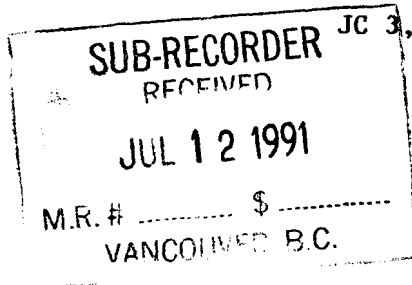


PROSPECTING REPORT

ON THE

JC 3, 4 AND 6 MINERAL CLAIMS



Cariboo Mining Division

NTS 93A/12

52°33' North Latitude

121°44' West Longitude

Owners: James Burdett

Craig Boruck

By: James Burdett

July, 1991

PROSPECTING REPORT on the JC 3, 4 and 6 MINERAL CLAIMS

LOG NO: JUL 26 1991 RD.
ACTION:
FILE NO:

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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,516

INTRODUCTION

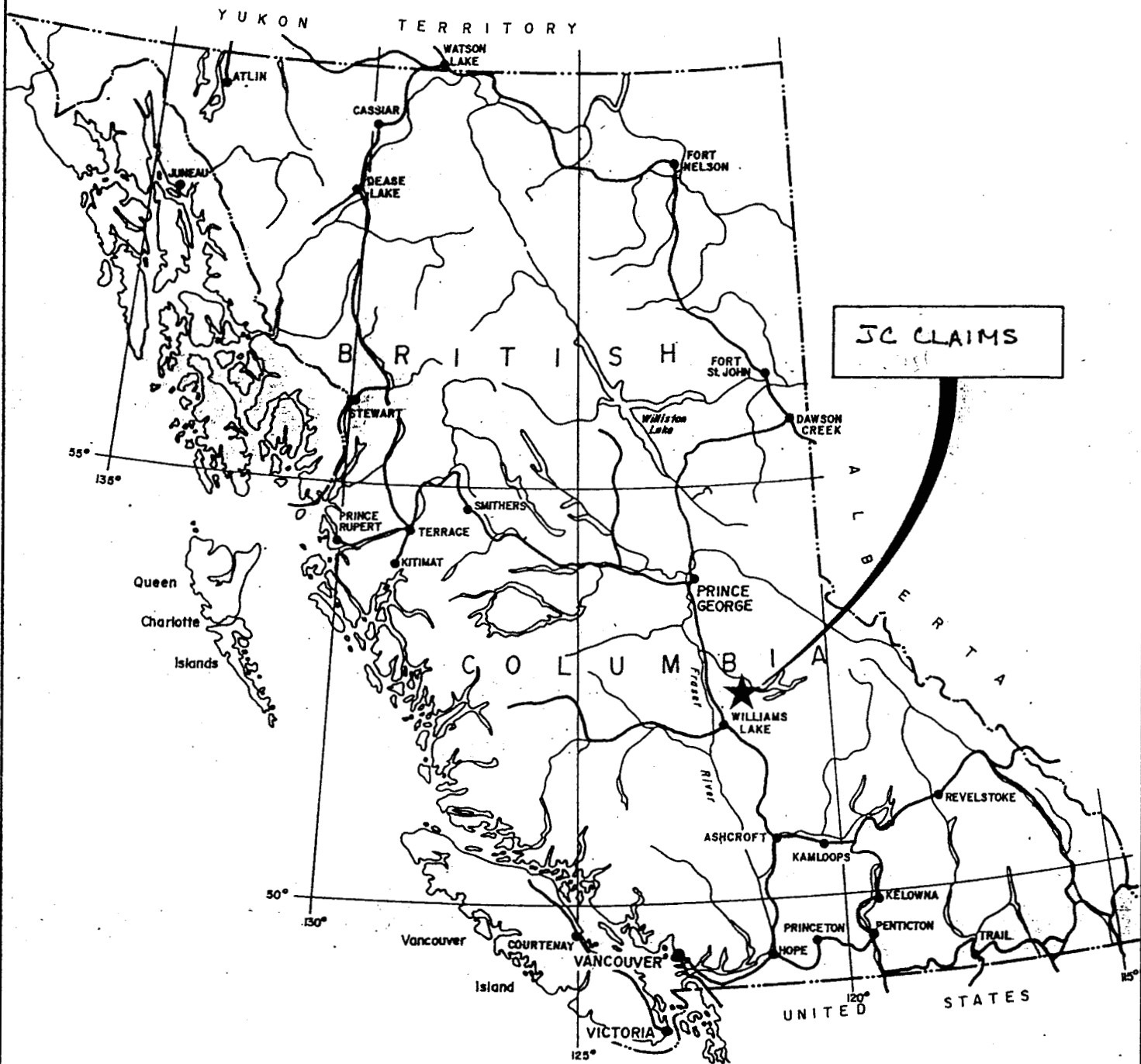
In October 1989 the JC 1 and 2 claims were staked to cover some fine grained chalcocite found in volcanic sandstone southeast of Jacobie Lake. The showings had been discovered during logging in the spring of 1989. After brief prospecting, the JC 3-9 claims were acquired in the spring of 1990 to cover an area of similar geology around the original JC 1 showings.

This prospecting report covers traverses done on the JC 3, 4 and 6 claims.

CLAIMS

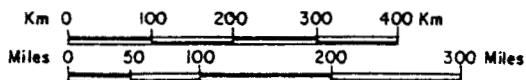
<u>Claim</u>	<u>Record No.</u>	<u>Units</u>	<u>Record Date</u>
JC 3	10525	20	April 22, 1990
JC 4	10526	8	April 22, 1990
JC 6	10528	20	April 18, 1990

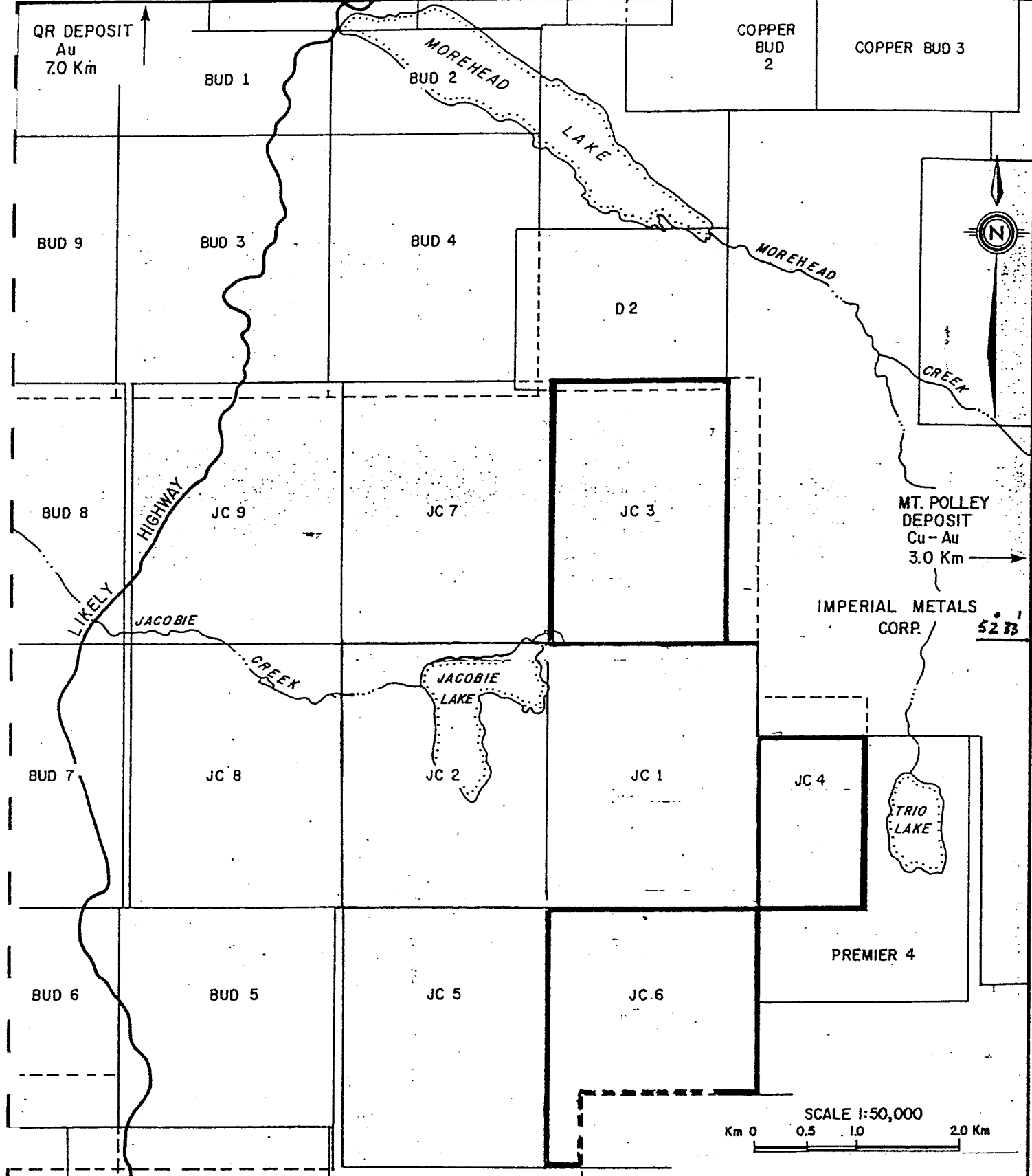
The claims are located 65 km northwest of Williams Lake. Access is by the Likely Road approximately 65 km from 150 Mile House then the forestry road to Jacobie Lake.



JC CLAIMS

JC 3, 4 AND 6
 MINERAL CLAIMS
 PROPERTY LOCATION
 CARIBOO MINING DIV.
 NTS 93A/12 JULY 1991 FIG 1





CLAIM MAP
 JC 3, 4 AND 6
 MINERAL CLAIMS
 CARIBOO MINING DIV.
 NTS 93A/12 JULY 1991 F162

12144

GEOLOGY

The property lies within the Quesnel Trough. It is underlain by Nicola Group volcanic and sedimentary rocks that have been intruded by alkalic intrusions. Several copper-gold porphyry deposits within the Quesnel Trough occur near or within these intrusives. After the discovery of the Mt. Polley deposit, many companies worked the area of the JC claims. Fine grained chalcocite and native copper were reported in the amygdules of basalts. The most important of these showings was the B showing on the northeast side of Jacobie Mountain.

In the winter of 1989 logging roads on the JC 1 claims uncovered several new areas with strong malachite and chalcocite mineralization. Assays of this rock ranged from background values in Cu and Ag to 7.29% Cu and >1.0 opt Ag in select grab samples (Montgomery, 1991). Montgomery also said that the "significant new copper-bearing mineral occurrences discovered on the JC 1 and JC 2 claims may be higher level expressions of an underlying ore-hosting intrusive".

WORK PROGRAM

During the months of April to October, 1990 21 mandays were spent prospecting on the JC 3, 4 and 6 claims. Figure 3 shows the general areas covered by

the traverses. The purpose of prospecting was to locate more mineralization similar to the JC 1 showings and to attempt to find syenitic intrusives similar to Mt. Polley.

Early in the season a helicopter was hired to fly over the claims and try to find areas of outcrop. Most outcrops visible were in the central and eastern parts of JC 3 and south half of JC 6 claims.

Ground prospecting in these areas found that the northern part of the JC 6 claim is underlain by dark green volcanic rocks and the high northwest-southeast ridge in the south part is mainly basalts. These basalts are fresh looking and seem to overlie the other volcanic rocks to the north. They are possibly more recent flows. Fine grained disseminated pyrite was the only sulphide mineral noted within the basalts. A small outcrop near the north JC 6 claim line was sampled because of what appeared to be minor chalcopyrite with some malachite (Sample Craig #1, 269 ppm Cu).

In 1984 Asamera Inc. reported some copper geochemical anomalies on the JC 3 claim. Several prospecting traverses showed that there is no outcrop in the north part of the claim but the higher ridges in the central and eastern parts of the claim are underlain mainly by volcanic rocks. Near the north end of the central ridge a grab sample of pinkish coloured intrusive with minor chalcopyrite was collected. The sample was misplaced and never sent for


assay. In April 1991 the area was visited again and another sample was taken (Sample JC #3 CB 2, 690 ppm Cu). Because there is very little outcrop it is not known whether the intrusives was just a dyke or could be a small plug.

Another small area with syenite (?) is on the ridge near the eastern JC 3 claim line. This syenite outcropped over several hundred feet which indicated it was a small plug.

CONCLUSIONS

Very little outcrop occurs on the JC 3, 4 & 6 claims. No mineralization like the disseminated chalcocite on the JC 1 claim was found. The sample of minor chalcopyrite in a dark green volcanic near the north JC 6 line returned very low copper values. The chalcopyrite in a possible syenite in the central JC 3 claim is of some interest and should be followed up with more prospecting and sampling. Trenching would help to define the extent of the intrusive.

Respectfully submitted,



James P. Burdett

APPENDIX I

LIST OF REFERENCES

LIST OF REFERENCES

- Assessment Report #885: S.W. Wright, The JAC, COB and BIE Groups of Mineral Claims, 1966.
- Assessment Report #12589: R.G. Simpson, Geological Mapping and Geochemical Survey Report on the Jacobie 2 Mineral Claim, July 25, 1984
- Assessment Report #13430: L. Forand and D.W. Hassell, 1984 Summer Exploration Program for Rick, Goldmaster and Impasse Claims, September 12, 1984.
- Montgomery, A.T., Assessment Report on a Prospecting and Geological Work Program, JC 1 & 2 Mineral Claims, January, 1991.

APPENDIX II

COST STATEMENT

COST STATEMENT
JC 3, 4 & 6
APRIL - OCTOBER, 1990

WAGES

J. Burdett - Prospector	
C. Boruck - Prospector	
21 days @ \$200.00	\$4,200.00

EXPENSES

Truck Rental - 11 days @ \$50.00	\$ 550.00	
Accommodation, Meals, Gas, etc. - 21 days @ \$25.00	525.00	
Helicopter (Highland Helicopter) - .8 hours	552.00	
B.C. Yukon Chamber of Mines - Assessment Reports	431.46	
Report (drafting, materials, photocopies, etc.)	<u>250.00</u>	
		<u>2,308.46</u>
 Total		 <u>\$6,508.46</u>

APPENDIX III

PROSPECTING TRAVERSES

PROSPECTING TRAVERSES

April 26, 1990 (Jim Burdett, Craig Boruck)

Did traverse in the northern part of JC 6 claim. Saw a fair amount of dark green volcanic (basalt). In one outcrop near the north JC 6 claim line some fine minor chalcopyrite in a volcanic rock that was sampled earlier in the year (Sample Craig #1) was looked at again. The outcrop is just west of the road. The mineralization was not very significant. Nothing else was found on the traverse.

May 29, 1990 (Jim Burdett, Craig Boruck)

Spent the day in fairly heavy bush in the north end of JC 3 claim. The area was quite wet in places and no outcrop was found all day.

July 28, 1990 (Jim Burdett, Craig Boruck)

We decided to rent a helicopter to search for areas of outcrop on the JC 3, 4 & 6 claims. Looks like there should be outcrops on the higher ridges in the middle and east part of JC 3 claim. Not much sign of outcrop on the JC 4 but the higher ridge on the south part of JC 6 looks good for outcrop.

October 10 & 11, 1990 (Jim Burdett, Craig Boruck)

Two days spent prospecting the lower half of JC 3 claim. Hoped to find some intrusives but most of the area was low with no outcrops. Only a few small basalt outcrops were found. No mineralization.

October 13, 1990 (Jim Burdett, Craig Boruck)

Prospected the ridge in central and northeast part of JC 3. Some volcanic outcrops were seen near the top of the ridge but there is a lot of overburden once you start down the sides of the ridge. Only one small outcrop on the north end of the ridge was pinkish colour intrusive. A grab sample of a piece with a little disseminated chalcopyrite was taken. There was too much overburden to know how big the intrusive might be.

October 14, 1990 (Jim Burdett, Craig Boruck)

Spent the day on the ridge along the east side of JC 3 claim. Found one outcrop that looks similar to Polley syenite intrusives. No mineralization was found.

October 15, 1990 (Jim Burdett, Craig Boruck)

Craig and myself spent the day looking for outcrop on the JC 4 claim. Found no outcrop on the north half of claim but found some outcrop along the south boundary. This appears to be all volcanics. No mineralization was found.

October 18 & 19, 1990 (Jim Burdett, Craig Boruck)

We spent two days covering the high knob on the south end of JC 6. All of the outcrops appear to be basalts that are very fresh looking. A little bit of pyrite was seen but no copper mineralization.

October 23, 1990 (Jim Burdett)

Prospected along the west boundary of JC 6. It appears to be mostly basalts with some fine disseminated pyrite. The same rock type runs across onto the JC 5 claim. No copper mineralization was seen.

APPENDIX IV

ASSAYS



GEOCHEMICAL ANALYSIS CERTIFICATE



Craig Boruck File # 91-1505

Box 456, 150 MI House BC V0K 2G0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	H ppm	Tl ppm	Hg ppm
GINETTE #1	1	52	3	82	.2	163	38	803	6.41	3	5	ND	1	42	.3	6	2	27	.59	.069	8	45	2.92	37	.06	4	.87	.18	.04	1	2	1
JC#1 CB-3	1	16574	5	78	1.8	21	18	592	4.15	20	5	ND	1	265	1.7	4	6	144	8.72	.039	3	65	4.07	139	.03	2	.33	.01	.01	1	2	1
JC#1 CB-4	1	18	2	46	.1	24	16	515	1.54	9	5	ND	1	165	.2	4	2	30	8.84	.005	2	7	4.10	10	.01	2	.08	.01	.01	1	2	1
JC#3 CB-1	1	13	4	37	.2	5	2	241	1.10	4	5	ND	2	15	.2	2	2	17	1.74	.021	3	5	.12	53	.01	8	.43	.02	.13	1	2	1
JC#3 CB-2	1	690	7	89	.5	8	22	1191	5.09	10	5	ND	1	216	.6	6	2	188	3.14	.188	9	7	1.84	228	.22	24	2.51	.25	.18	1	2	1
JC#8	1	269	7	74	.4	17	23	784	5.85	3	5	ND	1	72	.2	2	2	139	1.78	.101	5	25	1.64	42	.22	4	2.02	.03	.05	1	2	1
4 WEST	1	6101	5	60	1.9	22	19	961	2.25	46	5	ND	1	135	.8	3	9	74	8.85	.021	2	9	3.91	249	.01	3	.26	.01	.03	1	2	7
5N 3W	1	18	8	90	.1	6	6	531	2.27	3	5	ND	5	35	.2	2	3	22	.47	.065	17	1	.62	682	.01	3	.85	.06	.08	1	2	1

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK

DATE RECEIVED: MAY 30 1991 DATE REPORT MAILED: *June 5/91* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

GEOCHEMICAL ANALYSIS CERTIFICATE

Craig Boruck File # 90-0756

Box 456, 150 Mi House VOK 260

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
CRAIG #1	1	269	11	106	1	17	27	697	5.22	15	5	ND	1	98	1	2	2	114	1.61	130	7	13	1.69	158	20	9	1.60	.03	.03	1	3

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAR 27 1990 DATE REPORT MAILED: *March 30/90* SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

APPENDIX V

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, James P. Burdett of Rose Lake, B.C., have worked intermittently in the mining industry since 1971.

My experience has included such positions as geologist's field assistant, prospector, trench sampler, soil sampler, camp manager, mill operator, maintenance and heavy equipment operator.

These positions have taken me to areas of British Columbia such as the Okanagan, Cariboo and Iskut River-Telegraph Creek areas.

References:


Mr. Bob Gifford - Gulf International Minerals Ltd.

Mr. Reg Davis - Gulf International Minerals Ltd.

Mr. Bob Darney - Pamicon Developments Ltd.

Mr. Dave Yeager - Skyline Gold Corporation

DATED at Vancouver, B.C., this 11 day of July, 1991.



James P. Burdett

JC 3, 4 AND 6
 MINERAL CLAIMS
 PROSPECTING TRAVERSE
 MAP

NORTH SHEET



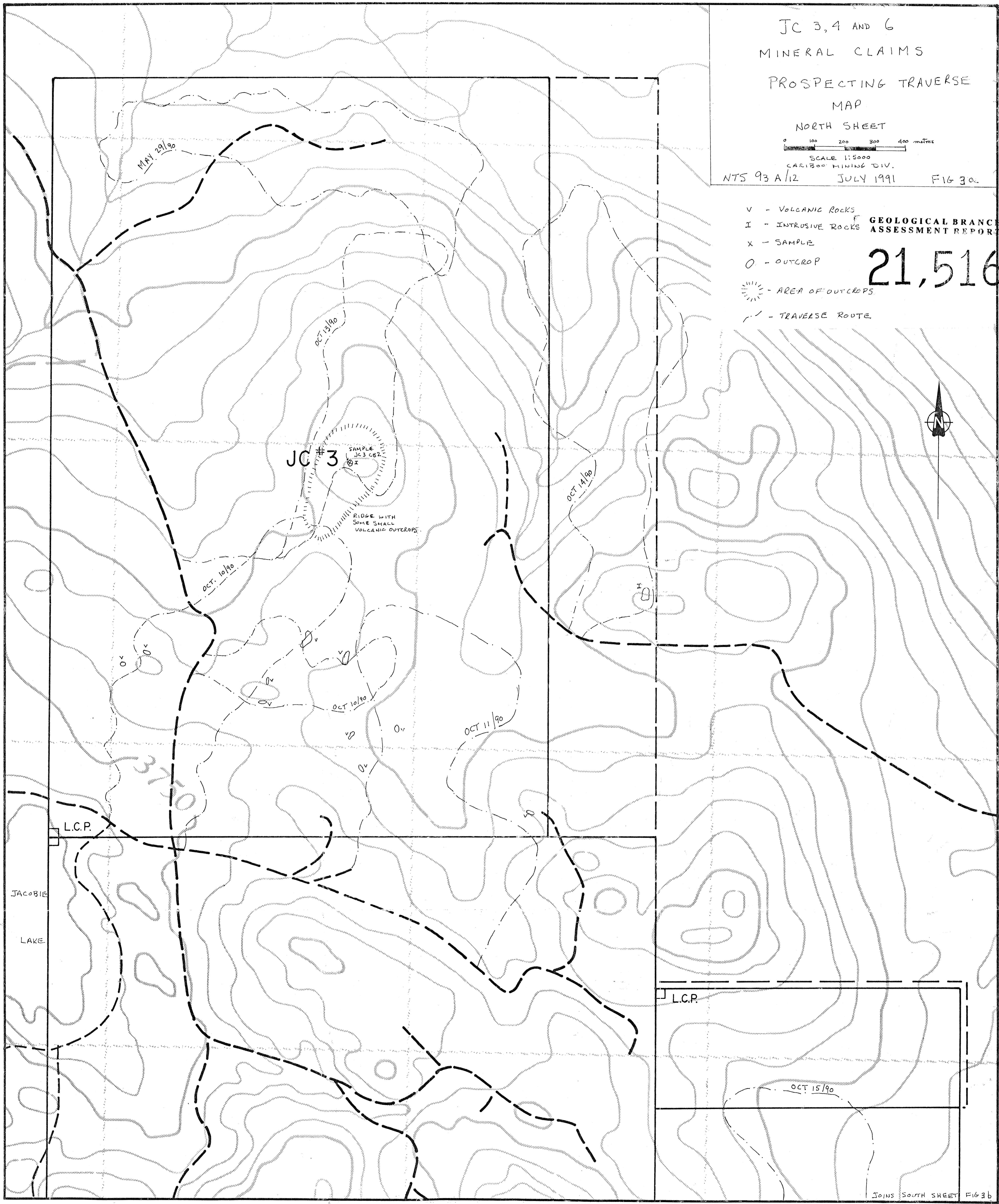
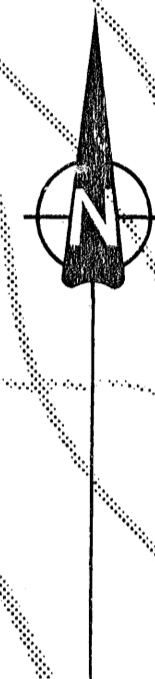
SCALE 1:5000
 CARIBOO MINING DIV.

NTS 93 A/12 JULY 1991 FIG 30.

- V - VOLCANIC ROCKS
- I - INTRUSIVE ROCKS
- X - SAMPLE
- O - OUTCROP
- ☼ - AREA OF OUTCROPS
- - - TRAVERSE ROUTE

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

21,516



Mount Jacobie

JC #1

JC #4

OCT 15/90

3750

SAMPLE GRAIG #1

L.C.P.

APRIL 2/90

OCT 23/90

BASALT

JC #6

OCT 18/90

BASALT

BASALT

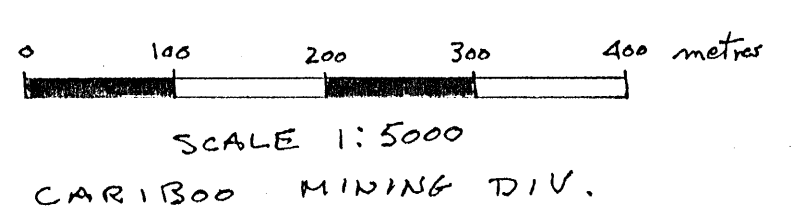
OCT 19/90

- v - VOLCANIC ROCKS
- I - INTRUSIVE ROCKS
- x - SAMPLE
- o - OUTCROP
- ☀ - AREA OF OUTCROPS
- - - TRAVERSE ROUTE

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,516

JC 3, 4 AND 6
MINERAL CLAIMS
PROSPECTING TRAVERSE
MAP
SOUTH SHEET



3750