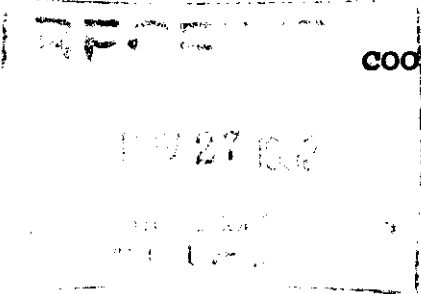


LOG NO:	DEC 07 1992	RD.
ACTION:		
FILE NO:		

**GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT  
ON THE  
JERICO RESOURCES LTD.  
CASTLE PROJECT  
COOL, RIDGE, WHAT AND NOW CLAIMS**



LIARD MINING DIVISION  
BRITISH COLUMBIA

Latitude (57°48'N)      57° 43'  
Longitude (130°12'W)    130° 14'

NTS 10469E

Peter J. Lougheed, M.Sc., P.Geo., F.G.A.C.  
Mark T. Lapointe, B.Sc.  
Prime Explorations - a Division of  
Prime Equities International Corporation

November 26, 1992

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,658**

## SUMMARY

In August 1992 Prime Explorations - a division of Prime Equities International Corporation, conducted a limited program of prospecting and reconnaissance style soil geochemical sampling on behalf of Jericho Resources Ltd. Prospecting was conducted on the Cool and Ridge claims and soil sampling was carried out on the What and Now claims. The latter program consisted of soil sampling along three, north-south oriented, flagged grid lines at 50 metre sample spacings and 400 metre line spacings. The purpose of this program was to locate any areas with anomalous base and/or precious metals concentrations in the soils while ensuring sufficient coverage of the claims to satisfy this year's government assessment requirements.

Prospecting on the Cool and Ridge claims failed to return any significant base or precious metals results and soil sampling on the What and Now claims returned only a few, very weakly anomalous gold results.

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## **INTRODUCTION**

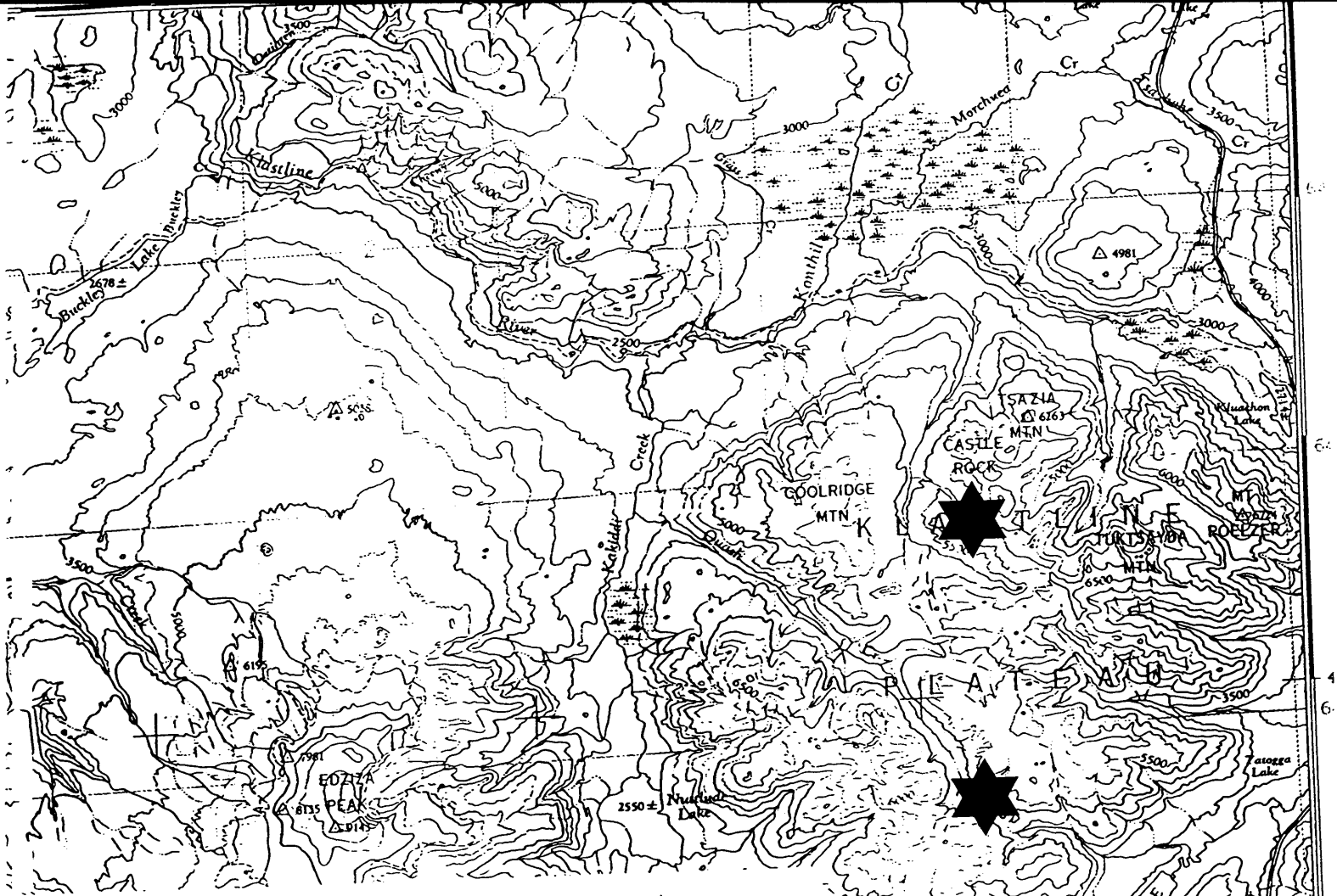
The Castle Project consists of nine claims underlain by Stuhini Group and Quaternary volcanic stratigraphy. The main target on the property is one or more shear hosted gold deposits. The following report summarizes the results of a limited work program conducted over parts of four claims within the group to satisfy 1992 government assessment requirements. The work was performed by Prime Explorations - a division of Prime Equities International Corporation on behalf of Jericho Resources Ltd. (formerly Triumph Resources Ltd.) between August 15 and August 17, 1992. The budget for this program was approximately \$12,000.

## **LOCATION AND ACCESS**

The property is located on the Klastline Plateau with the main group of the Castle Project claims situated between Coolridge Mountain and Tuktsayda Mountain. The What and Now claims are located approximately 7 kilometres to the south (Fig.1,2). The village of Iskut is some 15 kilometers east of the property and the permanent base at Bob Quinn is approximately 90 kilometres to the south. Access to the claims is by helicopter and the crew conducting the 1992 program operated out of Bob Quinn.

## **CLAIMS, STATUS**

The Castle Project claims and their status are given in the following table.



MAP 104 G TELEGRAPH CREEK

1 : 250,000

0 5 km

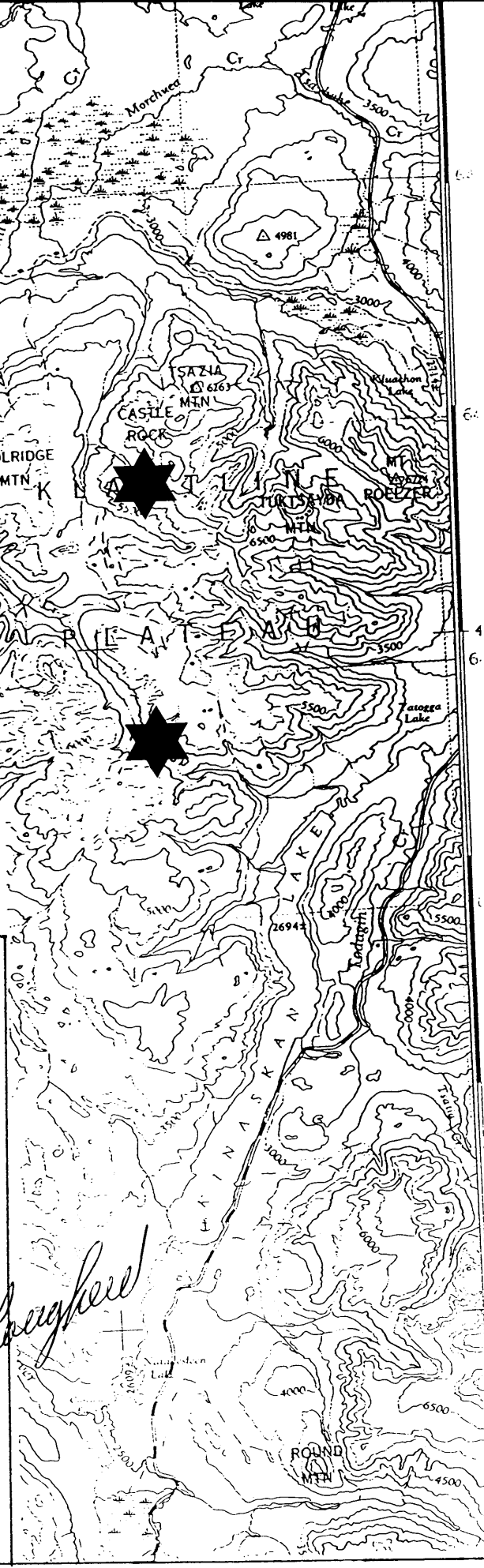
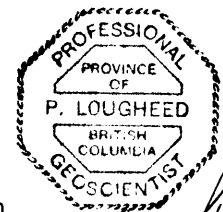
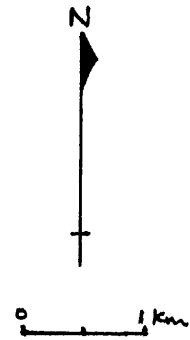
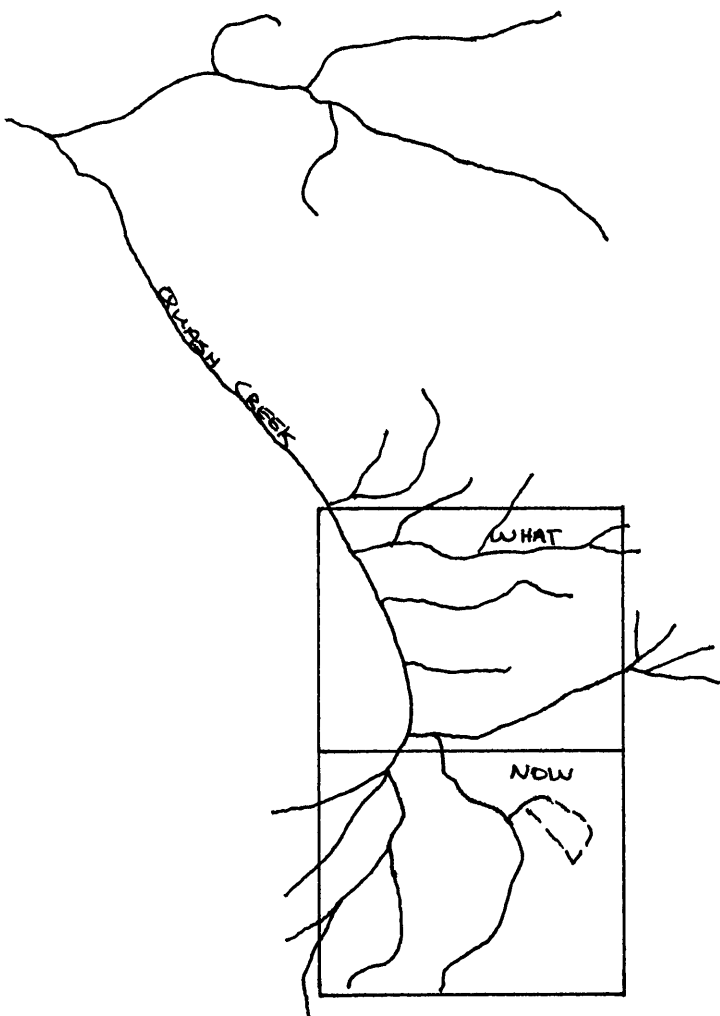
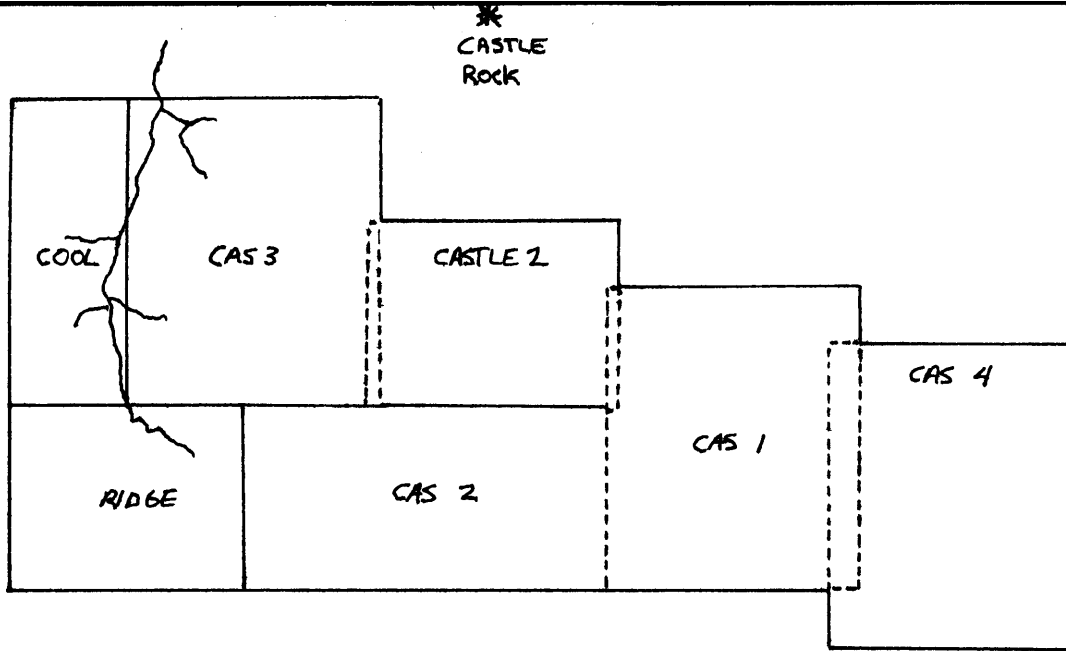


fig. 1 LOCATION OF CASTLE PROJECT CLAIM GROUPS



*Peter Lougheed*

Fig. 2 LOCATION OF CLAIMS - CASTLE PROJECT  
 JERICO RESOURCES Ltd. 1992

CLAIM NAME	UNITS	RECORD NO.	RECORD DATE	EXPIRY DATE
CASTLE #2	12	1232	Mar. 26/80	Mar. 26/99
CAS 1	20	4110	July 6/87	July 6/99
CAS 2	18	4110	July 6/87	July 6/99
CAS 3	20	4112	July 6/87	July 6/99
CAS 4	20	4113	July 6/87	July 6/99
COOL	10	5245	Aug. 30/88	Aug. 30/93
RIDGE	12	5246	Aug. 30/88	Aug. 30/93
WHAT	20	5243	Sept. 1/88	Sept. 1/93
NOW	20	5344	Sept. 1/88	Sept. 1/93

The work program described herein was designed to satisfy government assessment requirements for a period of one year, from 1992 to 1993, for the Cool, Ridge, What, and Now claims.

#### PHYSIOGRAPHY

The majority of the claims worked in 1992 occur in gently rolling, alpine meadow-tundra areas, although more rugged conditions occur in the What and Now claims particularly along the southern portion of the latter. Elevations vary from approximately 1300 m to 2150 m.

#### REGIONAL GEOLOGY

~~Figure 3 shows~~ the regional geology of the area from G.S.C. Map: 11-1971 (Konkin, 1990). The following description of the geology is taken from Konkin (1990, p.7) who conducted the most recent prior work on the property.

"Most of the Klastline Plateau is underlain by Upper Triassic andesitic flows and pyroclastics of the Stuhini Group. The volcanic rocks overlie slightly older Upper Triassic thinly bedded siltstones and other fine-grained sediments with minor

two units are in fault contact along an east-west trend cutting across the span of plateau..."

"Minor northwest trending fine-grained pale-coloured felsite, feldspar porphyry dykes and purple and green rhyolitic flows intrude the Upper Triassic volcanics and sediments. The dykes and flows are believed to be Tertiary and/or Late Cretaceous in age.

The central region of the Klastline Plateau is capped by Quaternary basaltic lavas, olivine basalts and related pyroclastics. The young basalts produce the highest relief for the area.

The region to the west of the plateau in the Edziza Peak area is predominately underlain by similar Upper Triassic volcanics and sediments capped by Tertiary and Quaternary basaltic flows."

#### **PREVIOUS WORK**

The following is summarized from reports by Folk (1987) and Konkin (1990) who have supervised work on the Castle Project claims.

No previous detailed, or specific work is reported for the Cool and Ridge claims. However Sumitomo Metal Mining Canada Ltd., while exploring for copper, staked the general area now overlain by the Castle claims in 1970 and conducted a soil geochemical survey and a five hole diamond drill program.

The Geological Survey of Canada mapped the area in 1971 (GSC Map 11-1971) and flew an airborne magnetometer survey over the area between 1975 and 1978.

Teck Explorations staked the Castle #1 and Castle #2 claims in 1980 and conducted limited soil sampling, geological mapping,



magnetometer, VLF-EM and Self-Potential I.P. geophysical surveys and hand trenching programs. Subsequent to this work the Castle #1 claim was allowed to lapse. In 1987 Teck Corporation entered into an agreement with Kappa Resource Corporation who funded the staking of the CAS 1-4 claims, additional soil sampling, Self-Potential IP and Magnetometer surveys and hand trenching. In 1988 eleven NQ size diamond drill holes totalling 1190.2 metres were drilled along the "Castle Trend" on the Castle #2 claim.

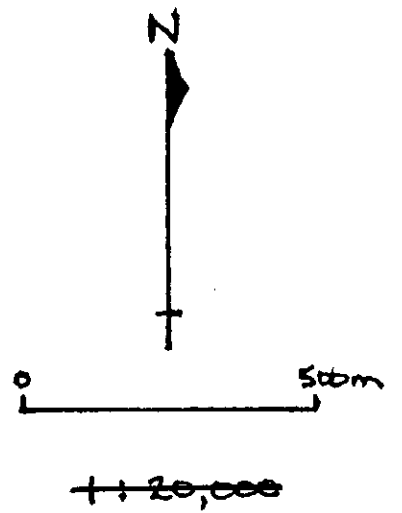
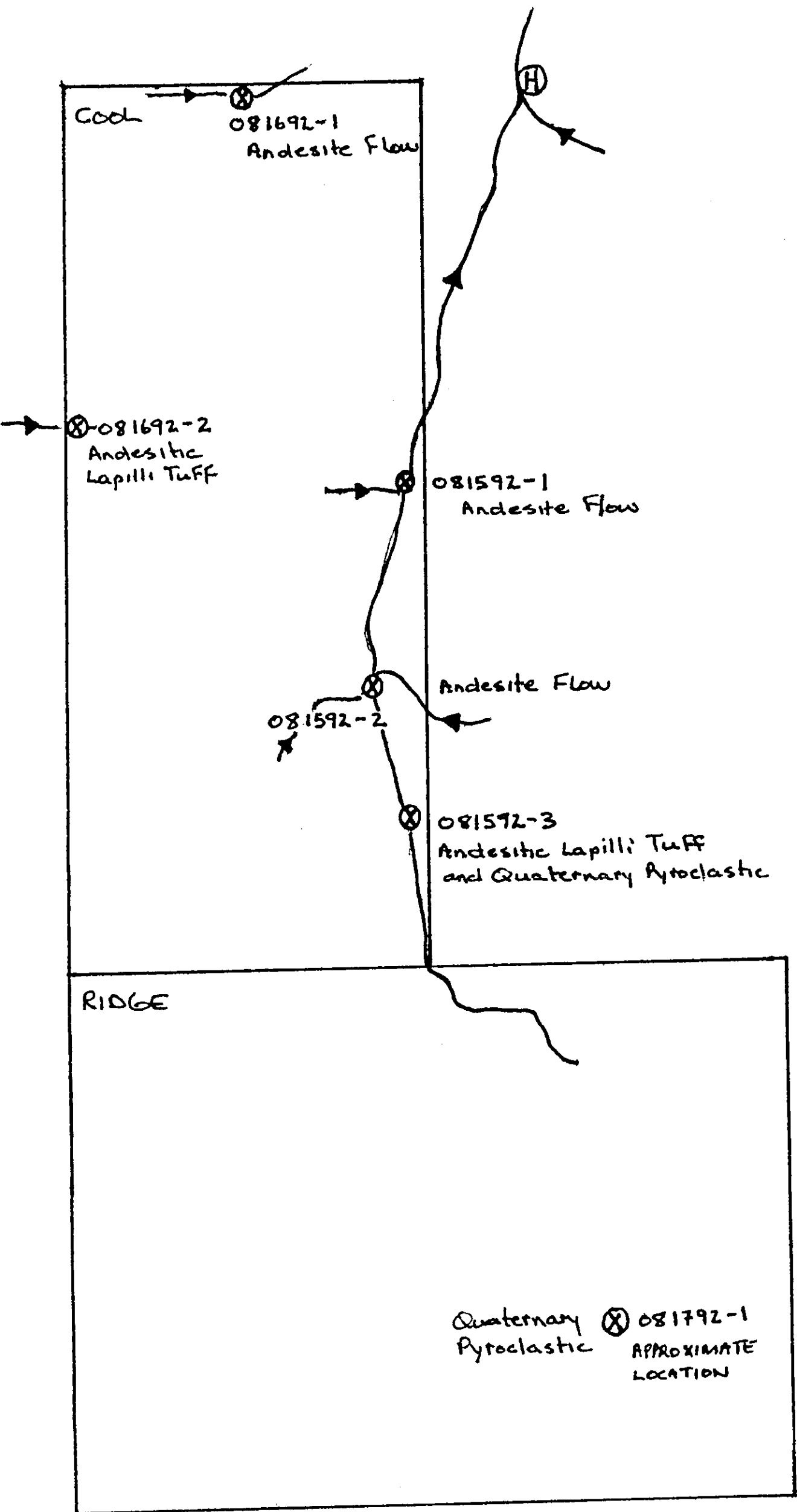
In 1990 Triumph Resources Ltd. (now Jericho Resources Ltd.) entered into an agreement with Teck Corporation to earn 50% of the latter's interest in the property and funded a program of hand trenching and soil sampling along the Castle Trend.

To the south, Teck Explorations obtained several anomalous gold values in silt samples taken during a 1989 stream sediment sampling survey on the What and Now claims. In 1990, Triumph conducted a limited geological mapping program and collected silt samples along several tributaries off Quash Creek.

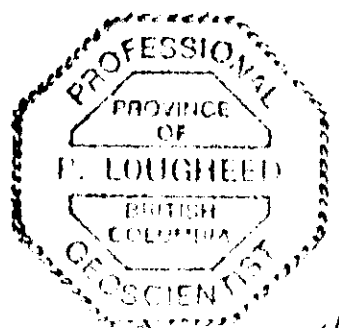
#### **1992 WORK PROGRAM**

##### **A: COOL AND RIDGE CLAIMS - Geological Mapping, Prospecting**

Outcrop exposure on the Cool and Ridge claims is sparse. The majority of the exposure on the Cool claim occurs along a relatively larger north flowing creek running along the eastern boundary of the claim and to a lesser extent in the beds of several more east-west trending creeks (Fig.4). Only coarse, gritty, Quaternary basaltic pyroclastic rocks were seen on the Ridge claim.



- ⊗ 081592-1 - OUTCROP NUMBER AND ROCK TYPE (See text for desc)
- Ⓜ HELICOPTER LANDING SITE
- STREAM, WITH FLOW DIRECTION



*Peter Loughheed*

fig. 4 OUTCROP DISTRIBUTION AND ROCK TYPE  
- 1992 GEOLOGICAL SURVEY

The table below summarizes observations made of outcrops occurring on the claims. The following abbreviations are used: chl=chlorite, ep=epidote, mt=magnetite, hem=hematite, qtz=quartz, vfg=very fine grained, wk=weak, mod=moderate, feld=feldspar(plag), frac cont=fracture controlled, perv=pervasive, frac=fractures, Qt volcst=Quaternary volcanoclastic.

OUTCROP NO.	LITHOLOGY	ALTERATION	STRUCTURE
081592-1	vfg, locally feld phyrlic andesite flow	mod frac cont calcite locally with ep and weakly bleached halos	jointing gives blocky appearance otherwise massive
081592-2	vfg, feld phyrlic andesite flow	wk perv hem, wk frac cont calcite	massive though local curvilinear "frac" (poss flow banding?)
081592-3	1. vfg matrix with fragments up to 2x3 cm Andesite Lapilli Tuff  2. highly weathered, gritty fg, 1x1 mm rounded clasts, sub hedral Mt up to 3x5 mm - siltstone	1. mod calcite veining with bleached halos  2. strong pervasive hematitic	1. unit was nearly completely submerged in creek, no major structure(s) could be seen  2. highly weathered sub horizontal 1-2 cm bedding - overlies unit 1. 1. (probable fault contact)

081692-1	vfg, feld phyric andesite flow local Mt	mod pervasive hematitic, local ep-chl-calcite veinlets	massive though several northwest trending, west dipping curvilinear "frac" (poss flow banding?)
081692-2	fg-mg andesitic lapilli tuff, matrix of chl, ep, with angular hematitic frags lesser clear qtz frags	mod frac cont ep	very poorly exposed, no banding (bedding) evident
081792-1	Qt volcst >50% ave 3x5 mm frags	mod limonitic fractures, highly weathered	subhorizontal beds up to several feet in thickness

A total of seven grab samples were taken and analysed for their Cu, Pb, Zn, Ag and Au contents; six from outcrops found on the Cool claim and one from the pyroclastic unit on the Ridge claim. The results are given in Appendix I.

The paucity of outcrop, and the limited exposure of several of those on the Cool claim make it difficult to accurately determine the nature of the stratigraphy underlying that claim. However, the rocks can generally be subdivided into massive andesitic flows and coarsely bedded andesitic lapilli tuff units. The relative position of outcrops of tuff versus flow units may suggest overall northwest-southeast trending contacts in the Stuhini stratigraphy.

B: WHAT AND NOW CLAIMS - Soil Geochemical Sampling

The most recent work conducted on the claims consisted of stream sediment sampling and geological mapping (Konkin, 1990).

This work was concentrated more in the What claim so the 1992 program was centered in the Now claim (Fig.5).

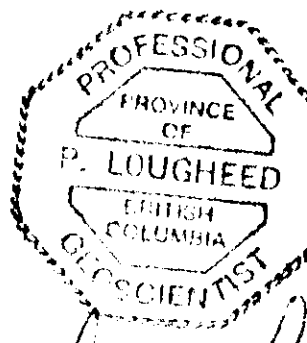
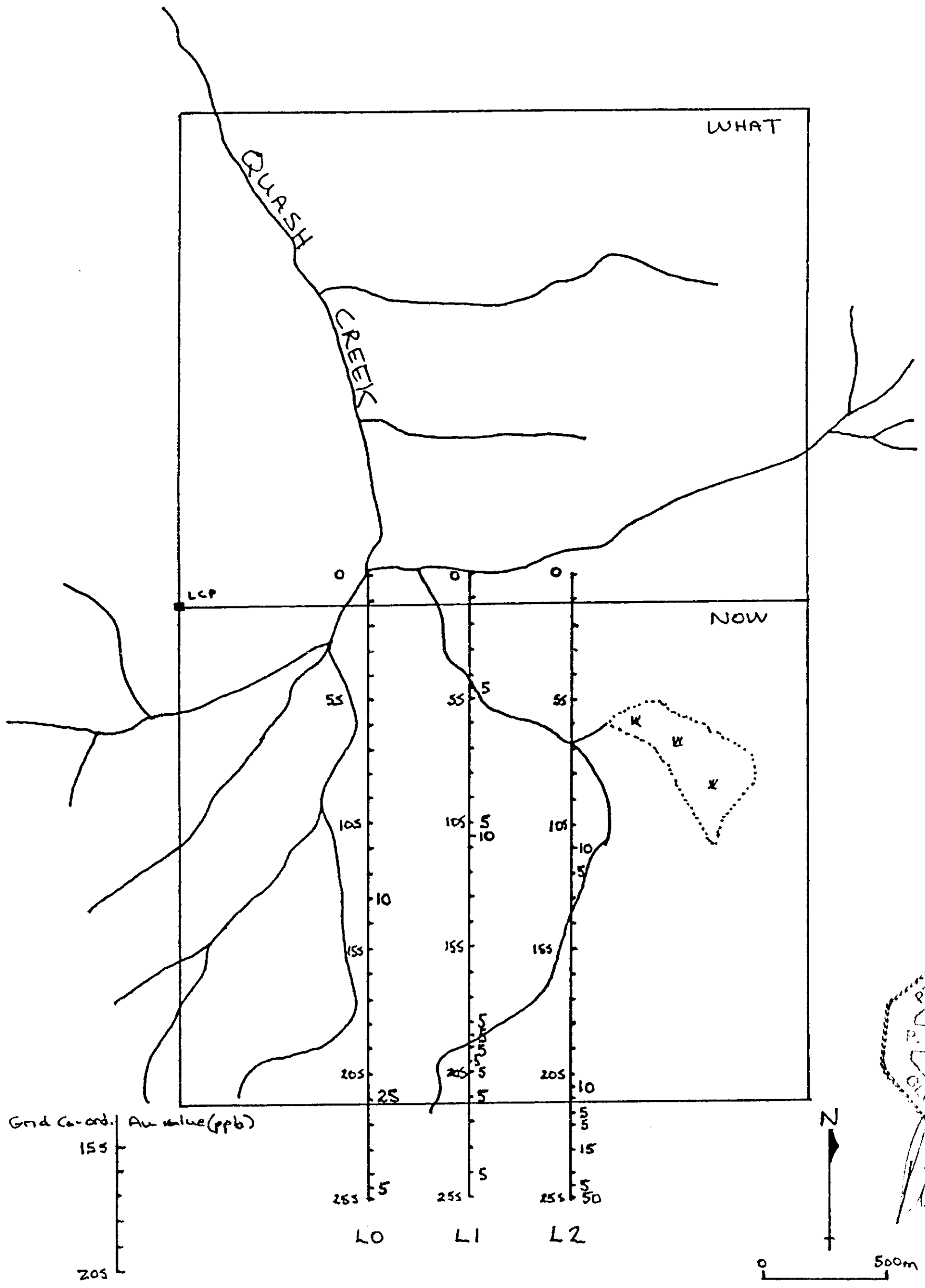
A total of 148 soil samples were taken and analyzed for their gold content and by I.C.A.P. Plasma Scan multi-element analysis. The results are listed in Appendix II. The samples were collected at 50 m sample spacings on three lines at 400m line spacings. The survey was designed to locate areas with potentially elevated base and/or precious metals over as large an area of the claims as the budget would permit. Due to local snow patches or extensive outcrop exposure, soil samples could not be obtained at the following stations: L0/15+50S, L0/16+00S, L1/6+50S, L1/11+50S and L1/12+00S.

The survey did not return any significant results in base or precious metals.

#### **CONCLUSIONS, RECOMMENDATIONS**

Based on the results of the 1992 work, and a review of results obtained by previous workers, no further work is warranted on the What and Now claims.

The Cool and Ridge claims are situated on the western boundary of a group of claims where geophysical surveys, trenching and diamond drilling programs have outlined gold bearing shear zones (Folk, 1987; Konkin, 1990). It is possible that additional information gathered on the claims to the east may demonstrate the merit of further work on the Cool and Ridge claims. However, based on results to-date, no further work is warranted on these latter claims.



*Peter Lougheed*

→ note only Au values in excess of <5 ppb plotted

Fig. 5 1992 SOIL GEOCHEMICAL SURVEY WITH GOLD RESULTS (PPB)

**REFERENCES**

FOLK, P., 1987. "Geological, Geochemical and Geophysical Report on the Castle Claim Group". Exploration Report for Kappa Resources Corporation and Teck Corporation, October 1987.

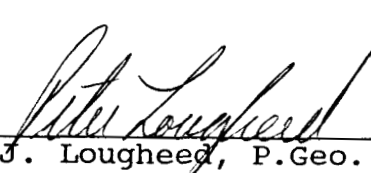
KONKIN, K.J., 1990. "Trenching Report on the Castle Claim Group, Iskut, British Columbia". Exploration Report for Triumph Resources Ltd. (1992 name change to Jericho Resources Ltd.) and Teck Corporation, November 1990.

\_\_\_\_\_, 1990. "Geochemical Silt Sampling and Geology Report on the What Now Claims". Exploration Report for Triumph Resources Ltd. (1992 name change to Jericho Resources Ltd.) and Teck Corporation, November 1990.

## STATEMENT OF QUALIFICATIONS

I, Peter J. Lougheed of North Vancouver, British Columbia do hereby certify that:

1. I am currently a Senior Geologist with Prime Explorations having a business address at 11th Floor, 808 West Hastings St., Vancouver, British Columbia.
2. I hold a Bachelor of Science Degree in Geology from McMaster University in Hamilton, Ontario, and a Master of Science Degree in Geology from the University of Western Ontario in London, Ontario.
3. I have practised my profession in mineral exploration continuously since graduation.
4. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registered as Professional Geoscientist.
5. I am a Fellow of the Geological Association of Canada.
6. The information contained herein is based on field supervision of the exploration program and a review of existing technical data.
7. I have no interest in the property, nor do I beneficially own directly or indirectly any securities of Jericho Resources Ltd.
8. I consent to and authorize the use of this report in any public document.

  
Peter J. Lougheed, P.Ge., F.G.A.C.



Signed and dated this 26<sup>th</sup> day of November, 1992 at Vancouver, British Columbia.



## STATEMENT OF QUALIFICATIONS

I, Mark T. Lapointe, of 711 Courtenay Road, Gibsons, British Columbia do hereby certify that:

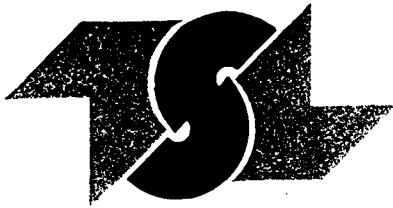
1. I am currently a consulting geologist with a business address at 711 Courtenay Road, Gibsons, British Columbia, V0N 1V0.
2. I hold a Bachelor of Science Degree in Geology from Lake Superior State University in Sault Ste Marie, Michigan.
3. I have practised my profession in mineral exploration continuously since graduation.
4. The information contained herein is based on field supervision of the exploration program and a review of existing technical data.
5. I have no interest in the property, nor do I beneficially own directly or indirectly any securities of Jericho Resources Ltd.
6. I consent to and authorize the use of this report in any public document.

  
\_\_\_\_\_  
Mark T. Lapointe, B.Sc.

Signed and dated this 19th day of November, 1992 at Vancouver, British Columbia.

**A P P E N D I X    I**

**Rock Sample Results - Cool, Ridge Claims**



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10th Floor - Box 10  
808 West Hastings Street  
Vancouver, B.C. V6C 2X6

REPORT No.  
S4687

INVOICE #: 19924  
P.O.: 2S-270

SAMPLE(S) OF Rock

M. LaPointe  
Project: Castle

	Au ozt	Ag ozt	Cu %	Pb %	Zn %	OUTCROP No.	CLAIM
6928	<.001	<.05	<.01	<.01	.01	081592-1	COOL
6929	<.001	.05	<.01	<.01	.01	081592-2	
6930	<.001	.07	<.01	<.01	.02	081592-3	
6931	<.001	.07	.01	<.01	.02	081592-3	
6932	<.001	<.05	<.01	<.01	.02	081692-1	
6933	<.001	<.05	<.01	<.01	.01	081692-2	RIDGE
6934	<.001	.09	<.01	.01	.02	081792-1	

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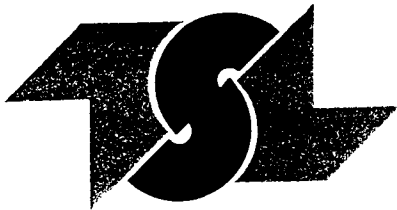
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**A P P E N D I X   I I**

**Soil Sample Results - What, Now Claims**



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REPORT No.  
S4708

INVOICE #: 20020  
P.O.: PN:Castle2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

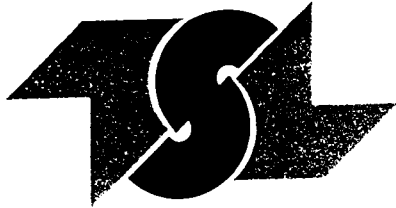
	Au ppb
LC-0 0+00	<5
LC-0 0+50S	<5
LC-0 1+00S	<5
LC-0 1+50S	<5
LC-0 2+00S	<5
LC-0 2+50S	<5
LC-0 3+00S	<5
LC-0 3+50S	<5
LC-0 4+00S	<5
LC-0 4+50S	<5
LC-0 5+00S	<5
LC-0 5+50S	<5
LC-0 6+00S	<5
LC-0 6+50S	<5
LC-0 7+00S	<5
LC-0 7+50S	<5
LC-0 8+00S	<5
LC-0 8+50S	<5
LC-0 9+00S	<5
LC-0 9+50S	<5

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INVOICE #: 20020  
P.O.: PN:Castle2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

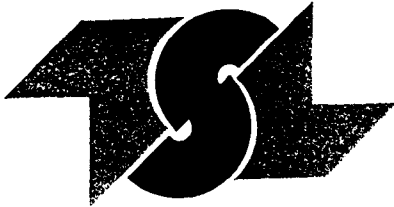
	Au ppb
LC-0 10+00S	<5
LC-0 10+50S	<5
LC-0 11+00S	<5
LC-0 11+50S	<5
LC-0 12+00S	<5
LC-0 12+50S	<5
LC-0 13+00S	10
LC-0 13+50S	<5
LC-0 14+00S	<5
LC-0 14+50S	<5
LC-0 15+00S	<5

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REPORT No.  
S4710

INVOICE #: 20021  
P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

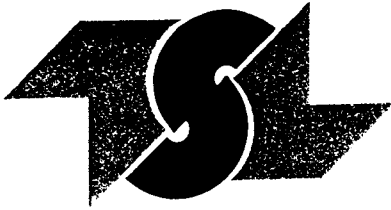
	Au ppb
LC-0 15+50S	NRecd
LC-0 16+50S	<5
LC-0 17+00S	<5
LC-0 17+50S	<5
LC-0 18+00S	<5
LC-0 18+50S	<5
LC-0 19+00S	<5
LC-0 19+50S	<5
LC-0 20+00S	<5
LC-0 20+50S	<5
LC-0 21+00S	25
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LC-0 23+50S	<5
LC-0 24+00S	<5
LC-0 24+50S	5
LC-0 25+00S	<5
LC-1 0+00S	<5

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REPORT No.  
S4710

INVOICE #: 20021  
P.O.: 2S-277

SAMPLE(S) OF    Soils

P. Lougheed  
Project: Castle

	Au ppb
LC-1 0+50S	<5
LC-1 1+00S	<5
LC-1 1+50S	<5
LC-1 2+00S	<5
LC-1 2+50S	<5
LC-1 3+00S	<5
LC-1 3+50S	<5
LC-1 4+00S	<5
LC-1 4+50S	5
LC-1 5+00S	<5
LC-1 5+50S	<5
LC-1 6+00S	<5
LC-1 7+00S	<5
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LC-1 10+50S	10

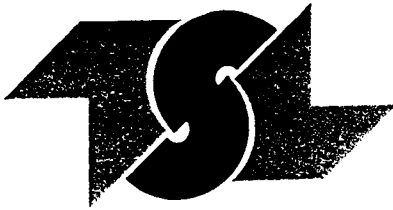
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P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

	Au ppb
LC-1 11+00S	<5
LC-1 12+50S	<5
LC-1 13+00S	<5
LC-1 13+50S	<5
LC-1 14+00S	<5
LC-1 14+50S	<5
LC-1 15+00S	<5
LC-1 15+50S	<5
LC-1 16+00S	<5
LC-1 16+50S	<5
LC-1 17+00S	<5
LC-1 17+50S	<5
LC-1 18+00S	5
LC-1 18+50S	5
LC-1 19+00S	5
LC-1 19+50S	5
LC-1 20+00S	5
LC-1 20+50S	<5
LC-1 21+00S	5
LC-1 21+50S	<5

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2 - 302 - 48th STREET, EAST  
SASKATOON, SASKATCHEWAN  
S7K 6A4

☎ (306) 931-1033 FAX: (306) 242-4717

## CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM Prime Explorations Ltd.  
10th Floor - Box 10  
808 West Hastings Street  
Vancouver, B.C. V6C 2X6

REPORT No.  
S4710

INVOICE #: 20021  
P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

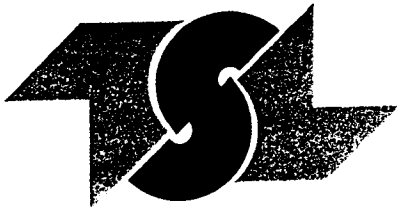
	Au ppb
LC-1 22+00S	<5
LC-1 22+50S	<5
LC-1 23+00S	<5
LC-1 23+50S	<5
LC-1 24+00S	5
LC-1 24+50S	<5
LC-1 25+00S	<5
LC-2 0+00S	<5
LC-2 0+50S	<5
LC-2 1+00S	<5
LC-2 1+50S	<5
LC-2 2+00S	<5
LC-2 2+50S	<5
LC-2 3+00S	<5
LC-2 3+50S	<5
LC-2 4+00S	<5
LC-2 4+50S	<5
LC-2 5+00S	<5
LC-2 5+50S	<5
LC-2 6+00S	<5

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S7K 6A4

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REPORT No.  
S4710

INVOICE #: 20021  
P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

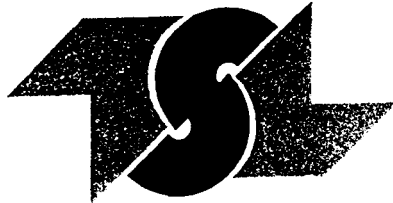
	Au ppb
LC-2 6+50S	<5
LC-2 7+00S	<5
LC-2 7+50S	<5
LC-2 8+00S	<5
LC-2 8+50S	<5
LC-2 9+00S	<5
LC-2 9+50S	<5
LC-2 10+00S	<5
LC-2 10+50S	<5
LC-2 11+00S	10
LC-2 11+50S	<5
LC-2 12+00S	5
LC-2 12+50S	<5
LC-2 13+00S	<5
LC-2 13+50S	<5
LC-2 14+00S	<5
LC-2 14+50S	<5
LC-2 15+00S	<5
LC-2 15+50S	<5
LC-2 16+00S	<5

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REPORT No.  
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INVOICE #: 20021  
P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

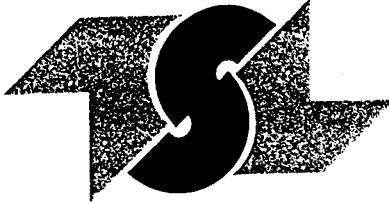
	Au ppb
LC-2 16+50S	<5
LC-2 17+00S	<5
LC-2 17+50S	<5
LC-2 18+00S	<5
LC-2 18+50S	<5
LC-2 19+00S	<5
LC-2 19+50S	<5
LC-2 20+00S	<5
LC-2 20+50S	10
LC-2 21+00S	<5
LC-2 21+50S	5
LC-2 22+00S	5
LC-2 22+50S	<5
LC-2 23+00S	15
LC-2 23+50S	<5
LC-2 24+00S	<5
LC-2 24+50S	5
LC-2 25+00S	50

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REPORT No.  
S4853

INVOICE #: 20091  
P.O.: PN:Castle2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

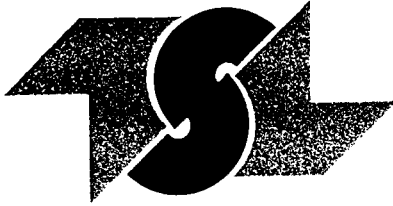
	As ppm
LC-0 0+00	37
LC-0 0+50S	23
LC-0 1+00S	24
LC-0 1+50S	14
LC-0 2+00S	18
LC-0 2+50S	7
LC-0 3+00S	10
LC-0 3+50S	23
LC-0 4+00S	22
LC-0 4+50S	15
LC-0 5+00S	20
LC-0 5+50S	22
LC-0 6+00S	29
LC-0 6+50S	13
LC-0 7+00S	11
LC-0 7+50S	30
LC-0 8+00S	14
LC-0 8+50S	16
LC-0 9+00S	29
LC-0 9+50S	15

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Vancouver, B.C. V6C 2X6

REPORT No.  
S4853

INVOICE #: 20091  
P.O.: PN:Castle2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

	As ppm
LC-0 10+00S	14
LC-0 10+50S	12
LC-0 11+00S	11
LC-0 11+50S	10
LC-0 12+00S	23
LC-0 12+50S	19
LC-0 13+00S	10
LC-0 13+50S	8
LC-0 14+00S	6
LC-0 14+50S	9
LC-0 15+00S	11

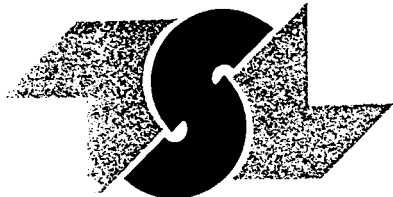
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S7K 6A4

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Vancouver, B.C. V6C 2X6

REPORT No.  
S4852

SAMPLE(S) OF Soils

INVOICE #: 20090  
P.O.: 2S-277

P. Lougheed  
Project: Castle

	As ppm
LC-0 15+00S	NRecd
LC-0 16+50S	11
LC-0 17+00S	10
LC-0 17+50S	10
LC-0 18+00S	7
LC-0 18+50S	8
LC-0 19+00S	12
LC-0 19+50S	13
LC-0 20+00S	20
LC-0 20+50S	12
LC-0 21+00S	13
LC-0 21+50S	11
LC-0 22+00S	14
LC-0 22+50S	7
LC-0 23+00S	12
LC-0 23+50S	10
LC-0 24+00S	11
LC-0 24+50S	9
LC-0 25+00S	13
LC-1 0+00S	6

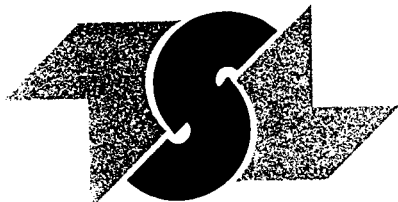
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S7K 6A4

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Vancouver, B.C. V6C 2X6

REPORT No.  
S4852

SAMPLE(S) OF Soils

INVOICE #: 20090  
P.O.: 2S-277

P. Lougheed  
Project: Castle

	As ppm
LC-1 0+50S	8
LC-1 1+00S	14
LC-1 1+50S	17
LC-1 2+00S	8
LC-1 2+50S	8
LC-1 3+00S	12
LC-1 3+50S	14
LC-1 4+00S	11
LC-1 4+50S	12
LC-1 5+00S	11
LC-1 5+50S	18
LC-1 6+00S	23
LC-1 7+00S	5
LC-1 7+50S	23
LC-1 8+00S	10
LC-1 8+50S	9
LC-1 9+00S	7
LC-1 9+50S	16
LC-1 10+00S	18
LC-1 10+50S	10

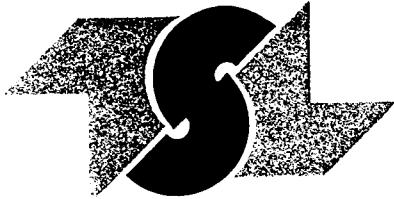
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SAMPLE(S) OF Soils

INVOICE #: 20090  
P.O.: 2S-277

P. Lougheed  
Project: Castle

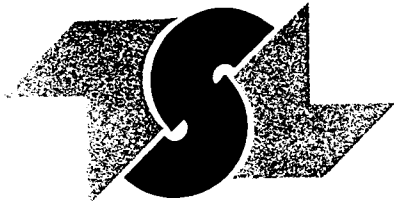
	As ppm
LC-1 11+00S	98
LC-1 12+50S	12
LC-1 13+00S	13
LC-1 13+50S	10
LC-1 14+00S	9
LC-1 14+50S	10
LC-1 15+00S	11
LC-1 15+50S	9
LC-1 16+00S	11
LC-1 16+50S	7
LC-1 17+00S	7
LC-1 17+50S	9
LC-1 18+00S	11
LC-1 18+50S	12
LC-1 19+00S	15
LC-1 19+50S	12
LC-1 20+00S	12
LC-1 20+50S	20
LC-1 21+00S	10
LC-1 21+50S	9

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REPORT No.  
S4852

SAMPLE(S) OF Soils

INVOICE #: 20090  
P.O.: 2S-277

P. Lougheed  
Project: Castle

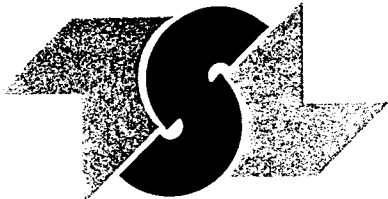
	As ppm
LC-1 22+00S	7
LC-1 22+50S	9
LC-1 23+00S	6
LC-1 23+50S	11
LC-1 24+00S	10
LC-1 24+50S	12
LC-1 25+00S	8
LC-2 0+00S	8
LC-2 0+50S	41
LC-2 1+00S	31
LC-2 1+50S	9
LC-2 2+00S	6
LC-2 2+50S	11
LC-2 3+00S	13
LC-2 3+50S	11
LC-2 4+00S	16
LC-2 4+50S	5
LC-2 5+00S	20
LC-2 5+50S	15
LC-2 6+00S	42

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S4852

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INVOICE #: 20090  
P.O.: 2S-277

P. Lougheed  
Project: Castle

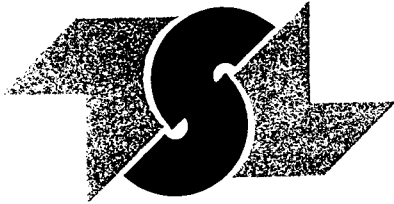
	As ppm
LC-2 6+50S	16
LC-2 7+00S	18
LC-2 7+50S	12
LC-2 8+00S	5
LC-2 8+50S	3
LC-2 9+00S	4
LC-2 9+50S	5
LC-2 10+00S	7
LC-2 10+50S	6
LC-2 11+00S	13
LC-2 11+50S	14
LC-2 12+00S	16
LC-2 12+50S	4
LC-2 13+00S	7
LC-2 13+50S	2
LC-2 14+00S	5
LC-2 14+50S	8
LC-2 15+00S	6
LC-2 15+50S	7
LC-2 16+00S	5

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S4852

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P.O.: 2S-277

SAMPLE(S) OF Soils

P. Lougheed  
Project: Castle

	As ppm
LC-2 16+50S	7
LC-2 17+00S	3
LC-2 17+50S	9
LC-2 18+00S	10
LC-2 18+50S	8
LC-2 19+00S	2
LC-2 19+50S	4
LC-2 20+00S	5
LC-2 20+50S	9
LC-2 21+00S	10
LC-2 21+50S	6
LC-2 22+00S	24
LC-2 22+50S	5
LC-2 23+00S	27
LC-2 23+50S	9
LC-2 24+00S	18
LC-2 24+50S	15
LC-2 25+00S	120

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Laboratoires TSL/ASSAYERS Laboratories

PRIME EXPLORATIONS LTD

VANCOUVER B.C.

S4708

ATTN: P. LOUGHEED

PROJ.: ~~TTUC~~ Triumph Castle  
What, Now claims

780 AV. DU CUIVRE C.P. 665 ROUYN-NORANDA QUEBEC J9X 5C6

PHONE #: 819-797-4653

FAX #: 819-797-4501

REPORT No. : T1958

Page No. : 1 of 1

File No. : SE10MA

Date : SEP-22-1992

I.C.A.P. PLASMA SCAN

CORRECTED COPY

SAMPLE #	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
LC-0 0+00	1	0.66	40	< 10	340	< 1	< 5	0.47	2	21	10	75	5.1	0.38	2100	< 2	0.01	24	1400	18	< 5	8	< 10	21	88	46	< 10	15	62	6
LC-0 0+50S	1	1.9	30	< 10	350	1	< 5	0.35	1	20	17	68	5.0	0.61	2600	< 2	0.01	27	1300	24	< 5	3	< 10	17	150	69	< 10	14	110	12
LC-0 1+00S	1	1.7	45	< 10	180	< 1	< 5	0.42	2	21	19	110	4.7	0.69	1900	< 2	0.01	23	1400	22	< 5	11	< 10	22	140	97	< 10	23	120	11
LC-0 1+50S	1	1.6	25	< 10	160	< 1	5	0.24	2	14	20	57	5.2	0.35	1800	< 2	0.01	13	1000	17	< 5	1	< 10	15	160	87	< 10	9	100	4
LC-0 2+00S	1	1.7	30	< 10	200	1	< 5	0.33	< 1	23	19	93	4.6	0.44	2400	< 2	0.01	19	1400	25	< 5	3	< 10	18	180	65	< 10	15	110	4
LC-0 2+50S	< 1	2.6	15	< 10	69	1	< 5	0.12	< 1	16	37	38	4.7	0.75	720	< 2	0.02	64	800	11	< 5	6	< 10	6	2000	68	< 10	19	110	33
LC-0 3+00S	< 1	3.1	20	< 10	90	2	< 5	0.27	< 1	14	21	40	4.1	0.49	1300	< 2	0.02	28	710	13	< 5	6	< 10	16	1300	62	< 10	21	110	39
LC-0 3+50S	< 1	1.3	45	< 10	190	1	< 5	0.59	< 1	18	14	99	4.8	0.43	1800	< 2	0.02	18	1800	10	< 5	9	< 10	20	220	57	< 10	20	65	9
LC-0 4+00S	1	1.7	35	< 10	180	< 1	< 5	0.52	< 1	17	17	63	4.6	0.52	1800	< 2	0.01	18	2000	12	< 5	4	< 10	22	83	82	< 10	13	78	4
LC-0 4+50S	1	3.3	45	< 10	160	3	< 5	0.16	< 1	13	20	32	4.6	0.29	870	< 2	0.02	22	710	11	< 5	3	< 10	11	400	54	< 10	24	84	52
LC-0 5+00S	1	2.3	25	< 10	170	1	< 5	0.39	1	16	29	76	4.8	0.60	1000	< 2	0.02	32	730	14	< 5	6	< 10	28	420	90	< 10	24	120	16
LC-0 5+50S	< 1	2.4	35	< 10	150	1	< 5	0.24	< 1	17	33	78	5.1	0.64	1200	< 2	0.02	35	920	13	< 5	7	< 10	15	520	93	< 10	25	110	14
LC-0 6+00S	< 1	1.6	35	< 10	65	< 1	5	0.16	2	16	16	82	5.2	0.29	900	< 2	0.02	25	970	16	< 5	4	< 10	11	140	130	< 10	10	160	16
LC-0 6+50S	< 1	3.0	20	< 10	170	2	< 5	0.24	< 1	12	19	40	3.8	0.44	760	< 2	0.02	30	390	10	< 5	4	< 10	16	1400	57	< 10	14	150	41
LC-0 7+00S	< 1	2.1	15	< 10	150	2	< 5	0.15	< 1	11	19	41	3.6	0.48	840	< 2	0.01	31	450	8	< 5	3	< 10	9	1100	50	< 10	15	120	26
LC-0 7+50S	< 1	2.5	35	< 10	140	1	< 5	0.20	< 1	14	27	54	4.4	0.56	1200	< 2	0.02	31	710	12	< 5	5	< 10	11	900	88	< 10	18	120	22
LC-0 8+00S	< 1	4.0	15	< 10	120	2	< 5	0.12	< 1	11	27	48	4.4	0.42	880	< 2	0.02	27	590	7	< 5	5	< 10	7	1500	64	< 10	21	110	48
LC-0 8+50S	< 1	2.5	20	< 10	150	1	< 5	0.18	1	18	35	61	4.9	0.78	1300	< 2	0.02	52	970	7	< 5	8	< 10	10	1800	90	< 10	20	120	35
LC-0 9+00S	< 1	2.1	45	< 10	210	< 1	< 5	0.30	< 1	20	34	83	5.0	0.78	1700	< 2	0.02	38	1300	18	< 5	10	< 10	14	630	130	< 10	21	110	18
LC-0 9+50S	< 1	1.8	30	< 10	230	< 1	< 5	0.35	2	16	27	68	4.5	0.75	940	< 2	0.02	35	940	11	< 5	7	< 10	16	750	89	< 10	16	130	21
LC-0 10+00S	< 1	1.9	20	< 10	260	< 1	10	0.37	2	17	29	72	4.5	0.71	1400	< 2	0.02	40	910	9	< 5	7	< 10	18	650	91	< 10	19	140	13
LC-0 10+50S	< 1	1.8	30	< 10	230	< 1	< 5	0.21	1	15	26	51	4.3	0.58	1300	< 2	0.02	25	680	11	< 5	3	< 10	13	390	86	< 10	7	98	9
LC-0 11+00S	< 1	1.8	35	< 10	350	< 1	10	0.47	< 1	18	32	82	4.5	0.76	1400	< 2	0.02	34	950	3	< 5	10	< 10	22	300	110	< 10	18	93	11
LC-0 11+50S	< 1	2.0	25	< 10	280	1	5	0.32	< 1	15	28	43	4.1	0.49	1500	< 2	0.02	24	690	8	< 5	4	< 10	22	820	81	< 10	15	65	19
LC-0 12+00S	< 1	2.4	25	< 10	160	< 1	10	0.41	< 1	24	54	100	5.4	0.88	1600	< 2	0.02	36	1400	13	< 5	13	< 10	20	330	150	< 10	20	110	14
LC-0 12+50S	< 1	1.8	25	< 10	180	< 1	5	0.50	< 1	16	30	96	4.5	0.75	1100	< 2	0.02	33	1000	7	< 5	8	< 10	24	510	88	< 10	17	88	11
LC-0 13+00S	< 1	2.3	20	< 10	110	< 1	< 5	0.44	< 1	19	56	91	4.7	0.79	1000	< 2	0.02	53	960	4	< 5	12	< 10	29	1200	120	< 10	21	100	25
LC-0 13+50S	< 1	2.1	30	< 10	180	< 1	< 5	0.48	< 1	19	44	85	4.4	0.70	1200	< 2	0.02	51	660	7	< 5	10	< 10	23	1700	110	< 10	19	87	21
LC-0 14+00S	< 1	1.5	25	< 10	130	< 1	< 5	0.20	< 1	10	23	32	3.8	0.47	860	< 2	0.02	28	480	8	< 5	2	< 10	12	1300	76	< 10	6	50	19
LC-0 14+50S	< 1	2.5	35	< 10	200	1	10	0.31	< 1	15	36	57	4.5	0.58	1200	< 2	0.02	37	610	7	< 5	8	< 10	20	1700	93	< 10	18	70	26
LC-0 15-00S	< 1	0.60	15	< 10	170	1	5	2.8	< 1	28	10	160	6.1	0.25	1500	< 2	0.02	21	1500	9	< 5	13	< 10	92	71	71	< 10	14	140	9

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3  
at 95 C for 90 min and diluted to 10 ml with DI H2O  
This method is partial for many oxide materials

SIGNED :

*Dennis Pilipich*

Laboratoires TSL ASSIERS LABORATORIES

780 AV. DU CUIVRE C.P. 665 ROUYN-NORANDA QUEBEC J9X 5C6

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REPORT No. : T1960

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Date : SEP-22-1992

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S4710

ATTN: P. LOUGHEED

PROJ.: CASTLE Project (TRIUMPH)

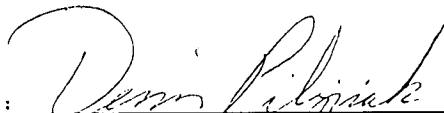
What, Now CLAIMS

I.C.A.P. PLASMA SCAN

CORRECTED COPY

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
0-0 15+00S	Not Received																													
0-0 16+50S	< 1	2.30	< 5	< 10	387	1	< 5	0.66	< 1	16	45	81	4.60	0.74	831	< 2	0.02	55	884	7	< 5	10	< 10	30	806	105	< 10	21	108	20
0-0 17+00S	< 1	2.26	< 5	< 10	327	1	< 5	0.46	< 1	15	46	83	4.46	0.72	999	< 2	0.02	57	794	4	< 5	10	< 10	23	999	99	< 10	21	99	15
0-0 17+50S	< 1	2.82	< 5	< 10	308	2	< 5	0.30	< 1	17	37	86	5.16	0.70	1335	< 2	0.02	45	1204	4	< 5	11	< 10	13	1031	111	< 10	22	105	18
0-0 18+00S	< 1	2.42	< 5	< 10	273	1	< 5	0.38	< 1	14	27	68	4.52	0.72	840	< 2	0.04	35	914	6	< 5	6	< 10	17	421	93	< 10	13	99	9
0-0 18+50S	< 1	3.08	< 5	< 10	202	1	< 5	0.36	< 1	15	44	56	4.68	0.72	840	< 2	0.04	46	966	2	< 5	9	< 10	19	1532	106	< 10	16	88	17
0-0 19+00S	< 1	2.54	< 5	< 10	198	1	< 5	0.34	< 1	15	43	75	4.38	0.70	963	< 2	0.02	49	976	3	5	8	< 10	18	816	105	< 10	12	84	12
0-0 19+50S	< 1	2.08	< 5	< 10	208	1	10	0.48	< 1	15	36	81	4.58	0.70	1090	< 2	0.02	34	996	4	< 5	9	< 10	22	1125	117	< 10	19	101	26
0-0 20+00S	< 1	2.24	10	< 10	111	< 1	10	0.36	< 1	21	37	79	5.14	0.92	960	< 2	0.04	57	976	5	15	9	< 10	14	1205	118	< 10	13	113	22
0-0 20+50S	< 1	2.46	10	< 10	244	1	< 5	0.56	< 1	16	46	98	4.88	0.74	1041	< 2	0.04	54	894	3	5	10	< 10	32	1721	116	< 10	23	104	38
0-0 21+00S	< 1	2.70	< 5	< 10	89	2	< 5	0.54	< 1	13	34	47	4.00	0.56	1077	< 2	0.02	33	662	3	< 5	5	< 10	20	1136	85	< 10	19	78	21
0-0 21+50S	< 1	2.68	< 5	< 10	96	2	< 5	0.42	< 1	14	33	66	4.54	0.68	1206	< 2	0.02	36	746	3	< 5	6	10	17	1133	115	< 10	15	95	16
0-0 22+00S	< 1	2.74	< 5	< 10	117	2	< 5	0.38	< 1	11	32	37	3.82	0.46	1125	< 2	0.04	22	796	6	< 5	4	< 10	20	1132	95	< 10	11	69	18
0-0 22+50S	< 1	2.58	< 5	< 10	187	< 1	< 5	0.32	< 1	15	27	77	4.24	0.64	1237	< 2	0.02	29	1038	4	< 5	5	< 10	19	546	115	< 10	9	81	10
0-0 23+00S	< 1	3.18	< 5	< 10	88	1	10	0.18	< 1	9	33	71	4.16	0.50	604	< 2	0.02	28	782	4	5	4	< 10	11	812	79	< 10	11	85	16
0-0 23+50S	< 1	2.64	5	< 10	201	1	< 5	0.30	< 1	14	37	54	4.46	0.64	1041	< 2	0.02	35	938	4	< 5	3	< 10	16	620	97	< 10	13	98	7
0-0 24+00S	< 1	2.98	5	< 10	228	1	< 5	0.28	< 1	15	42	41	4.48	0.60	961	< 2	0.02	41	990	2	5	6	< 10	21	1047	86	< 10	16	86	15
0-0 24+50S	< 1	3.46	5	< 10	510	2	< 5	0.58	< 1	12	40	69	4.10	0.58	797	< 2	0.02	35	1420	< 1	< 5	5	< 10	33	588	77	< 10	58	65	16
0-0 25+00S	< 1	3.10	< 5	< 10	106	2	< 5	0.28	< 1	10	31	27	4.12	0.40	882	< 2	0.02	23	858	3	5	3	10	17	1289	76	< 10	10	74	16
0-1 0+00S	< 1	2.78	< 5	< 10	299	2	< 5	0.62	< 1	14	42	101	4.80	0.74	965	< 2	0.04	46	1014	2	5	10	< 10	27	1579	113	< 10	23	103	22
0-1 0+50S	< 1	3.18	10	< 10	88	< 1	5	0.48	< 1	13	23	43	3.96	0.66	995	< 2	0.04	20	1398	2	< 5	4	< 10	23	517	105	< 10	10	84	8
0-1 1+00S	< 1	2.96	< 5	< 10	105	1	< 5	0.28	< 1	21	38	82	5.32	0.70	1785	< 2	0.02	38	1044	3	< 5	8	< 10	12	1222	104	< 10	15	104	15
0-1 1+50S	1	3.02	5	< 10	172	2	< 5	0.26	< 1	22	38	55	5.64	0.60	3169	< 2	0.02	31	1026	10	< 5	7	< 10	14	1447	99	< 10	14	125	20
0-1 2+00S	< 1	4.56	5	< 10	138	3	< 5	0.24	< 1	14	29	32	4.48	0.56	1030	< 2	0.04	44	790	1	5	4	< 10	11	1308	61	< 10	16	123	38
0-1 2+50S	< 1	4.28	< 5	< 10	101	3	< 5	0.20	< 1	8	32	18	4.40	0.30	743	< 2	0.02	22	570	2	5	4	10	12	2211	63	20	14	66	56
0-1 3+00S	< 1	3.44	20	< 10	269	2	< 5	0.46	< 1	17	43	56	4.64	0.46	1601	< 2	0.02	34	1012	3	< 5	4	10	25	540	87	< 10	24	125	10
0-1 3+50S	< 1	4.96	< 5	< 10	130	3	< 5	0.16	< 1	12	33	32	5.02	0.36	1101	< 2	0.04	25	506	5	5	5	< 10	9	2040	53	10	23	106	69
0-1 4+00S	1	3.00	< 5	< 10	178	1	< 5	0.12	< 1	15	33	48	4.84	0.52	1605	< 2	0.02	21	790	6	< 5	3	< 10	9	332	107	< 10	13	115	6
0-1 4+50S	1	2.50	10	< 10	175	1	< 5	0.46	< 1	20	29	67	4.90	0.64	1552	< 2	0.02	27	966	9	< 5	5	< 10	20	268	104	< 10	13	118	7
0-1 5+00S	< 1	2.34	< 5	< 10	104	2	< 5	0.32	< 1	27	49	56	5.66	0.98	1235	< 2	0.04	98	776	2	5	6	< 10	13	2906	93	< 10	15	118	26
0-1 5+50S	2	2.52	25	< 10	131	< 1	< 5	0.36	< 1	25	29	86	5.32	0.80	1942	< 2	0.02	27	1080	11	< 5	8	< 10	15	231	126	< 10	12	106	10
0-1 6+00S	< 1	1.82	< 5	< 10	282	2	5	0.44	< 1	25	44	55	5.12	0.98	1023	< 2	0.04	105	658	< 1	< 5	6	< 10	19	3559	71	< 10	15	100	57
0-1 7+00S	< 1	2.56	< 5	< 10	300	1	< 5	0.44	< 1	15	39	33	4.60	0.70	1003	< 2	0.04	47	826	2	< 5	5	< 10	19	981	80	< 10	14	94	13
0-1 7+50S	< 1	2.60	10	< 10	900	1	< 5	0.38	< 1	16	42	70	4.76	0.72	1693	< 2	0.02	49	504	4	5	10	< 10	20	1050	81	< 10	21	94	14
0-1 8+00S	< 1	2.58	5	< 10	336	2	< 5	0.40	< 1	19	40	37	4.78	0.84	1375	< 2	0.04	77	612	3	10	5	< 10	18	2116	64	< 10	18	102	23

.5 gm sample is digested with 2 ml of 3:1 HCL/HNO3  
 at 95 C for 90 min and diluted to 10 ml with DI H2O  
 this method is partial for many oxide materials

SIGNED : 

LABORATOIRES ISM/ASSAYERS LABORATORIES

780 AV. DU CUIVRE C.P. 665 ROUYN-NORANDA QUEBEC J9X 5C6

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REPORT No. : T1960

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File No. : SE15MB

Date : SEP-22-1992

PRIME EXPLORATIONS LTD

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ATTN:P.LOUGHEED

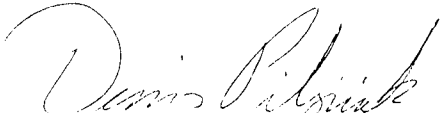
PROJ.:CASTLE

I.C.A.P. PLASMA SCAN

CORRECTED COPY

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
LC-1 8+50S	< 1	3.24	< 5	< 10	255	2	< 5	0.28	< 1	14	35	30	4.40	0.56	1116	< 2	0.04	40	902	3	< 5	4	< 10	16	1336	71	< 10	12	100	24
LC-1 9+00S	< 1	2.00	15	< 10	116	1	< 5	0.54	< 1	17	31	35	4.38	0.44	1658	< 2	0.02	29	934	10	< 5	3	10	25	1015	80	< 10	11	99	11
LC-1 9+50S	1	2.78	30	< 10	264	1	< 5	0.30	< 1	28	58	72	5.74	0.80	1570	< 2	0.02	60	558	8	< 5	8	< 10	22	641	109	< 10	15	124	10
LC-1 10+00S	1	2.76	< 5	< 10	151	< 1	< 5	0.48	< 1	30	127	79	6.70	0.94	2202	< 2	0.02	68	1312	13	10	12	< 10	60	217	147	< 10	20	95	12
LC-1 10+50S	< 1	2.50	10	< 10	165	1	< 5	0.30	< 1	22	49	46	5.12	0.78	1535	< 2	0.04	54	842	5	10	7	< 10	24	1091	114	< 10	10	81	11
LC-1 11+00S	2	1.70	90	< 10	167	< 1	< 5	0.78	< 1	31	31	152	5.98	0.74	1508	< 2	0.02	41	998	18	< 5	14	< 10	28	200	96	< 10	16	102	12
LC-1 12+50S	1	2.60	< 5	< 10	236	1	< 5	1.50	< 1	17	36	83	4.34	0.54	2152	< 2	0.02	24	1190	7	< 5	4	< 10	50	429	110	< 10	22	96	13
LC-1 13+00S	< 1	3.02	10	< 10	199	2	< 5	0.30	< 1	17	44	69	4.94	0.66	960	< 2	0.04	52	736	4	< 5	6	< 10	16	1211	107	< 10	12	98	17
LC-1 13+50S	< 1	2.68	5	< 10	300	1	< 5	0.50	< 1	19	52	85	5.54	0.84	1192	< 2	0.02	51	978	4	< 5	12	< 10	19	715	123	< 10	22	108	15
LC-1 14+00S	< 1	3.26	< 5	< 10	345	2	< 5	0.52	< 1	19	59	85	5.38	0.80	1430	< 2	0.02	53	820	4	< 5	13	< 10	25	894	125	< 10	18	94	19
LC-1 14+50S	2	3.10	10	< 10	430	2	< 5	0.70	< 1	22	56	102	5.74	0.78	4335	< 2	0.02	42	580	6	< 5	39	< 10	31	798	140	< 10	49	88	38
LC-1 15+00S	< 1	2.84	10	< 10	587	1	< 5	0.32	< 1	21	31	117	5.26	0.70	1435	< 2	0.02	28	962	3	< 5	7	< 10	16	134	125	< 10	8	83	12
LC-1 15+50S	< 1	2.78	20	< 10	506	1	< 5	0.84	< 1	17	44	82	5.34	0.74	786	< 2	0.02	48	842	4	< 5	10	< 10	35	746	114	< 10	26	110	17
LC-1 16+00S	1	3.44	< 5	< 10	514	1	5	0.52	< 1	15	50	87	5.12	0.70	886	< 2	0.02	48	884	3	< 5	9	< 10	33	448	109	< 10	23	122	15
LC-1 16+50S	< 1	2.72	< 5	< 10	231	1	5	0.28	< 1	11	47	34	4.76	0.46	811	< 2	0.02	29	852	5	5	3	10	25	692	108	< 10	12	69	12
LC-1 17+00S	< 1	3.40	20	< 10	177	2	< 5	0.68	< 1	8	38	37	4.00	0.36	564	< 2	0.04	18	778	4	< 5	5	10	33	1171	86	< 10	22	55	31
LC-1 17+50S	< 1	2.84	10	< 10	198	< 1	< 5	0.26	< 1	13	41	74	4.82	0.60	798	< 2	0.02	33	1128	6	5	6	< 10	17	524	123	< 10	13	91	10
LC-1 18+00S	< 1	3.06	< 5	< 10	265	2	< 5	0.34	< 1	17	46	78	5.28	0.70	1058	< 2	0.02	43	924	1	< 5	8	< 10	23	1763	119	< 10	19	109	24
LC-1 18+50S	< 1	2.76	15	< 10	165	2	< 5	0.28	< 1	18	50	73	5.72	0.74	945	< 2	0.02	52	1042	4	< 5	9	< 10	17	1745	127	< 10	19	123	35
LC-1 19+00S	1	2.60	25	< 10	265	1	< 5	0.58	< 1	20	35	110	5.32	0.80	1317	< 2	0.02	41	1200	8	< 5	12	< 10	24	738	114	< 10	22	139	17
LC-1 19+50S	< 1	2.52	15	< 10	117	1	< 5	0.56	< 1	20	49	103	5.86	0.82	945	< 2	0.02	61	958	4	< 5	10	< 10	28	1609	135	< 10	17	123	23
LC-1 20+00S	< 1	2.72	< 5	< 10	130	1	< 5	0.50	< 1	18	50	76	4.92	0.74	1048	< 2	0.02	62	564	6	< 5	9	< 10	30	1306	100	< 10	14	91	18
LC-1 20+50S	1	1.84	10	< 10	104	< 1	< 5	0.56	< 1	16	23	45	3.60	0.52	1667	< 2	0.04	17	1124	6	< 5	3	< 10	31	336	77	< 10	8	95	5
LC-1 21+00S	< 1	2.56	< 5	< 10	128	1	< 5	0.62	< 1	13	33	66	3.74	0.52	1281	< 2	0.02	24	924	5	< 5	5	< 10	21	745	103	< 10	15	71	16
LC-1 21+50S	< 1	2.18	10	< 10	152	< 1	< 5	0.70	< 1	13	35	60	3.78	0.56	1088	< 2	0.02	28	1132	7	< 5	4	< 10	25	541	102	< 10	11	84	10
LC-1 22+00S	< 1	2.20	5	< 10	133	1	< 5	0.60	< 1	16	34	36	3.50	0.38	1754	< 2	0.04	17	1508	8	< 5	2	< 10	24	381	82	< 10	12	63	8
LC-1 22+50S	< 1	3.04	5	< 10	545	1	< 5	1.26	< 1	11	42	75	3.98	0.62	579	< 2	0.02	35	998	5	10	8	< 10	42	512	102	< 10	28	97	12
LC-1 23+00S	< 1	2.50	15	< 10	240	1	< 5	0.60	< 1	13	33	46	3.90	0.60	862	< 2	0.02	26	1310	5	< 5	4	< 10	26	439	84	< 10	17	84	10
LC-1 23+50S	1	2.88	5	< 10	568	1	< 5	1.12	< 1	13	35	61	3.72	0.62	1249	< 2	0.02	30	1390	2	5	5	< 10	49	178	87	< 10	16	98	11
LC-1 24+00S	< 1	2.62	10	< 10	774	< 1	< 5	1.02	< 1	17	35	63	4.62	0.78	771	< 2	0.02	46	832	2	5	7	< 10	44	439	107	< 10	13	95	11
LC-1 24+50S	< 1	2.76	20	< 10	682	1	< 5	0.74	< 1	15	30	77	4.72	0.72	1030	< 2	0.02	31	864	3	< 5	8	< 10	46	304	105	< 10	16	95	7
LC-1 25+00S	< 1	2.86	15	< 10	176	< 1	< 5	0.22	< 1	16	31	50	4.88	0.78	941	< 2	0.02	39	892	3	< 5	4	< 10	14	367	109	< 10	10	90	6
LC-2 0+00S	< 1	2.68	< 5	< 10	105	1	< 5	0.36	< 1	22	29	47	5.62	0.86	1462	< 2	0.02	36	1058	8	< 5	7	< 10	14	1280	135	< 10	16	98	13
LC-2 0+50S	< 1	4.10	25	< 10	91	3	< 5	0.26	< 1	7	33	30	4.76	0.38	400	< 2	0.02	31	586	8	< 5	3	< 10	15	1483	60	20	17	114	47
LC-2 1+00S	< 1	3.46	15	< 10	192	3	< 5	0.68	< 1	23	43	74	5.28	0.72	1463	< 2	0.04	85	744	5	5	6	< 10	36	2035	83	< 10	19	208	30

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3 at 95 C for 90 min and diluted to 10 ml with DI H2O This method is partial for many oxide materials

SIGNED : 

PRIME EXPLORATIONS LTD

VANCOUVER B.C.

S4710

ATTN:P. LOUGHEED

PROJ.:CASTLE

Laboratoires TSL/ASSAYERS Laboratories

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Date : SEP-22-1992

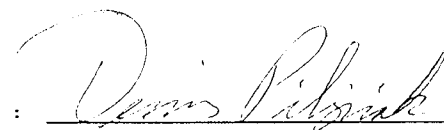
I.C.A.P. PLASMA SCAN

CORRECTED COPY

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
LC-2 1+50S	< 1	3.82	10 < 10	106	3	< 5	0.24	< 1	14	42	27	4.92	0.58	938	< 2	0.04	42	900	8	< 5	4	10	10	1489	65	20	14	97	65	
LC-2 2+00S	< 1	2.56	10 < 10	217	2	< 5	0.52	< 1	18	51	39	4.06	0.58	354	< 2	0.06	60	712	5	< 5	7	< 10	22	2386	84	< 10	20	139	34	
LC-2 2+50S	1	2.64	5 < 10	189	< 1	< 5	0.32	< 1	20	42	77	5.10	0.78	1863	< 2	0.02	31	1100	8	< 5	6	< 10	16	133	125	< 10	10	90	9	
LC-2 3+00S	< 1	2.40	15 < 10	212	< 1	< 5	0.24	< 1	17	42	48	5.38	0.64	1675	< 2	0.02	31	1044	9	< 5	3	< 10	16	149	118	< 10	7	120	4	
LC-2 3+50S	< 1	3.80	10 < 10	154	3	< 5	0.36	< 1	18	46	50	5.28	0.76	852	< 2	0.04	68	562	1	< 5	7	10	20	2073	79	< 10	21	107	37	
LC-2 4+00S	< 1	3.40	25 < 10	167	2	< 5	0.26	< 1	16	48	59	4.98	0.64	819	< 2	0.02	33	866	7	5	6	< 10	17	416	106	10	17	106	12	
LC-2 4+50S	< 1	3.66	5 < 10	118	4	10	0.28	< 1	18	35	52	4.74	0.72	917	< 2	0.04	61	676	< 1	5	6	< 10	13	2798	59	< 10	27	114	39	
LC-2 5+00S	< 1	2.80	10 < 10	100	1	< 5	0.42	< 1	17	43	73	5.20	0.80	803	< 2	0.02	53	922	11	< 5	7	< 10	18	1581	112	< 10	14	138	23	
LC-2 5+50S	< 1	2.50	15 < 10	112	< 1	< 5	0.32	< 1	21	43	96	5.22	0.86	1330	< 2	0.04	49	1198	12	< 5	11	< 10	17	573	131	< 10	18	143	14	
LC-2 6+00S	< 1	2.52	35 < 10	167	1	< 5	0.64	< 1	19	39	111	5.78	0.84	824	< 2	0.04	43	1238	18	< 5	11	< 10	31	900	131	< 10	26	168	18	
LC-2 6+50S	< 1	1.94	15 < 10	178	< 1	< 5	0.58	< 1	20	29	87	5.06	0.80	1054	4	0.02	41	1130	18	< 5	7	< 10	25	563	118	< 10	17	138	17	
LC-2 7+00S	1	2.46	20 < 10	172	1	< 5	0.34	< 1	22	33	69	5.40	0.78	1536	< 2	0.02	37	1020	9	< 5	7	< 10	17	548	116	< 10	19	101	21	
LC-2 7+50S	< 1	2.40	25 < 10	590	2	< 5	1.00	< 1	17	34	84	4.82	0.68	1456	< 2	0.02	46	580	11	< 5	8	< 10	38	769	74	< 10	38	119	28	
LC-2 8+00S	< 1	2.32	10 < 10	433	2	< 5	0.46	< 1	15	33	40	4.76	0.76	1131	< 2	0.02	50	674	2	< 5	7	< 10	19	1370	66	< 10	27	90	28	
LC-2 8+50S	1	2.00	15 < 10	650	< 1	< 5	0.50	< 1	14	14	32	3.98	0.74	2029	< 2	0.02	11	686	3	< 5	5	< 10	14	74	57	< 10	21	65	4	
LC-2 9+00S	1	1.78	< 5 < 10	150	1	< 5	0.24	< 1	15	35	26	4.64	0.48	1562	< 2	0.02	29	402	9	< 5	2	< 10	13	924	91	< 10	7	63	20	
LC-2 9+50S	< 1	2.22	15 < 10	194	1	< 5	0.22	< 1	19	46	34	5.42	0.62	1523	< 2	0.02	36	386	11	< 5	4	< 10	14	1103	100	< 10	11	97	27	
LC-2 10+00S	< 1	2.88	15 < 10	204	2	< 5	0.42	< 1	14	34	37	4.54	0.60	854	< 2	0.02	41	500	5	< 5	4	< 10	22	1086	70	< 10	20	108	31	
LC-2 10+50S	< 1	4.30	< 5 < 10	155	3	< 5	0.24	< 1	21	44	45	5.52	0.82	1209	< 2	0.02	56	640	< 1	10	7	< 10	10	2140	87	< 10	17	125	57	
LC-2 11+00S	1	2.32	10 < 10	67	< 1	< 5	0.42	< 1	23	59	123	5.50	1.00	1057	< 2	0.02	34	1032	9	5	10	< 10	23	473	189	< 10	15	115	15	
LC-2 11+50S	2	2.02	15 < 10	41	< 1	< 5	0.62	< 1	40	102	155	7.10	1.00	1879	< 2	0.02	51	988	5	5	16	< 10	39	96	203	< 10	19	140	14	
LC-2 12+00S	2	2.84	15 < 10	59	< 1	< 5	0.50	< 1	37	80	169	7.54	1.04	1124	< 2	0.04	38	1264	8	5	16	< 10	46	224	234	< 10	14	113	15	
LC-2 12+50S	< 1	1.74	5 < 10	272	1	< 5	0.44	< 1	19	41	54	4.66	0.84	847	< 2	0.02	56	672	4	< 5	8	< 10	20	1195	85	< 10	15	103	23	
LC-2 13+00S	< 1	2.08	5 < 10	153	1	< 5	0.82	< 1	18	51	67	4.54	0.82	865	< 2	0.02	59	642	5	< 5	7	< 10	31	844	91	< 10	19	109	16	
LC-2 13+50S	< 1	1.84	10 < 10	123	< 1	< 5	0.26	< 1	16	33	45	4.96	0.68	1253	< 2	0.02	29	484	7	< 5	2	< 10	12	405	118	< 10	7	91	7	
LC-2 14+00S	< 1	2.14	10 < 10	443	1	< 5	0.40	< 1	21	43	74	5.06	0.88	1336	< 2	0.02	63	638	< 1	< 5	10	< 10	18	1126	104	< 10	18	93	21	
LC-2 14+50S	< 1	2.02	15 < 10	368	< 1	< 5	0.46	< 1	19	33	68	5.18	0.84	1054	< 2	0.02	43	840	< 1	< 5	8	< 10	19	721	117	< 10	16	94	18	
LC-2 15+00S	< 1	2.82	< 5 < 10	260	1	< 5	0.32	< 1	17	37	57	4.94	0.74	1051	< 2	0.02	45	754	< 1	10	7	< 10	16	751	101	< 10	16	93	21	
LC-2 15+50S	< 1	2.04	10 < 10	177	1	< 5	0.26	< 1	17	35	60	4.96	0.80	864	< 2	0.02	44	902	< 1	< 5	7	< 10	12	1141	103	< 10	15	106	32	
LC-2 16+00S	< 1	1.82	10 < 10	406	1	< 5	0.50	< 1	14	41	66	4.42	0.72	698	< 2	0.02	49	916	< 1	< 5	7	< 10	24	761	89	< 10	19	93	28	
LC-2 16+50S	< 1	2.20	5 < 10	356	< 1	< 5	0.44	< 1	15	33	72	4.62	0.74	720	< 2	0.02	33	804	1	< 5	5	< 10	18	228	107	< 10	14	94	10	
LC-2 17+00S	< 1	2.38	< 5 < 10	301	2	< 5	0.34	< 1	17	33	54	4.64	0.72	1219	< 2	0.02	49	434	3	< 5	5	< 10	17	859	82	< 10	14	83	21	
LC-2 17+50S	< 1	2.28	15 < 10	293	2	< 5	0.50	< 1	14	34	61	4.62	0.68	860	< 2	0.02	35	686	3	< 5	5	< 10	22	555	96	< 10	17	91	20	
LC-2 18+00S	1	1.46	15 < 10	251	< 1	5	0.52	< 1	16	33	61	4.60	0.68	876	< 2	0.02	36	996	2	< 5	6	< 10	23	696	113	< 10	15	96	23	
LC-2 18+50S	< 1	2.26	< 5 < 10	229	1	< 5	0.38	< 1	17	38	69	4.70	0.76	884	< 2	0.02	50	742	< 1	< 5	6	< 10	22	619	101	< 10	16	87	13	

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3 at 95 C for 90 min and diluted to 10 ml with DI H2O This method is partial for many oxide materials

SIGNED :





Laboratoires TSL/ASSAYERS Laboratories

780 AV. DU CUIVRE C.P. 665 ROUYN-NORANDA QUEBEC J9X 5C6

PHONE #: 819-797-4653

FAX #: 819-797-4501

REPORT No. : T1960

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Date : SEP-22-1992

PRIME EXPLORATIONS LTD

VANCOUVER B.C.

S4710

ATTN:P.LOUGHEED

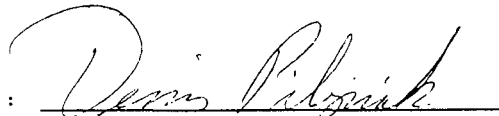
PROJ.:CASTLE

I.C.A.P. PLASMA SCAN

CORRECTED COPY

SAMPLE #	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sn	Sr	Ti	V	W	Y	Zn	Zr
LC-2 19+00S	1	1.48	< 5	< 10	194	< 1	< 5	0.36	< 1	12	22	34	3.32	0.40	1417	< 2	0.02	16	968	6	< 5	1	< 10	22	344	69	< 10	7	79	14
LC-2 19+50S	< 1	2.26	15	< 10	489	1	< 5	0.78	< 1	15	26	63	4.06	0.70	1059	< 2	0.02	30	566	1	< 5	3	< 10	27	237	78	< 10	14	71	12
LC-2 20+00S	< 1	2.44	15	< 10	281	2	< 5	0.40	< 1	10	30	38	3.76	0.48	504	< 2	0.02	22	744	4	< 5	2	< 10	24	339	68	< 10	16	69	14
LC-2 20+50S	1	2.50	10	< 10	636	1	< 5	1.04	< 1	11	42	54	4.12	0.66	502	< 2	0.02	32	608	< 1	< 5	6	< 10	81	536	78	< 10	28	107	19
LC-2 21+00S	< 1	2.60	10	< 10	214	< 1	< 5	0.42	< 1	14	31	56	4.50	0.70	844	< 2	0.02	27	826	< 1	< 5	3	< 10	22	429	93	< 10	11	98	13
LC-2 21+50S	1	2.70	< 5	< 10	180	2	< 5	0.44	< 1	10	30	43	3.76	0.56	892	< 2	0.02	31	902	2	< 5	2	< 10	27	340	61	< 10	20	70	17
LC-2 22+00S	< 1	1.36	25	< 10	410	< 1	< 5	0.82	< 1	14	17	51	3.74	0.68	714	< 2	0.02	27	948	3	< 5	4	< 10	40	262	74	< 10	18	88	7
LC-2 22+50S	< 1	1.58	5	< 10	302	< 1	< 5	0.52	< 1	11	14	36	3.18	0.48	1067	< 2	0.02	10	906	2	< 5	1	< 10	24	105	67	< 10	5	83	5
LC-2 23+00S	< 1	1.70	25	< 10	679	< 1	< 5	0.92	< 1	12	18	50	3.48	0.38	1060	< 2	0.02	16	888	< 1	< 5	3	< 10	33	129	70	< 10	13	72	6
LC-2 23+50S	< 1	1.64	< 5	< 10	659	< 1	< 5	0.90	< 1	13	18	50	3.84	0.54	886	< 2	0.02	18	832	< 1	< 5	4	< 10	31	209	83	< 10	13	75	7
LC-2 24+00S	< 1	2.38	10	< 10	549	< 1	< 5	0.74	< 1	14	32	59	4.60	0.60	1064	< 2	0.02	31	708	< 1	< 5	3	< 10	31	240	94	< 10	12	79	9
LC-2 24+50S	1	1.40	15	< 10	357	< 1	< 5	0.68	< 1	18	15	75	4.54	0.68	1098	< 2	0.02	27	996	< 1	< 5	7	< 10	28	182	101	< 10	14	90	7
LC-2 25+00S	2	1.14	155	< 10	541	< 1	< 5	0.74	2	19	13	105	4.28	0.40	1576	< 2	0.02	15	1574	5	< 5	6	< 10	30	127	75	< 10	17	77	7

A .5 gm sample is digested with 2 ml of 3:1 HCL/HNO3 at 95 C for 90 min and diluted to 10 ml with DI H2O This method is partial for many oxide materials

SIGNED : 

**A P P E N D I X   I I I**

**Statement of Expenditures, Major Invoices**

JERICO RESOURCES LTD.  
(Formerly Triumph Resources Ltd.)

CASTLE PROJECT  
Statement of Costs  
1992 Exploration Expenditures

Company	Amount
Central Mountain Air Ltd.	\$ 847.44
Chateau Bob	1,160.42
Orquest Consultants Ltd.	3,758.91
T.S.L. Laboratories Ltd.	3,915.35
V.I.H. Helicopters Ltd.	4,917.41
<b>TOTAL</b>	<b>\$ 14,599.53</b>

The above expenditures were incurred by the Company on the Castle Project.

*Peter Lougheed*  
-----  
Peter J. Lougheed, P. Geo.  
Senior Geologist, Prime Explorations



*Nov 27/92*  
-----  
Date