

185-33-#13426
02/86

**GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE
LUPUS 1, 3, 5 and 6 CLAIMS**

**NANAIMO MINING DIVISION, B.C.
NTS 92F/14E
(49°46'N, 125°10'W)**

for

**PROQUEST RESOURCE CORPORATION
301 - 1867 West 3rd Avenue
Vancouver, B.C. V6J 1K9**

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

by

13,426

**CARL G. VERLEY, B.Sc., Geologist
Amerlin Exploration Services Ltd.
1614 - 675 West Hastings Street
Vancouver, B.C. V6B 4W3
(604) 669-2618**

&

**HARMEN J. KEYSER, B.Sc., Geologist
Aurum Geological Consultants Inc.
2775 East 41st Avenue
Vancouver, B.C. V5R 2X2
(604) 437-5416**

January 1985

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SUMMARY AND CONCLUSIONS

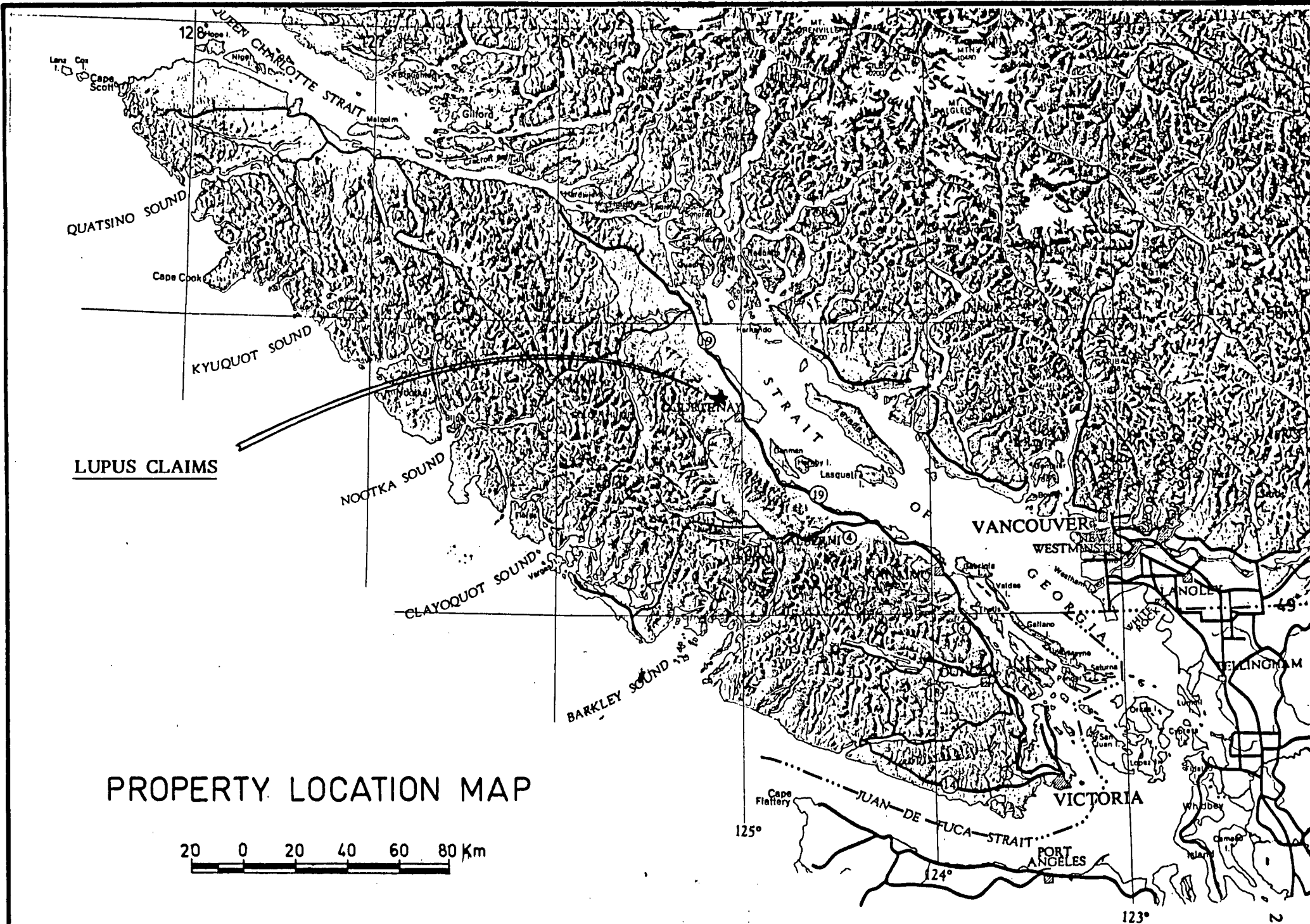
The Lupus 1, 3, 5, 6 and Con Mineral claims, held by Proquest Resource Corporation, consist of 57 units located in the Nanaimo Mining Division (NTS 92F/14E). The property is situated 15.7 kilometres northwest of Courtney and is accessible by road.

Gold-bearing veins on the group are new discoveries in this district. Selected grab samples of vein material have assayed up to 2.045 oz/ton Au, 3.35 oz/ton Ag, 7.20% Zn, 6.10% As, 0.6% Cu, 0.07% Pb. The veins are located in a sequence of Upper Triassic Karmutsen basic volcanics which is unconformably overlain by Upper Cretaceous sandstones and siltstones of the Nanaimo group. This succession is intruded by Tertiary dacite porphyries.

Gold and arsenic are closely related in mineralized zones on the property. Anomalous arsenic in streams therefore suggests that further targets exist on the property and warrant follow-up work.

The age and regional setting of the mineralized zones combined with subtle, reconnaissance geochemical signatures in soils, strongly suggests that there is a high probability for locating potentially economic gold-bearing veins on the claims.

An exploration program is recommended to further evaluate the claims. The total estimated cost of the proposed exploration work is \$138,000.



PROPERTY LOCATION MAP

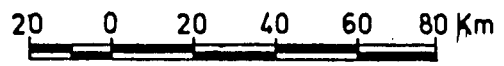


FIGURE 1

INTRODUCTION

The Lupus claims were acquired as a result of stream sediment sampling and prospecting program carried out in late 1983, early 1984 by H.J. Keyser and C.G. Verley. The group covers gold-arsenic and gold-silver-zinc-arsenic-bearing vein structures which are believed to represent new mineral discoveries in this district.

Location

The property is located 15.7 kilometres northwest of Courtney in the Nanaimo Mining Division (NTS 92F/14E). Centered at latitude 49°46'N and longitude 125°10'W, the claims cover the north end of Wolf Lake.

Access

Excellent access is provided by Crown Forest Industries Ltd's logging roads, from the Courtney area, which cross the property as well as pass within a few feet of each showing.

Previous Work

Considerable exploration work was carried out in the vicinity of the Lupus claims at Mt. Washington in the 1950's. This work led to limited production of Cu, Au, Ag from high grade lodes associated with Tertiary intrusives.

During a two and a half year period between 1965 and 1967 377,639 tons of ore were milled to yield 4,128 oz of Au, 224,570 oz of Ag and 7,592,186 pounds of Cu.

In the late 1960's and early 1970's various companies explored the old workings. An intense program was conducted by Imperial Oil Limited for porphyry copper deposits, resulting in the definition of reserves reported at 610,000 tons averaging 1.4% Cu, 0.015 oz/t Au, 1.20 oz/t Ag. More recently Better Resources Ltd. has optioned the Mt. Washington copper properties, acquired additional ground and carried out exploration specifically for "epithermal gold deposits" associated with the Tertiary intrusive complex of the area.

Physiography

The claims are forested with second growth timber. Terrain is relatively subdued over most of the group with elevations ranging from 100 to 500 metres above sea level. The property is in an area that is not as environmentally sensitive to recreational use as Mt. Washington proper. Sufficient water and timber occur in most areas of the property to meet exploration needs.

Summary of Current Work

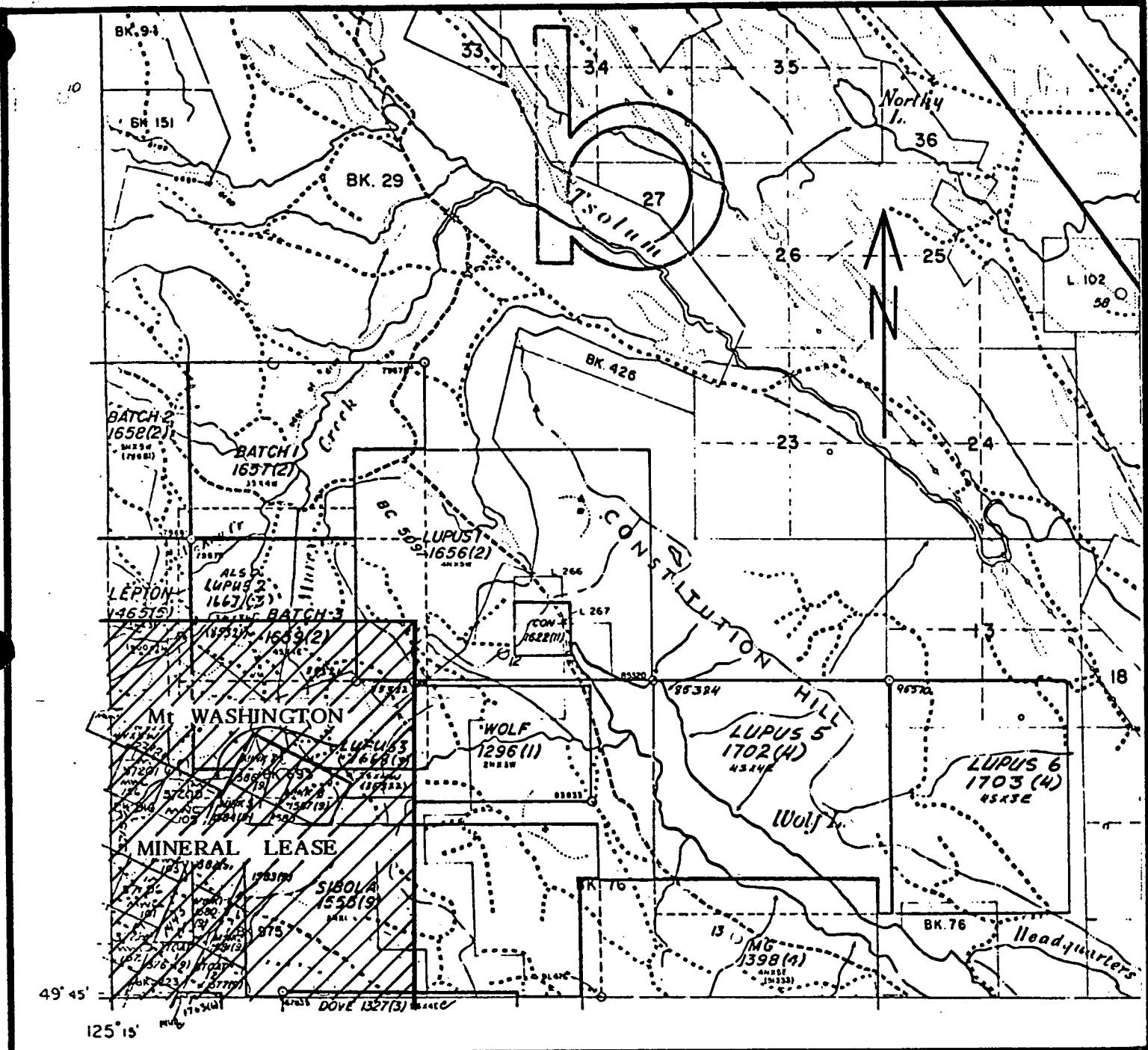
This report describes the results of a program of geological and geochemical work performed on the Lupus 1, 3, 5 and 6 claims. The work consisted of grid establishment over 1.8 km, soil (48 samples), rock (23 samples) and stream (12 silts) sampling. Detailed geological mapping was conducted over showing areas covering approximately 89,000 square metres. Prospecting was undertaken over approximately two square kilometres around the showing areas.

PROPERTY

The Lupus Mineral Claims (Figure 2) were staked by H.J. Keyser and C.G. Verley. All interest in these claims has since been transferred to Proquest Resource Corporation.

The claims, located in the Nanaimo Mining Division (NTS 92F/14E), consist of 56 units in total. However, the Lupus 3 partly overlaps the Batch 3 and Mink Claims and as a consequence that part of the Lupus 3 which Proquest has title to is not contiguous with the other Lupus claims and may only be one unit in area. Furthermore, the Lupus 3 claim and a portion of the southwest corner of the Lupus 1 claim, approximately 1 unit in area, are located in the Mount Washington Mineral Lease. This lease is held by Canpac Minerals Ltd. The lease entitles Canpac to base metal rights, however gold and silver rights reside with the Crown and are open to normal mineral claim acquisition. The writers are therefore of the opinion that Proquest has the rights to gold and silver in that portion of Lupus 1 and 3 covered by the Mount Washington Mineral Lease and that Proquest has the rights to all metallic minerals in the rest of Lupus 1, 5 and 6.

Claim	Units	Record Number	Expiry Date
Lupus 1	20	1656	February 28, 1985
Lupus 3	8	1668	March 13, 1985
Lupus 5	16	1702	April 6, 1985
Lupus 6	12	1703	April 6, 1985



CLAIM LOCATION MAP

LUPUS and CON Mineral Claims
 Proquest Resource Corporation
 Nanaimo Mining Division, B.C.
 NTS 92F/14E
 Scale 1:50,000



Figure 2.

GEOLOGY

The Lupus claims are situated 8 kilometres east of Mt. Washington in the southern part of the Insular Tectonic Belt: the Vancouver Island Ranges. The area is underlain by a succession of gently northeasterly dipping Upper Triassic Karmutsen basic volcanics which are unconformably overlain by Upper Cretaceous Nanaimo Group sandstone and siltstone. This sequence is intruded by Tertiary quartz diorite and related dacite porphyries. Several types of intrusive breccias are associated with the Tertiary rocks (Carson, 1973). Air photographs indicate a pronounced set of radial and concentric lineaments is centered about a point 3.5 kilometres east of Mt. Washington. Aeromagnetic data over part of the area indicates a magnetic high is nearly coincident with the centre of the fracture pattern, possibly suggesting that an unroofed pluton may be buried beneath this area. The Mt. Washington intrusives may be expressions of this deeper seated intrusion and may have been emplaced along zones of weakness where concentric subsidence fractures developed as a result of pulsating activity of the parent magma.

Detailed geological mapping of the whole claim area has not been carried out at present. The distribution of lithologies (Plate 1) is taken from Carson (1973), with descriptions of lithologies as observed during the course of prospecting.

Lithologies

Upper Triassic - Karmutsen Group

A sequence of brownish weathering, massive, basic to intermediate volcanic flows underlies the Lupus 1 claim. Massive flows are dark green coloured, amygdaloid basalts and andesites. Amygdules are filled with

chlorite, quartz, calcite and epidote. Primary layering between flows is difficult to discern. The Karmutsen hosts gold-silver-zinc-arsenic-copper mineralization on Lupus 1, exposed in rubble in a quarry at the north end of Wolf Lake.

Upper Cretaceous - Nanaimo Group

Nanaimo group sediments unconformably overlie the Karmutsen. On the property exposures of the Nanaimo consist of sequences of thin-bedded, fine to medium grained brown weathering, brown to grey coloured greywacke and interbedded siltstone. Locally, near contacts with Tertiary intrusives, the sediments are pyritic, hematitic and altered clays. Gold mineralization at the Creek Showing is situated in this sequence. The thickness of the Nanaimo group sediments on the property is unknown.

Tertiary - Mt. Washington Intrusives

Grey weathering dacite porphyry is the predominant Tertiary lithology underlying the claims. Dacite consists of acicular hornblende phenocrysts (to 1 cm long, 15%) which exhibit a vague alignment, white subhedral feldspar phenocrysts (to 4 mm long, 10%) and rare quartz eyes (1%) in a pale grey medium-grained ground mass of feldspar and quartz.

Dacite has presumably intruded Nanaimo group sediments on the Lupus claims as a large laccolith (Carson, op.cit.). In general the dacite is a resistant cliff forming unit: exposures commonly show well developed vertical joint sets - possibly cooling-contraction joints. An unusual recessive exposure of dacite forms a distinct orange gossan on the east side of Wolf Lake and lies on strike with gold-bearing veins of the Creek Showing. At the gossan dacite is shattered and contains disseminated pyrrhotite. Mafics are chloritized and in some cases completely gone (sericitized?). Feldspars are clouded and locally altered to clays.

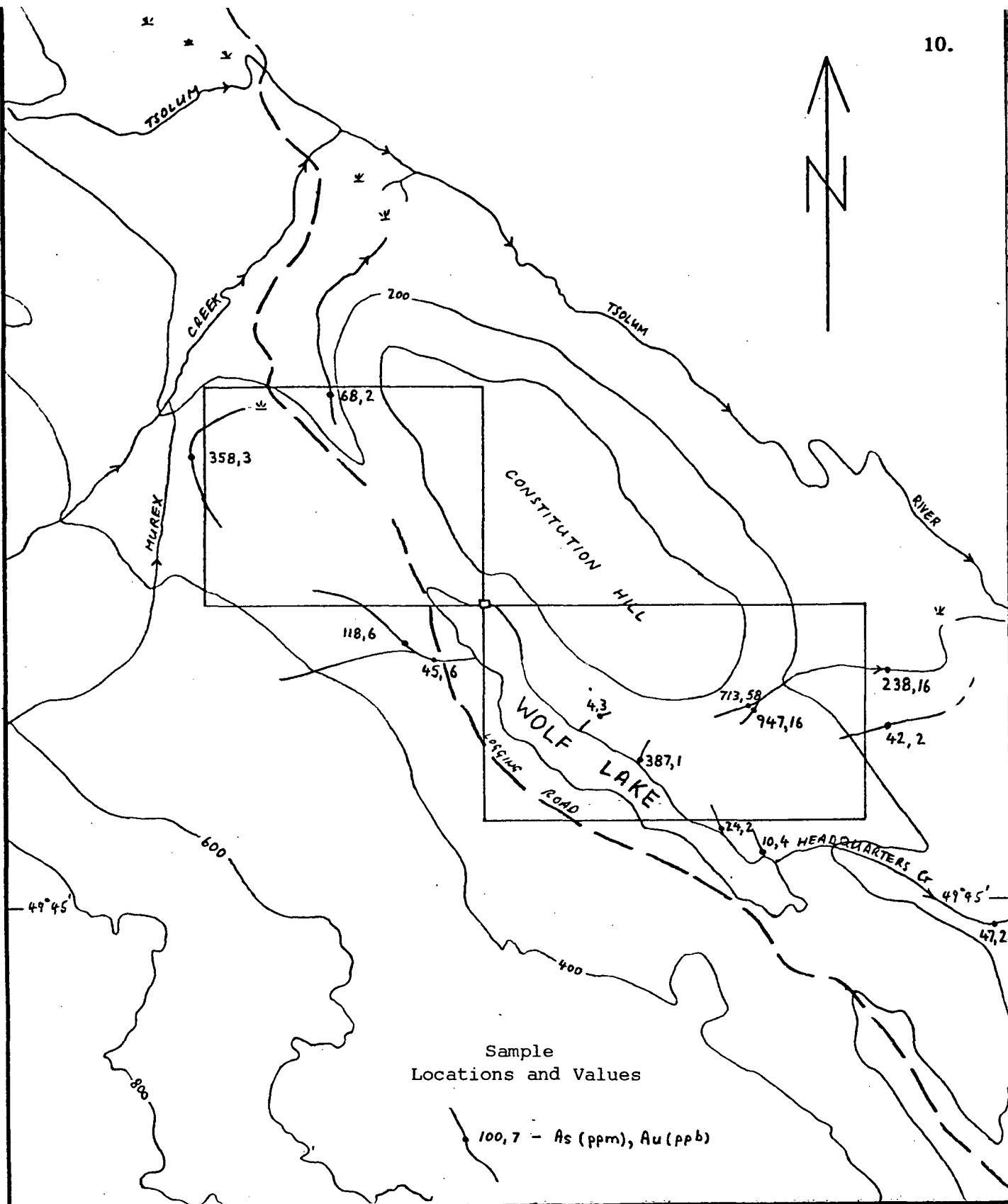
GEOCHEMISTRY

Silt samples (12) were collected from streams draining the claims. The samples were delivered to Acme Analytical Laboratories Ltd. in Vancouver where they were dried and sieved. The -100 mesh fraction was analysed for Mo, Cu, Ag, As and Sb by the inductively coupled argon plasma technique; Au was analysed by fire assay and atomic absorption.

Results of this work (Figure 3 & Appendix A) indicate that the known mineralization in the Creek Showing has a distinct geochemical signature. Two drainages on the Lupus 1 claim are anomalous in arsenic (358, 118 ppm). A small seep draining the gossan on the east side of Wolf Lake is also anomalous in arsenic (387 ppm).

A total of 41 soil samples were collected from the B-horizon along flagged lines over the Creek Showing area and to the west (Plate 2). Samples were placed in numbered kraft envelopes and delivered to Acme Analytical Labs for analysis by the same method used for silts. Results show a distinctly anomalous geochemical signature in Au, As, Ag, Zn and Cu is associated with the showing. Soil lines to the west do not have the same response, however there is a subtle increase in arsenic along the lines which undoubtedly reflects bedrock mineralization.

Six soil samples (HPS - 1 to 6) were collected at 25 metre intervals on a small reconnaissance grid at the Lake Showing (Figure 4). The results of this work (Appendix A) suggest that mineralization at the Lake Showing does not extend to the west. However, because of the limited area sampled and the nature of the mineralization - vein type - the results are felt to be inconclusive.



STREAM SEDIMENT GEOCHEMISTRY

Arsenic and Gold in Silts

Lupus mineral claims
Nanaimo Mining Division, B.C.

NTS 92F/14E
Scale 1:50,000

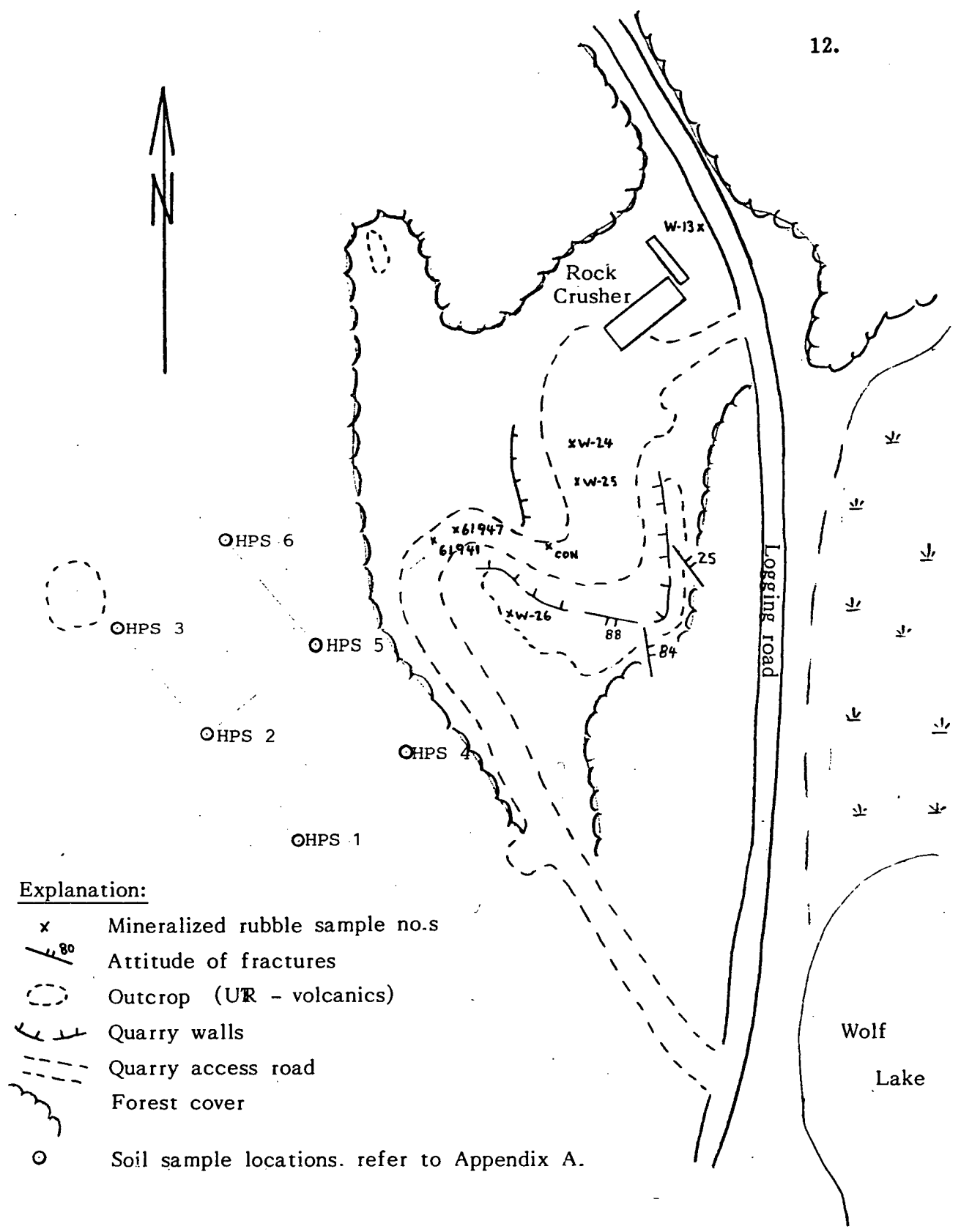
Figure 3.

MINERALIZATION

To date two areas of gold mineralization have been located on the Lupus claims. Each showing is associated with arsenopyrite. Streams anomalous in arsenic that drain the property could yield further showings following a program of detailed prospecting.

The **Lake Showing**, situated by the north end of Wolf Lake on the Lupus 1 claim, is a new discovery. Gold, silver, zinc, arsenic and copper mineralization was exposed in 1983 by Crown Forest Industries Ltd. during the course of quarrying roadbed material. The mineralization occurs as rubble in the quarry and to date has not been located in place. However, the nature of the mineralized boulders suggests that the source is situated under the debris pile within the quarry. Mineralized material contains pyrite, arsenopyrite, black sphalerite and minor chalcopyrite in veins lined with hackly quartz crystals. Sections of veins containing massive sulphide exhibit a zoning, from the walls to the centre, of arsenopyrite-pyrite-sphalerite-pyrite-arsenopyrite-quartz-carbonate. Widths of veins as indicated from rubble are up to 10 cm. However, because the veins are not exposed, answers to the critical questions: how many veins form the mineralized zone and what is the surface width of these veins, are unknown. Furthermore, in many precious metal vein deposits narrow surface veins are known to swell dramatically at depth. This possibility must be addressed and pursued by the serious explorationist in light of the favourable precious metal environment in this area.

Wall rock to the veins (Karmutsen volcanics) is intensely altered: bleached to a pale grey colour and weathers rusty (sideritic?). A distinct close-spaced fracturing or sheeted structure is developed in the altered wall rocks. The sheeting is visible in the walls of the quarry.



Explanation:

- x Mineralized rubble sample no.s
- Attitude of fractures
- Outcrop (UR - volcanics)
- Quarry walls
- Quarry access road
- Forest cover
- Soil sample locations. refer to Appendix A.

LAKE SHOWING - PLAN

Scale 1:1,000



Figure 4



Figure 5: Lake Showing, looking west.



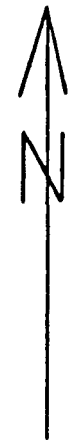
Figure 8: Gossan - Creek Showing area, looking east.

Selected grab samples of mineralized material have assayed as follows:

Sample	Au	Ag	Zn	As	Cu	Pb
61947	2.045 oz/t	3.35 oz/t	7.20%	6.10%	0.6%	0.07%
61941	1.183 oz/t	2.45 oz/t	11.40%	45408 ppm	0.70%	0.09%
CON - (Quarry)	0.359 oz/t	0.38 oz/t	1.80%	-	0.12%	0.01%

The nature of the alteration, habit and type of mineralization at the Lake Showing suggests that it has the potential of being an exceptional, high-grade vein structure. The sheeted structure associated with mineralization is similar to that found at the Mt. Washington lodes (Carson, 1969).

The **Creek Showing** located on the Lupus 6 claim at the south end of Constitution Hill was apparently previously staked, but there are no written records of mineralization being found in this area. Mineralization extends intermittently along a zone approximately 200 metres long (Figure 6) and occurs in narrow breccia veins (up to 10 cm wide) and on fracture and shear surfaces. Breccia vein material consists of siltstone and sandstone fragments in a matrix of fine to medium-grained pyrite and arsenopyrite, clay, realgar and coarse white calcite. Some breccia-types contain black sphalerite as do veins at the eastern edge of the Creek Showing area. Selected grab samples of mineralized vein material assayed: Au, 0.346 oz/t; Ag, 0.01 oz/t; As, 29,494 ppm. The mineralized veins exposed in the creek are somewhat irregular in attitude, but trend approximately east-northeasterly and have steep northerly dips. Alteration of wallrock is variable and locally intense producing a bleached, fractured rock that is anomalous in Au (325 ppb) and As (1841 ppm). Following the vein trend to the west there is very little exposure until a distinct orange soil gossan is reached on the edge of Wolf Lake. Exposures of altered and shattered dacite containing disseminated pyrrhotite occur adjacent to the gossan.



LEGEND

Oligocene: Mt. Washington Intrusives.

- Td Dacite porphyry
- Kn Sandstone and shale
- Outcrop distribution

Upper Cretaceous: Nanaimo Group.

- Kn Sandstone and shale
- Outcrop distribution
- Shear zones/faults
- Attitude of bedding
- x Mineralization
- ⌞ Swamp
- Logging road, skidder trail
- Inferred lithologic contact

○ 30, 647 Soil sample location with values:
Au (ppb), As (ppm).
Refer to Plate 1 for further values.

**GEOLOGICAL - GEOCHEMICAL PLAN
CREEK SHOWING AREA**

Lupus 6 claim

Scale 1:1,000

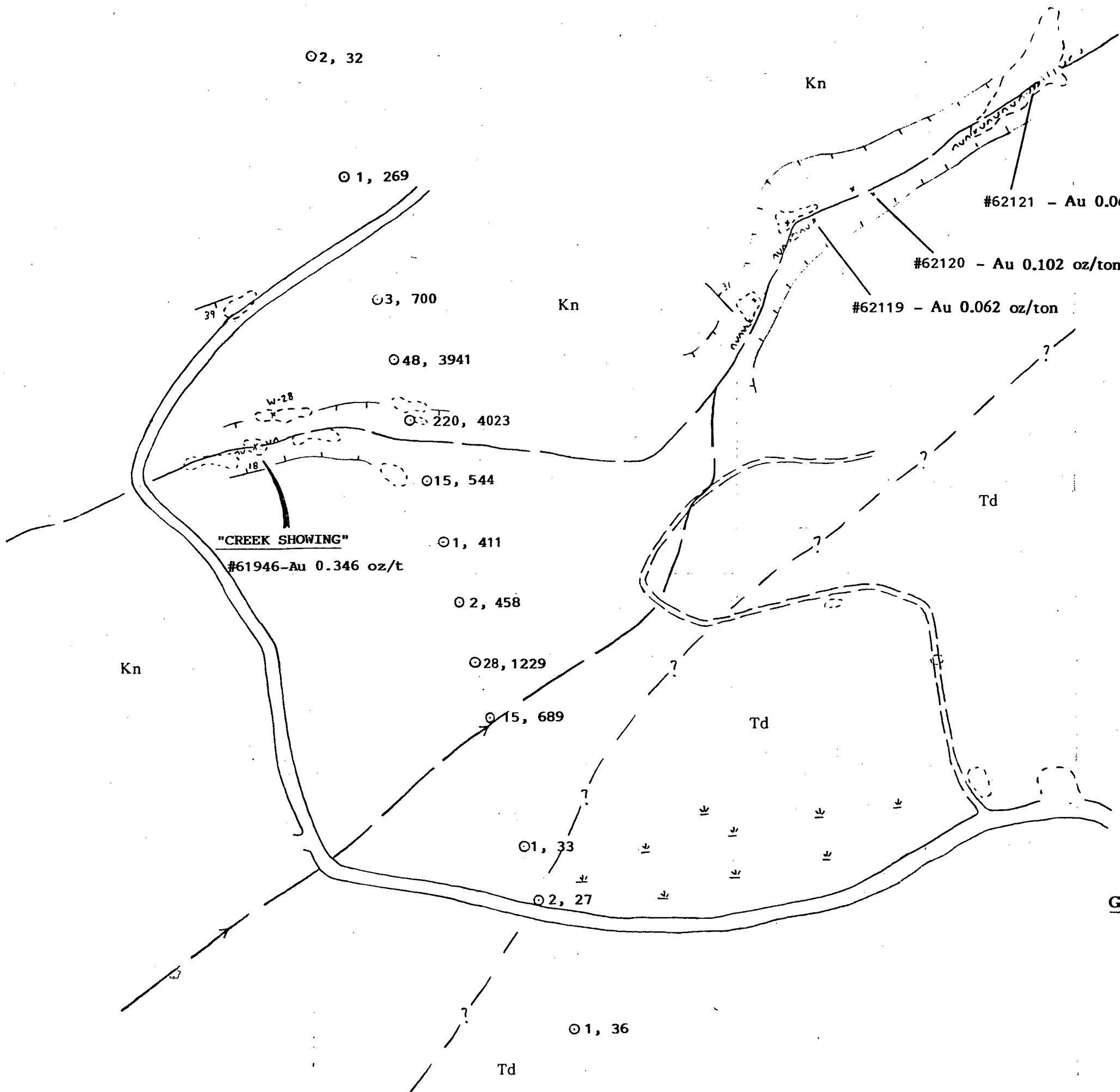
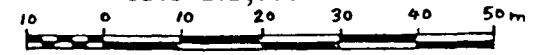


Figure 6.



Figure 7: Creek Showing, looking west.

Further mineralization was noted during the course of prospecting on the Lupus 1 and 3. Narrow (to 4 cm wide) quartz veins occur in the Karmutsen volcanics. Locations of samples of sulphide-bearing volcanic rock are plotted on Plate 1. The Karmutsen in this area appears to be intensely altered (silicified?) and contains actinolite, pyrite, pyrrhotite and chalcopyrite or fracture surfaces and as disseminations. The occurrence of actinolite and pyrrhotite in the volcanics suggests a high temperature origin for this alteration assemblage. The rocks sampled appear to be low in gold. This may be a result of the high temperature alteration they have been subjected to. If this is the case, then perhaps potential for locating low-grade, large tonnage gold mineralization occurs at the transition from this high temperature zone to a low-temperature propylitic alteration assemblage.

ECONOMIC POTENTIAL

The regional setting of the Lupus claims in the Mt. Washington area is one of a major Tertiary intrusive complex. Radial fracture patterns and concentric subsidence fractures centered around an aeromagnetic high suggest that an unroofed pluton underlies the area. Quartz diorite and dacite porphyry are thought to be high level intrusives related to this underlying parent magma and were emplaced along zones of weakness during episodes of forceful intrusive activity. Mineral deposition associated with these events produced the well known copper-gold-silver-arsenic lodes and the large porphyry copper-gold-silver systems of Mt. Washington. The mineralization documents the large hydrothermal system that has affected the area and provides a setting that is highly permissive for the development of precious metal veins.

Similarity of age and forceful style of emplacement, resulting in the development of intrusive breccias, is pointed out to exist between Mt. Washington and the Zeballos gold camp (Carson, 1973). The Zeballos area has yielded 331,000 ounces of gold from material averaging 0.5 oz/t (Barr, 1980). It is believed that there is excellent potential for finding similar types of deposits in the Mt. Washington area.

Mineralization found and exposed to date on the Lupus claims contains metal values that are indicative of deposits having economic potential. In the Creek Showing area mineralizing events have taken place over a linear zone in excess of 900 metres as demonstrated by arsenic soil and stream geochemistry and hydrothermal alteration. Combined with the gold values found in veins at this showing it is possible to conclude that large mineralized structures exist on the property. These structures may host potentially economic gold-bearing veins. At the Lake Showing spectacular mineralized rubble, presumably from a very local source within the quarry, has intense hydrothermal alteration that typifies many high-grade vein deposits. Sheeting associated with the mineralization is similar to that observed at Mt. Washington lode deposits. The Lake Showing presents a second precious-metal, vein target area.

RECOMMENDATIONS

A three stage, success-contingent exploration program is recommended to evaluate the potential of the Lupus claims.

Stage 1

- Geological mapping 1:10,000 scale
- Detailed mapping of showing areas
- Detailed prospecting of property
- Continuation of soil sampling, Creek Showing area
- Reconnaissance soil sampling Lupus 1 claim
- Trenching: Lake Showing

Estimated Costs Stage 1 \$ 18,000

Stage 2

- Induced polarization surveys,
Lake and Creek Showing areas
- Trenching: Creek Showing area

Estimated Costs Stage 2 20,000

Stage 3

- Diamond drilling: 1000 metres

Estimated Costs Stage 3 100,000

Total Estimated Cost of Recommended Program \$138,000

Respectfully submitted,

Carl G. Verley

Carl G. Verley

Harmen J. Keyser

Harmen J. Keyser

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- Barr, D.A.: . Gold in the Canadian Cordillera, CIMM Bulletin,
1980 June, pp 59-76.
- Carson, D.J.T.: Tertiary Mineral Deposits of Vancouver Island, CIMM
1969 Transactions Vol. 62, pp 116-125.
- Carson, D.J.T.: The Plutonic Rocks of Vancouver Island, G.S.C. Paper
1973 72-44.

APPENDIX A
ASSAY AND ANALYTICAL DATA

ASSAY AND ANALYTICAL DATA
ROCK SAMPLE DESCRIPTIONS

Sample	Description	Reference
LAKE SHOWING		
61941	Grab sample of mineralized vein rubble (float)	Figure 4
61947	" " " " " " " "	"
CON - (Quarry)	" " " " " " " "	"
W-13	Grab sample of pyritic sandstone float	"
W-24	Grab sample of bleached, carbonate altered vein wall rock	"
W-25	Grab sample of dark (carbonaceous?) altered vein wall rock	"
W-26	Grab sample of unaltered Karmutsen	"
CREEK SHOWING		
61944	Chip sample over 30 cm in rusty fractured zone in bleached sandstone in creek same location as 61946	Figure 6
61945	Panel sample over 1 sq. m of Creek Showing, same location as 61946	"
61946	Grab sample of arsenopyrite-pyrite bearing vein rubble (float)	"
62119	Grab sample of mineralized breccia float	"
62120	" " " " " " " "	"
62121	Grab sample of mineralized vein - in place	"
W-16	Chips of altered rusty sandstone	"
W-17	Chips of pyrite-arsenopyrite-carbonate vein	"
W-28	Chips of bleached, shattered and pyritic sandstone(?)	"
W-30	Chips of altered and leached sandstone	"
W-31	Chips of pyritic intrusive by gossan	Plate 1
RS-2	Recce soil sample, same location as W-31	"
LUPUS 3, SW LUPUS 1		
W-15	Grab sample of pyritic quartz vein rubble from old trench beside logging road	"
W-18	Chips of pyritic quartz veins (1-2 cm wide, 1/m)	"
W-19	Chips of pyritic quartz stringers and pyritic wall rock	"
W-20	As W-19	"
W-29	Chips of altered (siliceous?) volcanic rock, contains pyrrhotite and chalcopyrite	"
L-1	As W-29	"
L-2	Chips off large pyritic quartz vein float boulder	"

SOILS AND SILTS

HPS - 1 to 6 - Lake Showing soils
WS - 5, 6, 9, 10, 17 - Silts from creeks draining
WS - 20, 21, 22 - Lupus claims
WS - 32, 33, 34, 35, 36 - Lupus claims

Figure 4

Figure 3

"

"

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JAN 10 1984

DATE REPORTS MAILED *Jan 13/84*

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PRULVERIZED TO -100 MESH.

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPL PROJECT # WOLF FILE # 84-0041B PAGE# 1

SAMPLE	CU %	PB %	ZN %	AG OZ/TON	AU OZ/TON
61941	.70	.09	11.40	2.45	1.183

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852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED MAY-10-84

DATE REPORTS MAILED *May 15/84*

ASSAY CERTIFICATE

SAMPLE TYPE : ROCK - CRUSHED AND PULVERIZED TO -100 MESH.
AG & AU BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN PROJECT# WOLF FILE# 84-0735B PAGE# 1

SAMPLE	CU %	PB %	ZN %	AS %	AG OZ/T	AU OZ/T
61947	.60	.07	7.20	6.10	3.35	2.045

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ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO₃ TO H₂O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppa.
SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED JAN 10 1984 DATE REPORTS MAILED Jan 13/84 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPL PROJECT # WOLF FILE # 84-0041B

PAGE # 1

SAMPLE #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	M	
	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa	ppa
61941	19	5541	670	61778 ^y	73.8 ^x	22	38	427	22.92	45408 [*]	4	38 [*]	2	10	468	64	51	42	.14	.03	2	4	.23	9	.01	12	.81	.01	.03	2	

** regular alkali digestion required*

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52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PH: 253-3158 TELEX 04-53124

DATE RECEIVED: NOV 13 1984

DATE REPORT MAILED: *Nov 16/84*

ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS AU: 10 GRAM REGULAR ASSAY

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION PROJECT WOLF FILE # 84-3310 PAGE 1

SAMPLE#	Cu %	Pb %	Zn %	Ag oz/t	As %	Au oz/t
62119	.02	.02	.44	.14	1.98	.062
62120	.03	.06	1.19	.32	4.46	.102
62121	.45	1.43	5.41	3.38	1.93	.066

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PH: 253-3158 TELEX: 04-53124

DATE RECEIVED MAR 16 1984

DATE REPORTS MAILED *Mar 21/84*

ASSAY CERTIFICATE

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppm.
AG: ANALYSIS BY AA.
SAMPLE TYPE - ROCK AG AND AU BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION PROJECT # WOLF FILE # 84-0368 PAGE# 1

SAMPLE	MO ppm	CU ppm	ZN ppm	AS ppm	SB ppm	Ag o/t	Au o/t
61944	1	9	8	2337	7	.04	.004
61945	1	29	23	8958	30	.14	.037
61946	1	62	17	29494*	322	.01	.346

* Assay required.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Sr,Cr AND B. Au DETECTION 3 ppm.
 AU11 ANALYSIS FROM 10 GRAM FA+AA. SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED JAN 10 1984 DATE REPORTS MAILED Jan 12/84 ASSAYER D. Jey DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPL. PROJECT # WOLF FILE # B4-0041A PAGE # 1

SAMPLE #	Mo	Cu	Pb	Zn	Aq	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Hg	Ba	Ti	B	Al	Na	K	W	Au11	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	%	ppm	ppb
M-13	10	894	6	23	.9	87	85	164	9.02	21	3	ND	2	10	1	2	10	66	.53	.01	2	32	.31	36	.01	7	1.49	.03	.13	2	9	
STD A-1/FA-AU	1	31	40	181	.3	36	13	1037	2.79	9	3	ND	2	37	1	2	2	57	.61	.11	8	72	.70	281	.08	8	2.05	.01	.20	2	52	

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH: 253-3158 TELEX: 04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppm.
 AUII ANALYSIS FROM 10 GRAM FA+AA. SAMPLE TYPE - STREAM SED & ROCK

DATE RECEIVED JAN 16 1984 DATE REPORTS MAILED Jan 20/84 ASSAYER Al Jepsy DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPL PROJECT # WOLF FILE # 84-0063

PAGE # 1

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Aq ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	AuII ppb
MS-1	1	93	7	50	.1	28	17	578	4.00	38	2	ND	2	21	1	2	2	107	.94	.03	3	42	.64	38	.19	4	2.24	.02	.04	2	3
MS-2	1	129	9	58	.1	32	19	684	4.60	75	2	ND	2	22	1	2	2	124	.91	.04	4	51	.69	46	.19	3	2.61	.02	.04	2	3
MS-3	1	373	7	81	.1	39	24	814	5.75	37	9	ND	2	32	1	2	2	186	1.98	.04	4	47	1.30	43	.44	8	3.36	.04	.04	2	2
MS-4	1	95	9	46	.1	26	14	477	4.25	48	2	ND	2	13	1	2	2	134	.88	.03	3	39	.65	26	.25	5	2.33	.01	.03	2	3
MS-5	1	55	37	49	.9	14	10	884	3.65	713	2	ND	2	23	1	4	2	44	.43	.05	6	11	.16	58	.01	5	1.33	.01	.03	2	58
MS-6	1	12	17	(371)	.2	8	6	1125	2.39	947	2	ND	2	20	1	3	2	31	.40	.03	7	11	.11	88	.01	6	1.26	.01	.04	2	16
MS-7	1	55	11	64	.2	21	13	878	3.33	125	2	ND	2	23	1	3	2	85	.70	.03	4	35	.43	51	.10	5	2.22	.02	.03	2	5
MS-8	1	133	10	66	.1	31	20	754	5.03	110	2	ND	2	23	1	3	2	159	1.25	.04	3	45	.75	35	.31	4	2.69	.02	.04	2	2
MS-9	1	68	18	60	.1	21	24	1433	3.66	45	2	ND	2	20	1	4	2	83	.48	.04	4	36	.44	66	.08	3	2.41	.01	.04	2	6
W-14 ROCK	1	913	11	110	.4	65	48	929	11.24	23	11	ND	2	18	1	2	2	(321)	.58	.13	2	150	1.78	4	.12	2	4.26	.06	.01	2	6
W-15 ROCK	2	3197	10	146	11.7	34	99	315	20.73	76	2	ND	2	1	1	5	2	92	.03	.02	2	15	.51	5	.01	2	1.07	.01	.01	2	(55)
W-16 ROCK	2	138	10	51	.8	19	16	578	5.27	26	2	ND	2	23	1	2	2	42	1.43	.04	5	10	.28	116	.01	9	.84	.02	.28	2	4
W-17 ROCK	1	34	123	10	2.8	9	4	989	6.76	22718	2	3	2	52	1	92	2	15	10.03	.03	2	5	.47	42	.01	3	.38	.01	.15	2	3500
STD A-17/FA-AU	1	31	38	183	.3	35	12	1019	2.86	10	2	ND	2	36	1	2	2	57	.59	.10	8	76	.68	278	.08	8	2.06	.01	.20	2	53

A
ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: 253-3158 TELEX: 04-53124

DATE RECEIVED JAN 24 1984

DATE REPORTS MAILED *Jan 26/84*

ASSAY CERTIFICATE

SAMPLE TYPE : REJECT
AG & AU BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION SERVICES LTD FILE # RE: 84-0063 PAGE# 1

SAMPLE

AG AU
OZ/TON OZ/TON

W-15

.41 .005

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:253-3158 TELEX:04-53124

DATE RECEIVED FEB 7 1984

DATE REPORTS MAILED *Feb 10/84*

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppm.
AU** ANALYSIS FROM 10 GRAM FA+AA.
SAMPLE TYPE - P1 ROCK P2 SILT & SOIL

ASSAYER *D. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPL PROJECT # WOLF FILE # 84-0152A PAGE# 1

SAMPLE	MO ppm	CU ppm	ZN ppm	AG ppm	AS ppm	Au** ppb
W 18	1	2495	77	1.7	4	16
W 19	1	1193	87	.8	5	3
W 20	1	641	25	1.4	33	11
W 21	1	123	74	.7	1148	5
W 22	1	59	83	.8	434	1
W 23	43	233	45	.4	11226	4
W 24	1	377	1158	4.2	463	14
W 25	1	404	4124	3.4	5718	360
W 26	1	108	124	.3	87	10
STD A-1/FA-AU	1	30	184	.3	9	52

CME ANALYTICAL LABORATORIES LTD.
152 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: APR 16 1984

DATE REPORT MAILED: *Apr 18/84*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SILT SOIL AND ROCK AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION PROJECT # WOLF FILE # 84-0549 PAGE 1

SAMPLE#	MO PPM	CU PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU** PPB
RS-2 SOIL	1	16	52	.2	40	3	1
W-29 ROCK	4	775	21	.2	17	2	4
W-30 ROCK	1	229	8	3.4	137	6	6
W-31 ROCK	1	12	34	.2	21	2	5
L-1 ROCK	3	504	11	.3	29	2	2
L-2 ROCK	34	7057	139	8.8	73	2	75
STD A-1/FA-AU	1	32	187	.3	10	2	54

AMERLIN EXPL

PROJECT # WOLF

FILE # 84-0152A

PAGE# 2

SAMPLE	MO ppm	CU ppm	ZN ppm	AG ppm	AS ppm	Au** ppb
WS 10	1	70	64	.1	68	2
WS 11	4	193	49	.2	128	140
WS 12	2	106	51	.2	82	6
WS 13	4	233	49	.5	144	70
WS 14	3	253	49	.4	173	38
WS 15	6	279	55	.4	139	55
WS 16	1	96	57	.1	60	7
WS 17	1	104	64	.3	358	3
WS 18	1	70	42	.2	46	8
WS 19	1	65	58	.2	119	4
HPS 1	1	62	139	.1	30	10
HPS 2	1	51	184	.1	30	4
HPS 4	1	68	89	.2	30	27
HPS 5	1	54	66	.1	27	3
HPS 6	1	42	70	.2	47	1
STD A-1/FA-AU	1	30	185	.3	10	53

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS, VANCOUVER B.C.
 PH: 253-3158 TELEX: 04-53124

DATE RECEIVED MAR 16 1984

DATE REPORTS MAILED *Mar 20/84*

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
 THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppm.
 AU** ANALYSIS FROM 10 GRAM FA+AA.
 SAMPLE TYPE - STREAM SED

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION PROJECT # WOLF FILE # 84-0368A PAGE# 1

SAMPLE	MO ppm	CU ppm	ZN ppm	AG ppm	AS ppm	SB ppm	Au** ppb
WS-20	1	47	94	.9	387	2	1
WS-21	3	51	46	.4	24	2	2
WS-22	1	44	49	.2	10	2	4
WS-23	1	31	39	.3	47	2	2
WS-24	1	36	36	.1	16	2	5
WS-25	1	42	62	.4	17	2	1
WS-26	1	59	38	.2	9	2	2
WS-27	1	100	43	.3	33	2	6
WS-28	1	37	33	.3	15	2	5
WS-29	1	45	42	.2	16	2	110
WS-30	1	204	224	.5	839	3	13
WS-31	2	132	171	.5	130	3	4
WS-32	1	73	100	.4	118	2	6
WS-33	1	21	38	.4	217	2	1
WS-34	1	38	68	.2	42	2	2
WS-35	1	21	91	.7	238	2	16
WS-36	1	14	80	.4	370	4	8
RS-1 SOIL	3	639	111	3.0	1856	41	32
STD A-1/FA-AU	1	30	182	.3	9	2	53

1E ANALYTICAL LABORATORIES LTD.
 2 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE 53-3158 DATA LINE 251-1011

DATE RECEIVED: MAY 10 1984

DATE REPORT MAILED:

May 15/84

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: P1-2 SOIL P3-SILT P4-ROCK AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER

AMERLIN EXPLORATION PROJECT # WOLF FILE # 84-0735A PAGE 1

SAMPLE#	MO PPM	CU PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU** PPB
1650N 1900W	1	31	57	.4	8	2	2
1620N 1900W	1	22	39	.2	3	2	3
1590N 1900W	1	14	48	.1	18	2	1
1560N 1900W	1	22	48	.1	16	2	1
1545N 1900W	1	31	82	.1	21	2	1
1530N 1900W	1	61	79	.1	26	2	5
1515N 1900W	1	20	65	.1	23	2	4
1500N 1900W	1	4	28	.1	16	2	1
1485N 1900W	1	2	18	.1	9	2	1
1470N 1900W	1	24	73	.1	16	2	3
1455N 1900W	2	43	81	.5	22	2	2
1440N 1900W	1	14	42	.1	5	2	2
1410N 1900W	1	4	13	.1	2	2	1
1380N 1900W	1	8	32	.1	2	2	1
1350N 1900W	1	20	70	.2	3	2	2
1650N 1200W	1	4	21	.1	9	2	1
1620N 1200W	1	14	26	.1	47	2	2
1590N 1200W	1	14	27	.1	88	2	1
1560N 1200W	1	15	29	.1	53	2	2
1530N 1200W	1	10	18	.1	21	2	3
1500N 1200W	1	31	64	.2	20	2	1
1470N 1200W	1	17	47	.1	63	2	1
1440N 1200W	1	35	57	.4	59	2	1
1410N 1200W	1	18	56	.3	2	2	2
1380N 1200W	1	10	40	.2	12	2	1
1350N 1200W	1	31	92	.1	20	2	1
1650N 1000W	1	21	51	.1	16	2	2
1620N 1000W	1	11	43	.2	32	2	2
1590N 1000W	1	17	30	.5	269	2	1
1560N 1000W	1	21	113	.8	700	2	3
1545N 1000W	1	34	152	1.0	3941	2	48
1530N 1000W	1	150	160	5.7	4023	15	220
1515N 1000W	1	35	55	.5	544	2	15
1500N 1000W	1	16	41	.3	411	2	1
1485N 1000W	1	22	102	.6	458	2	2
1470N 1000W	1	34	211	.1	1229	2	28
1455N 1000W	1	11	88	.1	689	2	15
STD A-1/FA-AU	1	27	169	.3	9	2	54

SAMPLE#	MO PPM	CU PPM	ZN PPM	AG PPM	AS PPM	SB PPM	AU** PPB
1425N 1000W	1	13	38	.1	33	2	1
1410N 1000W	1	21	38	.1	27	2	2
1380N 1000W	1	16	50	.1	36	2	1
1350N 1000W	1	3	20	.1	5	2	2
STD A-1/FA-AU	1	30	187	.3	9	2	52

APPENDIX B
STATEMENT OF EXPENSE

STATEMENT OF EXPENDITURES

Personnel

C. Verley - 22 days at \$300	\$6,600.00	
H. Keyser - 4 days at \$250	1,000.00	
		\$ 7,600.00

Assay and Analytical Costs

944.30

Field Costs

Food	\$ 324.20	
Fuel	215.74	
Lodging	341.83	
Transportation - B.C. Ferries	146.88	
- Vehicle Rental	1,180.00	
		2,258.65

Report Preparation

Drafting	\$ 137.89	
Photocopying	126.80	
Word Processing	240.57	
		505.26

Total

\$11,308.21

The above costs were incurred in carrying out the work program described in the attached report.

Carl G. Verley

Carl G. Verley, F.G.A.C.

APPENDIX C
WRITERS' CERTIFICATES

AMERLIN EXPLORATION SERVICES LTD.

1614 - 675 West Hastings Street, Vancouver, B.C., Canada V6B 4W3

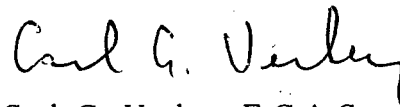
Phone (604) 669-2618

WRITER'S CERTIFICATE

I, Carl G. Verley of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 301 - 1867 West 3rd Avenue, Vancouver, B.C. and principal of Amerlin Exploration Services Ltd. 1614 -675 West Hastings Street, Vancouver, B.C. V6B 4W3.
2. I am a graduate of the University of British Columbia, B.Sc., in 1974, and have practised my profession since that time.
3. I am a Fellow of the Geological Association of Canada.
4. I am a co-author of this report which is based on work conducted by me on the Lupus 1, 3, 5 and 6 mineral claims of Proquest Resource Corporation during the period January 7 to November 10, 1984.

Amerlin Exploration Services Ltd.



Carl G. Verley, F.G.A.C.

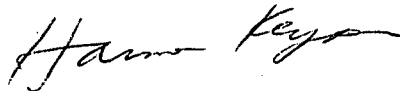
February 4, 1985.
Vancouver, B.C.

CERTIFICATE OF QUALIFICATIONS

I, HARMEN J. KEYSER, hereby certify that:

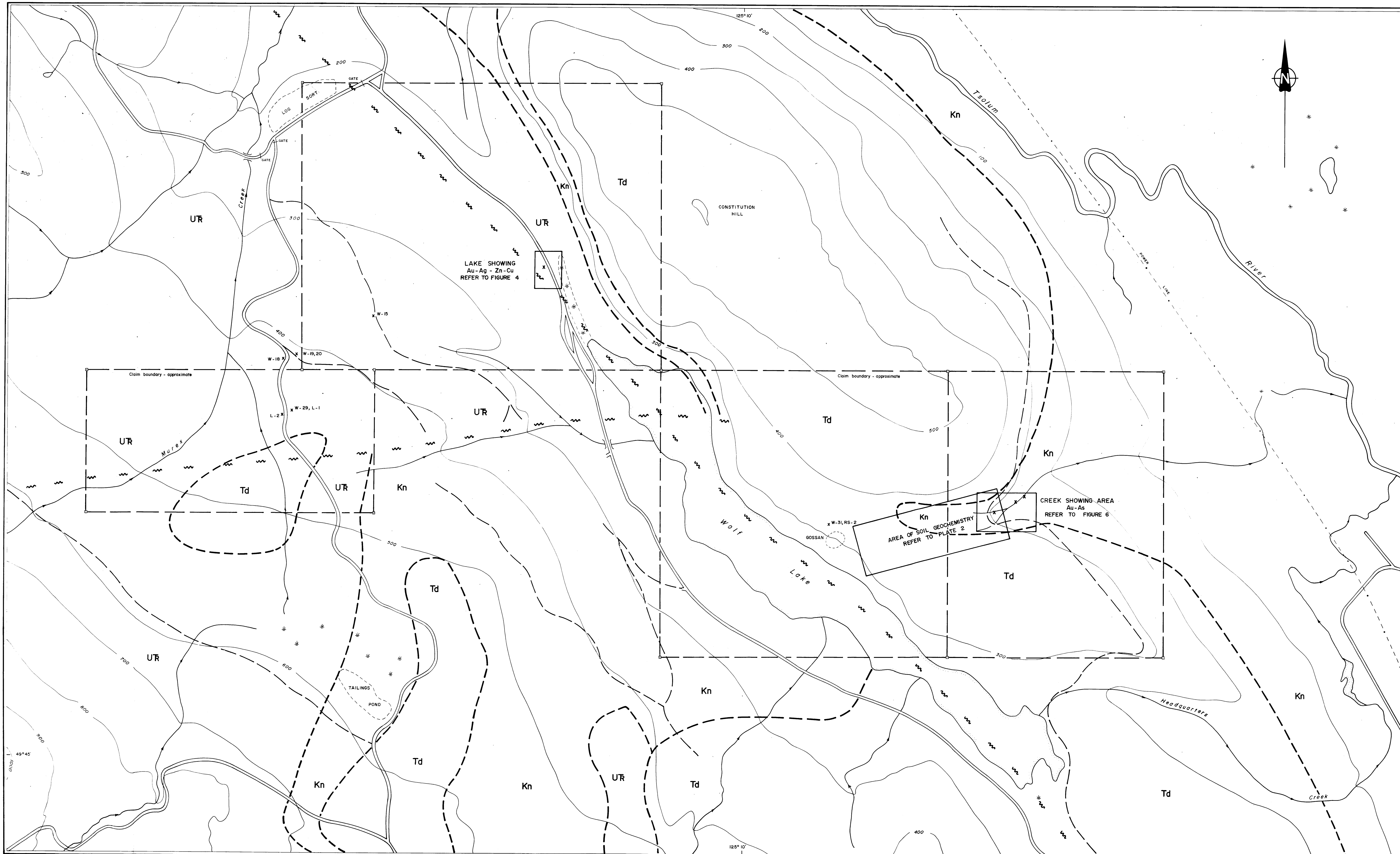
1. I am a geologist with Aurum Geological Consultants Inc.,
2775 E. 41st Ave., Vancouver, B.C.
2. I am a graduate of Saint Mary's University with a degree
in geology (B.Sc., 1981).
3. I am an associate member of the Geological Association
of Canada.
4. I am a co-author of this report which is based on work conducted
by me on the Lupus 1,3,5 and 6 mineral claims of Proquest
Resource Corporation during the period March 14 to May 9, 1984.

Aurum Geological Consultants Inc.



Harmen J. Keyser, B.Sc.

February 4, 1985.
Vancouver, B.C.



LEGEND

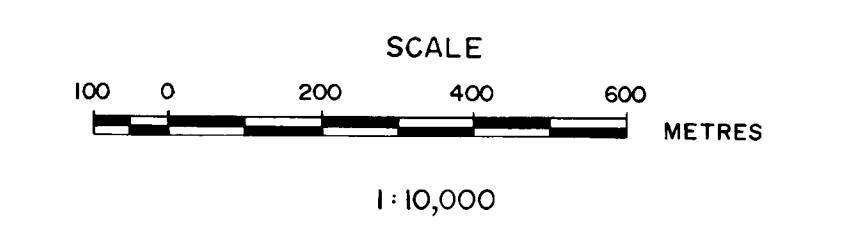
- Oligocene: Mt. Washington Intrusives.
- Td Dacite porphyry
- Upper Cretaceous: Nanaimo Group.
- Kn Sandstone and shale
- Upper Triassic: Karmutsen Group.
- UR Basic volcanics
- X Gold-bearing mineralization
- x W-30 Rock sample location, refer to Appendix A.
- - - Lithologic contacts
- ~ ~ ~ Faults
- == Main logging road
- - - Secondary logging road

Geology from D. J. Carson: G.S.C. Paper 72-44
 Topography adopted from Dept. of Energy, Mines and Resources 1:50,000 scale maps, 92F/11, 14.
 Contour interval: 100 metres.
 Magnetic declination (1984): 24°30'E.

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**
13,426

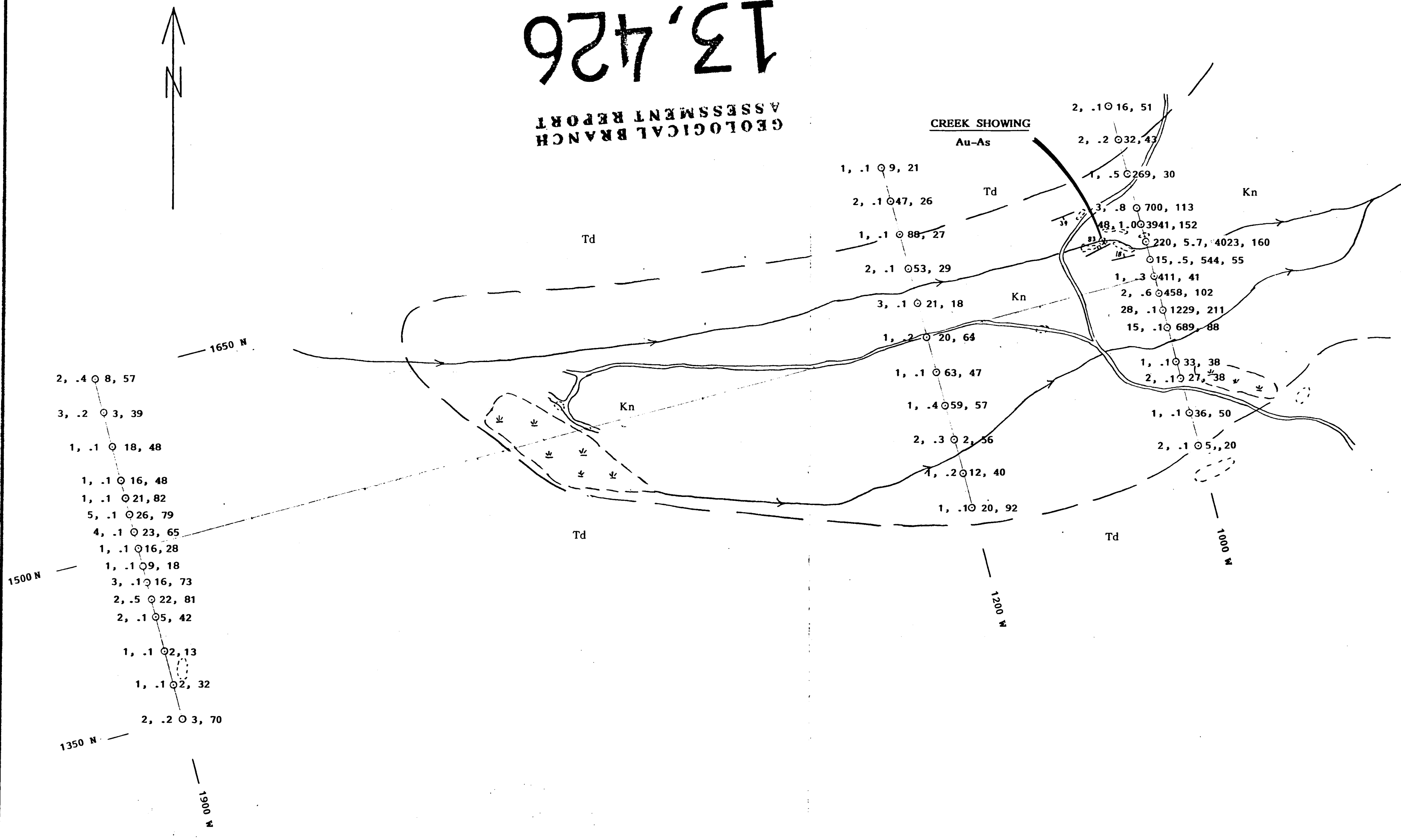
PROQUEST RESOURCE CORPORATION
 LUPUS CLAIMS
 GEOLOGY

WOLF LAKE AREA, NTS 92F/14E
 NANAIMO MINING DIVISION, B.C.



13,426

GEOLOGICAL BRANCH
ASSESSMENT REPORT



LEGEND

- Oligocene: Mt. Washington Intrusives.
- Td Dacite porphyry
- Upper Cretaceous: Nanaimo Group.
- Kn Sandstone and shale
 - Outcrop distribution
 - Attitude of veins
 - Attitude of bedding
 - x Mineralization
 - * Swamp
 - Logging road
 - Lithologic contact, inferred.
- 3, 0.4 @ 130, 67 Soil sample location with values.
Values from left to right: Au(ppb), Ag(ppm),
As(ppm), Zn(ppm).

GEOLOGY AND GEOCHEMISTRY

CREEK SHOWING AREA

Lupus 6 claim

Scale 1:2,500

