

86-520-15123

Prospectors Report

Joe Mineral Claim

Kamloops Mining Division

Latitude 51° 19'~~11~~ N NTS 82M/5W Longitude 119° 58.8'W

by

Dirk Moraal

for

Larry Ovington
Owner and Operator

Record N° 6400(10)

FILMED

Kamloops. 1986 09 15

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,123

Table of Contents

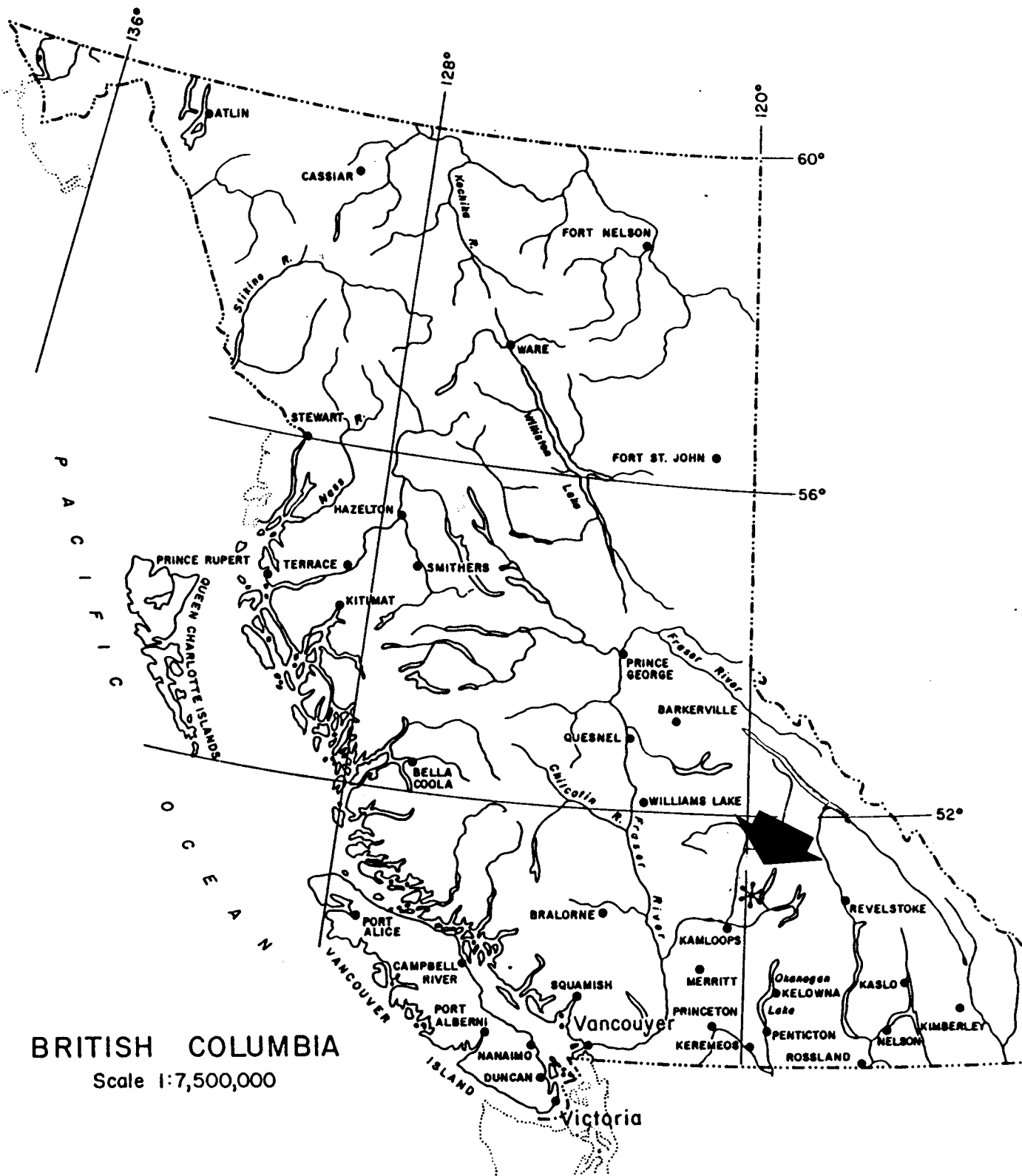
Table of Contents	I
List of Illustrations	II
List of References	III
1.0 Introduction	1
2.0 Location and Access	1
3.0 Ownership and Claim Status	2
4.0 History and Previous Work	2
5.0 Summary of work performed in 1986	3
6.0 Geology	4
7.0 Results	5
8.0 Conclusions and Recommendations	6
Statement of Costs	7
Statement of Qualifications	8
Appendix "A" Assay Certificates	9

List of Illustrations

Plate 1	Location Map	After p.III
Plate 2	Index Map	After p.1
Plate 3	Geology of Ovington showing.	After p.4

List of References

- Woodcock, J. Geochem Report (Assessment Report 3333) 1971
Vollo, Nels Geochem, Geophys Report, B.C. group (Assesment Report 3716)
- Vollo, Nels Geochem, Geol Report B.C. group (Assessment Report 4136) 1973
- Wodjack, P. Geochem, Geol. Report, Bet claims (Assessment Report 6202) 1977
- Ministry of Mines Preliminary Map N°56
Geology of the Adams Plateau-Clearwater Area
1984
- Schiarrizza, P. Geology of the Eagle Bay Formation between the Raft and Baldy Batholiths. 1985



BRITISH COLUMBIA

Scale 1:7,500,000



LOCATION MAP	
Joe Mineral Claim Kamloops Mining Division NTS 82M/5	
Plate 1	
D.M.	

1.0 Introduction

The Joe mineral claim was located in October 1985 by Larry Ovington of Kamloops, and is a re-staking of a previous claim of the same name. Interest in this claim is on the strength of massive sulphide showings along Birk Creek, a short distance northeast of the claim, an area that has seen much activity since 1951. Three km northwest, another mineral occurrence is found associated with a north-northwest trending thrust fault which constitutes the geological contact between the Fennel Formation on the west, and the Eagle Bay Formation to the east. Massive sulphide float found during the prospecting of the Joe claim is expected to come from a larger in-situ deposit.

2.0 Location and Access

The Joe claim is located 18 km northeast of Barriere, a town situated some 60 km north of Kamloops, B.C. on the Yellowhead Hyw #5.

Access from Barriere is via a mainly paved road and thence along well maintained forestry logging roads to the headwaters of Slate Creek, a tributary which joins the Barriere River at a point about 4 km below the outlet of North Barriere Lake.

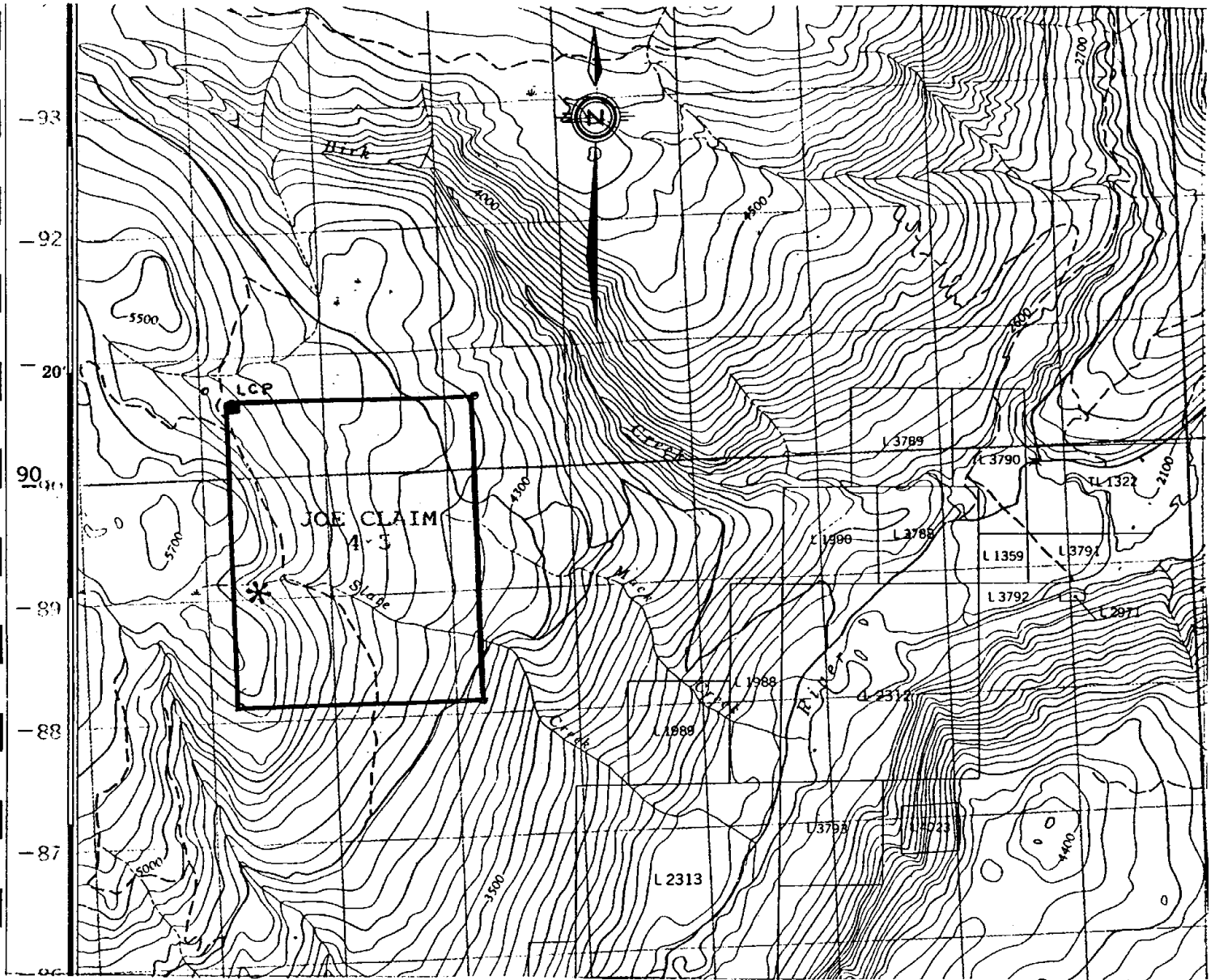
The Joe claim is situated on an easterly facing slope covered by a dense mature forest of spruce, balsam and cedar with much deadfall at ground level. Large portions have been logged in in past years, and the logging slashes now exhibit heavy second growth. Elevations vary from 1345m at the SE corner of the claim, to 1735 along the western boundary.

3.0 Ownership and Claim Status

The Joe claim is wholly owned by Mr. Larry Ovington of Kamloops, B.C. The recording date is October 21, 1985. The claim is held in good standing and consists of one 20 unit block staked under the modified grid system. The LCP is located at UTM coordinates 229250mE and 5683650mN. The record number is 6400(10) The metal tag number is 106880.

4.0 History and Previous Work

Research in ministry files record only one report which may have been submitted for work performed on ground now covered by the Joe claim. Unfortunately, the report was missing from the files and the writer was unable to secure another copy to confirm this. Work on adjacent properties has been carried out since 1951 with geochemical, geophysical, geological surveys as well as drilling being reported in the assessment reports that deal with those claims.



* Ovington Showing
 Pb, Zn, Ag, Au, Sb

INDEX MAP
 Joe Mineral Claim
 Kamloops Mining Division
 NTS 82M/5
 Scale 1:50000

Plate 2

5.0 Summary of work performed in 1986

Work consisted of prospecting for mineralized outcrops within the claim boundary, research into old reports, and assaying of rock samples

Preliminary mapping of the area of a new discovery of massive galena in quartz completed the field season.

6.0 Geology

Two major formations have been mapped on the Joe Claim. Mississippian rocks of the Eagle Bay Formation, consisting chiefly of phyllites, slates with interbedded siltstone, sandstone and grits, and minor conglomerate, limestone and tuff, lie on the eastern side while Devonian to Permian rocks of the Fennel Formation consisting of volcanic and metamorphic rocks, basalt, gabbro, diorite, diabase, chert, argillite and slate, basaltic breccia and tuff lie to the west.

Structure is represented by a NNW trending thrust fault (considered premetamorphic) which forms the contact between Eagle Bay and Fennell Formations, and is situated roughly parallel to the west boundary of the claim, and is contained within the claim over a strikelength in excess of 2000m.

The axial trace of an overturned anticlinal fold crosses the NE corner of the claim, while an anticlinal axial trace has been mapped at the SE corner of the property. In general folding appears to be intense as witnessed by the great spread in dips of the bedding planes.

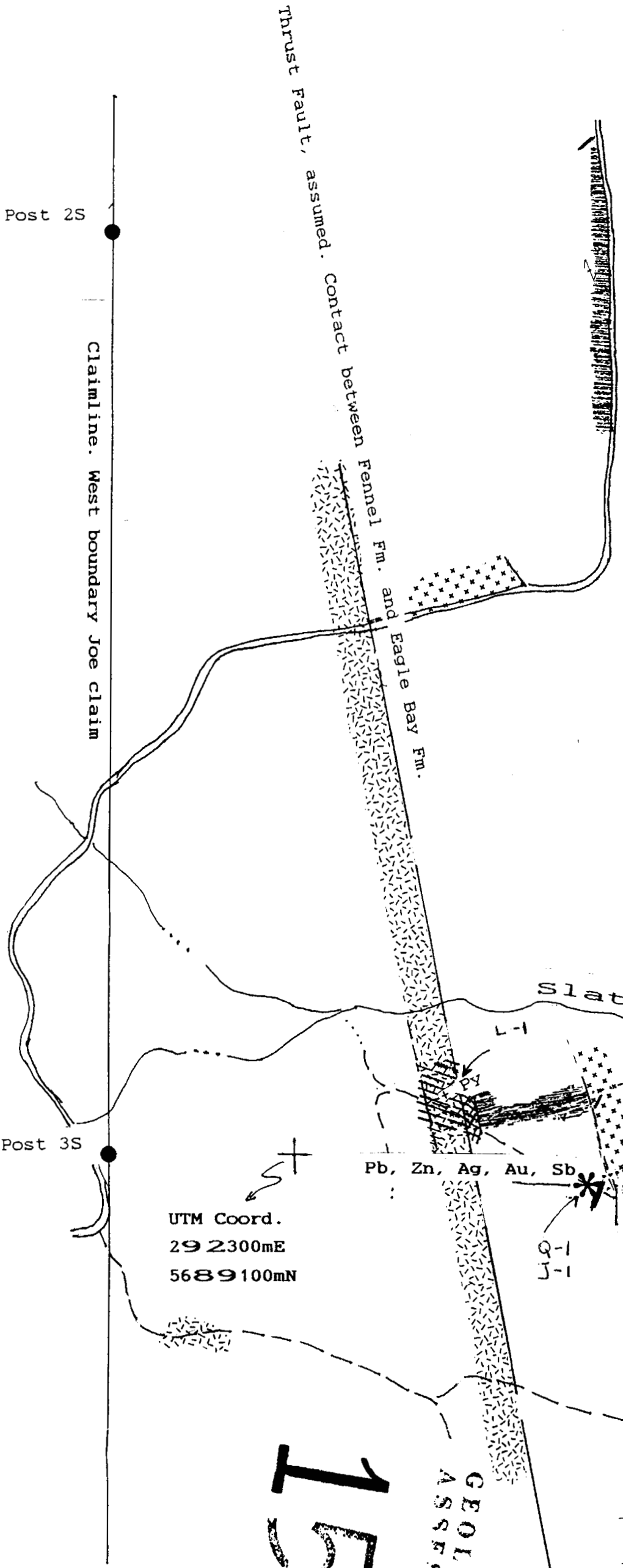
Mineralization in the region seems to be found in the vicinity of thrust faults, as is the case in Chu-Chua and Dunn Mtn. as with the Birk Creek area where Cominco, Craigmont, Ducanex, Noranda and others have been exploring since 1951.

Mineralized float was found on the Joe claim near the thrust fault, containing massive galena, with Ag, Sb, and Au.

This float was subsequently followed back to a mineralized quartz vein containing massive galena, with Zn, Ag, Sb, and Au.

Legend

- Fennel Formation
- Diorite
- Eagle Bay Formation
- Shales and Phyllite
- Quartzite
- Quartz veins, stringers
- Zone of oxidation
- Breccia
- Float Train
- Mineralized float + Pb
- Mineralization in-situ * Pb
- Claim line, post
- Road
- Skid trail
- Creek



UTM Coord.
29 2300mE
5689100mN

Pb, Zn, Ag, Au, Sb

0 50 100 150 200m

Scale 1:2500

15,123

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Joe Claim	
Geology of the Ovington Showing Preliminary Map	
Date 15 Sept 86	NTS 82M/5
Work by L.O., D.M., C.M.	Plate 3

7.0 Results

Eight mandays were used prospecting the Joe claims, during which time traverses were made by the prospector and an assistant who used the pace and compass method for locating themselves. This resulted in the discovery of a new massive sulphide occurrence which was mapped in by the prospectors on a subsequent visit, and is presented in Plate 3. Plans for mapping the property have been considered. The visits to the claim were during June, July and September 1986.

Of the numerous rock samples collected, four were selected for assay. The first, returned .061 Ozs/ton Au and 2.62 ozs/ton Ag. while the three remaining samples were sent to Vancouver for 30 element ICP analysis, plus gold. The assay certificate and geochemical analysis results are contained in Appendix A, below. As noted above, these samples from the vicinity of the thrust fault contain massive sulphide mineralization.

8.0 Conclusions and Recommendations

Mineral occurrences in the area tend to be associated with thrust faults and Fennell Fm. rocks, or are hosted by Eagle Bay Fm rocks in close proximity to postmetamorphism thrust faults. Since these conditions are met on the Joe claim, the possibility of encountering a new mineral deposit on this property encourages further exploration.

The writer feels that the initial effort should be directed at defining the thrust fault located on the west half of the Joe claim. Since the structure dips generally to the east, any discovery would extend into the property with depth.

A comprehensive programme of mapping, a grid over the fault area over which geochemical samples would be collected, and concurrent VLF-EM and magnetometer surveys to define structure below overburden and map the fault, should be given consideration when planning further assessment work on this property.

The sulphide showing should be trenched to uncover more of the mineralized vein, and other parallel veins or stockwork that may exist. The area in the vicinity of the zone of oxidation adjacent the contact should also be trenched and sampled.

Statement of Costs

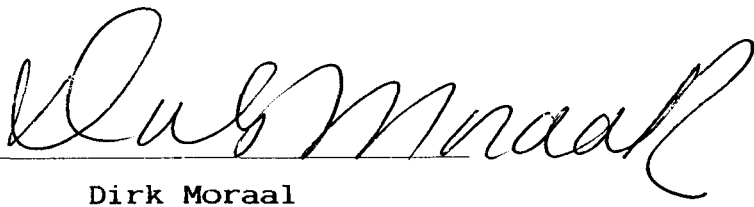
Personnel (Field)

L. Ovington	4 days @ 150 ^{°°} /day	600.°°
C. Marlow	3 days @ 150 ^{°°} /day	450 ^{°°}
D. Moraal	1 day @ 150 ^{°°} /day	150 ^{°°}
Vehicle, 4x4	4 days @ 45 ^{°°} /day	180 ^{°°}
Cost of Assays		58.25
Food, misc. supplies		125 ^{°°}
Research	1 day @ 150 ^{°°} /day	150 ^{°°}
Cost of Report, typing, and draughting		356.75
	Total	<u>2070.°°</u>

Statement of Qualifications

I, Dirk Moraal, of the city of Kamloops, in British Columbia, hereby state that:

1. I am a professional prospector and geophysical operator
2. I have been carrying out my profession since 1969
2. I am a graduate of the B.C. Dept. of Mines Exploration Course for Prospectors, and the Yukon College Underground Mining course.
4. This report is based on information gathered during the 1986 field season, and opinions expressed reflect that knowledge and information gathered from local experience and research.
5. I have no interest either direct or indirect in the Joe claim.


Dirk Moraal

Sept 15, 1986

Appendix "A"

Certificate of Assay, Sample J-1

Geochemical ICP analysis results, Samples Q-1, U-1, L-1



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Whopper Holdings Ltd.
1559 Mt. Dufferin Dr.,
Kamloops, B.C. V2E 1A3

Certificate No. K 7489

Date June 30, 1986.

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag						
		ozs/ton	ozs/ton						
1	J-1	.061 2.1gt	2.62 92.75gt	<u>10E-QUART Vein (NORTH BARRIERE)</u>					

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

David A. Blumail

Registered Assayer, Province of British Columbia

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 7 1986 DATE REPORT MAILED:

*July 10/86*ASSAYER: *N. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER.

WHOPPER HOLDINGS FILE # 86-1334

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPB
Q-1	5	383	18150/	1840	43.7/	7	10	77	.64	26	5	ND	1	27	6	296	28	2	.17	.003	2	8	.09	33	.01	2	.04	.01	.01	1	1440
U-1	3	194	30	170	1.1	62	26	1616	7.34	139	7	ND	3	276	3	3	2	14	2.92	.630	22	6	1.14	39	.01	7	.75	.01	.25	1	150
L-1	2	42	39	54	.7	23	6	1009	1.35	20	6	ND	1	20	1	8	3	12	.16	.023	3	16	.20	340	.04	6	.29	.01	.05	1	7

Assay required for correct result —