

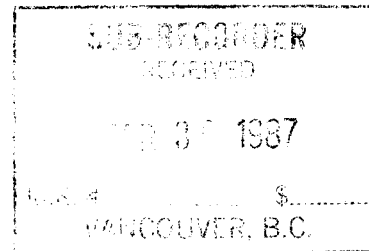
87-224-16026

3/87

REPORT
on the
1987 DRILLING PROGRAM
KALUM LAKE CLAIMS
for

Owner/Operator: TERRACAMP DEVELOPMENTS LTD.

Skeena M.O. 103I/10W, 103I/15W
54°45' 128°48.4'



George Cavey
Jim Chapman
March 3, 1987

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,026

OREQUEST



SUMMARY

A 395 metre, 3 hole drilling program was undertaken on the Kalum Lake claims for Terracamp Developments Ltd. during early February, 1987. The drilling was carried out by D.W. Coates Enterprises of Vancouver under supervision of OreQuest Consultants Ltd.

The objective of the program was to test exposed gold bearing quartz vein - shear systems and to locate additional mineralized zones.

Continuity of the vein systems and mineralization was established to a depth of 120 metres and 65 metres for the #1 and #2 veins respectively. Strike extensions of 150 m on the #1 vein and 60 m on the #2 vein were also proven.

Visible gold was encountered in the #2 vein in holes DDH-TR-87-1 and 2, and is present at surface in the #1 vein.

Assay values of up to 7.3 oz/ton gold and 13.9 oz/ton silver have been recorded for surface samples and 1.86 oz/ton gold and 4.9 oz/ton silver in drill intersections.

Further diamond drilling is recommended to test the vertical and lateral extensions of these systems. In addition, mapping, sampling and trenching of the similar south showing should be undertaken to be followed by diamond drilling. The Phase I and II program costs are estimated at \$340,000.

TABLE of CONTENTS

Summary	
Introduction	1
Location and Access	1
Physiography	2
Property Status	3
History and Previous Work	3
Geology	5
Alteration	5
Mineralization	7
Drilling	8
Introduction	8
Discussion DDH-TR-87-1	9
DDH-TR-87-2	10
DDH-TR-87-3	11
Conclusions and Recommendations	12
Statement of Qualifications	
Statement of Expenditures	
George Cavey, Consulting Geologist	
Jim Chapman, Consulting Geologist	
Bibliography	

LIST of FIGURES

Figure 1	Location Map	Following Page 1
Figure 2	Claim Map	Following Page 3
Figure 3	Regional Geology	Following Page 5
Figure 4	Drill Hole Location Map	Following Page 8
Figure 5, 6	Drill Sections	In Pocket

LIST of APPENDICES

Appendix A	Drill Logs
Appendix B	Assay Reports

INTRODUCTION

A drilling program was undertaken in early February, 1987, to test a system of gold bearing quartz sulfide veins. These veins trend north north-east and dip steeply eastward, becoming subvertical at depth.

Two of these veins, the #1 and #2, are exposed in surface trenches or shafts, and vary in width from 20 cm to 60 cm. Sub-surface widths encountered in the drilling also fall within this range.

Mineralization consists of pyrite, chalcopyrite, tetrahedrite and galena, with some visible gold, in a quartz, calcite gangue. Additional veins with similar mineralogy were intersected throughout the drilling.

Results of the drilling indicate good continuity of the #1 and #2 vein systems, both at depth and along strike, within the granodiorite.

LOCATION AND ACCESS

The Kalum mineral claim group is 32 kilometers north of the city of Terrace located in west-central B.C. The claim block is situated on the west shore and partly straddles Kitsumkalum Lake, and is centered at 54°45' North Latitude and 128°45' West Longitude on NTS map sheet 103I/10, 15W (Figure 1).

Easy access is provided to the claims by an all weather gravel road which leaves the Yellowhead #16 Highway approximately 5 kilometers west of Terrace and passes through the middle of the claim group.



FIGURE 1

PROPERTY LOCATION MAP
TERRACAMP DEVP. LTD.

KALUM LAKE CLAIMS

SKEENA MINING DIV., N.T.S. 1031/10, 15W, B.C.

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The majority of the claim group is accessible by several old, 4 wheel drive logging roads which branch off the main access road.

Supporting infrastructure is well established with the main power transmission line which supplies power to the Nass Valley passing through the claim group, while the CNR Prince Rupert rail line which roughly follows the Yellowhead #16 Highway across B.C. is located 32 kilometers south of the property.

Pacific Western and Canadian Pacific Airlines have daily scheduled flights from Vancouver to Terrace daily.

PHYSIOGRAPHY

The property is located at the divide of the Pacific Ranges of the Coast Mountains and the Hazelton Mountains of the Intermontane Physiographic Belt.

The Kitsumkalum Valley is typical of a wide glaciated valley with flat, gently rolling valley bottoms and steep, rugged mountain flanks. Elevations on the property vary from 150 - 475 metres ASL.

The area is timbered with mostly immature cedar, hemlock, fir and spruce with choking intergrowths of alder and willow.

The majority of the claims lie on the west shore of Kitsumkalum Lake which would provide enough water for any further exploration and development. The

Nelson River, which crosscuts through the Burn 2 and 3 claims, would also provide adequate water for any drilling in that area. It should be noted at this point that the majority of the Trench claims are overlain by Kitsumkalum Lake.

Thick glacial debris consisting of clay, sand and till blanket at least 60% of the claim area.

PROPERTY STATUS

The Kalum group of claims consist of 5 claim blocks totalling 87 units. All claims are owned by Terracamp Development Ltd. through an option agreement with the Kalum Lake Mining Group.

The following table summarizes pertinent data for the claim block:

Claim Name	Units	Record #	Anniversary Date
Bav 1-4	4	37397-37400	July 21, 1994
Bav 5-9	5	4223-4227	November 28, 1994
Trench 1	20	4398	April 13, 1988
Burn 1	20	4399	April 13, 1987
Burn 2	20	4425	April 27, 1987
Burn 3	18	4445	May 11, 1987

HISTORY and PREVIOUS WORK

Earliest recorded activity on the Kalum property is 1919 when C.A. Smith of Terrace staked the original Lakeside claims, with the Portland and West Portland claims to follow in 1922. Between 1923 and 1925 the newly formed Kalum Mines Ltd. conducted considerable work on the property which consisted of shaft

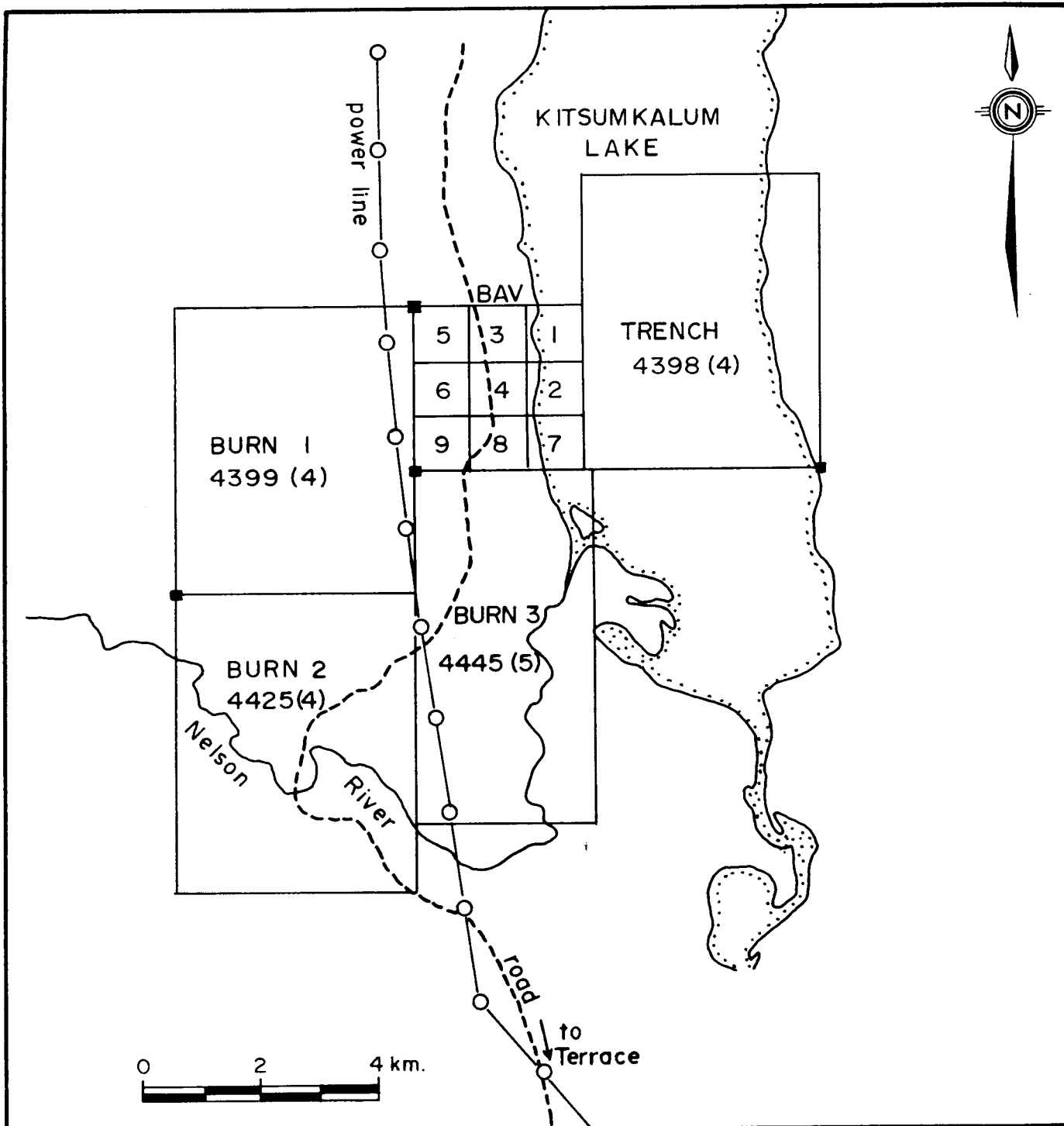


FIGURE 2

CLAIM MAP

TERRACAMP DEVP. LTD.

KALUM LAKE CLAIMS

SKEENA MINING DIV., N.T.S. 1031 10,15W, B.C.

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sinking and drift development along the main vein discovered in 1919. Two shafts were sunk with the east shaft reaching 9.1 metres depth and the main or west shaft developed to 18.2 metres with 64 metres of drifting westerly along the vein. A selected grab sample collected in 1930 assayed 0.62 oz/t gold and 2.2 oz/t silver.

Approximately 90 metres southeast of the main vein, Kalum Mines Ltd. put in a 26 m adit along a second vein. Assay values from this vein in 1937 contained only minor amounts of gold and silver.

In 1972, the original claims were restaked as the Bav 1-4 by J. Apolzer of Terrace, B.C. One drill hole totalling 114 m was drilled in an attempt to intersect the main vein. Drill records indicate that the main vein was not located but granodiorite with areas of quartz veining and weak alteration were intersected. Gold and silver values range from 0.002 - 0.011 oz/ton and 0.08 - 0.02 oz/ton respectively. From studying the drill hole plan, it appears that this hole was drilled almost parallel to the strike of the main vein.

In November of 1983, Kalum Lake Mining Group was formed at which time they trenched and sampled along the Main and #2 veins. Values up to 7.32 oz/t gold and 6.58 oz/t silver were received in a few grab samples collected from the #2 vein.

Just to the west of the Kalum Lake Mining claims, Campbell Resources Ltd. has conducted a drilling program on the Misty claims. Staked as a result of the release of the 1979 Silt Geochemical Survey by the Government, Campbell

Resources Ltd. has outlined areas of high gold values using soil geochemistry. Published data indicate this to be a similar system to that encountered on the Kalum Lake claims.

A soil survey carried out over the southwestern portion of the claim block in 1984 revealed good gold values around a granodiorite knob in that area.

GEOLOGY

Bedrock exposure along the valley bottom is sparse and largely confined to the shore of Kitsumkalum Lake, streams, gulleys and old trenches.

A thick layer (upto 60 metres) of glacial sand and gravel masks at least 60% of the claim area.

Towards the west edge of the Burn 1 and 2 claims outcrop exposure becomes more noticeable.

The oldest rocks underlying the claim area are Upper Jurassic-Lower Cretaceous dominantly greywackes, conglomerates and argillites belonging to the sedimentary package of the Bowser Group. General strike in the claim area is east-west with dips 75° northerly. Intrusive to this sedimentary package are stocks of the Coast Intrusions which consist of granodiorite, diorite, quartz diorite and quartz monzonite of Upper Cretaceous or later age (Figure 3).

Alteration

Alteration in the granodiorite is directly related to the density of

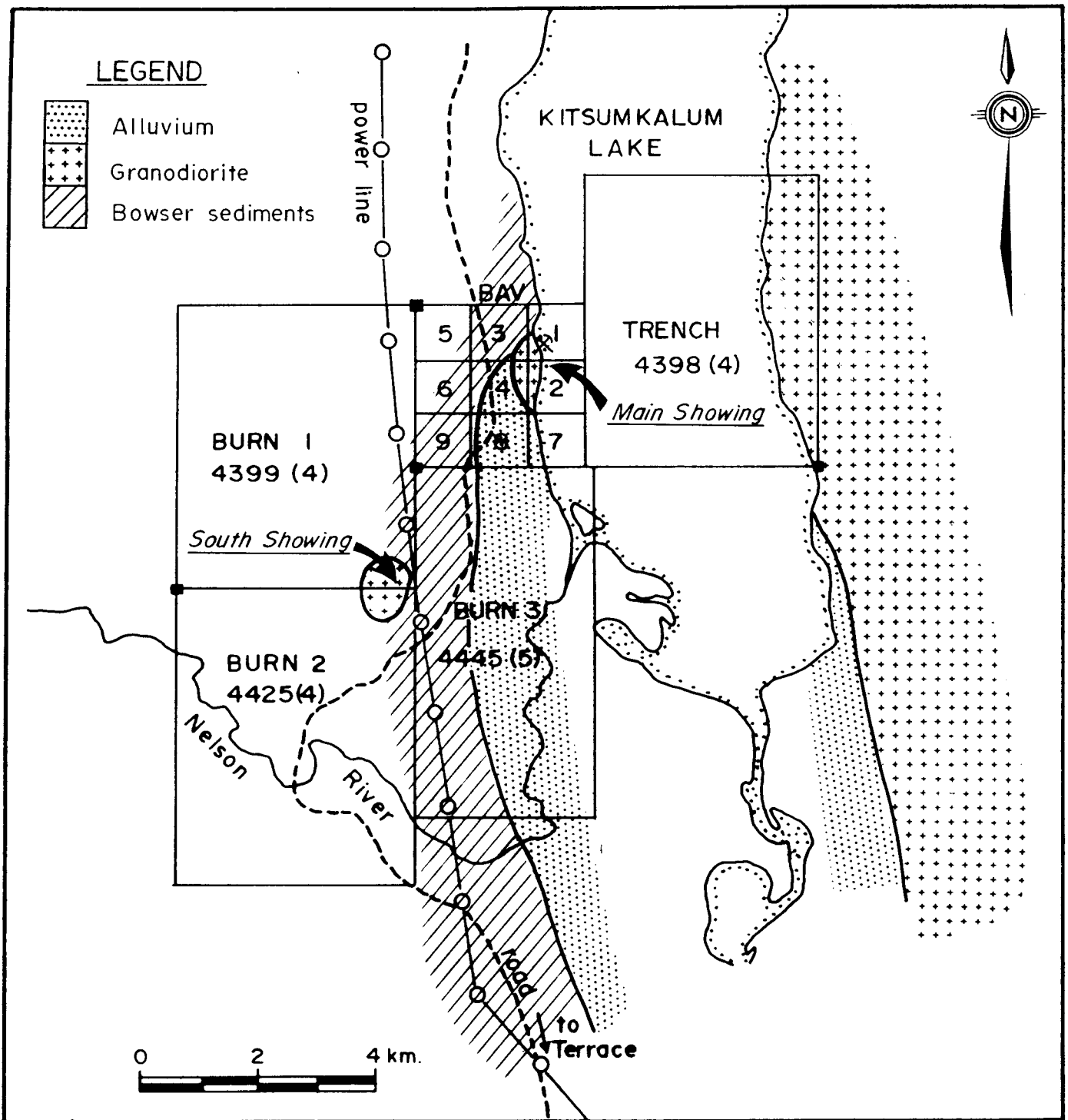


FIGURE 3

REGIONAL GEOLOGY
 TERRACAMP DEVP. LTD.
 KALUM LAKE CLAIMS

SKEENA MINING DIV., N.T.S. 1031 10,15W, B.C.

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veining and shearing. The predominant type is propylitic with lesser silicification and epidotic and hematitic alteration.

In areas of sparse veining or fracturing propylitic haloes extend from 1 cm to 5 cm in the otherwise fresh granodiorite. As veining increases these haloes merge and the rock takes on an overall pale gray green colour. With increasing intensity of alteration the individual crystal boundaries become vague and blurred resulting in a more homogeneous appearance.

Epidote and hematitic alteration tend to occur as pairs with the epidote overprinting on the earlier hematite haloes. Proportionally the hematitic zone is usually 3 to 4 times the width, up to 10 cm of the epidotic zone. This style of alteration is only apparent in the unaltered granodiorite sections.

Silicification of the wallrock was limited in extent, extending less than 30 cm out from faults or shear zones.

Gray white argillic alteration is prominent over short intervals, less than 40 cm, usually surrounding fault zones. Abundant gouge is normally associated with these intervals containing variable amounts of fragments. Feldspars within these zones are a dull white colour generally in an earthy gray white matrix.

Mineralization is predominantly associated with the stronger propylitic alteration although minor pyrite is associated with many of the argillic sections.

Mineralization

Mineralization at the Kalum property is of the epigenetic vein type typically consisting of a quartz gangue with pyrite, chalcopyrite, tetrahedrite and galena and associated values in gold and silver. Lode vein deposits are common throughout the Terrace area with most consisting of narrow quartz veins occupying faults, fractures, shear zones or margins of dikes.

There are two good examples of this vein style mineralization exposed on the Kalum property in a small granodiorite stock near waters edge.

The #1 vein, which was the locus for work in 1922 - 23, is about 30 centimetres true width as exposed in the two shafts. Mineralization consists of pyrite, chalcopyrite, tetrahedrite, galena and visible gold in a quartz gangue. Selected samples collected from the dump between 1978 - 1984 have assay values ranging from trace to 5.62 oz/ton gold and 0.01 - 13.92 oz/t silver. Both shafts are caved and flooded.

The #2 vein, which is believed to be the vein followed by the adit in 1923, has been trenched for approximately 30 metres along strike to the west of the lake shore. This vein, similar to the #1 vein in mineralogy, varies between 15 and 60 centimetres, true width. In reports by the B.C. Ministry of Mines, there is mention of another vein approximately 10 centimetres wide which parallels the north wall and comes to within 5 centimetres of the #2 vein. This vein was intersected by DDH-TR-87-1.

Selected assay samples taken from the adit in 1937 indicate only minor

amounts of gold and silver. Surface trench samples taken from the same vein in 1983 - 1984 have yielded values upto 7.328 oz/t gold and 6.58 oz/t silver.

The veins are subparallel striking 012° with the #1 vein dipping approximately 45° southeast and the #2 vein dipping approximately 65° southeast at surface. At depth both steepen to subvertical.

Due to the limited exposure in the area of the old workings, because of glacial debris, it could not be adequately tested for additional vein systems by surface methods.

A second area of interest occupies a small granodiorite knob approximately 2.25 kilometers southwest of the main showing. The granodiorite at this location is similar to the main showing but shows a greater degree of alteration caused by a higher density of quartz veining and shearing. Pyrite and chalcopyrite have been observed and selected grab samples from reconnaissance trenching yielded values upto 0.49 oz/t gold and 7.06 oz/t silver.

DRILLING

Introduction

Three holes totalling 393 metres were drilled on the Bav 1 claim of Terracamp Development Ltd. between Feb. 4 and Feb. 9, 1987.

Holes DDH-TR-87-1 and 2 were collared at the same site bearing 280° and dipping -50° and -80° respectively. The third hole, DDH-TR-87-3 was collared 60 m

ARGILLITES

No.1 vein

abandoned shaft

55°

cabin

trace of 18m level drift

Kitsumkalum Lake

GRANODIORITE STOCK

No.2 vein

THICK OVERBURDEN >20m.

drill roads

65°

DDH-TR-87-1,2

approx. surface trace of granodiorite

70° argillites

DDH-TR-87-3

LEGEND

⊙ Drill hole

↔ Trench

--- Geological contact



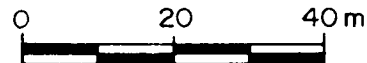
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16,026

FIGURE 4

**DRILL HOLE LOCATION MAP
TERRACAMP DEVP. LTD.
KALUM LAKE CLAIMS**

SKEENA MINING DIVISION, N.T.S. 1031/10,15W B.C.



OREQUEST



southeast, bearing 280° and dipping -45° (Figure 4). Depths of the holes were 114.6 m, 87.2 m and 190.8 m respectively.

The main lithology intersected in the drilling was the granodiorite stock. In its least altered state this was a dark green, generally equigranular, medium to coarse grained massive rock. With increasing intensity of alteration it became a pale gray green to gray white, vitreous to earthy appearing rock with blurred to indistinguishable crystal boundaries. At the base of TR-87-3, 3 narrow very fine grained soft dark brown ultramafic dykes cut the intrusive. Some aplitic dykes were noted on surface, however, alteration effects have made their identification uncertain.

To ensure good recovery of vein material NQ size (4.75 cm) core was drilled. *The core is stored at the drill site.*

DDH-TR-87-1

The upper 3 m of the core was heavily oxidized and showed abundant limonite in several 2 cm - 8 cm veins and shear zones. Veining and fracturing ranges from less than one per 10 cm to a stockwork density. These are predominantly less than 1 cm wide but, excepting the #1 and #2 veins, range upto 15 cm.

Three styles of veining are present and occur throughout the core. Generally high angle, 0.5 cm to 4 cm, milky white barren quartz veins and hairline fractures are the most abundant. Alteration effects (haloes) are most prominent about these fractures, which exhibit random attitudes. The third variety are generally low angle 0.5 - 5 cm, clear to white quartz veins commonly

showing diffuse contact zones.

With the exception of the #1 and #2 veins, most of the mineralization, ie. pyrite, chalcopyrite and tetrahedrite, is contained within low angle veins.

The #2 vein was intersected at 17.7 m which indicated that it had maintained its surface attitude to this depth. At this location it comprises an upper 0.4 m vein and a lower 0.3 m vein with 0.3 m of highly altered granodiorite between. Mineralization is consistent with that observed on surface with the addition of 5 grains of visible gold in the upper vein. This upper vein assayed 1.866 oz/ton Au and 4.9 oz/ton Ag.

A zone of increased veining with associated pyrite, tetrahedrite and chalcopyrite from 101.7 m to 111.2 m was assumed to represent the #1 vein at its projected depth. Measurements of the attitude on the #2 vein in holes TR-87-2 and 3 show that below the 20 m level the vein has steepened to subvertical (Figures 5, 6). Also the intersection of the #1 vein in TR-87-3 shows that it too becomes subvertical at depth. This means that hole TR-87-1 probably stopped short of the required depth to intersect the #1 vein.

DDH-TR-87-2

This hole was drilled from the same site as TR-87-1. The aim was to intersect veins #2 and #1 at depth. As mentioned above, the intersection with the #2 vein occurred between 44.8 m and 45.7 m almost vertically beneath its location in TR-87-1. At this depth it has a true thickness of 40 cm. Only one main vein occurs at this level, however smaller 0.5 cm to 3 cm quartz sulfide

veinlets continue to 47.5 m. Tetrahedrite is more abundant than chalcopyrite at this location as opposed to the intersection in TR-87-1. Visible gold was present as two 1.0 mm grains in the upper portion of the vein.

The interval from 44.4 m to 50.5 m enveloping the #2 vein averaged 0.091 oz/ton Au.

From 47.5 m to 71.5 m the hole consisted of variably altered granodiorite with regular veining and shearing, locally sulfide bearing. Below 71.5 m the rock was predominantly unaltered dark gray green granodiorite with the exception of a 2 m zone at 81.6 to 83.6. A 4 cm quartz vein containing 3 cm of massive pyrite, assaying 0.02 oz/ton Au, occupies the center of this highly altered and abundantly veined interval.

The hole was terminated at 87.2 m in relatively unaltered granodiorite. It was assumed that the #1 vein was also subvertical in attitude therefore an intersection would not be possible at a reasonable depth.

DDH-TR-87-3

The location of this hole represented a step out along strike and at depth for both vein systems. With regard to the #2 vein, the intersection occurred 50m west of the westernmost surface exposure and 75 m below the discovery pit. The #1 vein was intersected 150 m west of the shaft at a depth of 130 m

(Figure 6). The angle of intersection indicates, as mentioned above, that both vein systems are near vertical.

The section cut in this hole is very similar to that described in TR-87-1 and 2 and so will not be dealt with here. For full details see Appendix A.

The #2 vein shows a true width of 30 cm at 64.4 m containing pyrite, tetrahedrite, chalcopyrite with traces of galena. Assay values were 0.028 oz/ton Au and 6.8 ppm Ag. This occurs within an interval from 59.4 m to 70.0 m which is heavily veined and sheared carrying trace to several percent sulfides. As in TR-87-2, this interval contained anomalous gold values.

An intensely altered and sheared zone from 178.6 m to 183.2 m hosts the #1 vein. At this location it consists of two 20 cm quartz sulfide veins, 179.2 m and 181.2 m, separated by 2 m of altered and brecciated granodiorite.

Strong alteration with minor pyrite and tetrahedrite, in veins and shears, continues to the end of the hole at 190.8 m.

CONCLUSIONS and RECOMMENDATIONS

The drilling completed during this program was successful in confirming the presence of high grade vein style mineralization.

The high grade veins which were the target of the current drilling program represent a portion of a strongly altered and variably mineralized intrusive. The mineralization is associated with quartz veins within the strongly propylitic sections of the granodiorite and are commonly located along narrow

faults or shear zones. Highest gold and silver values are associated with intervals of increased tetrahedrite and chalcopyrite content.

Assay values of up to 1.86 oz/ton gold and 4.9 oz/ton silver were returned from drill intersections and these are compatible with high grade surface samples of up to 7.3 oz/ton gold and 13.9 oz/ton silver. Anomalous gold values were also recorded for up to 5 m on either side of the #2 vein.

The limited amount of drilling that has been conducted indicates a strong continuity of width and attitude for the vein systems within the intrusive.

A second intrusive body 2.2 km south-west of the area of drilling is very similar but with more intense alteration and more extensive veining. Surface samples of oxidized material from this area have assayed up to 0.49 oz/ton gold and 7.0 oz/ton silver. The similarities suggest the possibility of a second zone of high grade mineralization, as in the current area of drilling, and an indication of the possible strike length of these systems.

It is recommended that further work in the form of additional drilling on the #1 and #2 veins be carried out to test the vein systems both vertically and along the strike. The object of this work is to test for increased width of the high grade mineralization. Nine 100 m holes will be required to test this area and complete Phase I of the program.

Sampling of future drill sections of vein material should be of the complete core to account for the nugget effect of gold distribution.

For Phase II on the south showing, it is recommended that preliminary mapping, sampling and trenching be undertaken to determine the prevalent attitudes of the mineralized structures. Follow up drilling would be carried out based on results of this work.

Costs for the Phase I program are estimated at \$125,000 with an additional \$215,000 for Phase II if warranted.

PHASE I

Mobilization and Demobilization	\$ 4,000
Road and Drill Site Preparation	2,000
Camp Construction and Supplies	2,000
Wages, Geological & Geochemical	12,000
Food and Vehicles	2,500
Diamond Drilling - 900 m @ \$95/m	85,500
Assays - 200 assays @ \$20/assay	4,000
Supervision	1,000
Drafting and Report	1,000
Contingencies @ 10%	<u>11,000</u>
TOTAL OF PHASE I	<u>\$125,000</u>

PHASE II

Road & Drillsite Preparation	\$ 6,000
Camp Construction & Supplies	5,000
Wages, Geological & Geochemical	38,000
Food and Vehicles	12,500
Trenching - 15 days @ \$600/day	9,000
Diamond Drilling - 1100 m @ \$95/m	104,500
Assays - 500 @ \$20/assay	10,000
Supervision	4,000
Drafting and Report	7,000
Contingencies @ 10%	<u>19,000</u>
TOTAL OF PHASE II	<u>\$ 215,000</u>

CERTIFICATE of QUALIFICATIONS

I, George Cavey, of 6891 Wiltshire Street, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. The information contained in this report was obtained from knowledge of the area geology, detailed review of data and company reports listed in the References of the accompanying report.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Terracamp Developments Ltd.
8. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.


George Cavey
Consulting Geologist

DATED at Vancouver, British Columbia, this 3rd day of March, 1987.

CERTIFICATE of QUALIFICATIONS

I, Jim Chapman, of 580 West 17th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1976) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a member of the Canadian Institute of Mining and Metallurgy.
5. The information contained in this report was obtained from onsite supervision of the program during February, 1987, and a review of data listed in the bibliography.
6. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Terracamp Developments Ltd. or any of its subsidiaries.
7. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.



Jim Chapman
Consulting Geologist

DATED at Vancouver, British Columbia, this 3rd day of March, 1987.

Statement of Expenditures

FILENAME:terra2
COST ANALYSIS

TERRACAMP DEVELOPMENTS INC

INVOICE

C.E.E. COSTS TO FEBRUARY 28, 1987.

Professional Fees	#	rate	
Feb RP DAYS CHAPMAN	0.50	300.00	150.00
Feb DL DAYS CHAPMAN	8.00	300.00	2,400.00
Feb TL DAYS CHAPMAN	1.00	300.00	300.00
Feb DFT HRS YOUNG	3.00	25.00	75.00
Feb RE DAYS CHAPMAN	3.50	300.00	1,050.00
Feb RP DAYS CHAPMAN	3.50	300.00	1,050.00
TOTAL PRO FEE			5,025.00

DISBURSEMENTS	CK/INV	
J.H.W. CONSTRUCTION LT	22087	2,535.00
Total February Disbursements		2,535.00
Admin rate		0.15
Admin Fee		380.25

DRILLING	
D.W. COATES ENTERPRISE	34487
Drill Admin rate	0.10
Drill Admin Fee	3,632.88

TOTAL C.E.E. TO FEBRUARY 28, 1987. **47,901.91**

COSTS AFTER FEBRUARY 28, 1987.

Professional Fees	#	rate	
Mar RP DAYS CHAPMAN	4.50	300.00	1,350.00
Mar WP/DRIL LOG WILLIA	15.50	20.00	310.00
Mar DFT HRS YOUNG	4.50	25.00	112.50
SUPERVISION - G. CAVEY			400.00
TOTAL PRO FEE			2,172.50

DISBURSEMENTS	CK/INV	
GAZELLE COURIER	5355	11.50
BC TEL	121386	5.64
VANGEOCHEM LAB	736	70.00
B.C. TELEPHONE COMPANY	158799	21.36
VANCAL REPRODUCTIONS	13087	14.77
LONGYEAR CANADA INC.	20287	545.70
VANGEOCHEM LABS LTD.	701289	32.10

GAZELLE COURIER SERVIC	6637	13.75
CHAPMAN ROOM & BOARD	12 DAYS	2,504.78
VANGEOCHEM LABS	870153	667.00
VANGEOCHEM LABS	870147	2,060.50
BC TEL	21287	24.61
GAZELLE COURIER	31987	4.20
LOOMIS COURIER	31987	15.75
DOMINION REPRO	31987	6.49

Total Disbursements	5,998.15
Admin rate	0.15
Admin Fee	899.72

OTHER FEES # rate

Report reproduction and binding	11 copies @ 10	110.00
Assessment Fees		3,030.00

Total Other Fees	3,140.00
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TOTAL AFTER FEBRUARY 28, 1987.	12,210.37
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TOTAL COST BY OREQUEST	60,112.28
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AMOUNTS PAID BY TERRACAMP
AT OREQUEST REQUEST

Casual Labour	2,402.20
Physical Work	3,266.00

5,668.20

TOTAL EXPENDITURES ON PROPERTY	\$65,780.48
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G.S.C. PAPER

1956: 36-17-22

APPENDIX A

Drilling Company D.W. Coates Enterprises		Collar Elevation	Bearing from True North 280°	Dip of hole at Collar -50	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. BAV 1
Date Hole Started Feb. 3/87	Date Completed Feb. 5/87	Date Logged Feb. 5/87	Logged by J. Chapman	114.6 m.	-50	Location (Twp., Lot, Con. or Lat. and Long.) 56°45'N, 128°45'W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.		Date Submitted	Submitted (sign)			Property Name Kalum Lake	

Meterage From	To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
							From	To		Ag/ppm	Au/ppb
			1 cm argillic alteration haloes enveloping hairline high angle fractures; 36.7 - 37.5 m - quartz feldspar pyrite A and B type veins high angle								
39.3	44		as in 27.4 - 31.7 m - with short unaltered sections; A and C veins and fracturing with minor disseminated pyrite			51901	40.2	40.8	0.6	1	-
44	46.6		pale gray green to medium green; medium to coarse grained; biotite mostly sericitized; greenish colour due to feldspars. Weak to moderately argillic; locally weakly siliceous. A type veining approx. 1/10 cm. 3 cm brown fault gouge at 45.7 m; with 30 cm footwall vein breccia	45		51902	43.6	44.6	1	0.4	-
						51903	44.6	45.6	1	0.9	40
						51904	45.6	46.6	1	0.2	-
46.6	47.5		as in 44.0 - 46.6 m; some unaltered biotite; A type veining			51905	46.6	47.6	1	0.4	-
47.5	48.8		alteration increasing grain boundaries are indistinct; pyrite tetrahedrite; trace cinnabar? associated with B style veining			51906	47.6	48.6	1	0.1	10
						51907	48.6	49.6	1	0.3	10
48.8	53.2		as in 44.0 - 46.6 m; relatively unaltered at top - moderately argillic throughout; locally moderately siliceous; preferred (50°) orientation of fracture; mostly C type 30% oxidized from 52.1 m; quartz feldspar pyrite B type veins upto 2 cm with upto 4% disseminated pyrite within 10 cm of veins	10 - 20		51908	49.6	50.6	1	0.2	10
						51909	52	53	1	0.2	-
53.2	56.7		70% unaltered with up to 10 cm argillic haloes surrounding A and C type veins. Occasional B veins with pyrite. Talc in vein at 56.4 m Vein attitudes as above			51910	53	53.8	0.8	0.4	25
						51911	54.9	55.9	1	0.5	20
56.7	59.1		strongly argillic and sericitized; pale gray green; predom. A and C veining; locally oxidized; minor unaltered biotite	45 +		51912	55.9	57	1.1	0.4	-
						51913	57	58.1	1.1	0.4	-
59.1	59.7		massive feldspar quartz segregation; 10 cm of A style veins at top with pyrite and minor tetrahedrite? Tourmaline in veins; possibly trace cinnabar			51914	58.1	59.1	1	0.6	-
						51915	59.1	59.7	0.6	0.6	-
59.7	61.3		as in 56.7 - 59.1 m with 3 B type 3 cm wide veins + pyrite; bleached halo extends 2 cm. A and C veining less persistent	20		51916	59.7	60.7	1	0.6	-
						51917	60.7	61.9	1.2	0.3	-
61.3	68.2		pale gray green bleached fault zone at 67 m with white gouge 10 cm	50		51918	61.9	62.9	1	0.4	-

Drilling Company D.W. Coates Enterprises	Collar Elevation	Bearing from True North 280°	Dip of hole at Collar 114.6 m	Location of hole in relation to fixed point on claim. -50	Map Ref. No.	Claim No. BAV 1
Date Hole Started Feb. 3/87	Date Completed Feb. 5/87	Date Logged Feb. 5/87	Logged by J. Chapman		Location (Twp., Lat., Con. or Lat. and Long.) 54°45'N, 128°45'W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.	Date Submitted	Submitted (sign)			Property Name Kalum Lake	

Meterage From To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
						From	To		Ag/ppm	Au/ppb
		massive white quartz overlying, 15 cm strongly siliceous granod. with minor disseminated pyrite underlying			51919	66.5	67.7	1.2	0.7	-
68.2	81.6	predominantly unaltered biotite with 15% silvery white mica in pale gray green fine to medium grained moderately argillic and bleached rock. Abundant A and C fractures. 1 cm quartz, feldspar, pyrite tourmaline vein at 74.9 m (50), 3 cm 45° vein at 76.3 m, slickensides on vein face - horizontal. 10 cm barren vein at 77.6 m containing intensely altered wall rock fragments. Vuggy A type veins at 79.6 m less than 2 cm. 20 cm of intense epidote chlorite alteration at 81.1 m - abundant A and C veining			51920	67.7	68.9	1.2	0.7	-
					51921	69.8	70.8	1	0.6	-
					51922	71.9	73.2	1.3	0.6	-
					51923	73.2	74.2	1	0.4	-
81.6	82.3	mafic porphyritic feldspar segregation, feldspars upto 1 cm, matrix 80% chlorite, diffuse gradational boundaries with granodiorite			51924	74.2	74.9	0.7	0.5	-
					51925	76.1	77.1	1	0.7	-
					51926	77.1	78.1	1	0.6	-
					51927	78.1	79.8	1	0.6	-
82.3	94.4	as in 68.2 - 81.6 m - minor pyrite in B and C veining 86 - 86.5 m unaltered sections 83.8 - 84.1 m, 85.7 - 87.2 m, increased A veining 84.2 - 94.4 m			51928	79.8	80.6	0.8	0.3	-
					51929	80.6	81.6	1	0.6	-
					51930	84.3	85.8	1.5	0.4	-
					51931	85.9	86.8	0.9	0.4	-
					51932	87.3	88.5	1.2	0.2	-
94.4	96.6	dark gray green coarse grained, massive, minor veining, weak epidote and hematitic alteration associated with C style fractures (upto 4 cm wide), trace pyrite in low angle < 1 cm wide veins	10 - 30		51933	90	91.4	1.4	0.2	-
					51934	91.4	92.9	1.5	0.1	-
					51935	92.9	94.4	1.5	0.2	10
					51936	96.5	97.5	1	0.2	-
					51937	97.5	98.5	1	0.2	20
96.6	98.5	strongly altered pale gray green with abundant veining 3 cm quartz tourmaline vein at 97.4 m	45		51938	100.5	101.8	1.3	0.2	85
					51939	101.8	102.8	1	0.1	-
98.5	101.7	as in 94.4 - 96.6 m with increased hairline fracturing and attendant epidote and hematitic alteration			51940	102.8	103.8	1	0.1	-
					51941	103.8	104.8	1	0.2	-
					51942	104.8	105.8	1	0.2	15
101.7	111.2	pale gray green as in 96.6 - 98.5 m, hairline fractures approx. 2/cm barren 1 - 3 cm milky white A type veins, low angle < 0.5 cm clear to gray white quartz veins with pyrite and trace cp and tetraheorite - locally offset by A veins	10 - 30		51943	105.8	106.7	0.9	0.1	-
					51944	106.7	107.7	1	0.3	-
					51945	107.7	108.7	1	0.5	-
					51946	108.7	109.6	0.9	0.1	-
					51947	109.6	110.6	1	-	-
111.2	114.6	alteration decreasing due to less frequent veining with short < 20 cm unaltered sections			51948	110.6	111.6	1	-	-
					51949	111.6	112.6	1	0.2	-
					51950	112.6	113.6	1	0.3	-

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Fill in Hole No. Page No.
every page ----> TR-1 5

Drilling Company D.W. Coates Enterprises		Collar Elevation	Bearing from True North 280°	Dip of hole at Collar -50	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. BAV 1
Date Hole Started Feb. 3/87	Date Completed Feb. 5/87	Date Logged Feb. 5/87	Logged by J. Chapman	114.6 m. -50	Location (Twp., Lot, Con. or Lat. and Long.) 54° 45' N, 12B° 45' W		
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.		Date Submitted	Submitted (sign) m.	Property Name Kalum Lake			

Meterage From To		Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.) From To		Sample Length (m.)	Assays Ag/ppm Au/ppb	
			end of hole	-50		51951	113.6	114.6	1	0.4	-

Drilling Company D.W. Coates Enterprises Ltd.	Collar Elevation	Bearing from True North	Dip of hole at Collar 280°	Location of hole in relation to fixed point on claim. -80	Map Ref. No.	Claim No. Bav 1
Date Hole Started Feb. 5/87	Date Completed Feb. 6/87	Date Logged Feb. 6/87	Logged by J. Chapman		Location (Twp., Lot, Con. or Lat. and Long.) 54° 45' N, 128° 45' W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.	Date Submitted	Submitted (sign)			Property Name Kalum Lake	

Meterage From To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
						From	To		Ag/ppm	Au/ppb
0	3.6	Overburden			51952	4.3	5.3	1	0.4	-
3.6	21.8	granodiorite			51953	5.3	6.3	1	0.8	-
		predominantly bleached and altered pale gray green with much veining; low angle 35°- 45° veins at 4.9 m (3 cm), 7.0 m (1 cm) 7.3 m (3 cm with shear). 7.9 m (4 cm) contain pyrite +/- tetrahedrite			51954	6.3	7.1	0.8	0.6	-
		5.7 m - 45° shear 2 cm thick			51955	7.1	8	0.9	0.5	-
		9.2 - 16.7 m - predominantly rubble with major faults from 12.2 - 14 m, 40% recovery with 35 cm of gray white gouge			51956	8	9	1	0.7	-
		16.7 - 17.0 m - foliated zone with 35 shears at 16.7 m and 16.9 m, base of strong oxidation			51957	9	11	2	1.2	-
		- shear zones at 19.6 m (50°, 2 cm), 19.8 m (30°), 20.6 m (35°), 21.4 m (45°)			51958	11	12.2	1.2	0.8	-
		- mixed pale gray green and gray white alteration zones			51959	12.2	14	1.8	1.9	-
		- minor pyrite associated with low angle clear quartz veins and shear zones			51960	14	16.7	2.7	1	-
21.8	35.7	dark gray green with weaker alteration and short < 30 cm unaltered sections. Hematite - epidote alteration along some C type fractures			51961	16.7	17.7	1	1.9	-
		29.7 - 28.2 m - 4 parallel shear zones, 1 - 3 cm of quartz and gouge, alteration intensity increasing	40 - 50		51962	19.5	21	1.5	1.6	-
		- alteration decreasing with depth, occurs as 2 - 15 cm envelopes about veins and fractures			51963	21	22	1	0.7	-
		- quartz, feldspar, pyrite veins at 30.6 m (2 cm), 31.4 m (4 cm)			51964	23.3	24.8	1.5	0.8	-
					51965	27.6	28.6	1	0.4	30
					51966	30.5	31.5	1	6.1	20
					51967	35.4	36.4	1	0.7	75
					51968	36.4	37.5	1.1	10.6	-
					51969	37.5	38.6	1.1	1	-
35.7	71.5	pale to medium gray green, biotite mostly altered to chlorite and sericite			51970	38.6	39.6	1	1.6	100
		36.2 - 37.5 m - 2 cm quartz, feldspar, pyrite, epidote, tetrahedrite vein subparallel to core			51971	39.6	40.6	1	2.1	20
		- low angle veining contains pyrite, high angle veins	10 - 30		51972	40.6	41.6	1	3.8	25
		barren milky white			51973	41.6	42.7	1.1	4.8	30
		44.4 - 44.8 m - erratic veining and quartz flooding with pyrite	30		51974	42.7	43.7	1	1.3	20
					51975	43.7	44.4	0.7	2.2	120
					51976	44.4	44.7	0.3	0.25	0.008oz/t
					51977	44.7	45.7	1	2.74	0.491oz/t
		quartz sulfide vein	25		51978	45.7	46.6	0.9	2.2	650
		(chalcopryrite, galena and v.g. Footwall vein galena and v.g. Footwall vein contact vague with abundant wallrock inclusions			51979	46.6	47.5	0.9	1.4	-
					51980	47.5	48.5	1	0.7	-
		- most sulfide bearing veins at low angle, clear quartz and < 1 cm wide, high angle veins vuggy white and barren			51981	48.5	49.5	1	1.6	600
					51982	49.5	50.5	1	1.5	950

Drilling Company O.W. Coates Enterprises Ltd.	Collar Elevation	Bearing from True North	Dip of hole at: Collar	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. Bav. 1
Date Hole Started Feb. 6, 1987	Date Completed Feb. 9, 1987	Date Logged Feb. 9/87	280° 190.8 m	-45 -44	Location (Twp./Lot/Con. or Lat. and Long.) 54°45'N, 128°45'W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.	Date Submitted	Submitted (sign)	J. Chapman		Property Name Kaiua Lake	

Meterage From	To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
							From	To		Ag/ppm	Au/ppb
0	27.1	Overburden									
27.1	34.2	granodiorite	pale gray moderately siliceous; indistinct crystal boundaries oxidation haloes 1 - 5 cm thick 28.8 - 29.3 m - strongly siliceous with quartz; pyrite; tetrahedrite veins 1 - 5 cm thick cross cutting with minor offset low angle veinlets 29.36 m - gouge filled shear zone 1 cm 30.2 m and 32 m - 3 cm and 2 cm high angle veins associated with shear zones - milky white veins and hairline fractures mostly high angle with clear quartz and chloritic fracture at low angles.	40 - 50 20 30 45		51801 51802 51803 51804 51805 51806 51807 51808 51809 51810	27.1 28.1 29.1 30.1 31.2 32.2 33.2 35.4 36.4 37.4 41.0	28.1 29.1 30.1 31.2 32.2 33.2 34.2 36.4 37.4 41.0	1.0 1.0 1.0 1.1 1.0 1.0 1.0 1.0 1.0 1.5	0.2 0.2 0.5 0.3 0.3 0.3 0.4 0.2 0.5 0.2	- - - - 20 40 - 20 - -
34.2	36.3		coarser grained; darker with more distinct grain boundaries weak purplish colour due to localized hematization. Moderately siliceous; 2 cm quartz; pyrite; tetrahedrite vein at 35.4 m	45							
36.3	42.5		pale gray with weak purplish tinge; start of taic bearing veins (dark green); moderately silicified	10 - 80		51811	41.0	42.5	1.5	0.1	-
42.5	47		darker gray to gray green; locally purplish tinge; abundant hairline fractures with random orientation 45.8 m - 2 veins quartz sulfide; specularite 2 cm; 0.5 cm	50		51812 51813 51814 51815	45.5 47.0 48.3 49.3	47.0 48.3 49.3 50.3	1.5 1.3 1.0 1.0	0.5 2.2 0.2 0.3	- 40 80 10
47	50.6		medium gray with short unaltered sections with veins/ shear systems at 47.4 m (2 cm); 48 m (2 cm); 48.2 m (3 cm); 50.2 m (5 cm); all containing pyrite and tetrahedrite	45 - 50							
50.6	57.2		predominantly dark; medium to coarse grained; relatively unaltered. Minor veining.			51816	52.2	53.7	1.5	0.3	25
57.2	71.3		generally moderately altered with short <10 cm fresh sections; pale gray green locally gray to gray white. Veining predominantly hairline fractures with some thin 0.5 cm milky white veins 59.45 - 63.1 m - shear vein with gouge (2 cm) at 59.45 m	20 - 70 45 - 60 50		51817 51818 51819 51820 51821 51822	56.7 57.8 58.8 59.7 60.7 61.7	57.8 58.8 59.7 60.7 61.7 62.7	1.0 1.0 0.9 1.0 1.0 1.0	0.5 0.2 0.4 0.6 0.4 0.4	- - 10 30 340 20

Drilling Company D.W. Coates Enterprises Ltd.	Collar Elevation	Bearing from True North	Dip of hole at Collar	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. Bav. 1
Date Hole Started Feb. 6, 1987	Date Completed Feb. 9, 1987	Date Logged Feb. 9/87	280° 190.8 m.	-45 -44	Location (Twp., Lot., Con. or Lat. and Long.) 54° 45' N, 128° 45' W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.	Date Submitted	Submitted (sign)	J. Chapman		Property Name Kalum Lake	

Meterage From To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Plinar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
						From	To		Ag/ppm	Au/ppb
	quartz sulfide vein	quartz and quartz +/- pyrite, talc, tetrahedrite 64.4 - 64.75 m - #2 vein with shears quartz, pyrite chalcopyrite, tetrahedrite, galena 65.9 m - quartz chlorite, specularite vein (1 cm) 70.0 m - 20 cm fault zone containing white gouge and pyrite - enclosing rocks weakly silicified	55		51823	62.7	63.7	1.0	0.4	10
					51824	63.7	64.5	0.8	0.3	20
			55		51825	64.5	64.9	0.4	0.19	0.028oz/t
					51826	64.9	65.9	1.0	0.2	-
					51827	65.9	66.9	1.0	0.6	-
					51828	66.9	68.2	1.3	3.2	70
					51829	68.2	69.6	1.4	0.2	-
71.3	78.6	predominantly weakly altered with 10 - 30 cm mineralized altered sections. 6 cm pyrite tetrahedrite quartz vein within a 30 cm zone at 78.1 m	60		51830	69.6	71.0	1.4	0.6	-
					51831	72.7	73.3	0.6	0.3	100
					51832	76.0	77.1	1.1	0.3	-
					51833	77.1	78.6	1.5	0.9	0.007oz/t
78.6	82.4	weak to unaltered feldspar with local thin epidotic zones, minor fracturing			51834	83.8	84.9	1.1	0.3	20
					51835	84.9	86.4	1.5	0.5	60
82.4	86.3	moderate to strong alteration with attendant veining predominantly barren milky white			51838	87.8	88.8	1.0	0.4	-
					51839	90.2	91.2	1.0	0.7	30
86.3	94.4	as in 78.6 - 82.4 m; 2 cm B type vein with specularite at 86 m, 1 cm quartz pyrite veins at 88.5 m, 90.8 m	20 50 - 80		51840	92.5	93.5	1.0	0.7	10
					51841	101.4	102.4	1.0	0.4	10
					51842				2.2	70
94.4	113.6	moderate alteration with 30% unaltered biotite, degree of alteration related to density of hairline fracturing 106.6 m - 3 cm vein shear system with pyrite 108.2 m - 30 cm gray white altered shear zone with minor veining	45 - 65 50 45		51843				0.6	-
					51844	112.7	113.7	1.0	0.6	45
					51845	118.2	119.2	1.0	0.1	-
113.6	118.3	as above with some specular hematite in veins and fractures; weak epidote alteration								
118.3	132.6	moderate to strong alteration; pale gray green to gray white indistinct crystal boundaries 124.7 - 128.3 m - 1 - 2% disseminated and vein pyrite 30 cm shear, gray white with 1 - 3 cm clear quartz veins along margin 128.3 - 130.4 m - competent pale gray green with occasional veining 130.4 - 131.0 m - rubbly gray white with increasing vein density 131.0 - 132.6 m - as in 128.3 - 130.4 m	20 - 40 30		51846	119.2	120.2	1.0	0.6	140
					51847	120.2	121.2	1.0	0.8	-
					51848				0.2	130
					51849	126.1	127.3	1.2	0.6	-
					51850				0.4	-
					51881	128.3	129.3	1.0	0.2	-
					51882				0.4	-
					51883	131.3	132.8	1.5	0.5	-
					51884				0.2	-
					51885				0.2	80

Drilling Company D.W. Coates Enterprises Ltd.	Collar Elevation	Bearing from True North	Dip of hole at Collar	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. Bav. 1
Date Hole Started Feb. 6, 1987	Date Completed Feb. 9, 1987	Date Logged Feb. 9/87	190.8 m.	-44	Location (Twp, Lot, Con. or Lat. and Long.) 54°45'N, 128°45'W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.	Date Submitted	Logged by J. Chapman	Submitted (sign)	Property Name Kalum Lake		

Meterage From To	Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle	Core Specimen Meterage	Your Sample No.	Sample (m.)		Sample Length (m.)	Assays	
						From	To		Ag/ppm	Au/ppb
132.6	152.7	low angle fault zone approximately 30 cm with pyrite and tetrahedrite to 135.3 m	25		51886				-	-
		132.9 - 135.3 m - stockwork vein system			51887				0.2	-
		135.3 m - 10 cm gray blue gouge in shear	90		51888				0.2	-
		135.3 m - 10 cm gray blue gouge in shear	90		51889				0.2	20
		135.4 - 136.1 m - 20 cm gray white gouge with pyrite, tet. and abundant quartz with 10 cm breccia zone	45		51890	139.3	140.3	1.0	0.3	-
		136.5 - 143.7 m - stockwork, locally brecciated and rubbly sections, larger veins > 1.5 cm, with some shearing	40 +		51891	140.3	141.6	1.3	-	-
			40 - 60		51892	141.6	142.3	0.7	0.5	-
					51893				0.2	-
					51894				0.1	-
		143.7 - 145.4 m - gouge and breccia zones at 143.7 m (10 cm) 145 m (10 cm), 145.4 m (15 cm)	45		51895				0.4	-
		145.4 - 152.7 m - predominantly pale gray green with local gray white alteration zones < 20 cm wide. Abundant veining locally stockwork density veining mostly barren milky white.			51851	150.2	151.7	1.5	0.6	-
					51852	151.7	152.9	1.2	0.2	-
					51853	152.9	154.4	1.5	0.6	-
					51854	154.4	155.9	1.5	0.3	-
					51855	155.9	156.8	0.9	0.2	-
152.7	162.9	40% sheared both high (40+) and low (subparallel) angles predominantly gray green with local gray white zones. Possible tetrahedrite at 156.5 m.			51856	156.8	158.2	1.4	0.2	-
		159.0 - 161.5 m - pyrite increasing upto 3% with traces copper stains, stockwork veining			51857	158.2	159.3	1.1	0.3	40
		162.9 - 164.3 m - major fault zone with 20 cm unbrecciated rock in centre, trace sulfides			51858	159.3	160.3	1.0	0.5	-
					51859	160.3	161.4	1.1	0.5	-
					51860	162.8	164.2	1.4	0.6	-
					51861	167.1	168.1	1.0	-	-
					51862	168.1	169.1	1.0	0.3	-
					51863	169.1	170.0	0.9	0.1	-
164.3	167.3	thin (<5 cm shear zones, little sulfides	50		51864	170.0	171.0	1.0	-	-
					51865	171.0	172.0	1.0	0.1	-
167.3	168	fault zone as in 162.9 - 164.3 m. Upper contact Gouge more abundant in upper 1 m with 30% rounded fragments; 70% fragments in lower portion; lower contact indistinct	40		51866	174.5	175.5	1.0	0.2	-
					51867	175.5	176.5	1.0	-	-
					51868	176.5	178.0	1.5	-	-
168	169.5	pyritic zone with a trace of chalcopyrite, pale gray green with moderate veining								
169.5	178.6	gray green weakly altered with minor veining. Dark red brown, very fine grained ultramafic dyke at 169.6 m with 2 - 5 m pale blue chilled margin, very soft 3 cm wide	20		51869	178.0	179.1	1.1	0.2	60
					51870	179.1	179.8	0.7	0.4	165
					51871	179.8	180.8	1.0	0.3	-
					51872	180.8	181.7	0.9	0.3	-
					51873	181.7	183.2	1.5	0.2	-
178.6	183.2	strongly altered sheared and brecciated with a 20 cm quartz vein at	50		51874	183.2	184.0	0.8	0.5	-

Drilling Company D.W. Coates Enterprises Ltd.		Collar Elevation	Bearing from True North	Dip of hole at Collar	Location of hole in relation to fixed point on claim.	Map Ref. No.	Claim No. Bav. 1
Date Hole Started Feb. 6, 1987	Date Completed Feb. 9, 1987	Date Logged Feb. 9/87	280°	190.8 m.	-44	Location (Twp., Lot, Con. or Lat. and Long.) 54° 45' N, 128° 45' W	
Exploration Co., Owner or Optionee TERRACAMP DEVELOPMENTS LTD.		Date Submitted	Submitted (sign) J. Chapman			Property Name Kalum Lake	

Meterage		Rock Type	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	Planar	Core	Your	Sample (m.)		Sample	Assays	
From	To			Feature	Specimen	Sample	From	To	Length	Ag/ppm	Au/ppb
				Angle	Meterage	No.			(m.)		
			179.2 m containing pyrite, tetrahedrite 20 cm vein at 181.2 m, #1 vein	45		51875	185.0	186.4	1.4	-	-
183.2	185.2		ultramafic dyke as at 169.6 m contacts	40		51876	187.8	186.7	0.9	0.3	-
			10 cm dyke at 183.2 m, 183.5 m, 1.1 m dyke at 183.9 m			51877	188.7	189.5	0.8	0.2	-
185.2	190.8		moderate to strong alteration, shearing and veining subparallel to 45			51878	189.5	189.9	0.4	0.3	-
			At 189.2 m, 5 cm shear zone with pyrite and tetrahedrite in grayish white gouge.	45		51879	189.9	190.8		0.6	-
						51880	179.1	179.3	0.2	0.2	120
			end of hole	angle	44						

APPENDIX B



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 966-6211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-6656

Handwritten signature

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C.
: V6C 2T5

DATE: Mar 04 1987

REPORT#: 870147 GA
JOB#: 870147

PROJECT#: None Given
SAMPLES ARRIVED: Feb 13 1987
REPORT COMPLETED: Mar 04 1987
ANALYSED FOR: Ag Au (FA/AAS)

INVOICE#: 870147 NA
TOTAL SAMPLES: 157
SAMPLE TYPE: 157 DRILL CORE
REJECTS: SAVED

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. JIM CHAPMAN

ANALYSED BY: VGC Staff

SIGNED: _____

Handwritten signature

GENERAL REMARK: Metallic analyses for 10 samples



VANGEOCHEM LAB LIMITED

MAIN OFFICE
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(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5658

REPORT NUMBER: 870147 GA

JOB NUMBER: 870147

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 5

SAMPLE #	Ag ppm	Au ppb
1656	1.0	50
1657	1.0	nd
1658	.4	40
1659	.5	60
1660	.2	40
1661	.5	10
1662	.6	40
1663	.6	40
1664	.4	20
1665	.4	40
1666	.7	nd
1667	.6	nd
1668	1.2	nd
1669	.4	20
1670	.5	nd
1671	.4	15
1672	.7	10
1673	.5	30
1674	.8	40
1675	.4	20
51801	.2	nd
51802	.2	—
51803	.5	—
51804	.3	—
51805	.3	20
51806	.3	40
51807	.4	nd
51808	.2	20
51809	.5	nd
51810	.2	nd
51811	.1	nd
51812	.5	nd
51813	2.2	40
51814	.2	80
51815	.3	10
51816	.3	25
51817	.5	nd
51818	.2	nd
51819	.4	10

DETECTION LIMIT 0.1 5

nd = none detected

— = not analysed

is = insufficient sample



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(604) 251-5656

REPORT NUMBER: 870147 GA

JOB NUMBER: 870147

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PAGE 2 OF 5

SAMPLE #	Ag ppm	Au ppb
51820	.6	30
51821	.4	340
51822	.4	20
51823	.4	10
51824	.3	20
51825	6.8	--
51826	.2	nd
51827	.6	nd
51828	3.2	70
51829	.2	nd
51830	.6	nd
51831	.3	100
51832	.3	nd
51833	.9	--
51834	.3	20
51835	.5	60
51836	168.6	--
51837	15.6	--
51901	1.0	--
51902	.4	nd
51903	.9	40
51904	.2	nd
51905	.4	nd
51906	.1	10
51907	.3	10
51908	.2	10
51909	.2	nd
51910	.4	25
51911	.5	20
51912	.4	nd
51913	.4	nd
51914	.6	nd
51915	.6	nd
51916	.6	nd
51917	.3	nd
51918	.4	nd
51919	.7	nd
51920	.7	nd
51921	.6	nd

DETECTION LIMIT 0.1 5

nd = none detected

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 870147 GA

JOB NUMBER: 870147

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PAGE 3 OF 5

SAMPLE #	Ag	Au
	ppm	ppb
51922	.6	nd
51923	.4	nd
51924	.5	nd
51925	.7	nd
51926	.6	nd
51927	.6	nd
51928	.3	nd
51929	.6	nd
51930	.4	nd
51931	.4	nd
51932	.2	nd
51933	.2	nd
51934	.1	nd
51935	.2	10
51936	.2	nd
51937	.2	20
51938	.2	85
51939	.1	nd
51940	.1	nd
51941	.2	nd
51942	.2	15
51943	.1	nd
51944	.3	nd
51945	.5	nd
51946	.1	nd
51947	nd	nd
51948	nd	nd
51949	.2	nd
51950	.3	nd
51951	.4	nd
51952	.4	nd
51953	.8	nd
51954	.6	nd
51955	.5	nd
51956	.7	nd
51957	1.2	nd
51958	.8	nd
51959	1.9	nd
51960	1.0	nd

DETECTION LIMIT 0.1 5

nd = none detected

— = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 870147 GA

JOB NUMBER: 870147

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PAGE 4 OF 5

SAMPLE #	Ag ppm	Au ppb
51961	1.9	nd
51962	1.6	nd
51963	.7	nd
51964	.8	nd
51965	.4	30
51966	6.1	20
51967	.7	75
51968	10.6	nd
51969	1.0	nd
51970	1.6	100
51971	2.1	20
51972	3.8	25
51973	4.8	30
51974	1.3	20
51975	2.2	120
51976	8.6	—
51977	94.0	—
51978	2.2	650
51979	1.4	nd
51980	.7	nd
51981	1.6	600
51982	1.5	950
51983	.6	nd
51984	.8	nd
51985	.6	nd
51986	.6	nd
51987	1.0	nd
51988	.7	nd
51989	.8	nd
51990	1.0	60
51991	1.0	50
51992	1.1	80
51993	.6	10
51994	1.1	15
51995	.6	nd
51996	.4	nd
51997	.6	40
51998	1.0	--
51999	.6	nd

DETECTION LIMIT 0.1 5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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(604) 251-5656

REPORT NUMBER: 870147 GA

JOB NUMBER: 870147

OREQUEST CONSULTANTS LTD.

PAGE 5 OF 5

SAMPLE #

Ag	Au
ppm	ppb
.6	nd

52000

DETECTION LIMIT
nd = none detected

0.1 5
-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-6656

ASSAY ANALYTICAL REPORT

=====

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C.
: V6C 2T5

DATE: Mar 04 1987

REPORT#: 870147 AA
JOB#: 870147

PROJECT#: None Given
SAMPLES ARRIVED: Feb 13 1987
REPORT COMPLETED: Mar 04 1987
ANALYSED FOR: Au

INVOICE#: 870147 NA
TOTAL SAMPLES: 10
REJECTS/PULPS: 90 DAYS/1 YR
SAMPLE TYPE: 10 DRILL CORE

SAMPLES FROM: OREQUEST CONSULTANTS LTD.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. JIM CHAPMAN

ANALYSED BY: David Chiu

SIGNED: _____

Registered Provincial Assayer

GENERAL REMARK: Metallic Analyses



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

PAGE NO.
03/04/87

1 OF 1

JOB: 870147 REPORT: 870147 AA
COMPANY: OREQUEST CONSULTANTS LIMITED

METALLIC ANALYSIS

SAMPLE NUMBER	WEIGHT (GM)	AU (MG)	AU (OZ/ST)
51802 TOTAL	1835.09	ND	ND
51802 +140	46.19	ND	--
51802 -140	1788.90	ND	ND
51803 TOTAL	1746.90	ND	ND
51803 +140	39.10	ND	--
51803 -140	1707.80	ND	ND
51804 TOTAL	2355.53	ND	ND
51804 +140	67.83	ND	--
51804 -140	2287.70	ND	ND
51825 TOTAL	608.50	0.586	0.028
51825 +140	23.00	0.024	--
51825 -140	585.50	0.562	0.028
51833 TOTAL	1451.61	0.374	0.007
51833 +140	69.81	0.042	--
51833 -140	1381.80	0.332	0.007
51836 TOTAL	880.40	56.318	1.866
51836 +140	37.80	10.818	--
51836 -140	842.60	45.500	1.575
51837 TOTAL	1179.35	1.202	0.030
51837 +140	21.05	0.090	--
51837 -140	1158.30	1.112	0.028
51901 TOTAL	1401.69	0.010	ND
51901 +140	88.39	0.010	--
51901 -140	1313.30	ND	ND
51976 TOTAL	683.68	0.194	0.008
51976 +140	18.88	0.012	--
51976 -140	664.80	0.182	0.008
51977 TOTAL	1620.66	27.286	0.491
51977 +140	46.56	7.641	--
51977 -140	1574.10	19.645	0.364
51998 TOTAL	437.62	0.298	0.020
51998 +140	27.02	0.016	--
51998 -140	410.60	0.282	0.020
DETECTION LIMIT	0.01	0.001	0.001
ND = NONE DETECTED	--	= NOT ANALYSED	



VANGEOCHEM LAB LIMITED

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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: OREQUEST CONSULTANTS LTD.
ADDRESS: 404 - 595 Howe Street
: Vancouver, B.C.
: V6C 2T5

DATE: Mar 04 1987

REPORT#: 870153 GA
JOB#: 870153

PROJECT#: TERRACAMP DEV.
SAMPLES ARRIVED: Feb 15 1987
REPORT COMPLETED: Mar 04 1987
ANALYSED FOR: Ag Au (FA/AAS)

INVOICE#: 870153 NA
TOTAL SAMPLES: 58
SAMPLE TYPE: 58 DRILL CORE
REJECTS: SAVED

SAMPLES FROM: Terrace, B.C.
COPY SENT TO: OREQUEST CONSULTANTS LTD.

PREPARED FOR: MR. IAN CAMPBELL

ANALYSED BY: VGC Staff

SIGNED: 

GENERAL REMARK: None



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-6656

REPORT NUMBER: 870153 GA

JOB NUMBER: 870153

OREQUEST CONSULTANTS LTD.

PAGE 1 OF 2

SAMPLE #	Ag ppm	Au ppb
51838	.4	nd
51839	.7	30
51840	.7	10
51841	.4	10
51842	2.2	70
51843	.6	nd
51844	.6	45
51845	.1	nd
51846	.6	140
51847	.8	nd
51848	.2	130
51849	.6	nd
51850	.4	nd
51851	.6	nd
51852	.2	nd
51853	.6	nd
51854	.3	nd
51855	.2	nd
51856	.2	nd
51857	.3	40
51858	.5	nd
51859	.5	nd
51860	.6	nd
51861	nd	nd
51862	.3	nd
51863	.1	nd
51864	nd	nd
51865	.1	nd
51866	.2	nd
51867	nd	nd
51868	nd	nd
51869	.2	60
51870	.4	165
51871	.3	nd
51872	.3	nd
51873	.2	nd
51874	.5	nd
51875	nd	nd
51876	.3	nd

DETECTION LIMIT

0.1 5

nd = none detected

-- = not analysed

is = insufficient sample



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L8
(604) 251-6656

REPORT NUMBER: 870153 GA

JOB NUMBER: 870153

OREQUEST CONSULTANTS LTD.

PAGE 2 OF 2

SAMPLE #	Ag ppm	Au ppb
51877	.2	nd
51878	.3	nd
51879	.6	nd
51880	.2	120
51881	.2	nd
51882	.4	nd
51883	.5	nd
51884	.2	nd
51885	.2	80
51886	nd	nd
51887	.2	nd
51888	.2	nd
51889	.2	20
51890	.3	nd
51891	nd	nd
51892	.5	nd
51893	.2	nd
51894	.1	nd
51895	.4	nd

DETECTION LIMIT

0.1 5

nd = none detected

-- = not analysed

is = insufficient sample

LEGEND

SYMBOLS		ABBREVIATIONS	
	fault	GRD	granodiorite
	shear	VG	visible gold
	vein	ca	calcite
	breccia	cb	carbonate
ALTERATIONS (underlined>)		cp	chalcopyrite
moderate	strong	cu	copper
prop	PROP	fs	feldspar
arg	ARG	ga	galena
hem	HEM	py	pyrite
ep	EP	qtz	quartz
ox	OX	tet	tetrahedrite
		tour	tourmaline

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

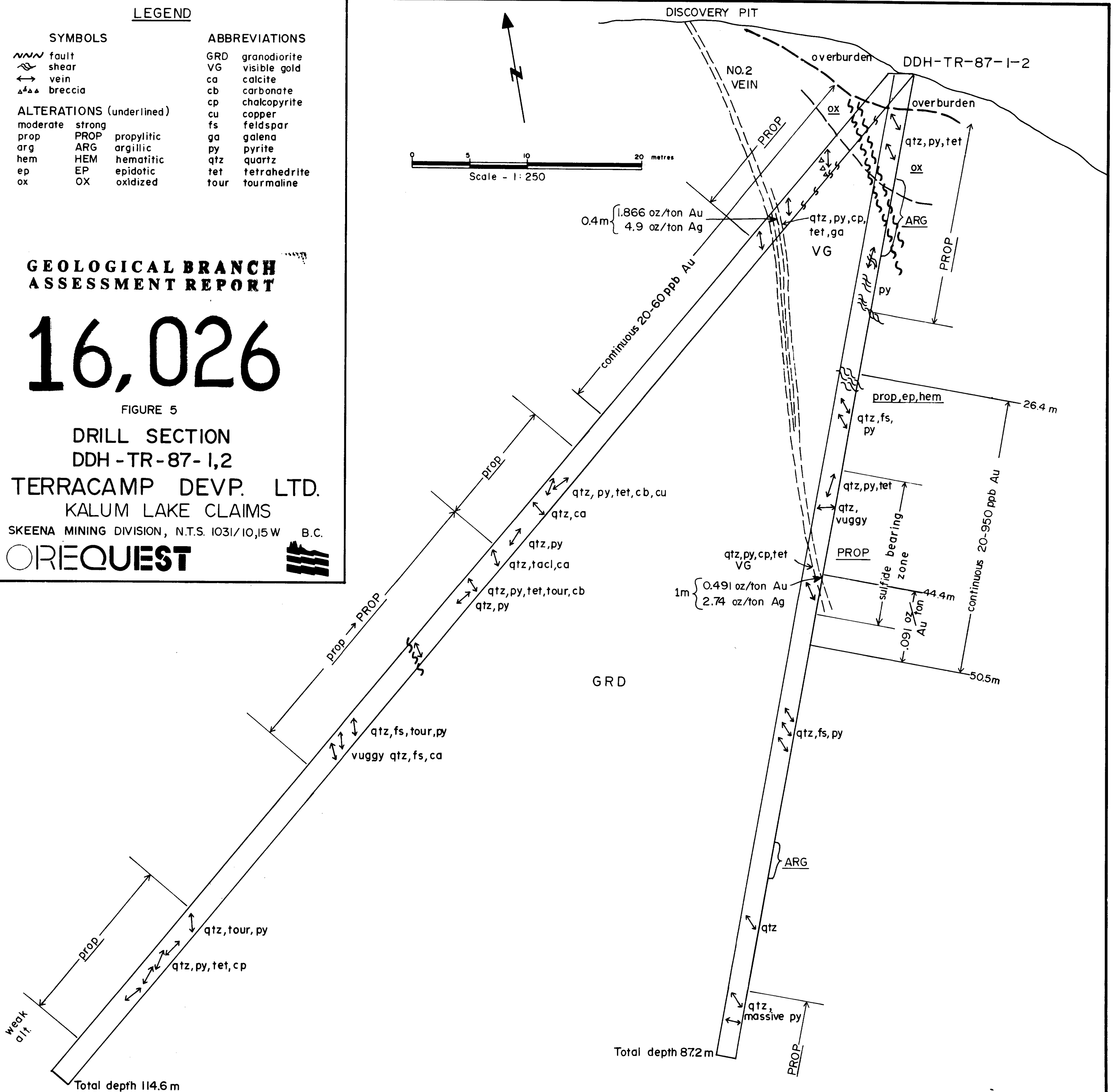
16,026

FIGURE 5

**DRILL SECTION
DDH - TR - 87 - 1,2
TERRACAMP DEVP. LTD.
KALUM LAKE CLAIMS**

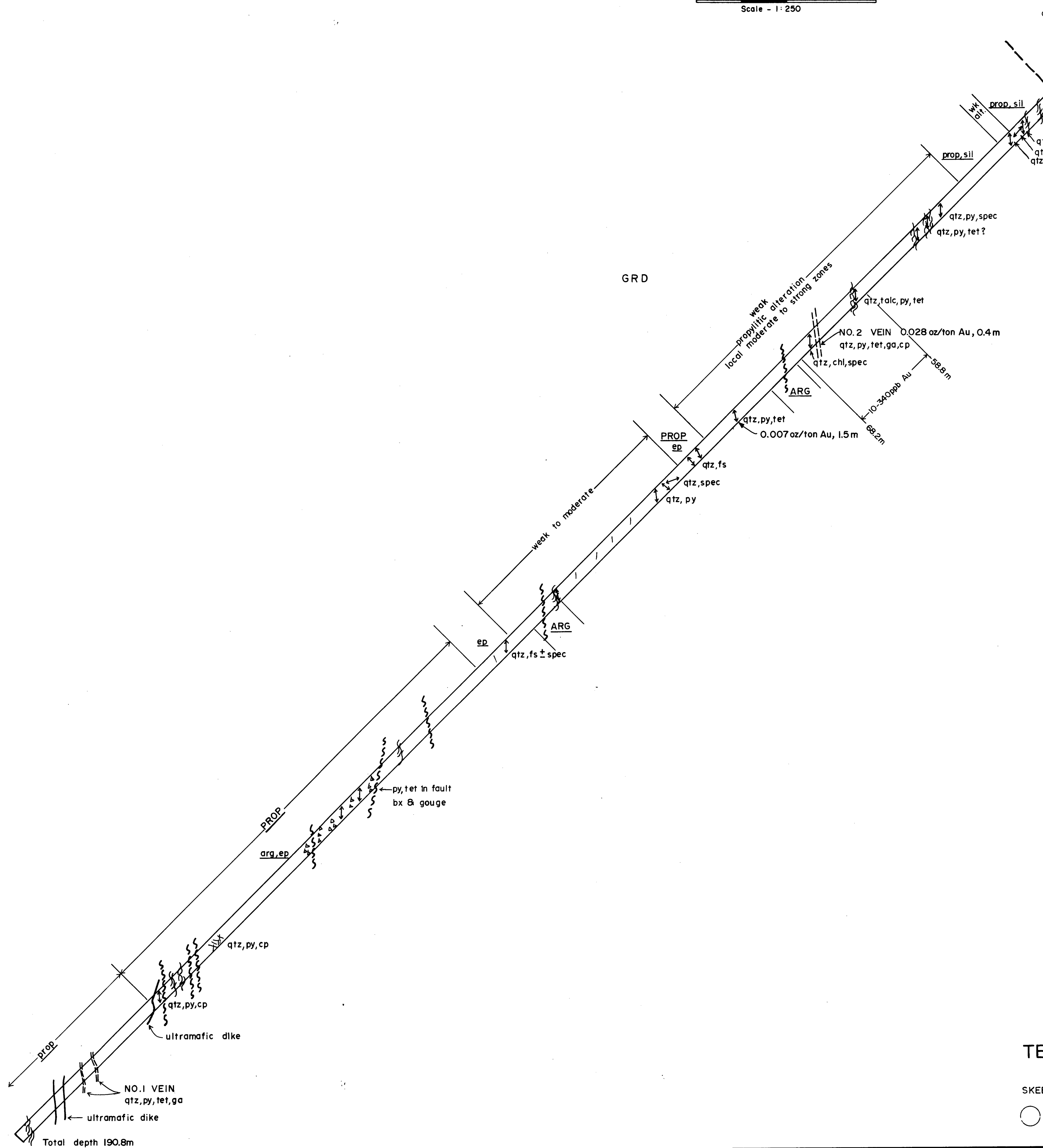
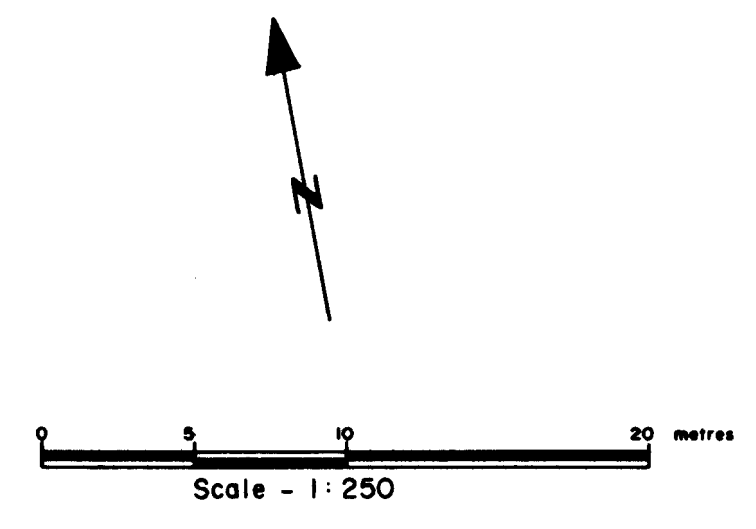
SKEENA MINING DIVISION, N.T.S. 1031/10,15 W B.C.

OREQUEST



Total depth 114.6 m

Total depth 87.2 m



LEGEND

- SYMBOLS**
 ~~~~~ fault  
 ~~~~~ shear  
 ↔ vein
 ✕ fractures
 ▲ breccia

- ABBREVIATIONS**
 GRD granodiorite
 chl chlorite
 cp chalcopyrite
 cu copper
 fs feldspar
 ga galena
 py pyrite
 qtz quartz
 spec specularite
 tet tetrahedrite

- ALTERATIONS (underlined)**
 moderate strong
 prop PROP propylitic
 arg ARG argillic
 ep EP epidotic
 sil SIL silicified

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,026
 FIGURE 6

DRILL SECTION
 DDH-TR-87-3
 TERRACAMP DEVP. LTD.
 KALUM LAKE CLAIMS
 SKEENA MINING DIVISION, N.T.S. 103/10,15W B.C.
OREQUEST

Total depth 190.8m