85-1012-14203
9/86

NTS 92F/2
Lat. 49°7'
Long. 124°42'

GEOCHEMICAL ASSESSMENT REPORT

ON THE

PAT 1 CLAIM

Franklin River - China Creek Drainage
Port Alberni, British Columbia
Alberni Mining Division

Owner: William Poole

Operator: Victoria Diego Resource Corporation

by
Peter D. Leriche, Geologist
ASHWORTH EXPLORATIONS LIMITED

submitted
October 31, 1985

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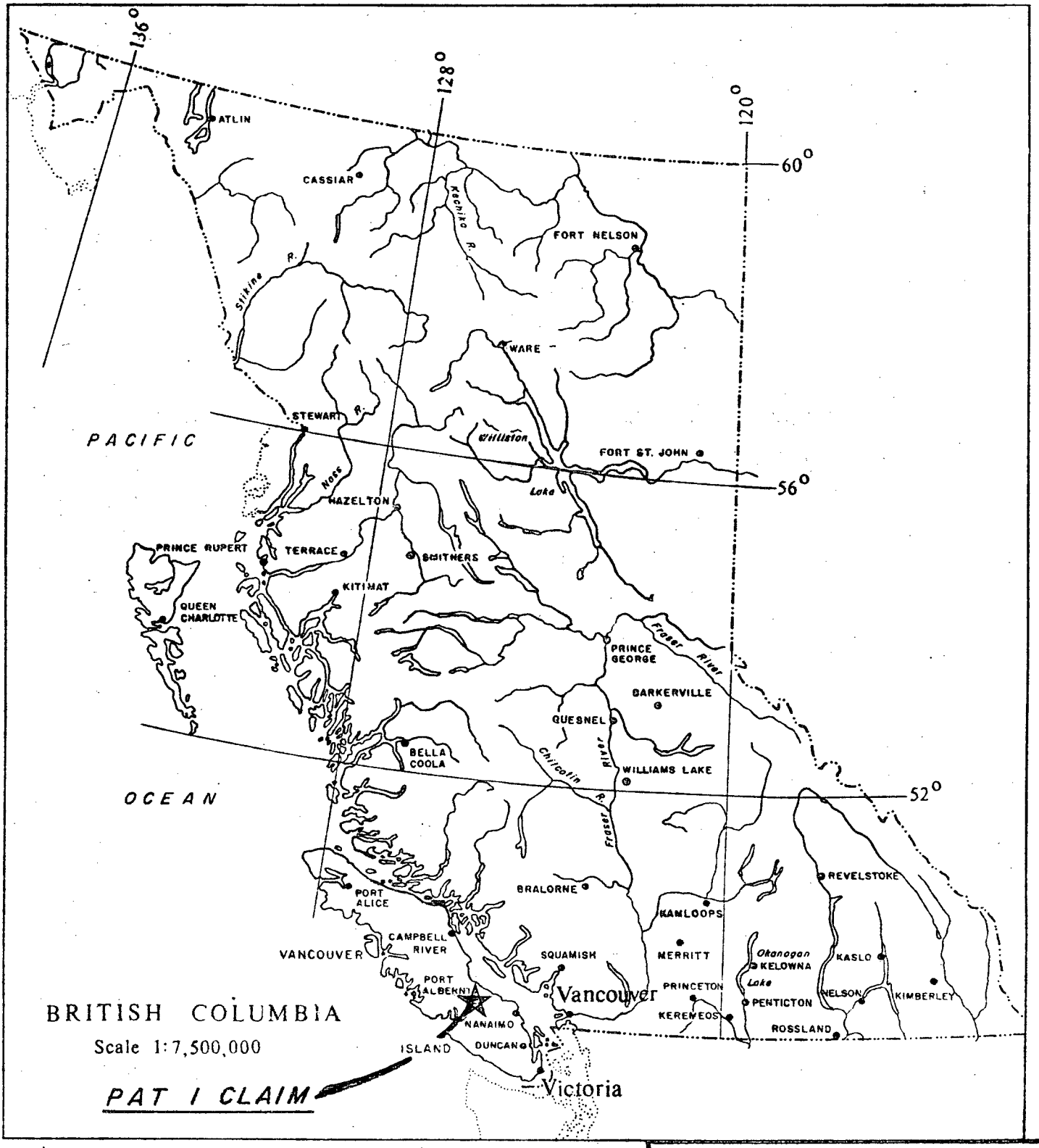


VICTORIA DIEGO
RESOURCE CORPORATION

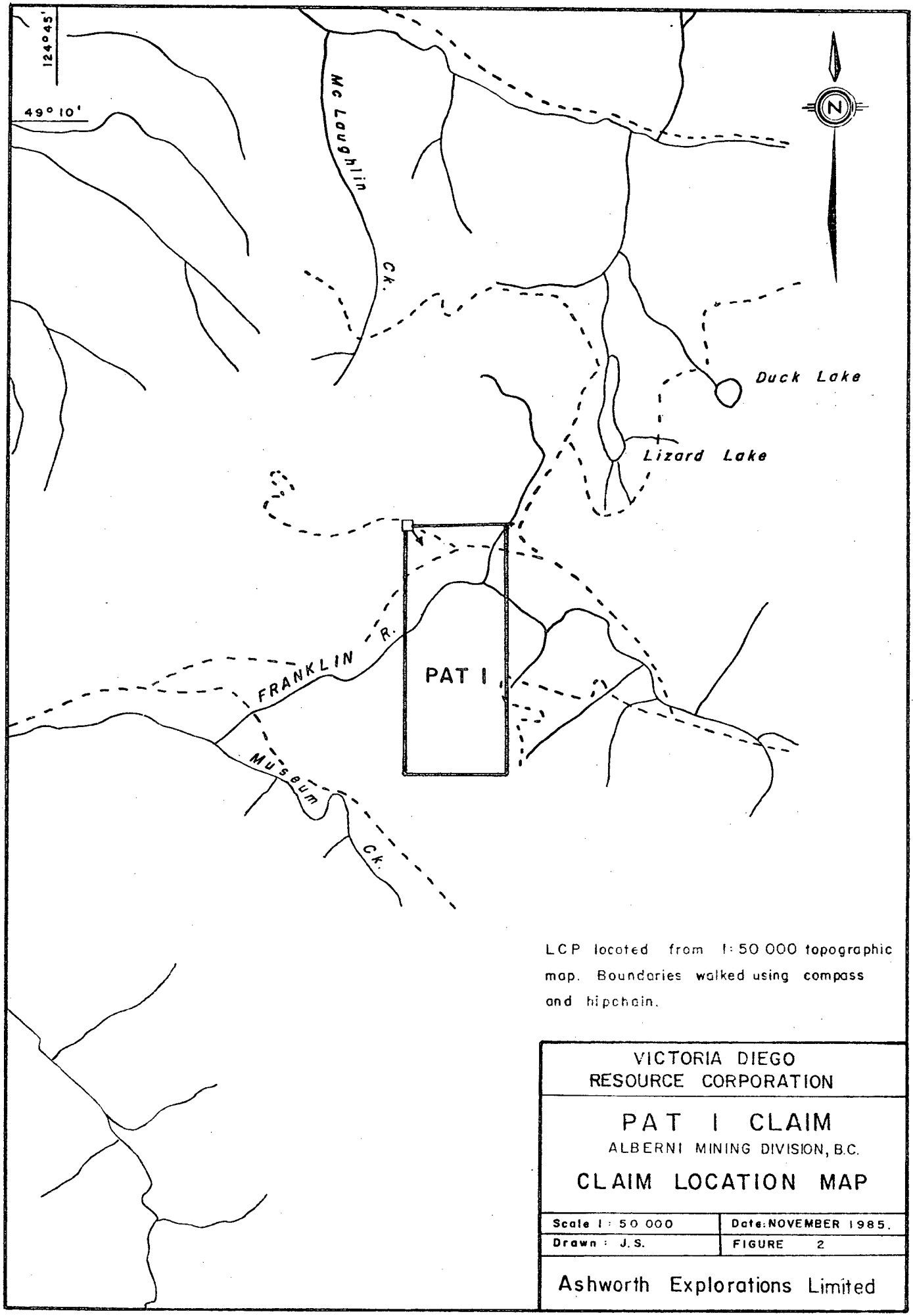
PAT 1 CLAIM

ALBERNI MINING DIVISION, B.C.

GENERAL LOCATION MAP

Scale 1 : 7500 000	Date NOVEMBER 1985.
Drawn : J. S.	Figure 1

Ashworth Explorations Limited



LCP located from 1:50 000 topographic map. Boundaries walked using compass and hipchain.

VICTORIA DIEGO
RESOURCE CORPORATION

PAT I CLAIM

ALBERNI MINING DIVISION, B.C.

CLAIM LOCATION MAP

Scale 1 : 50 000	Date: NOVEMBER 1985.
Drawn : J.S.	FIGURE 2

Ashworth Explorations Limited

1. INTRODUCTION

This report summarizes geochemical work done on the Pat 1 claim on September 25, 1985. Ashworth Explorations Ltd. was retained by William Poole (Owner) and Victoria Diego Resource Corporation (Operator) to perform assessment work and prepare a report.

2. LOCATION AND ACCESS

The Pat 1 property is located 120 kilometers west of Vancouver or 12 kilometers southeast of Port Alberni on Vancouver Island (see Figure 1). It is within NTS map sheet 92F/2 in the Alberni Mining Division.

Access is from Port Alberni along the Museum Creek haul road. This leads to a series of logging roads, operated and maintained by MacMillan-Bloedel Ltd. and provides excellent four wheel drive access to the Mount Patlicant area. Roads are presently through the north part of the claim and at the southeast boundary.

3. PHYSIOGRAPHY

The property is situated within the western coastal forest region characterized by abundant rainfall and heavy growth of large timber including fir and pine.

The claim, situated 2 kilometers southeast of Patlicant Mountain, has elevations ranging from 350 metres to 920 metres giving a total relief of 570 metres. Slopes vary from shallow in the north to moderate in the south. Drainage is into the Franklin River, which flows west for 7 kilometers into Alberni Inlet.

4. HISTORY

Mineral prospecting in the area has been active since placer gold was mined on China and Franklin Creeks during the 1860's development of lode gold prospects soon followed with eight properties in production by the 1940's. Low gold prices combined with low tonnage of the vein deposits inhibited further development.

In the 1960's Gunnex Limited acquired prospecting rights on certain parts of the E & N Railway Land Grants. Work done included a

helicopter aeromagnetic survey, a regional soil and silt sampling program, plus regional geological mapping combined with mineral showing examinations.

The area still remains active. A diamond drill program was carried out by Jan Resources on the Black Panther Mine - Summit Lake area in 1980-81. Westmin Mines Ltd. is currently undertaking a diamond drill program on the Thistle Mine property, 6 km east of the claim.

Other work was done in the area by Gunnex Ltd. in the 1960's, but no known work has been performed on the Pat 1 claim. A small copper showing was discovered on the northeast part of the claim.

The property is underlain by Triassic Karmutsen basaltic volcanics on the eastern part of the claim. These are overlain by Cretaceous Nanaimo sediments to the northwest. Tertiary diorite intrusives occur to the west in fault contact with Karmutsen volcanics. These intrusions are associated with several prospects in the area, including Mt. Spencer and Mt. McQuillan.

The favourable geology (see fig. 3) combined with a small copper showing and increased mining activity in the area makes the Pat 1 claim a promising prospect.

5. PROPERTY STATUS

The Pat 1 claim was staked on September 11, 1984. It is comprised of 10 units (record no. 2424) and expires on September 27, 1985. It is owned by William Poole and operated by Victoria Diego Resource Corporation (see Fig. 2).

6. GEOCHEMISTRY

6.1 Field Procedures

The purpose of the 1985 program was to soil and silt sample the property, specifically the northern part of the claim where mineralization occurs.

Altogether, 24 samples were taken consisting of 19 contour soil samples and 5 stream sediment samples. Soil samples were taken at a depth of 30 cm in the B-horizon using Kraft gusset envelopes.

6.2 Analytical Techniques

Bondar-Clegg & Company was retained to perform the analysis. Soil and silt samples were dried and sieved to minus 80 mesh. Elements Cu, Pb, Zn and Ag were extracted using a hot HNO_3-HCl solution and detected by atomic absorbtion. For gold analysis, fire assay was used followed by atomic absorbtion.

6.3 Results

For complete geochemical lab report see Appendix A. Anomalies were determined using the statistical technique: Mean + 2 Standard Deviations = Anomalous. Statistics are far more meaningful with a high number of data points. In this case the number of data points (number of samples) is twenty four which is hardly enough for an accurate statistical analysis, but for the purpose of this report will have to suffice.

Copper

No. of samples = 24
Mean = 113 ppm
Standard Deviation = 47
113 + 2(47) = Anomalous = 207 ppm

Results for copper are spread out from 24 ppm to 209 ppm which gives a high standard deviation (47) from the mean (113). This yields a value of 207 ppm as anomalous which seems unreasonably high. For copper the formula Mean + (1) Standard Deviation = Anomalous will be used which is the general formula for calculating background values. Therefore anomalous values for copper will be 160 ppm and above.

Lead

No. of samples = 24
Mean = 5 ppm
Standard Deviation = 1
5 + 2(1) = Anomalous = 7 ppm

Zinc

No. of samples = 24
Mean = 87 ppm
Standard Deviation = 15
87 + 2(15) = Anomalous = 117

Silver

No. of samples = 24
Mean = 0.2 ppm
Standard Deviation = .004
0.2 + 2(.004) = Anomalous = .208 ppm

Gold

No. of samples = 24
Mean - 7 ppb
Standard Deviation = 3
7 + 2(3) = Anomalous = 13 ppb

Copper results give seven anomalies, three of which are along the creek in the northeast corner. The remaining four are around the junction of two logging roads. Lead and zinc anomalies (four altogether) are extremely low, but are clustered around the junction. Only one silver value occurs and it is very low and isolated. The three gold anomalies are low and spread out, however one of them is coincident with the copper anomalies along the northeast creek.

6.4 Interpretation

Copper is the only metal which yields encouraging results. Three low to moderate values along the northeast creek could be coming from a fault along the stream (mapped by Laanela, Gunnex Ltd., 1965). The other interesting area is at the junction of the two logging roads with four copper, three lead anomalies and one zinc value. Future work programs should include prospecting of these two areas.

7. CONCLUSION

The Pat 1 claim is underlain by Karmutsen volcanics in fault contact with Tertiary intrusives. These intrusives are associated with several known prospects in the vicinity.

The 1985 program consisted of contour soil sampling along with stream sediment sampling. Results delineated two areas anomalous in copper.

It is recommended that a program take place consisting of geological mapping, contour soil sampling and stream sediment sampling. Coverage should include the remainder of the property not already

sampled. Further work consisting of geophysics and trenching would be contingent upon favourable results from the 1986 program.

Respectfully Submitted

(Seal)

Peter D. Leriche, B.Sc.
ASHWORTH EXPLORATIONS LTD.

APPENDIX A

GEOCHEMICAL RESULTS

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

REPORT: 125-3223

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB
S1 PI85-57		55	4	45	<0.2	<5
S1 PI85-58		91	5	88	0.2	<5
S1 PI85-51		179	8	110	<0.2	5
S1 PI85-52		160	5	95	0.2	5
S1 PI85-53		170	5	80	<0.2	5
S1 PI85-54		91	4	80	<0.2	5
S1 PI85-55		64	5	90	0.3	<5
S1 PI85-56		62	6	70	<0.2	<5
S1 PI85-01		194	4	80	<0.2	5
S1 PI85-02		165	2	108	<0.2	10
S1 PI85-03		107	4	77	<0.2	10
S1 PI85-04		127	4	121	<0.2	10
S1 PI85-05		209	4	77	<0.2	10
S1 PI85-06		124	6	110	<0.2	5
S1 PI85-07		63	8	96	0.2	<5
S1 PI85-08		87	6	69	<0.2	15
S1 PI85-09		133	3	77	<0.2	25
S1 PI85-10		54	5	62	<0.2	<5
S1 PI85-11		68	3	75	<0.2	5
S1 PI85-12		24	2	70	<0.2	<5
S1 PI85-13		43	4	88	<0.2	<5
S1 PI85-14		195	4	110	0.2	5
S1 PI85-15		155	4	100	<0.2	15
S1 PI85-16		86	7	100	<0.2	5

APPENDIX B

ITEMIZED COST STATEMENT

APPENDIX B

ITEMIZED COST STATEMENT

Wages		
Two Geological Technicians, Sept. 25/85 3 man days @ $190/day (incl. mob & demob)		$ 570.00
Food and Accomodation		
Sept. 25/85, 2 man days @ $85/day		170.00
Transportation		
Truck rental & fuel, 1.5 days @ $90/day		135.00
Analysis		
All samples analyzed for Cu, Pb, Zn, Ag, Au		
19 soil samples @ $12.65/sample	$240.35	
5 silt samples @ $12.65/sample	63.25	303.60
Materials		40.00
Report and Drafting		150.00
TOTAL		$1,368.60

APPENDIX C

STATEMENT OF QUALIFICATION

APPENDIX C

STATEMENT OF QUALIFICATION

I, PETER D. LERICHE, of 6416 St. Andrews Way, Whistler, B.C., V0N 1B0 do hereby state that:

1. I am a graduate of McMaster University, Hamilton, Ontario with a B.Sc. degree in Geology, 1980.

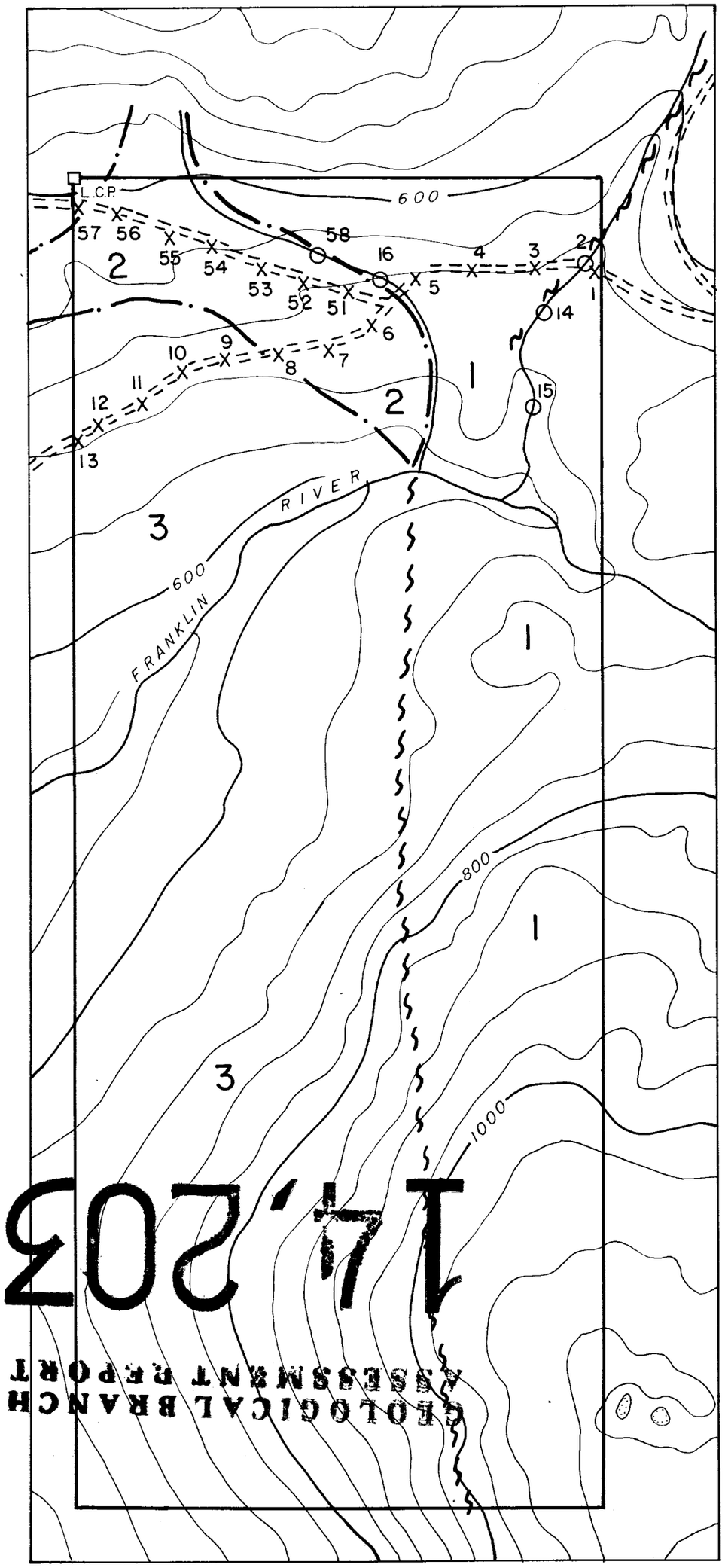
2. I have actively pursued my career as a geologist for seven years in British Columbia, Ontario, Yukon and Northwest Territories.

3. I have no direct or indirect interest in the property or securities of Victoria Diego Resource Corporation.

Respectfully submitted:

P.D. Leriche, B.Sc.
ASHWORTH EXPLORATIONS LIMITED

Dated at Vancouver, B.C.
October 31, 1985



LEGEND

1	Triassic Karmutsen Formation : basaltic lava, pillow lava, tuff.
2	Cretaceous Nanaimo Group : shale, siltstone, sandstone.
3	Tertiary Intrusions : quartzdiorite - granodiorite porphyry.

Geology by H. Laanela, Gunnex Ltd, 1965.

——·——·——	Geological contact
~~	Fault
□ L.C.P.	Legal claim post
L	Claim boundary (approximate)
= = = = =	Road
O 14	Silt sample site and number
X 3	Soil sample site and number

All sample numbers have prefix PT-85.

0 100 200 300 400 500 600 700 800 900 1000 metres

Scale 1 :10 000

Contour interval 40 metres.

VICTORIA DIEGO RESOURCE CORPORATION

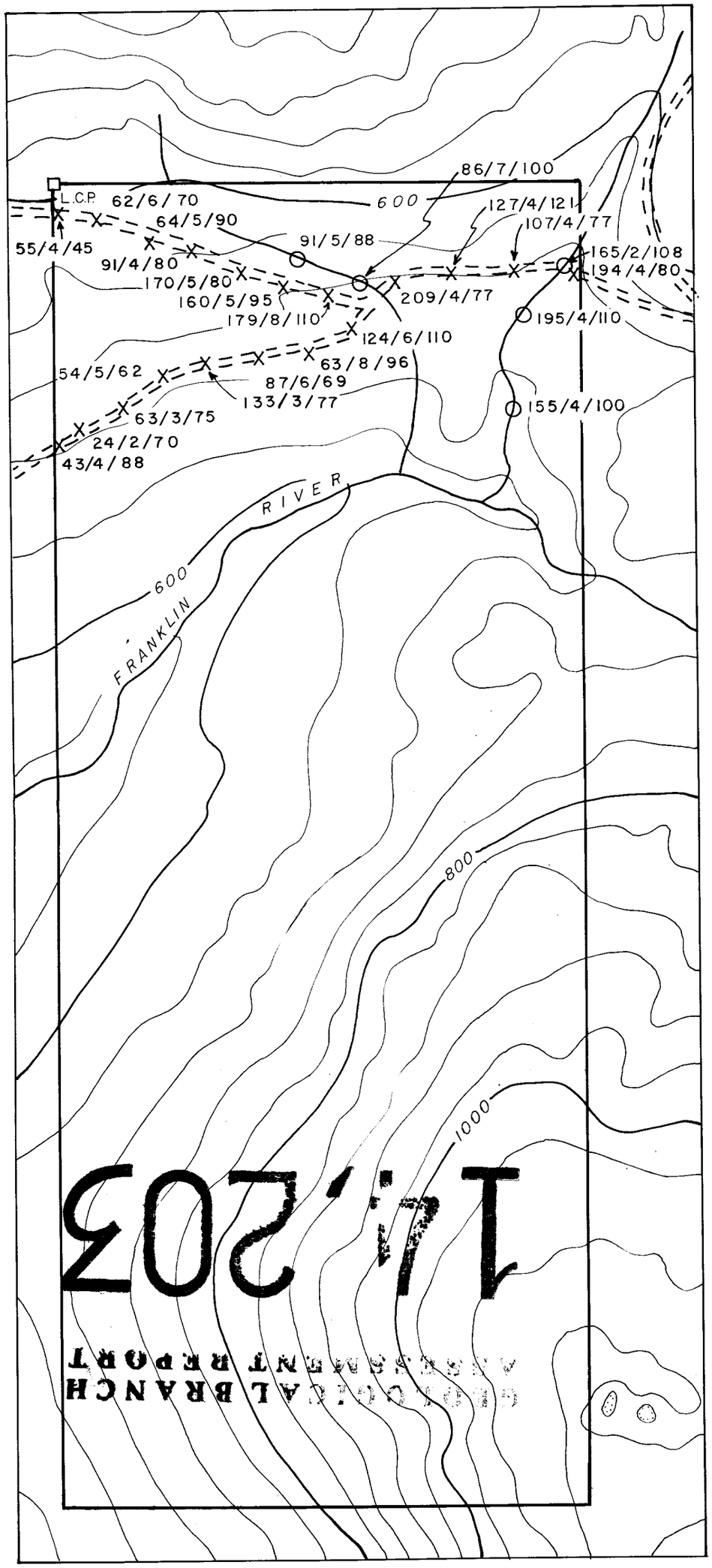
PAT 1 CLAIM

ALBERNI MINING DIVISION, B.C.

SAMPLE LOCATION AND GEOLOGY MAP

Design by :	P. L.	Date :	NOVEMBER, 1985.
Drawn by :	J. S.	Map :	3

Ashworth Explorations Limited



LEGEND

□ L.C.P.	Legal claim post
⌞	Claim boundary (approximate)
	Road
○	Silt sample site
X	Soil sample site
165/2/108	Cu ppm, Pb ppm, Zn ppm

0 100 200 300 400 500 600 700 800 900 1000 metres

Scale 1 : 10 000

Contour interval 40 metres.

VICTORIA DIEGO RESOURCE CORPORATION

PAT 1 CLAIM

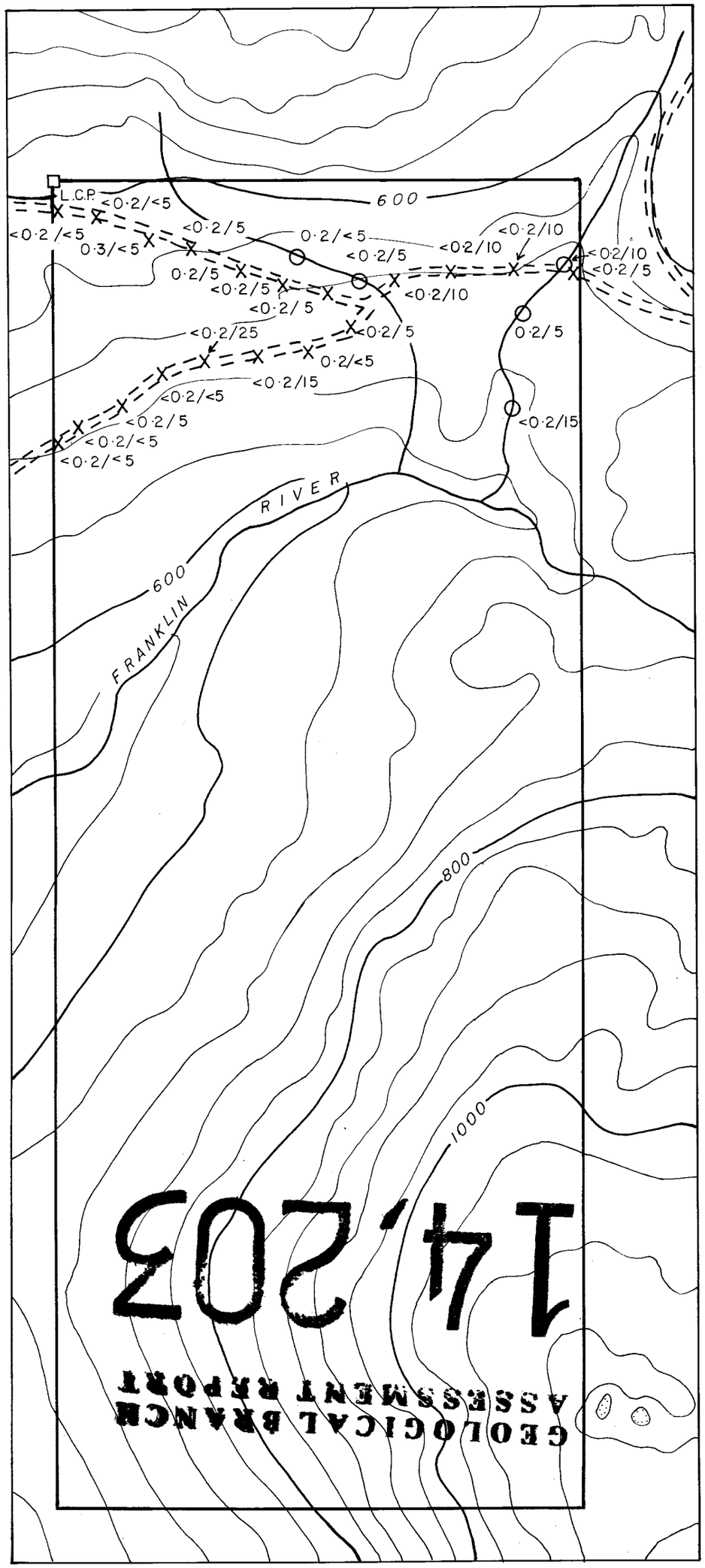
ALBERNI MINING DIVISION, B.C.

GEOCHEMICAL SURVEY

COPPER, LEAD, ZINC RESULTS

Design by : P. L.	Date : NOVEMBER, 1985.
Drawn by : J. S.	Map : 4

Ashworth Explorations Limited



LEGEND

□ L.C.P.	Legal claim post
———	Claim boundary (approximate)
= = = = =	Road
○	Silt sample site
X	Soil sample site
0·2 / 5	Ag ppm, Au ppb

0 100 200 300 400 500 600 700 800 900 1000 metres

Scale 1 :10 000

Contour interval 40 metres.

VICTORIA DIEGO
RESOURCE CORPORATION

PAT 1 CLAIM

ALBERNI MINING DIVISION, B.C.

GEOCHEMICAL SURVEY

SILVER, GOLD RESULTS

Design by : P. L.	Date : NOVEMBER, 1985.
Drawn by : J. S.	Map : 5

Ashworth Explorations Limited