91242	"	10.06.83	21.06.83	5279
Jo 58	20	69945	"	10.06.83	21.06.83	5290
GRANT 3						
Jo 56	20	69943	"	07.06.83	21.06.83	5288
Jo 57	20	69944	"	09.06.83	21.06.83	5289
Jo 66	20	69953	"	09.06.83	21.06.83	5298
Jo 67	12	69954	"	10.06.83	21.06.83	5299



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

FIGURE 2

GOLDEN PORPHYRITE LTD.

GRANT PROPERTY
OMENICA MINING DIVISION, B.C.

CLAIM MAP

KILOMETRES

0 1 2 3

M93N/11W/12E NTS 93N/11/12

GEOLOGICAL SURVEY

Regional Geology

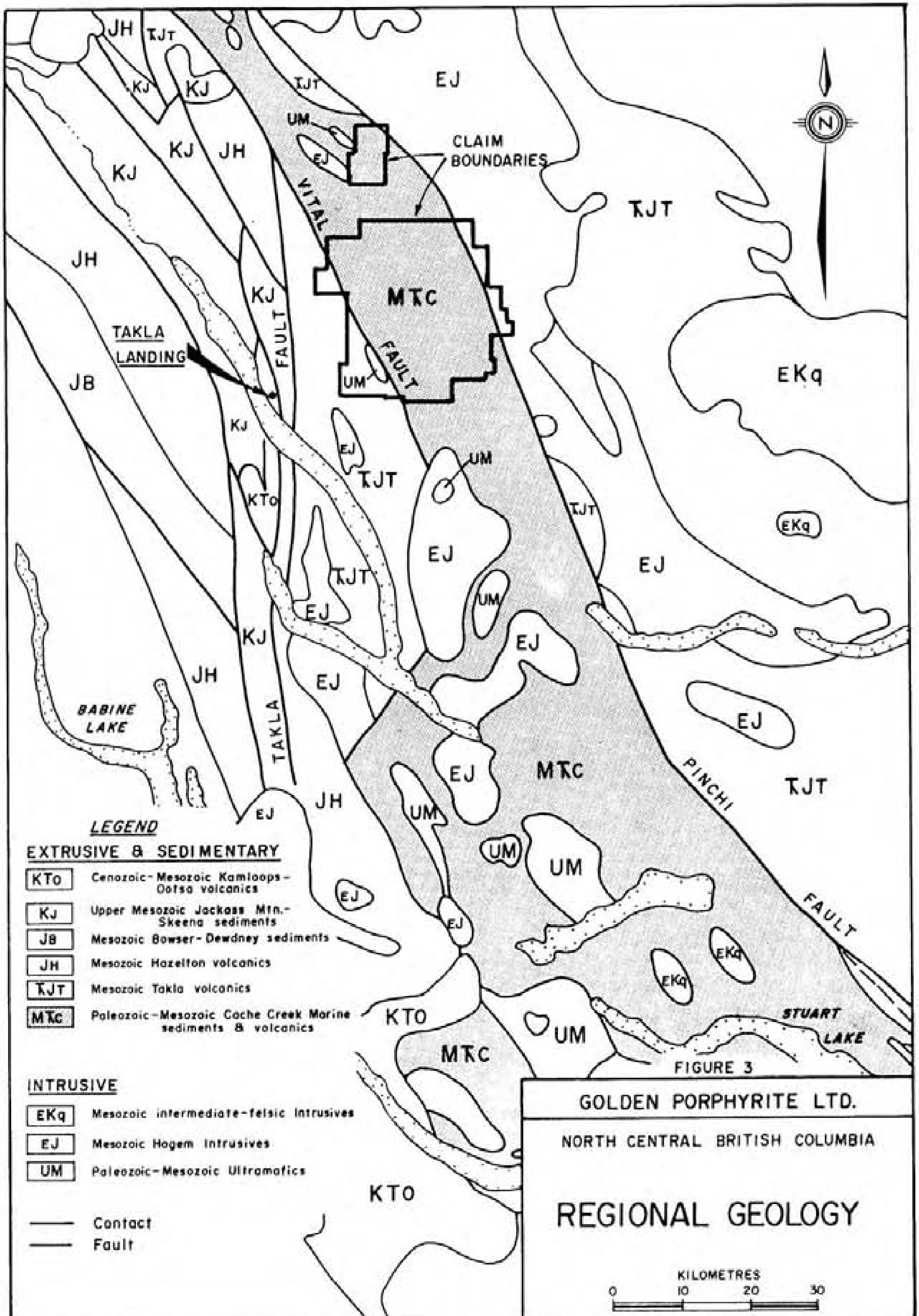
The property is situated in the Omineca Tectonic Belt of the Canadian Cordillera. It lies along the Pinchi Fault and is underlain by the Permo-Triassic Cache Creek Group, first mapped in this area in the early 1940's by the Geological Survey of Canada and later in 1974. The Cache Creek Group consists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

Local Geology

The Mt. Grant property was geologically mapped and prospected at a scale of 1:20,000 predominantly along ridge crests and slopes, over an area of 57.5 km^2.

Units of the Cache Creek Group present within this property are: andesite, limestone, phyllite, tuff, and intermediate to felsic igneous rocks, (fig. 4).

Andesite is green to black in colour, weathers black, is massive and rarely displays bedding. The andesite is locally transitional to the tuff units and is intercalated with tuff along the northern claim boundary. 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.


CLAIM BOUNDARIES
TAKLA LANDING
VITAL FAULT
TAKLA FAULT
PINCHI FAULT
BABINE LAKE
STUART LAKE
N
JH
TJT
KJ
EJ
UM
JB
KTo
MTC
EKq
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

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-parallel to the original bedding where seen. Tuff occurs intercalated with phyllite and andesite.

The intermediate to felsic igneous rocks are grey in colour and weather orange brown. They have a grey fine grained matrix supporting euhedral phenocrysts of brown plagioclase and glassy quartz ± accessory pyrite. These are though to occur as small often isolated lenses 5 - 10 m wide with an unknown length, for example in Jo 57.

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 + sphene ± epidote ± glaucophane ± stilpnomelane ± calcite ± dolomite ± white mica. The euhedral biotite phenocrysts present within the intermediate to felsic igneous rocks may be secondary after original hornblende.

GEOCHEMICAL SURVEY

A total of 521 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 56 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).

An anomalous gold geochemical soil value of 40 ppb was obtained upslope from the unnamed creek flowing east into Silver Creek, (fig. 6).

A value of 40 ppb Au was obtained fron an intermediate to felsic igneous rock unit from the central east-west trending ridge in Jo 57, (fig. 5).

Anomalous silver geochemical soil samples were concentratred in the south-west part of the Property, on all sides of the east-west trending ridge. A total of 10 soil samples with values between 1.0 and 3.1 ppm Ag were obtained from this ares, (fig. 7).

HEAVY SEDIMENT SAMPLING

One heavy sediment sample was taken on the Property and approximately 0.75 m^3 of material was processed, (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.

Heavy sediment sample, #46, returned a values of 5.0 on a scale of 1 - 10. This sample was taken form a creek with no known history of placer mining. Previously such high values had only been recovered from creeks with a history of placer mining.

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. The source of the gold revealed by heavy mineral sampling of the unnamed creek flowing east into Silver Creek will be investigated.

DETAILED COST STATEMENT

WAGES:	2 people @ $200/day inc benefits for 11.94 days	2,387.84
	6 people @ $115/day inc benefits for 46.65 days	5,364.83
	2 people @ $143.75/day inc benefits for 16.25 days	2,335.99
	4 people @ $57.5/day inc benefits for 15.5 days	891.25
	2 people @ $92/day inc benefits for 8.75 days	805.00
		$11,784.91
SAMPLES:	56 rocks @ $7.25 Au	406.00
	521 soils @ $6.75 Au	3,516.75
	577 rocks & soils @ $1.75 Ag	1,009.75
		$ 4,932.50
ROOM:	85.9 man days @ $11.30/man day	$ 970.76
BOARD:	85.9 man days @ $17.40/man day	$ 1,494.09
HELICOPTER:	Hughes 500D for 10.66 hours @ $550/hour (incl. fuel)	$ 5,861.41
GROUND AND FIXED WING TRANSPORT	Vancouver to Project area and return	$ 2,031.09
EQUIPMENT	Purchase, rental and repair and consumables	$ 2,492.29
OFFICE	Drafting, mapping, interim report preparation and office overhead	$ 3,584.49
MANAGEMENT FEE		$ 3,315.15
TOTAL		$36,466.69

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 7 - 9, 15 - 17, 23 - 24, and 30 - 31 mineral claims.

H.S. Macfarlane, M.Sc.

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

A P P E N D I X   A

Geochemical Sample Results

W.O. # : A8412114
client : GOLDEN PORPHYRITE LTD.
# of samples : 31
received date : 28-MAY-84
project : 3-694 EXTRA
comments : ATTN: H. MACFARLANE

Sample description	Ag ppm Aqua R	AU-AA ppb
T306 SA-0248	0.2	5
T306 SA-0249	0.1	10
T306 SA-0250	0.1	10
T306 SA-0251	0.1	5
T306 SA-0252	0.1	5
T306 SA-0253	0.1	5
T306 SA-0254	0.1	5
T306 SA-0255	0.2	5
T306 SA-0256	0.1	10
T306 SA-0257	0.1	5
T306 SA-0258	0.1	5
T306 SA-0259	0.1	5
T306 SA-0260	0.2	5
T306 SA-0261	0.1	5
T306 SA-0262	0.1	5
T306 SA-0263	0.1	<5
T306 SA-0264	0.2	5
T306 SA-0265	0.1	5
T306 SA-0266	0.1	5
T306 SA-0267	0.1	<5
T306 SA-0268	0.1	5
T306 SA-0269	0.1	5
T306 SA-0270	0.1	5
T306 SA-0271	0.1	5
T306 SA-0272	0.1	5
T306 SA-0273	0.1	5
T306 SA-0274	0.1	5
T306 SA-0275	0.1	<5
T306 SA-0276	0.1	5
T306 SA-0277	0.1	5

Sample	Hg ppm	Au ppb
T306 SA-0331	0.1	10
T306 SA-0332	0.3	5
T306 SA-0333	0.2	5
T306 SA-0334	0.1	10
T306 SA-0335	0.1	5
T306 SA-0336	0.1	5
T306 SA-0337	0.1	5
T306 SA-0338	0.1	10
T306 SA-0339	0.1	5
T306 SA-0340	0.1	5
T306 SA-0341	0.1	20
T306 SA-0342	0.1	10
T306 SA-0343	0.1	10
T306 SA-0344	0.1	5
T306 SA-0345	0.1	5
T306 SA-0346	0.1	5
T306 SA-0347	0.2	5
T306 SA-0348	0.1	5
T306 SA-0349	0.1	5
T306 SA-0350	0.1	5
T306 SA-0351	0.1	5
T306 SA-0352	0.1	10
T306 SA-0353	0.1	5
T306 SA-0354	0.1	5
T306 SA-0355	0.1	5
T306 SA-0356	0.1	5
T306 SA-0357	0.1	5
T306 SA-0358	0.4	5
T306 SA-0359	0.1	10
T306 SA-0360	0.1	5
T306 SA-0361	0.1	5
T306 SA-0362	0.1	5
T306 SA-0363	0.1	5
T306 SA-0364	0.1	5
T306 SA-0365	0.1	5
T306 SA-0366	0.9	10
T306 SA-0367	0.1	5
T306 SA-0368	0.5	10
T306 SA-0369	0.4	5
T306 SA-0370	0.1	5
T306 SA-0371	0.3	10
T306 SA-0372	0.1	5
T306 SA-0373	0.4	10
T306 SA-0374	0.5	5
T306 SA-0375	0.7	5
T306 SA-0376	0.2	5
T306 SA-0377	0.2	10
T306 RC-0104	0.4	5
T306 RC-0106	0.1	<5
T306 RC-0108	0.1	5
T306 RE-0128	0.1	<5
T306 RE-0129	0.1	5
T306 RE-0130	0.1	5
T306 RE-0131	0.2	5
T306 RF-0092	0.1	5
T306 RF-0093	0.1	10
T306 RF-0094	0.1	10
T306 RF-0096	0.1	5
T306 RF-0097	0.1	5

description	Ag ppm	Au ppb
T306 SG-0357	0.3	5
T306 SG-0358	0.6	5
T306 SG-0359	0.6	5
T306 SG-0360	0.7	5
T306 SG-0361	0.6	5
T306 SG-0362	0.5	5
T306 SG-0363	0.5	5
T306 SG-0364	0.6	5
T306 SG-0365	0.7	5
T306 SG-0366	0.6	<5
T306 SG-0367	0.6	5
T306 SG-0368	0.6	5
T306 SG-0369	0.6	10
T306 SG-0370	0.5	5
T306 SG-0371	0.1	5
T306 SG-0372	0.1	10
T306 SG-0373	0.2	5
T306 SG-0374	0.1	5
T306 SG-0375	0.1	5
T306 SG-0376	0.2	5
T306 SG-0377	0.6	5
T306 SG-0378	0.1	5
T306 SG-0379	0.1	5
T306 SG-0380	0.1	5
T306 SG-0381	0.1	5
T306 SG-0382	0.1	5
T306 SG-0383	0.1	10
T306 SG-0384	0.3	10
T306 SG-0385	0.4	10
T306 SG-0386	0.1	5
T306 SG-0387	0.1	15
T306 SG-0388	0.2	5
T306 SG-0389	0.2	5
T306 SG-0390	2.1	<5
T306 SG-0391	0.4	15
T306 SG-0392	0.1	10
T306 SG-0393	0.3	5
T306 SG-0394	3.1	5
T306 SG-0395	0.5	5
T306 SJ-0243	0.3	10
T306 SK-0280	0.2	5
T306 SK-0281	0.1	10
T306 SK-0282	0.1	5
T306 SK-0283	0.1	5
T306 SK-0284	0.1	5
T306 SK-0285	0.1	5
T306 SG-0431	0.1	5
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T306 SG-0434	0.1	5
T306 SG-0435	0.1	5
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T306 SG-0442	0.1	10
T306 SG-0443	0.1	5
T306 SG-0444	0.1	5
T306 SG-0445	0.1	15

T306 SG-0052	0.1	10
T306 SG-0053	0.2	5
T306 SG-0054	0.1	5
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T306 SG-0058	0.2	10
T306 SG-0059	0.4	5
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T306 SG-0061	0.1	10
T306 SG-0062	0.2	5
T306 SG-0063	0.1	5
T306 SG-0064	0.1	5
T306 SG-0065	0.1	5
T306 SG-0066	0.2	10
T306 SG-0067	0.2	5
T306 SG-0068	0.8	5
T306 SG-0069	0.4	5
T306 SG-0070	0.6	10
T306 SG-0071	1.6	5
T306 SG-0072	1.6	5
T306 SJ-0001	0.7	5
T306 SJ-0002	0.4	10
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T306 SJ-0004	0.2	5
T306 SJ-0005	1.0	5
T306 SJ-0006	0.2	5
T306 SJ-0007	0.8	5
T306 SJ-0008	0.4	10
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T306 SJ-0010	0.1	10
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T306 SJ-0014	0.1	10
T306 SJ-0015	0.2	5
T306 SJ-0016	0.2	5
T306 SJ-0017	1.0	5
T306 SJ-0018	0.1	10
T306 SJ-0019	2.2	5
T306 SJ-0020	0.5	10
T306 SJ-0021	0.8	5
T306 SJ-0022	0.3	5
T306 SJ-0023	0.1	10
T306 SJ-0024	0.3	5
T306 SJ-0025	0.8	10
T306 SJ-0026	0.7	10
T306 SJ-0027	0.5	5
T306 SJ-0028	0.1	15
T306 SJ-0029	0.2	5
T306 SJ-0030	0.5	5
T306 SJ-0031	0.9	10

T306	RE-0277	0.1	5
T306	RH-0148	0.4	5
T306	RH-0149	0.1	5
T306	RH-0150	0.1	10
T306	RH-0151	0.1	5
T306	RH-0152	0.2	5
T306	RH-0153	0.1	5
T306	RH-0154	0.1	<5
T306	RH-0155	0.1	5
T306	RH-0156	0.1	10
T306	RH-0157	0.1	5
T306	RH-0158	0.3	5
T306	RH-0159	0.1	5
T306	SA-0409	0.1	25
T306	SA-0410	0.1	10
T306	SA-0411	0.1	5
T306	SA-0412	0.1	5
T306	SA-0413	0.1	10
T306	SA-0414	0.1	20
T306	SA-0415	0.2	5
T306	SA-0416	0.2	15
T306	SA-0417	0.4	25
T306	SA-0418	0.3	10
T306	SA-0419	1.2	5
T306	SA-0420	0.1	5
T306	SA-0421	0.1	5
T306	SA-0422	0.1	40
T306	SA-0423	0.1	10
T306	SA-0424	0.2	15
T306	SA-0425	0.1	5
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T306	SA-0427	0.7	25
T306	SA-0428	0.1	5
T306	SA-0429	0.3	15
T306	SA-0430	0.1	5
T306	SA-0431	0.1	20
T306	SA-0432	0.1	25
T306	SA-0433	0.1	5
T306	SA-0434	0.1	5
T306	SA-0435	0.1	10
T306	SA-0436	0.1	5
T306	SA-0437	0.1	5
T306	SA-0438	0.1	5
T306	SA-0439	0.3	10
T306	SA-0440	0.1	10
T306	SA-0441	0.1	25
T306	SA-0442	0.1	10
T306	SA-0443	0.1	5
T306	SA-0444	0.1	5
T306	SA-0445	0.1	10
T306	SA-0446	0.1	5
T306	SA-0447	0.3	5
T306	SA-0448	0.7	5
T306	SA-0449	0.5	5
T306	SA-0450	0.4	5
T306	SA-0451	0.8	15
T306	SA-0452	0.3	10
T306	SA-0453	0.1	5
T306	SA-0454	0.1	5
T306	SA-0455	0.1	10

description	Ag ppm	Au ppb
T306 RF-0098	0.1	10
T306 RF-0099	0.3	10
T306 RH-0059	0.1	5
T306 RH-0060	0.1	5
T306 RH-0061	0.6	5
T306 RH-0062	0.1	5
T306 RH-0063	0.1	5
T306 RH-0064	0.3	5
T306 RH-0065	0.1	10
T306 RH-0066	0.1	5
T306 RH-0067	0.1	5
T306 RH-0068	0.1	15
T306 RH-0069	0.1	<5
T306 RH-0070	0.1	20
T306 RH-0071	0.1	5
T306 RH-0072	0.1	5
T306 RH-0073	0.1	5
T306 RH-0074	0.1	5
T306 RH-0075	0.1	10
T306 RH-0076	0.1	5
T306 RH-0077	0.1	5
T306 RH-0078	0.1	5
T306 RH-0080	0.1	40
T306 SA-0278	0.1	5
T306 SA-0279	0.1	10
T306 SA-0280	0.1	15
T306 SA-0281	0.1	5
T306 SA-0282	0.1	5
T306 SA-0283	0.1	<5
T306 SA-0284	0.1	5
T306 SA-0285	0.1	10
T306 SA-0286	0.1	10
T306 SA-0287	0.2	5
T306 SA-0288	0.1	5
T306 SA-0289	0.1	10
T306 SA-0290	0.1	5
T306 SA-0291	0.1	5
T306 SA-0292	0.1	5
T306 SA-0293	0.4	<5
T306 SA-0294	0.1	10
T306 SA-0295	0.1	5
T306 SA-0296	0.1	5
T306 SA-0297	0.4	15
T306 SA-0298	0.1	5
T306 SA-0299	0.1	10
T306 SA-0300	0.2	5
T306 SA-0301	0.1	5
T306 SA-0302	0.1	5
T306 SA-0303	0.1	20
T306 SA-0304	0.1	10
T306 SA-0305	0.1	10
T306 SA-0306	0.1	5
T306 SA-0307	0.1	<5
T306 SA-0308	0.1	5
T306 SA-0309	0.1	<5
T306 SA-0310	0.1	5
T306 SA-0311	0.1	5
T306 SA-0312	0.1	5
T306 SA-0313	0.1	5
T306 SA-0314	0.1	5
T306 SA-0315	0.1	10
T306 SA-0316	0.1	5

Sample	Hg ppm	Au ppb
T306 SA-0456	0.1	5
T306 SA-0457	0.1	10
T306 SA-0458	0.1	5
T306 SA-0459	0.1	5
T306 SA-0460	0.3	5
T306 SA-0461	0.1	20
T306 SA-0462	0.2	5
T306 SA-0463	0.1	10
T306 SA-0464	0.1	10
T306 SA-0465	0.1	5
T306 SA-0466	0.5	5
T306 SA-0467	0.2	5
T306 SA-0468	0.7	5
T306 SA-0469	0.2	5
T306 SA-0470	0.2	10
T306 SA-0471	0.3	5
T306 SA-0472	0.2	5
T306 SA-0473	0.1	25
T306 SA-0474	0.1	10
T306 SA-0475	0.1	10
T306 SA-0476	0.1	5
T306 SA-0477	0.1	5
T306 SA-0478	0.1	5
T306 SA-0479	0.2	10
T306 SA-0480	0.1	5
T306 SA-0559	0.1	10
T306 SA-0560	0.1	5
T306 SA-0561	0.1	5
T306 SA-0562	0.1	10
T306 SA-0563	0.1	<5
T306 SA-0564	0.4	15
T306 SA-0565	0.3	20
T306 SA-0566	0.2	5
T306 SA-0567	0.1	5
T306 SA-0568	0.1	10
T306 SA-0569	0.1	5
T306 SA-0570	0.2	10
T306 SA-0571	0.1	10
T306 SA-0572	0.1	5
T306 SA-0573	0.1	5
T306 SA-0574	0.1	10
T306 SA-0575	0.1	5
T306 SA-0576	0.5	10
T306 SA-0577	0.1	5
T306 SA-0578	0.1	25
T306 SA-0579	0.1	5
T306 SA-0580	0.1	5
T306 SA-0581	0.4	10
T306 SA-0582	0.2	10
T306 SA-0583	0.1	5
T306 SA-0584	0.3	5
T306 SA-0585	0.2	5
T306 SA-0586	0.1	10
T306 SA-0587	0.1	5
T306 SA-0588	0.4	5
T306 SA-0589	0.1	10
T306 SA-0590	0.1	5
T306 SA-0591	0.2	5
T306 SA-0592	0.3	15
T306 SA-0593	0.1	5
T306 SA-0594	0.1	5
T306 SA-0595	0.1	5

Sample	Ag ppm	Au ppb
T306 SA-0378	0.9	10
T306 SA-0379	0.3	5
T306 SA-0380	0.2	5
T306 SA-0381	0.5	<5
T306 SA-0382	0.3	5
T306 SD-0106	0.4	5
T306 SD-0107	0.7	5
T306 SD-0108	0.2	10
T306 SD-0109	0.3	15
T306 SD-0110	0.1	5
T306 SD-0111	0.3	5
T306 SD-0112	0.3	10
T306 SD-0113	0.1	5
T306 SD-0114	0.3	15
T306 SD-0115	0.3	<5
T306 SD-0116	0.4	5
T306 SD-0117	0.7	5
T306 SD-0118	0.9	5
T306 SD-0119	0.3	5
T306 SD-0120	0.3	5
T306 SD-0121	0.4	<5
T306 SD-0122	0.7	5
T306 SD-0123	1.2	5
T306 SD-0124	0.7	10
T306 SD-0125	0.3	<5
T306 SD-0126	0.2	5
T306 SD-0127	0.2	5
T306 SG-0396	0.1	5
T306 SG-0397	0.1	5
T306 SG-0398	0.1	15
T306 SG-0399	0.1	5
T306 SG-0400	0.1	10
T306 SG-0401	0.1	10
T306 SG-0402	0.1	5
T306 SG-0403	0.1	5
T306 SG-0404	0.1	5
T306 SG-0405	0.1	10
T306 SG-0406	0.1	10
T306 SG-0407	0.1	5
T306 SG-0408	0.1	15
T306 SG-0409	0.2	5
T306 SG-0410	0.1	5
T306 SG-0411	0.1	5
T306 SG-0412	0.1	20
T306 SG-0413	0.1	10
T306 SG-0414	0.1	5
T306 SG-0415	0.1	5
T306 SG-0416	0.1	15
T306 SG-0417	0.1	5
T306 SG-0418	0.1	15
T306 SG-0419	0.1	10
T306 SG-0420	0.1	5
T306 SG-0421	0.1	5
T306 SG-0422	0.1	10
T306 SG-0423	0.1	15
T306 SG-0424	0.1	5
T306 SG-0425	0.1	5
T306 SG-0426	0.1	25
T306 SG-0427	0.1	5
T306 SG-0428	0.1	10
T306 SG-0429	0.1	5
T306 SG-0430	0.1	15

description	Ag ppm	Au ppb
T306 SA-0317	0.1	5
T306 SA-0318	0.1	5
T306 SA-0319	0.1	5
T306 SA-0320	0.1	5
T306 SA-0321	0.1	<5
T306 SA-0322	0.1	5
T306 SA-0323	0.1	5
T306 SA-0324	0.1	5
T306 SA-0325	0.1	10
T306 SA-0326	0.1	5
T306 SA-0327	0.1	5
T306 SA-0328	0.1	5
T306 SA-0329	0.1	5
T306 SA-0330	0.1	5
T306 SC-0102	0.3	<5
T306 SC-0103	0.1	5
T306 SC-0105	0.1	5
T306 SC-0107	0.1	<5
T306 SD-0422	0.1	5
T306 SD-0423	0.4	10
T306 SD-0424	0.5	5
T306 SD-0425	0.9	5
T306 SD-0426	0.2	5
T306 SD-0427	0.1	10
T306 SD-0428	0.1	25
T306 SD-0429	0.1	5
T306 SD-0430	0.2	5
T306 SD-0431	0.2	10
T306 SD-0432	0.1	5
T306 SD-0433	0.1	10
T306 SD-0434	0.1	5
T306 SD-0435	0.3	5
T306 SD-0436	0.1	5
T306 SD-0437	0.1	10
T306 SD-0438	0.1	5
T306 SD-0439	1.2	5
T306 SD-0440	0.5	10
T306 SD-0441	0.1	5
T306 SD-0442	0.2	5
T306 SD-0443	0.3	10
T306 SD-0444	0.2	5
T306 SD-0445	0.3	5
T306 SD-0446	0.8	5
T306 SD-0447	0.2	5
T306 SD-0448	0.2	5
T306 SD-0449	0.1	5
T306 SD-0450	0.1	5
T306 SD-0452	0.1	5
T306 SD-0453	0.5	5
T306 SD-0455	0.1	5
T306 SD-0456	0.1	5
T306 SD-0457	0.1	5
T306 SD-0458	0.2	5
T306 SD-0460	0.1	5
T306 SD-0461	0.1	10
T306 SD-0462	MISSING	MISSING
T306 SG-0351	0.9	5
T306 SG-0352	0.6	10
T306 SG-0353	0.6	5
T306 SG-0354	1.0	5
T306 SG-0355	0.6	10
T306 SG-0356	0.2	5

Sample	Ag ppm	Au ppb
T306 SA-0596	0.1	5
T306 SA-0597	0.1	10
T306 SA-0598	0.6	5
T306 SA-0599	0.2	20
T306 SA-0600	0.3	5
T306 SA-0601	0.1	<5
T306 SA-0602	0.1	5
T306 SA-0603	0.2	10
T306 SA-0604	0.1	10
T306 SA-0605	0.1	5
T306 SA-0606	0.3	5
T306 SA-0607	0.2	<5
T306 SA-0608	0.1	<5
T306 SA-0609	0.1	10
T306 SA-0610	0.1	5
T306 SA-0611	0.1	15
T306 SA-0612	0.1	10
T306 SA-0613	0.1	5
T306 SA-0614	0.1	5
T306 SA-0615	0.1	10
T306 SA-0616	0.1	15
T306 SA-0617	0.8	5
T306 SA-0618	0.1	5
T306 SA-0619	0.3	5
T306 SA-0620	0.6	<5
T306 SA-0621	0.8	5
T306 SA-0622	0.3	5
T306 SA-0623	0.2	5
T306 SA-0624	0.1	<5
T306 SA-0625	0.4	5
T306 SA-0626	0.4	<5
T306 SA-0627	0.4	5
T306 SA-0628	0.3	<5
T306 SA-0629	0.1	<5
T306 SA-0630	0.1	<5
T306 SA-0631	0.1	5
T306 SA-0632	0.4	5
T306 SA-0633	0.7	10
T306 SA-1019	0.3	5
T306 SA-1020	0.1	15
T306 SA-1021	0.3	10
T306 SH-0079	0.1	5

T306 SG-0089	0.6	5
T306 SG-0090	0.9	<5
T306 SG-0091	0.3	5
T306 SG-0092	0.5	<5
T306 SG-0093	0.4	5
T306 SG-0094	0.6	5
T306 SG-0095	0.3	5
Sample	Ag ppm	Au ppb
T306 SG-0096	0.5	5
T306 SG-0097	0.7	<5
T306 SG-0098	0.5	5
T306 SG-0099	0.8	5
T306 SG-0100	1.2	5
T306 SG-0101	0.7	10
T306 SG-0102	0.6	10
T306 SG-0103	0.4	5
T306 SG-0104	0.4	5
T306 SG-0105	0.7	<5

T306 RC-0033	0.5	5
T306 RC-0034A	0.1	5
T306 RC-0034B	0.1	10
T306 RC-0034C	0.1	5
T306 SG-0049	0.3	5
T306 SG-0050	0.3	5
T306 SG-0051	0.2	5

A P P E N D I X   B

Rock Chip Sample Descriptions

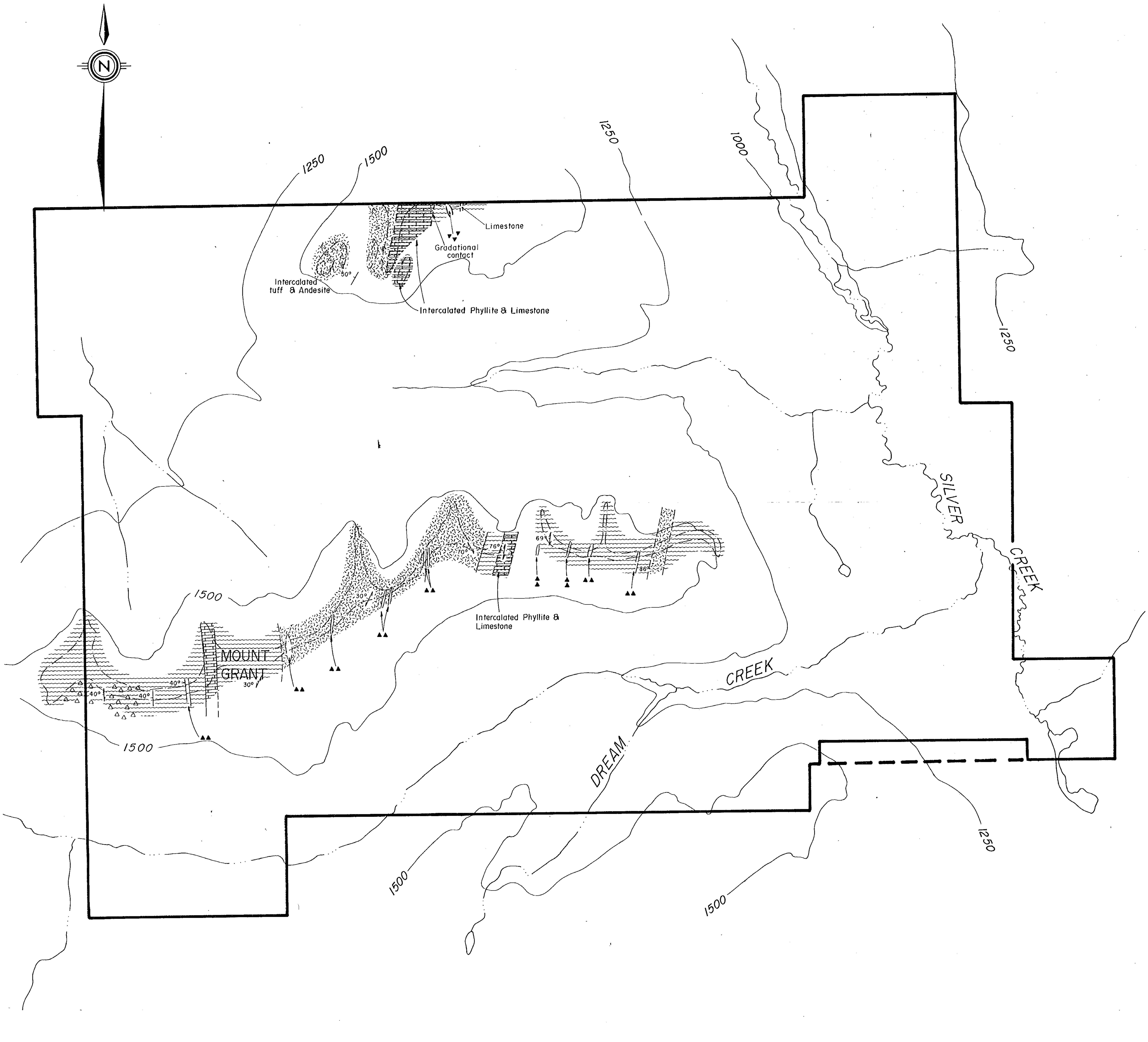
C	33	Quartz veining in argillite
C	34A	Intermediate to felsic igneous float
C	34B	Intermediate to felsic igneous float
C	102	Soil derived in-situ from intermediate to felsic igneous rock
C	103	Hematite rich soil derived in-situ
C	104	Pyritic intermediate to felsic igneous rock
C	105	Foliated andesitic tuff and intermediate to felsic igneous float
C	106	Intermediate to felsic igneous rock
C	107	Soil derived in situ from intermediate to felsic igneous rock
C	108	Intermediate to felsic igneous rock
E	128	Sulphides in quartz veining
E	129	Oxidized quartz vein material
E	130	Oxidized quartz vein material
E	131	Recessive intermediate to felsic igneous rock
E	276	Quartz veining in argillite
E	277	Quartz veining in argillite
F	92	Grey green mineralized tuff
F	93	Very pyritic tuff
F	94	Hematite replacement of limestone
F	95	Phyllite with quartz veining
F	96	Gossanous intermediate to felsic igneous rock with minor pyrite
F	97	Pyritic phyllite
F	98	Intermediate to felsic igneous rock with weathered sulfides
F	99	Gossanous quartz-carbonate veining
H	60	Intermediate to felsic igneous rock

H	61	Intermediate to felsic igneous rock
H	62	Thermally altered shales
H	63	Intermediate to felsic igneous rock
H	64	Bebbed pyrite in shale
H	65	Weathered oxidized intermediate to felsic igneous rock
H	66	Pyritic intermediate to felsic igneous rock
H	67	Pyritic intermediate to felsic igneous rock
H	68	Intermediate to felsic igneous rock
H	69	Intermediate to felsic igneous rock
H	70	Intermediate to felsic igneous rock
H	71	Intermediate to felsic igneous rock
H	72	Pyritic intermediate to felsic igneous rock
H	73	Pyritic intermediate to felsic igneous rock
H	74	intermediate to felsic igneous float
H	75	Pyritic intermediate to felsic igneous rock
H	76	Quartz veining in phyllites
H	77	Pyritic intermediate to felsic igneous rock
H	78	Pyritic intermediate to felsic igneous rock
H	80	Gossanous intermediate to felsic igneous rock
H	148	Pyritic tuff
H	149	Gossanous intermediate to felsic igneous rock
H	150	Pyritic intermediate to felsic igneous rock
H	151	Pyritic intermediate to felsic igneous rock
H	152	Gossanous intermediate to felsic igneous rock
H	153	Pyritic intermediate to felsic igneous rock
H	154	Pyritic quartz seam in phyllite
H	155	Pyritic quartz seam in phyllite
H	156	Gossanous quartz veining

H 157 Gossanous quartz veining

H 158 Garnet skarn with quartz and magnetite

H 159 Intermediate to felsic igneous float



LEGEND

CACHE CREEK GROUP
PERMO - TRIASSIC

- Andesite flows
- Limestone, micritic, in part recrystallized
- Intermediate - felsic igneous rocks
- Intermediate - felsic igneous floats
- 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.

GRANT PROPERTY

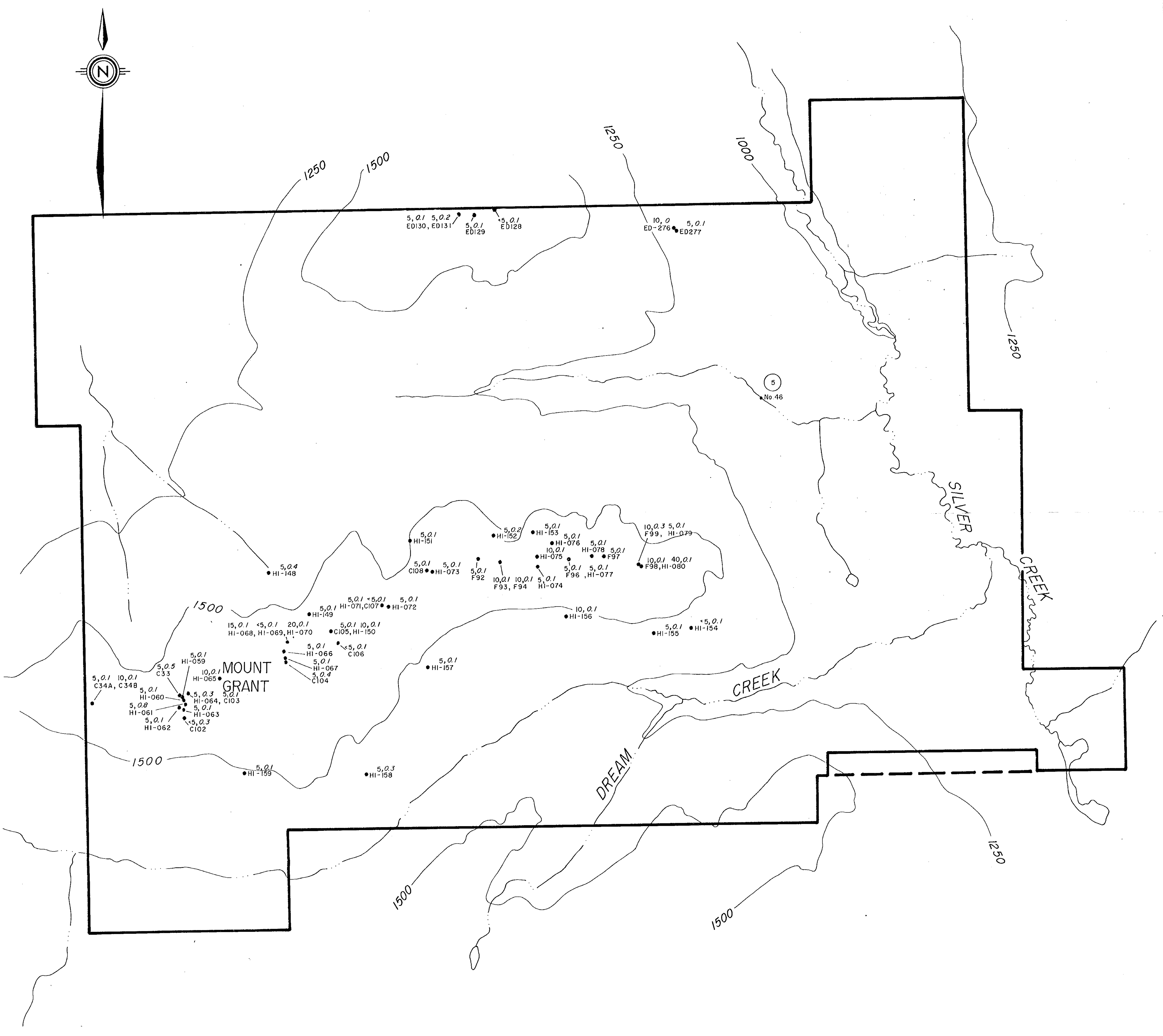
GEOLOGY

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,542

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

0 Indicates Sample Missing

5, 0.1 Au (ppb), Ag (ppm)

ED130 Rock chip sample number

Heavy Sediment Sampling Location

(5) Scale of Au from 1 to 10

No 46 Sample number

Scale of Au

(0) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

FIGURE 5

GOLDEN PORPHYRITE LTD.

GRANT PROPERTY

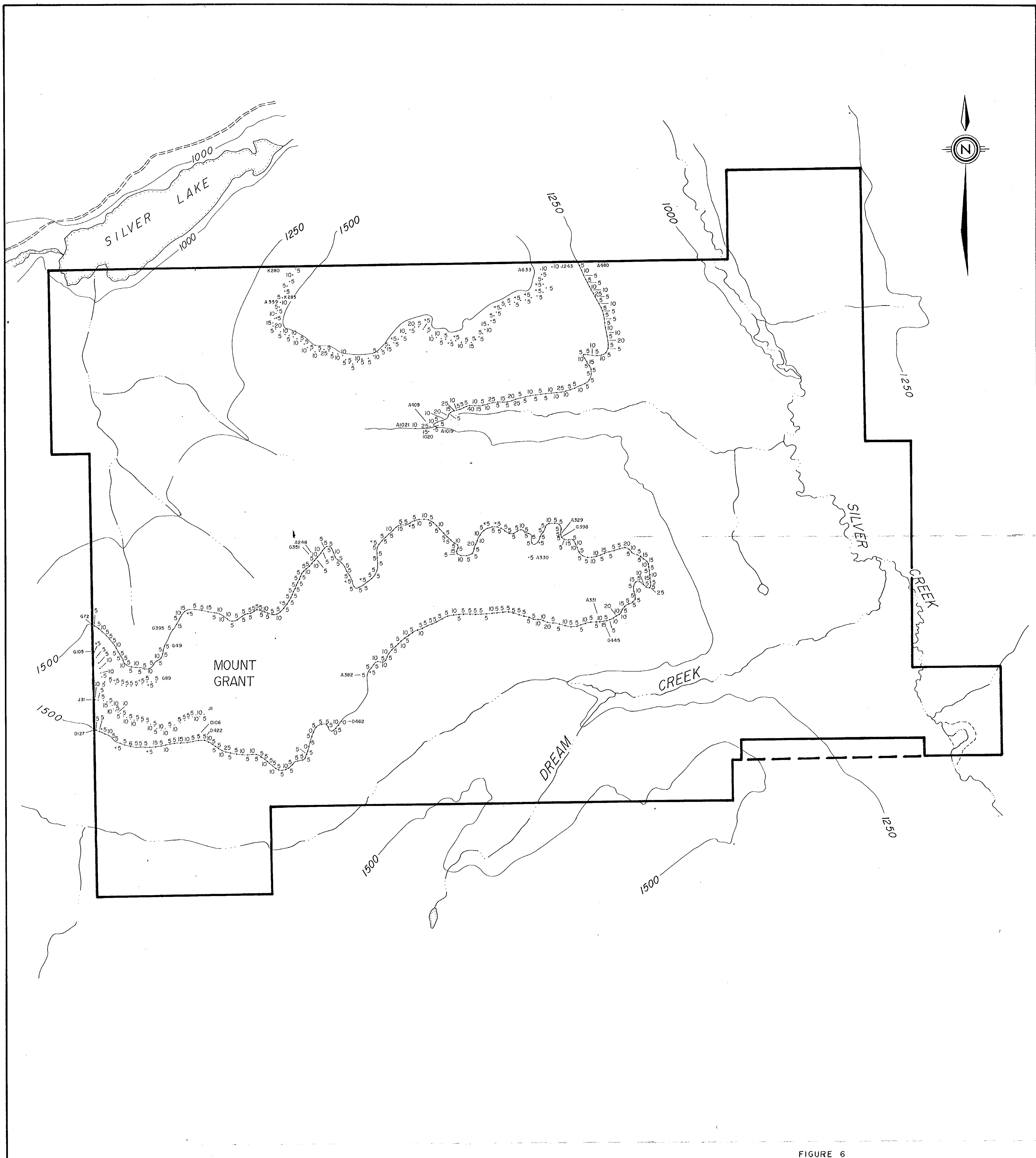
ROCK CHIP GEOCHEMICAL & HEAVY SEDIMENT SAMPLING LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,542



LEGEND

5	Au (ppb)
0310	Soil Sample Number
0	Indicates Sample Missing

FIGURE 6

GOLDEN PORPHYRITE LTD.

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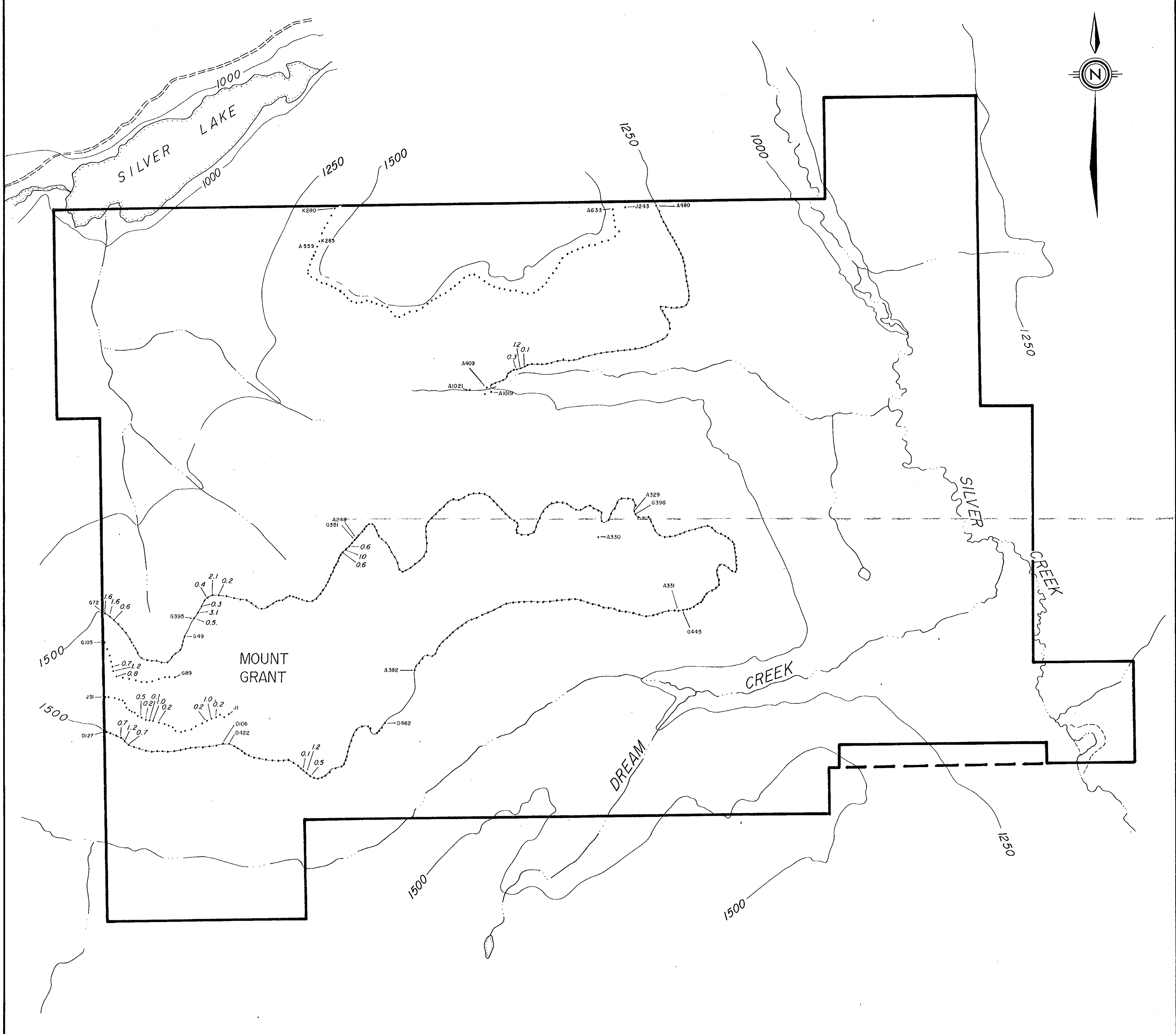
SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,542



LEGEND

1.2	Ag (ppm)
D310	Soil Sample Number
0	Indicates Sample Missing

FIGURE 7

GOLDEN PORPHYRITE LTD.

GRANT PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,542

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5