PROSPECTING REPORT
BLACK MARTIN MINERAL CLAIMS
RECORD NO. 1128, 1129
CUNNINGHAM CREEK AREA
CARIBOO MINING DIVISION B.C.
MAP 93A 14W

for

RESOURCEX LTD.
709-744 WEST HASTINGS STREET
VANCOUVER, B.C.

by

STEPHEN QUIN
B.S. MINING GEOLOGY
709-744 WEST HASTINGS STREET
VANCOUVER, B.C.

August 18, 1980

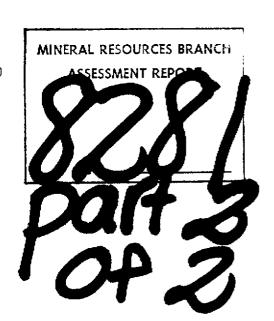


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LOCATION AND ACCESS

The Black Martin Claims are located 20 miles south of Barkerville in the Cariboo Mining Division of B.C. The approximate centre of the claims is Lat. 52055'N, Long 121021'W.

Access is by a dirt road passable to four wheel drive vehicles, south from Barkerville towards Likely for a distance of approximately 20 miles. Barkerville is 53 miles east of Quesnel by Highway #97.

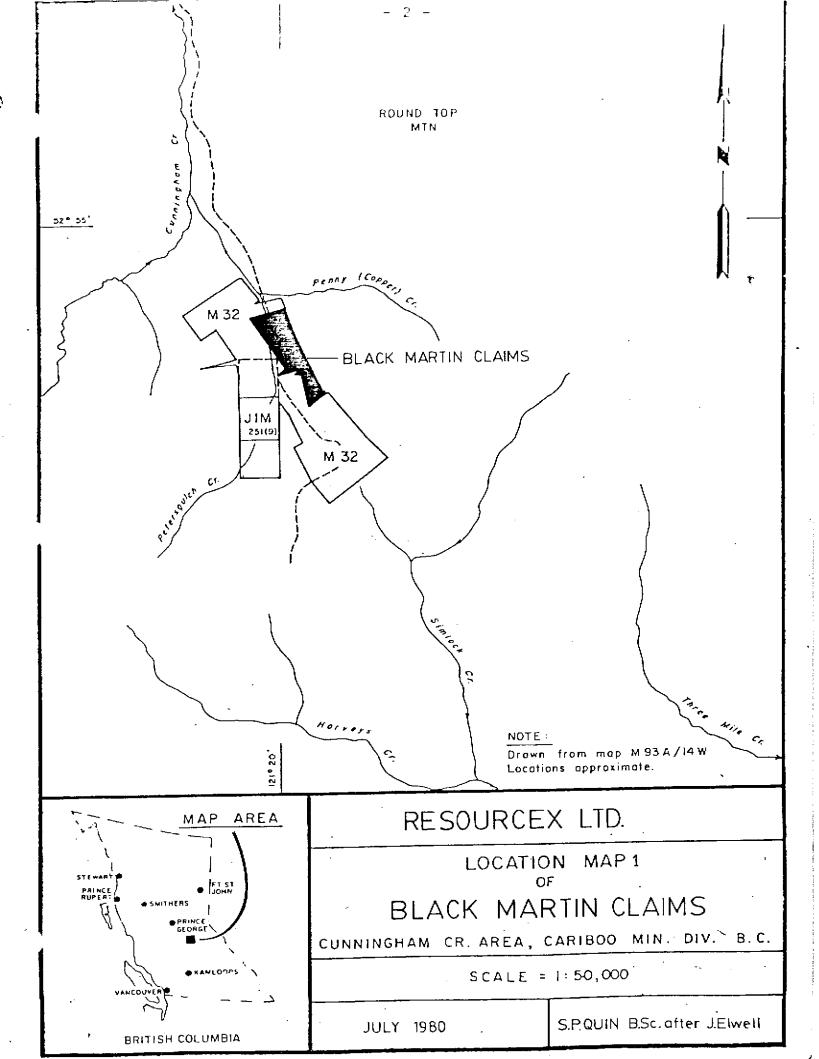
A Location Map accompanies this report (Map 1).

THE PROPERTY

The Black Martin property consists of 4 reverted Crown Grants that were held under Mineral Lease #M32 until 1974 when they were dropped from the Lease.

The details are;

Reverted C.G. Claims	Lot N ^O	Record NO
Black Martin #2	L5914	1129
Black Martin #1	L5915	1129
Black Martin #3	L5916	1128
Black Martin Fraction	L5918	1128



PROPERTY HISTORY

The Black Martin Lots were part of the M32 Mineral Lease in 1974 but were dropped by the owners, Resourcex Ltd. of Calgary, Alberta between their general survey in 1973 and the detailed study in 19762. They were reaquired by Resourcex Ltd. in 1979 as Mineral Claims.

PREVIOUS WORK

The only recorded work on the area consists of a geophysical and geochemical study by Resourcex in 1973 involving VLF EM, Magnetometer and soil surveys on a 400 ft. x 400 ft. grid over the whole M32 Mineral Lease, after which these Lots were dropped from the Lease.

Previous to this the only work consists of a general geological survey by S. Hollands in 1953³ which indicate the claims to be on the eastern limb of a syncline within the Showshoe Formation (Quartzite and Conglomerate). The area is possibly cut by a dextral shear zone -(see Map 2) - the Copper Creek Fault.

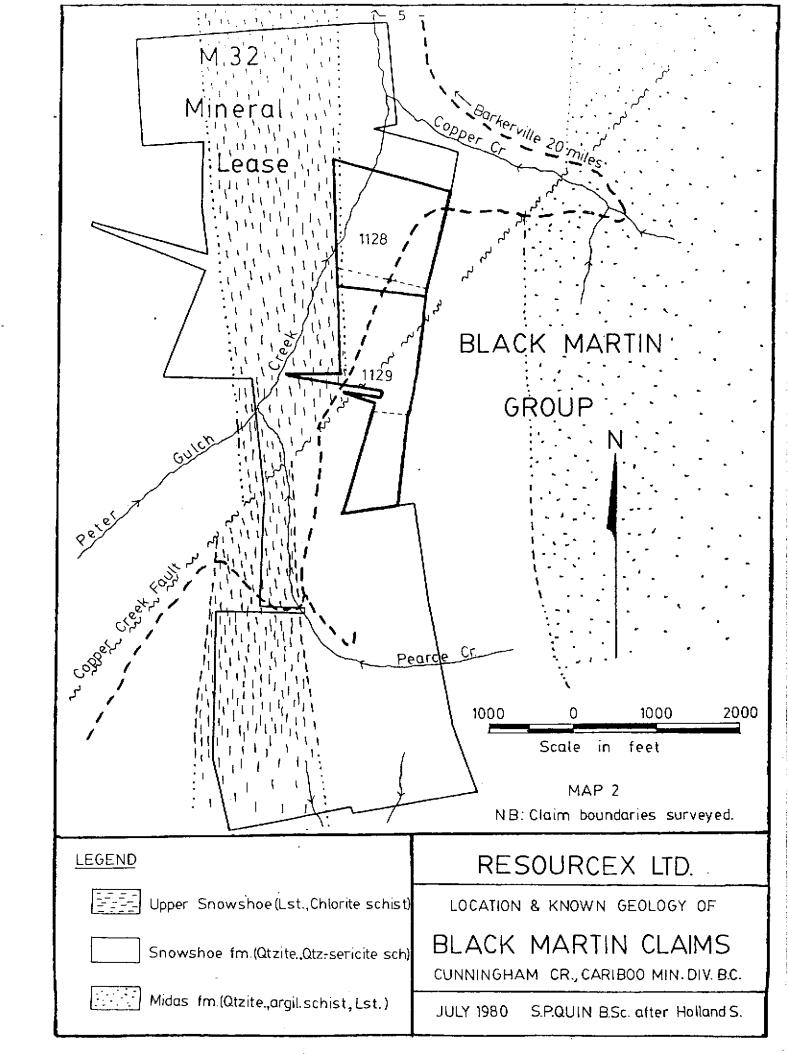
WORK DONE AND PERSONNEL

This report covers the 1979-80 field season.

On August 24th the author assisted by M. Dowad prospected along both banks of Peters Gulch Creek by soil sampling at 30m intervals from the B Horizon approximately 20m above the stream level. 17 samples were within the bounds of the Black Martin claims and were analysed for Pb, Ag, Au and W. Later in the season prospecting and sampling at 10m intervals was done along the Likely-Barkerville Road in the northernmost

Black Martin unit (Record Nº1128). 43 soil samples fall within the Black Martin claims and 6 rock chip samples of Quartz Vein Float or outcrop samples were analysed for Cu, Pb, 2n, Ag, Au and W.

The outcropping geology and presence of abundant float was noted for the whole of the two claim units.



THE RESULTS

The soil sample sites are given on Map 3 and the results as determined by Acme Analytical of 852 E. Hastings St., Vancouver given in Appendix 1. Maps 4-9 are worm plots of the results for Cu, Pb, Au, Ag, W and Zn respectively.

Rock chip sample sites are shown on Map 10 and the geochemical results given in Appendix 2.

DISCUSSION OF RESULTS

Apparently the area of most interest is the west side of Peters Gulch Creek where there are significant amounts of all four elements analysed for, namely Pb, Ag, Au and W. The highest values of all these elements occur in this stretch. But the author suspects that there may be considerable Hydromorphic contamination since the samples were taken from a flat almost terrace like area, above the stream, at the foot of a 200-300m high slope. The author suggests either resampling higher up or comparison of cold extraction and total extraction assay processes which could enable the separation of clastic and hydromorphic anomolies.

The anomaly of most interest on the east side of the creek is the strong gold-silver anomaly at \$80-\$82. There are two other anomalies, one at \$95 (Cu-Zn-Au) and at 561 (Ag) also worth further investigation.

GEOLOGY

Map 12 shows the author's interpretation of the outcrops

noted on Map 11, this interpretation is based on his previous experience in the locality.

The general pattern appears to be a syncline of Upper Snowshoe limestones and minor chlorite schists within a dominantly lower snowshoe area of Quartzites and Quartz Sericite Schists.

RECOMMENDATIONS

The three main anomalies on the 'S' line should be resampled and checked for a strike extension by sampling on a 5m E-W sparing to the North and South.

.Those probably Hydromorphic anomalies of the 'W' line should be checked as mentioned above.

Mark S.P. QuIN

CERTIFICATE

- I, Stephen Paul Quin, of 709-744 West Hastings, Vancouver, B.C., do hereby certify that
- 1. I am a Mining geologist of 709-744 West Hastings, Vancouver, B.C. with an office at this address.
- 2. I am a graduate in Mining Geology from the Royal School of Mines, London, Great Britain, and I am an associate of the said school.
- 3. I have 6 months prospecting and exploration experience in British Columbia with Invex Resources Ltd.
- 4. The above report is compiled from the given references on the authors personal experience of the property.

Dated at Vancouver, B.C. this 18th day of August, 1980.

S.P. QUIN, B.Sc., A.R.S.M.

March States

ITEMISED COSTS

SAMPLES

17 Soil Samples for Pb, Ag, Au and W at \$7.00	\$119.00
43 Soil Samples for Cu, Pb, Zn, Ag, Au and W at \$7.50 6 Rock Chip Samples for Cu, Pb, Zn, Ag, Au and	332.00
W at \$9.00	54.00
LABOUR 2 people, 1 day at \$85.00 p.d. each	170.00
BOARD AND LODGING 2 people, 2 nights at \$20.00	
p.d. each	80.00
TRANSPORT Blazer and Fuel 2 days	100.00
SAMPLE SHIPMENT	15.00
EQUIPMENT MISC. (Thread, bags, flagging etc.)	20.00
	\$890.00

APPENDIX 1
Soil Geochemistry

To Invex Resources Ltd., 709 - 744 W. Hastings St., Vancouver, B.C.

V6C 1A9

Assaying & Trace Analysis

E.2 F. Hasting: \$1, Valencie | 6 C. Visa 187 phone:253 - 3159

File No. 80	-601
Type of Sample	, _ Soils

GEOCHEMICAL ASSAY CERTIFICATE

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All reports are the confidencial property	of	clients
All results are in PPM.		
ESTION:		
DETERMINATION:		

DATE SAMPLES RECEIVED July 18, 1980

DATE REPORTS MAILED July 28, 1980

ASSAYER



To: Invex Resources Ltd.

Asseying & Trace Analysis

ESP E Harring St., Vancouver, E.C., V.A. thic phone: 253 - 3158

	File No.		80-601
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APPENDIX 2

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Rock Chip Geochemistry

Address & Time Andless.

To Invex Resources Ltd.,

ELEPTON OF THE WAR CONSTRUCTION OF THE phone 283 3365

	File No
, E	Type of Samples _ ROCKS
	Disposition

GEOCHEMICAL ASSAY CERTIFICAT

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DETERMINATION:

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REFERENCES

1.	Allen G.B. 1974	Geochemical and Geophysical Report on the Cunningham Creek Property (Resourcex)
2.	Allen G.B. 1977	Exploration Report for the Cunningham Creek Property(Resourcex)
3.	Elwell J.P. 1979	Report on the Cunningham Creek Property (Invex)
4.	Hollands S. 1954	Geology of the Yanks Peak and Roundtop Mountain Area, Cariboo District, B.C. (B.C. Dept. Mines Bull N°34)
5.	Quin S.P. 1980	B.Sc. Min. Geol. Thesis for Royal

School of Mines, London, U.K.

