GOLDEN PORPHYRITE LTD.

1983

ASSESSMENT REPORT

ON THE

GEOLOGICAL AND GEOCHEMICAL SURVEYS

ON THE VITAL CREEK PROPERTY

JO 12 - 14, 20 - 22, 27 - 29, 35 - 37 and 75

OMINECA MINING DIVISION, BRITISH COLUMBIA

55° 41' 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

TABLE OF CONTENTS

	Page
INTRODUCTION	1
GEOLOGICAL SURVEY	3
GEOCHEMICAL SOIL SURVEY	6
HEAVY SEDIMENT SURVEY	8
CONCLUSIONS	9
COST STATEMENT	10
QUALIFICATIONS	11

APPENDIX A: GEOCHEMICAL SAMPLE RESULTS
APPENDIX B: ROCKCHIP SAMPLE DESCRIPTION

LIST OF ILLUSTRATIONS

	Figure
LOCATION MAP	1
CLAIM MAP	2
REGIONAL GEOLOGY	3
LOCAL GEOLOGY	4
ROCKCHIP GEOCHEMICAL & HEAVY SEDIMENT SAMPLING LOCATION PLAN	5
SOIL GEOCHEMICAL LOCATION PLAN (Au)	6
SOIL GEOCHEMICAL LOCATION PLAN (Ag)	7

INTRODUCTION

The Vital Creek property, consisting of claims Jo 12-14, 20-22, 27-29, 35-37 and 75 (212 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/12 E and 11 W at 55° 41' 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 and a quarter hour drive under poor road conditions. The property was evaluated using a Hughes 500D helicopter based at Takla Landing, a return trip taking 28 minutes.

The property is characterized by an east-west trending ridge of high ground, to 1,783 m above sea level. To the south of this ridge creeks drain into the Kenny Creek vally and to the north into the Vital Creek valley, Kenny and Vital creeks are tributaries to Silver Creek, which flows north along the eastern margin of the property. Low lying ground, at approximately the 1,000 m elevation is concentrated along the eastern margin of the property. 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.

The first placer gold found in this area was obtained from Vital Creek in 1869. The creek was worked intermittently until the 1920's - 1930's when a 285 m placer adit was driven along the bedrock contact. Hydraulic operations then took place briefly but were abandoned as a result of the lack of dumping facilities. The

FIGURE 1

GOLDEN PORPHYRITE LTD.

VITAL CREEK PROPERTY

OMINECA MINING DIVISION, B.C.

LOCATION MAP

KILOMETRES

0 50 100 200 300 400

recorded production is 4,602 oz of extremely coarse flakes 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 locate the source rocks of the placer gold found in many of thesurrounding 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 Quartzite 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 53 km^2. A total of 9 geochemical rock chip and 412 soil samples were collected.

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

Claim Name	No. Units	Tag No.	Owner of Record	Date Located	Date Recorded	Record No.
VITAL 1						
Jo 12	20	91207	Arklatex	13.06.83	21.06.83	5243
Jo 13	20	91208	Petroleum	13.06.83	21.06.83	5244
Jo 14	08	91209	Corporation	13.06.83	21.06.83	5245
Jo 22	20	91217	"	12.06.83	21.06.83	5254
VITAL 2						
Jo 20	20	91215	Arklatex	13.06.83	21.06.83	5252
Jo 21	20	91216	Petroleum	12.06.83	21.06.83	5253
Jo 27	20	91222	Corporation	12.06.83	21.06.83	5259
Jo 28	20	91223	"	12.06.83	21.06.83	5260
Jo 29	06	91224	"	11.06.83	21.06.83	5261
VITAL 3						
Jo 35	20	91230	Arklatex	10.06.83	21.06.83	5267
Jo 36	20	91231	Petroleum	10.06.83	21.06.83	5268
Jo 37	10	91232	Corporation	10.06.83	21.06.83	5269
Jo 75	08	69962	"	11.06.83	21.06.83	5306

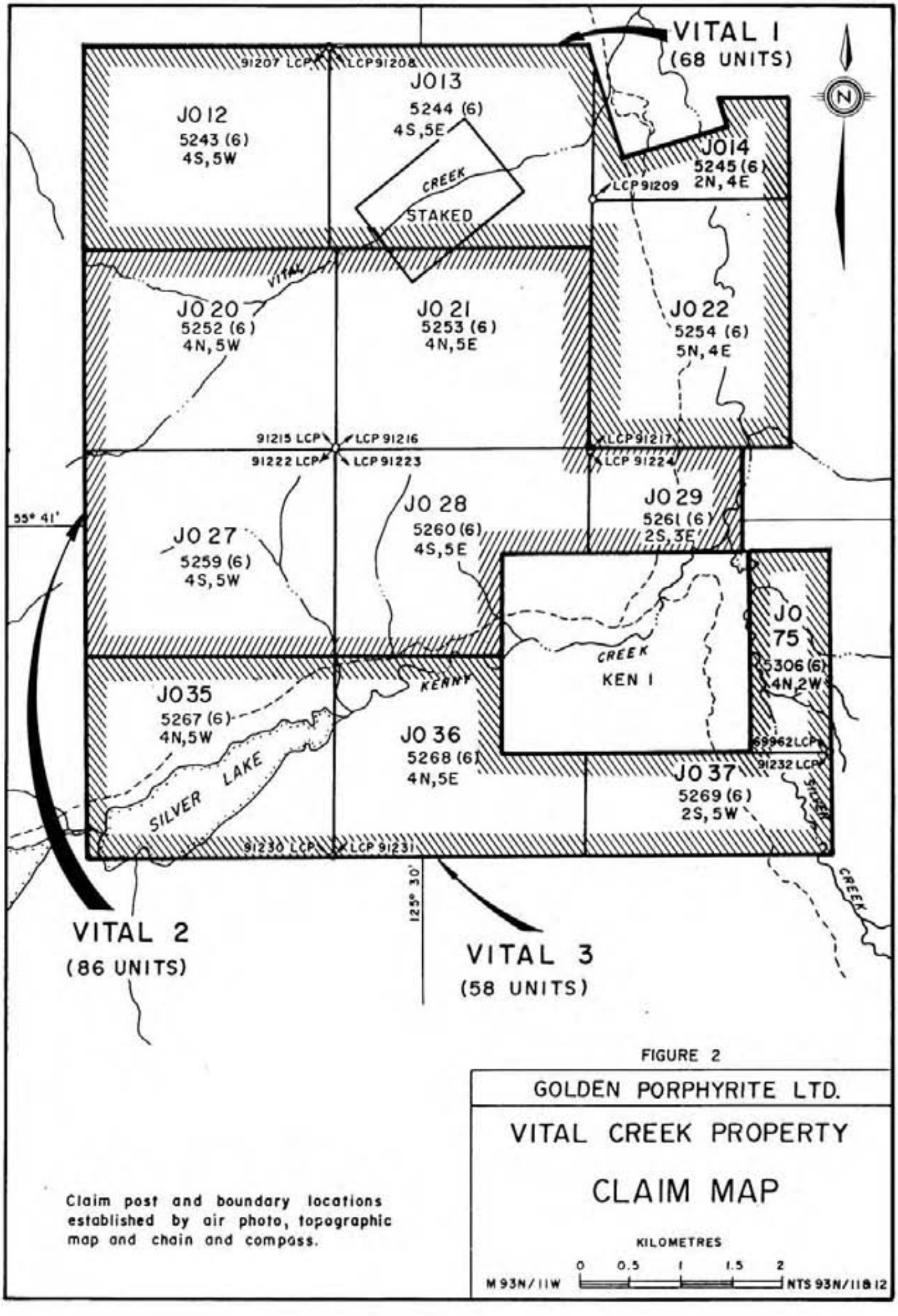


FIGURE 2

GOLDEN PORPHYRITE LTD.

VITAL CREEK PROPERTY

CLAIM MAP

GEOLOGICAL SURVEY

Regional Geology

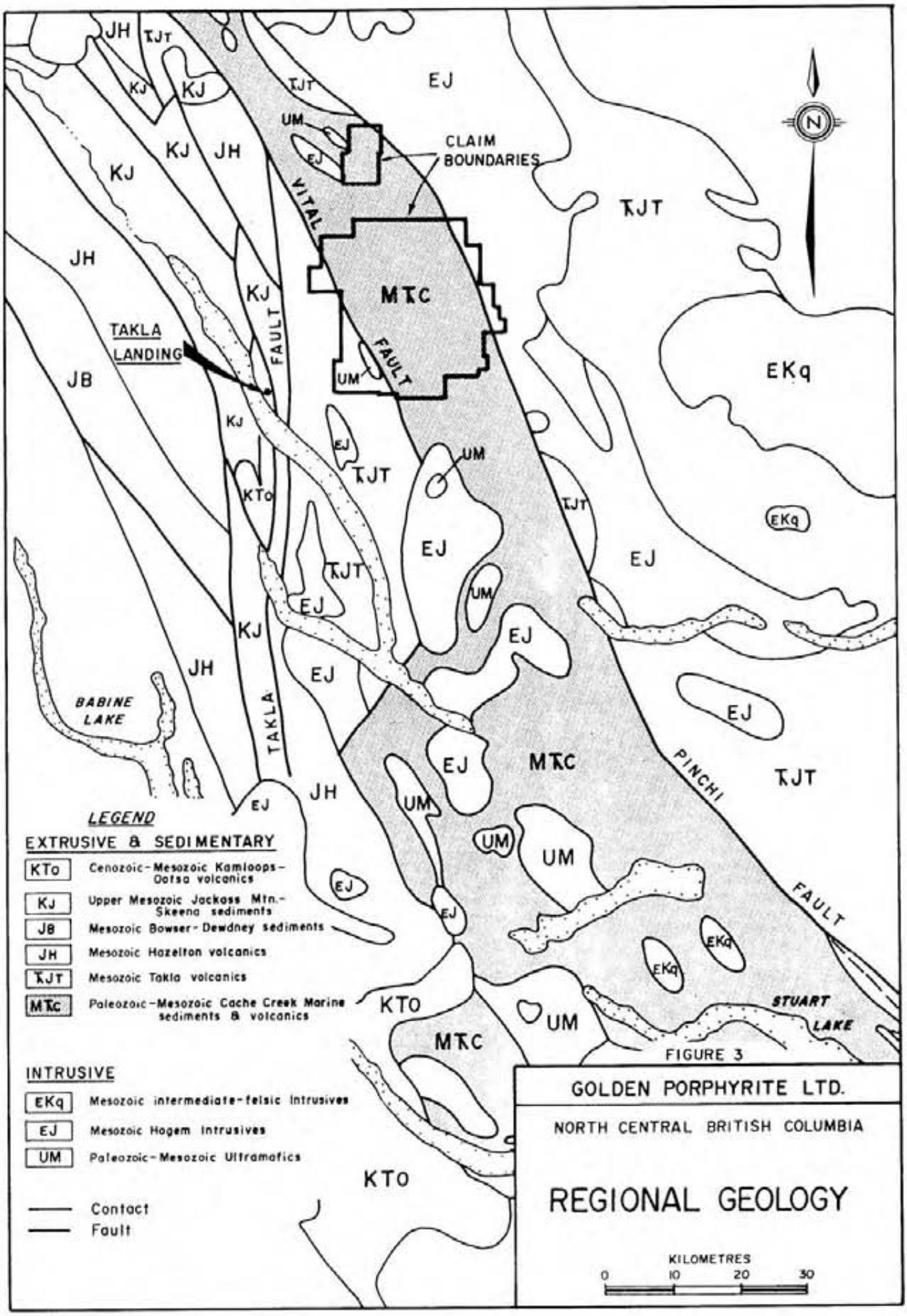
The property is situated in the Omineca Tectonic Belt of the Canadian Cordillera. It lies along the Pinchi Fault and is underlain by the Permo-Triassic Cache Creek Group, first mapped in this area in the early 1940's by the Geological Survey of Canada and later in 1974. The Cache Creek Group consists 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 Vital Creek property was geologically mapped and prospected at a scale of 1:20,000 predominantly along ridge crests and slopes, over an area of 53 km^2.

Units of the Cache Creek Group present within this property are: andesite, cherty argillite, 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 southern claim boundary. The cherty argillite member is grey-black, is frequently interlaminated with chert on a 1 - 10 mm scale. This unit displays well developed foliation parallel or sub-parallel to the original bedding.


JH
TJT
KJ
KJ
EJ
UM
CLAIM
BOUNDARIES
VITAL
FAULT
MTc
TAKLA
LANDING
JB
KJ
FAULT
UM
EKq
KTo
TJT
EJ
UM
EKq
BABINE
LAKE
TAKLA
PINCHI
FAULT
STUART
LAKE
FIGURE 3
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 limestone occurs as thinly bedded to massive units 200 - 300 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. 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 units are thought to occur as small often isolated lenses 5 - 10 m thickn 30 - 50 m wide with an unknown length, for example in Jo 36.

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 moderate easterly 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.

GEOCHEMICAL SURVEY

A total of 412 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 9 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 665 ppb was obtained from an area close to or on the northern Property boundary. This sample was taken from an area with a tributary draining southeast into Vital Creek, (fig. 6).

An anomalous rock chip geochemical value of 80 ppb Au was obtained from the central east-west trending ridge. This sample is from a tuff, throught to be adjacent to an intermediate to felsic igneous rock unit, (fig. 5).

Anomalous silver values were obtained from 5 geochemical soil samples. These values which range between 1.0 and 1.3 ppm Ag, are scattered over the Property with the exception of sample J502 which is 100 m to the east of the highly anomalous gold soil sample near the northern Property boundary, (fig. 7).

HEAVY SEDIMENT SAMPLING

Heavy sediment samples were taken at four localities on the Property and approximately 0.2 m^3 of material was processed at sample #19 and 20 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.

Heavy sediment sample, #43, taken from Vital Creek, returned values of 9.9 on a scale of 1 - 10. This sample was taken from Jo 13, downstream of a tributary draining from the area of the highly anomalous soil sample. Sample #44, also taken from Vital Creek, returned a value of 1, and was collected from a locality 2 km upstream from this tributary of Vital Creek.

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 in the vicinity of the highly anomalous gold soil sample near the northern Property boundary.

DETAILED COST STATEMENT

WAGES:	2 people @ $200/day inc benefits for 10.98 days	2,196.48
	7 people @ $115/day inc benefits for 45.7 days	5,257.25
	2 people @ $143.75/day inc benefits for 13 days	1,868.75
	4 people @ $57.5/day inc benefits for 16 days	920.00
	2 people @ $92/day inc benefits for 6.5 days	595.00
		$10,840.48
SAMPLES:	9 rocks @ $7.25 Au	65.25
	412 soils @ $6.75 Au	2,781.00
	421 rocks & soils @ $1.75 Ag	736.75
		3,583.00
ROOM:	79.0 man days @ $11.30/man day	$ 892.97
BOARD:	79.0 man days @ $17.40/man day	$ 1,374.97
HELICOPTER:	Hughes 500D for 9.80 hours @ $550/hour (incl. fuel)	$ 5,391.68
GROUND AND FIXED WING TRANSPORT	Vancouver to Project area and return	$ 1,868.32
EQUIPMENT	Purchase, rental and repair and consumables	$ 2,292.56
OFFICE	Drafting, mapping, interim report preparation and office overhead	$ 3,297.23
MANAGEMENT FEE		2,954.12
TOTAL		$32,495.33

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 12 - 14, 20 - 22, 27 - 29, 35- 37 and 75 mineral claims.

H.S. Macfarlane, M.Sc.

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

APPENDIX A

Geochemical Sample Results

W.O. # : A8412052
received date : 28-MAY-84
client : GOLDEN PORPHYRITE LTD.
comments : ATTN: H. MACFARLANE

# of samples : 359
project : 3-787 & 3-1015

Sample description	Ag ppm Aqua R	AU-AA ppb
T301 SA-0481	0.1	5
T301 SA-0482	0.2	10
T301 SA-0483	0.1	10
T301 SA-0484	0.1	5
T301 SA-0485	0.5	5
T301 SA-0486	0.1	5
T301 SA-0487	0.1	10
T301 SA-0488	0.2	5
T301 SA-0489	0.5	5
T301 SA-0490	0.1	15
T301 SA-0491	0.2	5
T301 SA-0492	0.3	10
T301 SA-0493	0.1	5
T301 SA-0494	0.1	10
T301 SA-0495	0.1	5
T301 SA-0496	0.1	5
T301 SA-0497	0.2	10
T301 SA-0498	0.1	5
T301 SA-0499	0.1	5
T301 SA-0500	0.4	5
T301 SA-0501	0.1	5
T301 SA-0502	0.1	20
T301 SA-0503	0.1	15
T301 SA-0504	0.3	5
T301 SA-0505	0.2	10
T301 SA-0506	0.3	5
T301 SA-0507	0.1	5
T301 SA-0508	0.1	10
T301 SA-0509	0.1	5
T301 SA-0510	0.1	5
T301 SA-0511	0.1	25
T301 SA-0512	0.5	5
T301 SA-0513	0.1	5
T301 SA-0514	0.1	<5
T301 SA-0515	0.1	10
T301 SA-0516	0.1	5
T301 SA-0517	0.1	5
T301 SA-0518	0.3	5
T301 SA-0519	0.1	5
T301 SA-0520	0.1	10
T301 SA-0521	0.1	10
T301 SA-0522	0.1	5
T301 SA-0523	0.1	15
T301 SA-0524	0.1	5
T301 SA-0525	0.1	5
T301 SA-0526	0.2	10
T301 SA-0527	0.1	15
T301 SA-0528	0.1	5
T301 SA-0529	0.1	5
T301 SA-0530	0.1	15
T301 SA-0531	0.1	5
T301 SA-0532	0.1	10
T301 SA-0533	0.2	10

description	Ag ppm	Au ppb
T301 SK-0252	0.1	<5
T301 SK-0253	0.1	5
T301 SK-0254	0.1	5
T301 SK-0255	0.1	5
T301 SK-0256	0.1	5
T301 SK-0257	0.1	10
T301 SK-0258	0.1	5
T301 SK-0259	0.3	5
T301 SK-0260	0.1	<5
T301 SK-0261	0.1	5
T301 SK-0262	0.1	5
T301 SK-0263	0.1	<5
T301 SK-0264	0.1	5
T301 SK-0265	0.1	5
T301 SK-0266	0.1	10
T301 SK-0267	0.1	<5
T301 SK-0268	0.1	5
T301 SK-0269	0.2	10
T301 SK-0270	0.1	5
T301 SK-0271	0.1	<5
T301 SK-0272	0.1	5
T301 SK-0273	0.1	5
T301 SK-0274	0.1	<5
T301 SK-0275	0.1	5
T301 SK-0276	0.1	5
T301 SK-0277	0.1	10
T301 SK-0278	0.1	5
T301 SK-0279	0.1	5

Sample	Ag ppm	Au ppb
T301 SJ-0378	0.1	5
T301 SJ-0379	0.1	5
T301 SJ-0380	0.1	5
T301 SJ-0381	0.2	5
T301 SJ-0382	0.1	5
T301 SJ-0383	0.2	5
T301 SJ-0384	0.1	5
T301 SJ-0385	0.1	10
T301 SJ-0386	0.1	5
T301 SJ-0387	0.1	5
T301 SJ-0388	0.1	10
T301 SJ-0389	0.1	10
T301 SJ-0390	0.1	5
T301 SJ-0391	0.1	5
T301 SK-0300	0.1	10
T301 SK-0301	0.1	5
T301 SK-0302	0.1	<5
T301 SK-0303	0.3	<5
T301 SK-0304	0.2	<5
T301 SK-0305	0.1	<5
T301 SK-0306	0.4	10
T301 SK-0307	0.3	5
T301 SK-0308	0.3	5
T301 SK-0309	0.4	5
T301 SK-0310	0.2	10
T301 SK-0311	0.1	15
T301 SK-0312	0.3	5
T301 SK-0313	0.6	5
T301 SK-0314	0.1	5
T301 SK-0315	0.2	<5
T301 SK-0316	0.2	<5
T301 SK-0317	0.3	5
T301 SK-0318	0.2	5
T301 SK-0319	0.1	10
T301 SK-0320	0.1	5
T301 SK-0321	0.1	<5
T301 SK-0322	0.1	5
T301 SK-0323	0.1	5
T301 SK-0324	0.2	<5
T301 SK-0325	0.1	<5
T301 SK-0326	0.1	5
T301 SK-0327	0.2	<5
T301 SK-0328	0.1	5
T301 SK-0329	0.1	<5
T301 SK-0330	0.1	5
T301 SK-0331	0.4	10
T301 SK-0332	0.8	5
T301 SK-0333	0.7	10
T301 SK-0334	0.5	5
T301 SK-0335	0.3	<5
T301 SK-0336	0.3	10
T301 SK-0337	0.2	5
T301 SK-0338	0.2	5
T301 SK-0339	0.1	15
T301 SK-0340	0.3	<5

Sample	ng ppm	nu ppb
T301 SJ-0464	0.1	15
T301 SJ-0465	0.1	15
T301 SJ-0466	0.1	10
T301 SJ-0467	0.3	5
T301 SJ-0468	0.2	<5
T301 SJ-0469	0.5	5
T301 SJ-0470	0.3	5
T301 SJ-0471	0.4	5
T301 SJ-0472	0.2	<5
T301 SJ-0473	0.8	<5
T301 SJ-0474	0.3	5
T301 SJ-0475	0.1	5
T301 SJ-0476	0.1	<5
T301 SJ-0477	0.2	<5
T301 SJ-0478	0.1	5
T301 SJ-0479	0.2	5
T301 SJ-0480	0.2	<5
T301 SJ-0481	0.1	5
T301 SJ-0482	0.6	<5
T301 SJ-0483	0.1	5
T301 SJ-0500	0.1	665
T301 SJ-0501	0.1	5
T301 SJ-0502	1.0	<5
T301 SJ-0503	0.3	<5
T301 SJ-0504	0.2	10
T301 SJ-0505	0.1	5
T301 SJ-0506	0.2	10
T301 SJ-0507	0.3	5
T301 SJ-0508	0.1	5
T301 SJ-0509	0.5	<5
T301 SJ-0510	0.3	<5
T301 SJ-0511	0.2	5
T301 SJ-0512	0.2	5
T301 SJ-0513	0.2	5
T301 SJ-0514	0.1	5
T301 SJ-0515	0.3	5
T301 SJ-0516	0.3	5
T301 SJ-0517	0.3	5
T301 SJ-0518	0.2	<5
T301 SJ-0519	0.1	5
T301 SJ-0520	0.1	5
T301 SJ-0521	0.5	5
T301 SJ-0522	0.5	10
T301 SJ-0523	0.2	5
T301 SJ-0524	0.2	5
T301 SJ-0525	0.1	<5
T301 SJ-0526	0.1	5
T301 SJ-0527	0.3	5
T301 SJ-0528	0.3	5
T301 SJ-0529	0.4	10
T301 SF-0089	0.2	NA

W.O. # : A8412051
received date : 28-MAY-84
client : GOLDEN PORPHYRITE LTD.
comments : ATTN: H. MACFARLANE

# of samples : 941
project : 3-727

Sample description	Ag ppm Aqua R	AU-AA ppb
T301 SD-0464	0.1	10
T301 SD-0465	0.1	5
T301 SD-0466	1.2	10
T301 SD-0467	0.2	15
T301 SD-0468	0.2	25
T301 SD-0469	0.2	10
T301 SD-0470	0.2	5
T301 SD-0471	0.2	5
T301 SD-0472	0.2	10
T301 SD-0473	0.1	25
T301 SD-0474	0.1	10
T301 SD-0475	0.1	5
T301 SD-0476	0.2	5
T301 SD-0477	0.1	5
T301 SD-0478	0.5	10
T301 SD-0479	0.1	5
T301 SD-0480	0.2	5
T301 SD-0481	0.2	15
T301 SD-0482	0.1	5
T301 SD-0483	0.2	10
T301 SD-0484	0.5	5
T301 SD-0485	0.2	5
T301 SD-0486	0.3	5
T301 SD-0487	0.9	10
T301 SD-0488	1.3	5
T301 SD-0489	0.1	5
T301 SD-0490	0.1	5
T301 SD-0491	0.1	15
T301 SD-0492	0.2	5
T301 SD-0493	0.1	5
T301 SD-0494	0.2	5
T301 SD-0495	0.3	5
T301 SD-0496	0.1	5
T301 SD-0497	0.1	10
T301 SD-0498	0.1	5
T301 SD-0499	0.1	10
T301 SD-0500	0.1	5
T301 SD-0501	0.1	5
T301 SD-0502	0.1	<5
T301 SD-0503	0.8	5
T301 SD-0504	0.1	5
T301 SD-0505	0.4	5
T301 SD-0506	0.2	5
T301 SG-0561	0.3	10
T301 SG-0562	0.4	5
T301 SG-0563	0.1	5
T301 SG-0564	0.1	5
T301 SG-0565	0.1	10
T301 SG-0566	0.1	10
T301 SG-0567	0.1	5
T301 SG-0568	0.1	5
T301 SG-0569	0.1	5

W.O. # : A8412049
received date : 28-MAY-84
client : GOLDEN PORPHYRITE LTD.
comments : ATTN: H. MACFARLANE

# of samples : 718
project : 3-694

Sample description	Ag ppm Aqua R	Au-AA ppb
T301 RB-0065	0.2	20
T301 RB-0066	0.3	<5
T301 RB-0068	0.1	<5
T301 RB-0069	0.2	5
T301 RE-0126	0.1	5
T301 RE-0127	0.2	5
T301 RE-0133	0.1	5
T301 RF-0088	0.1	5
T301 SB-0067	0.2	80
T301 SJ-0204	0.1	<5
T301 SJ-0205	0.3	10
T301 SJ-0206	0.2	5
T301 SJ-0207	0.1	10
T301 SJ-0208	0.2	5
T301 SJ-0209	0.1	5
T301 SJ-0210	0.1	5
T301 SJ-0211	0.1	5
T301 SJ-0212	0.2	15
T301 SJ-0213	0.1	10
T301 SJ-0214	0.2	10
T301 SJ-0215	0.1	5
T301 SJ-0216	0.1	5
T301 SJ-0217	0.1	10
T301 SJ-0218	0.3	5
T301 SJ-0219	0.1	15
T301 SJ-0220	0.1	5
T301 SJ-0221	0.1	5
T301 SJ-0222	0.1	5
T301 SJ-0224	0.3	5
T301 SJ-0223	0.1	<5
T301 SJ-0225	0.2	5
T301 SJ-0226	0.2	5
T301 SJ-0227	0.2	<5
T301 SJ-0228	0.1	5
T301 SJ-0229	0.2	5
T301 SJ-0230	0.7	<5
T301 SJ-0232	0.1	<5
T301 SJ-0233	0.2	10
T301 SJ-0234	0.1	5
T301 SJ-0235	0.1	10
T301 SJ-0236	0.2	10
T301 SJ-0237	0.3	5
T301 SJ-0238	0.2	5
T301 SJ-0239	0.1	20
T301 SJ-0241	0.1	5
T301 SJ-0242	0.1	15
T301 SK-0245	0.2	5
T301 SK-0246	0.1	5
T301 SK-0247	0.2	5
T301 SK-0248	0.6	5
T301 SK-0249	0.1	5
T301 SK-0250	0.1	5

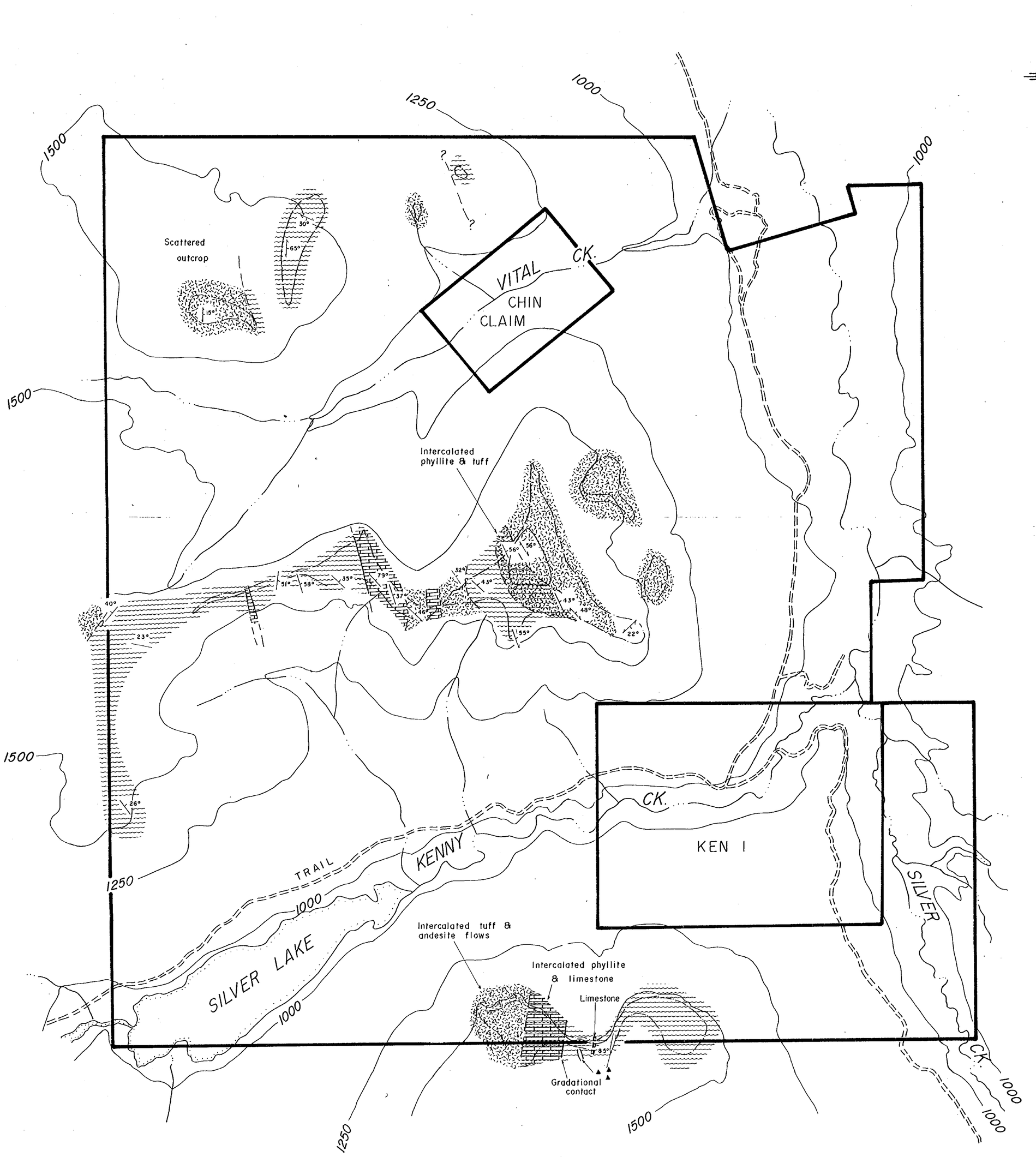
Sample	ng ppm	nu ppb
T301 SG-0570	0.1	5
T301 SG-0571	0.1	10
T301 SG-0572	0.1	5
T301 SG-0573	0.1	5
T301 SG-0574	0.1	5
T301 SG-0575	0.1	10
T301 SG-0576	0.1	5
T301 SG-0577	0.1	10
T301 SG-0578	0.1	5
T301 SG-0579	0.1	5
T301 SG-0580	0.3	5
T301 SG-0581	0.4	5
T301 SG-0582	0.3	5
T301 SG-0583	0.2	5
T301 SG-0584	0.3	5
T301 SG-0585	0.2	10
T301 SG-0586	0.1	5
T301 SG-0587	0.1	5
T301 SG-0588	0.1	5
T301 SG-0589	0.1	5
T301 SG-0590	0.1	5
T301 SG-0591	0.1	10
T301 SG-0592	0.1	20
T301 SG-0593	0.2	10
T301 SG-0594	0.8	5
T301 SG-0595	0.1	5
T301 SG-0596	0.1	10
T301 SG-0597	0.1	10
T301 SG-0598	0.1	5
T301 SG-0599	0.1	5
T301 SG-0600	0.1	5
T301 SJ-0347	0.1	5
T301 SJ-0348	0.1	5
T301 SJ-0349	0.1	10
T301 SJ-0350	0.1	5
T301 SJ-0351	0.1	15
T301 SJ-0352	0.1	15
T301 SJ-0353	0.1	5
T301 SJ-0354	0.1	10
T301 SJ-0355	0.4	5
T301 SJ-0356	0.3	<5
T301 SJ-0357	0.3	<5
T301 SJ-0358	0.1	10
T301 SJ-0359	0.7	5
T301 SJ-0360	0.5	5
T301 SJ-0361	0.1	5
T301 SJ-0362	1.3	5
T301 SJ-0363	0.4	5
T301 SJ-0364	0.1	5
T301 SJ-0365	0.1	15
T301 SJ-0366	0.1	5
T301 SJ-0367	0.1	<5
T301 SJ-0368	0.1	<5
T301 SJ-0369	0.1	10
T301 SJ-0370	0.1	5
T301 SJ-0371	0.1	5
T301 SJ-0372	0.1	10
T301 SJ-0373	0.1	5
T301 SJ-0374	0.1	15
T301 SJ-0375	0.1	5
T301 SJ-0376	0.1	5
T301 SJ-0377	0.1	10

Sample	Ag ppm	Au ppb
T301 SA-0534	0.1	10
T301 SA-0535	0.1	20
T301 SA-0536	0.1	5
T301 SA-0537	0.1	5
T301 SA-0538	0.1	10
T301 SA-0539	0.3	5
T301 SA-0540	0.1	10
T301 SA-0541	0.2	5
T301 SA-0542	0.1	5
T301 SA-0543	0.2	5
T301 SA-0544	0.1	15
T301 SA-0545	0.3	5
T301 SA-0546	0.1	10
T301 SA-0547	0.1	5
T301 SA-0548	0.1	5
T301 SA-0549	0.1	10
T301 SA-0550	0.1	5
T301 SA-0551	0.1	5
T301 SA-0552	0.1	5
T301 SA-0553	0.1	10
T301 SA-0554	0.1	5
T301 SA-0555	0.1	5
T301 SA-0556	0.1	10
T301 SA-0557	0.1	5
T301 SA-0558	0.1	5
T301 SJ-0424	0.8	<5
T301 SJ-0425	0.1	5
T301 SJ-0426	0.1	10
T301 SJ-0427	0.3	10
T301 SJ-0428	0.2	5
T301 SJ-0429	0.1	10
T301 SJ-0430	0.1	15
T301 SJ-0431	0.1	10
T301 SJ-0432	0.1	10
T301 SJ-0433	0.2	5
T301 SJ-0434	0.3	5
T301 SJ-0435	0.3	5
T301 SJ-0436	0.1	5
T301 SJ-0437	0.1	<5
T301 SJ-0438	0.2	15
T301 SJ-0439	0.1	5
T301 SJ-0440	0.2	10
T301 SJ-0441	0.1	5
T301 SJ-0442	0.1	5
T301 SJ-0443	0.3	15
T301 SJ-0444	0.1	10
T301 SJ-0445	0.6	5
T301 SJ-0446	0.2	5
T301 SJ-0447	0.1	10
T301 SJ-0448	0.1	5
T301 SJ-0450	0.1	5
T301 SJ-0452	0.1	10
T301 SJ-0453	0.3	5
T301 SJ-0454	0.4	5
T301 SJ-0455	0.2	10
T301 SJ-0456	0.3	5
T301 SJ-0458	0.1	5
T301 SJ-0459	1.1	20
T301 SJ-0460	0.1	10
T301 SJ-0461	0.1	10
T301 SJ-0462	0.4	5
T301 SJ-0463	0.5	10

APPENDIX B

Rock Chip Sample Descriptions

B	65	Pyrite fissile interbedded tuff and phyllite
B	66	Oxidized green tuff with minor pyrite
B	67	Gossaneous soil derived in-situ from tuff
B	68	Grey diopside skarn with quartz veining
B	69	Blocky tuff float with quartz veining ± pyrite
E	133	Smokey quartz
E	126	Quartz veining in phyllites
E	127	Quartz veining in intermediate to felsic igneous rock
F	88	Orange brown intermediate to felsic igneous rock.



STRATIGRAPHY

CACHE CREEK GROUP
PERMO- TRIASSIC

- Andesite flows
- 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.

VITAL CREEK PROPERTY

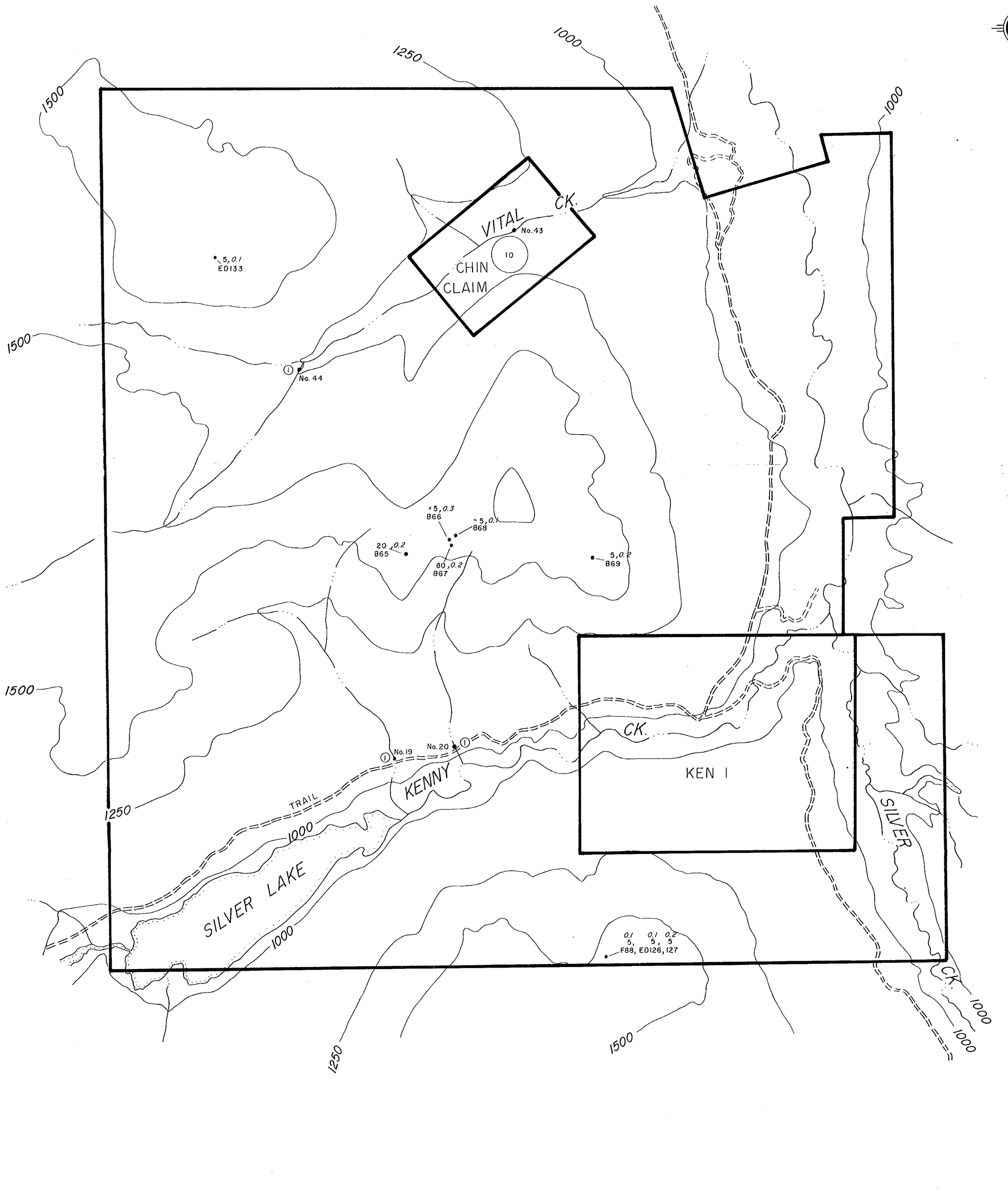
GEOLOGICAL BRANCH
ASSESSMENT REPORT

GEOLOGY

12,546

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

5,0.2 — Au (ppb), Ag (ppm)
ED130 — Rock chip sample number

Heavy Sediment Sampling Location
① — Scale of Au from 1 to 10
No. 19 — Sample number

Scale of Au
0 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

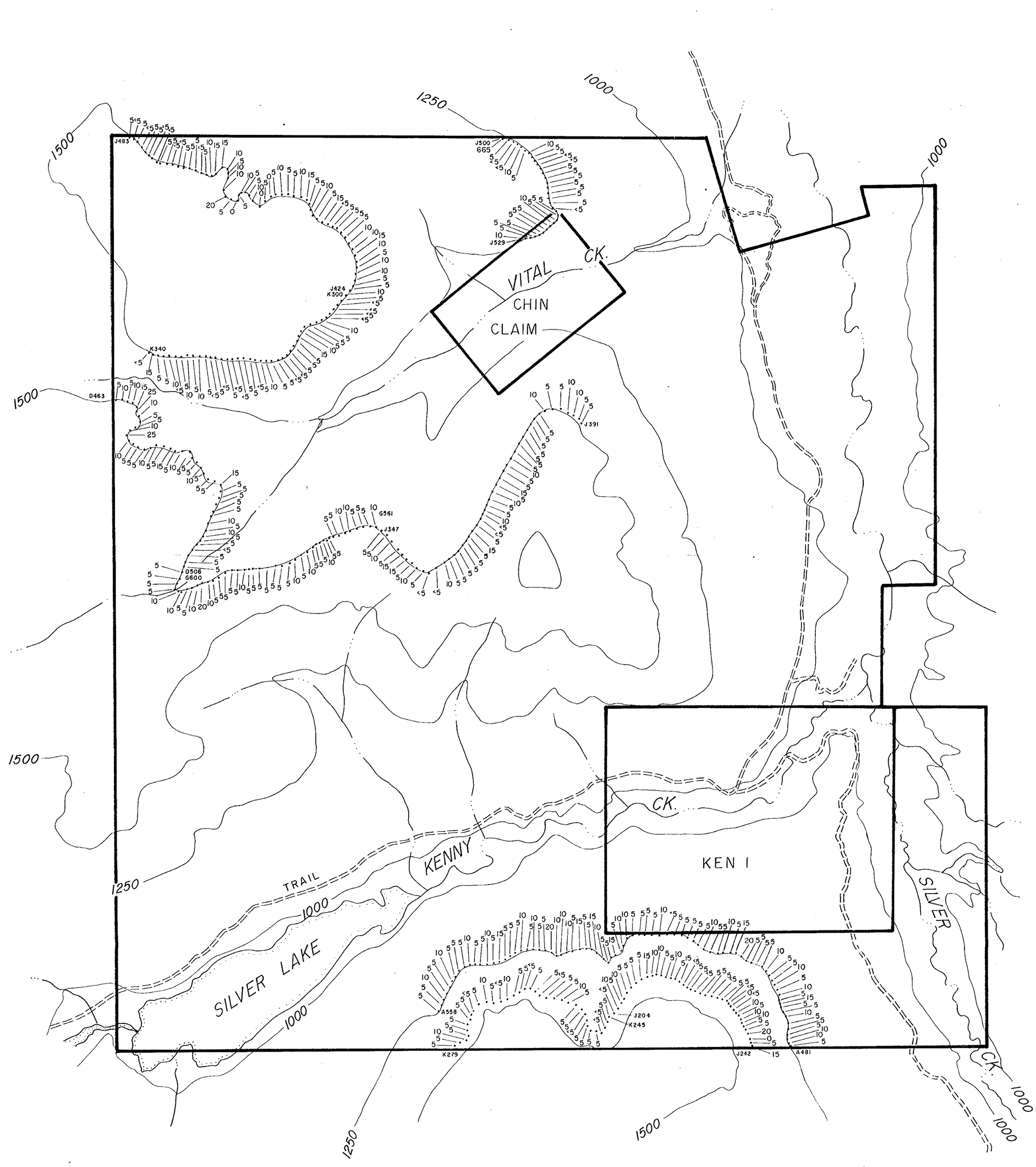
FIGURE 5

GOLDEN PORPHYRITE LTD.

VITAL CREEK PROPERTY

ROCK CHIP GEOCHEMICAL AND HEAVY SEDIMENT SAMPLING LOCATION PLAN

SCALE IN KILOMETRES
0 .5 1 1.5 2 2.5



LEGEND

5 – Au (ppb)

A558 – Soil Sample Number

0 – Indicates sample missing.

FIGURE 6.

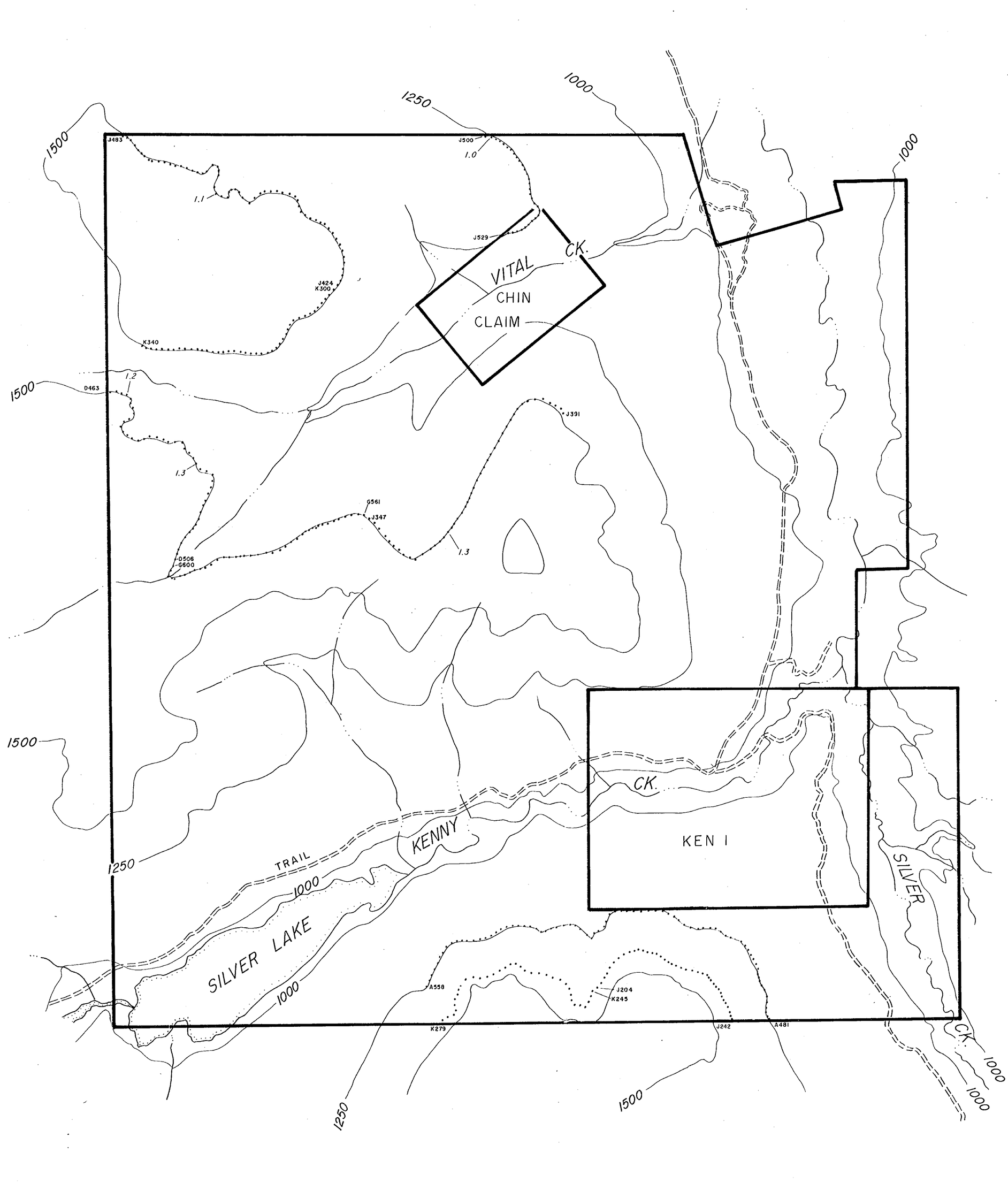
GOLDEN PORPHYRITE LTD.

VITAL CREEK PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5



LEGEND

1.3 – Ag (ppm) only anomalous values plotted.

A558 – Soil Sample Number

0 – Indicates sample missing.

FIGURE 7

GOLDEN PORPHYRITE LTD.

VITAL CREEK PROPERTY

SOIL GEOCHEMICAL LOCATION PLAN

SCALE IN KILOMETRES

0 .5 1 1.5 2 2.5