

LOG NO: 24-01

RD.

ACTION:

FILE NO:

PROSPECTING

AND

GEOCHEMICAL SAMPLING

CLAIMS

DECE 1 - 10

DECE FR. 1 - 2

DOME MOUNTAIN

DOMINICA MINING DIVISION

NTS MAP 93 L /10
QUICK

UTM GRID CO-ORDINATES
OF SOUTHEAST CORNER
653200 EAST 6065300 NORTH

LATITUDE 54' 42" N LONGITUDE 126' 38" W

CLAIM SIZE
2 NORTH * 5 WEST
FRACTION ON SOUTH AND WEST BORDERS
12 UNITS

COMMODITY - GOLD -

DECEMBER 1990

OWNERS

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20,862

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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INTRODUCTION

The DECE 1-10 and fractions are located in west central B.C. in the Omineca Mining Division, NTS Map 93 L /10. The principal topographic feature in the area is Deception Lake, the claims are 700 metres north of the north-western portion of the lake. The claim block is 12 units. 2 north * 5 west, and fractions on the south and west borders.

The Claim is 1 km south of the central mineral deposit in the DOME MOUNTAIN CAMP.

Dome Mtn. is currently in the feasibility stage and is expected to go to production soon.

Outlying areas of mineral potential are currently being explored in the attempt to increase reserves.

Dome Mtn. vein characteristics trend north west and dip steeply to the north east or south west.

They occur in phyllitic Tuff of Telkwa formation. Veins parallel and crosscut the foliation.

The Free Gold claim veins are hosted by andesite and quartz feldspar porphyry intrusive.

Veins are 3 cm to 3 metres in width, lenticular and locally folded and brecciated. In the most intense altered zones green sericite occurs.

LOCATION and ACCESS

The DECE claim is located in west central B.C. in the Omineca Mining Division, 34 km east southeast of the town of Smithers, and 33 km north of the town of Houston, NTS Map 93 L /10. The principal topographic feature in the area is Deception Lake, 4 km SSE of the Dome Mtn. peak.

Access to the property is by road from Smithers on the Babine Lk. road 41km to Chapman Lk. south Rd. to km 64, then by secondary logging road south and west on a series of logging roads for approx. 9 km, to the claim block which is situated in a logging sale. Another route is available from the Round Lake farming district but this is not recommended as it is rather rough going around Guess Lk.

Helicopter access is available from several bases located in Smithers.

The town of Smithers is supportive of the mineral industry with a major supply centre located here. The government facilities include a sub-recording office and the Department of Energy, Mines and Resources.

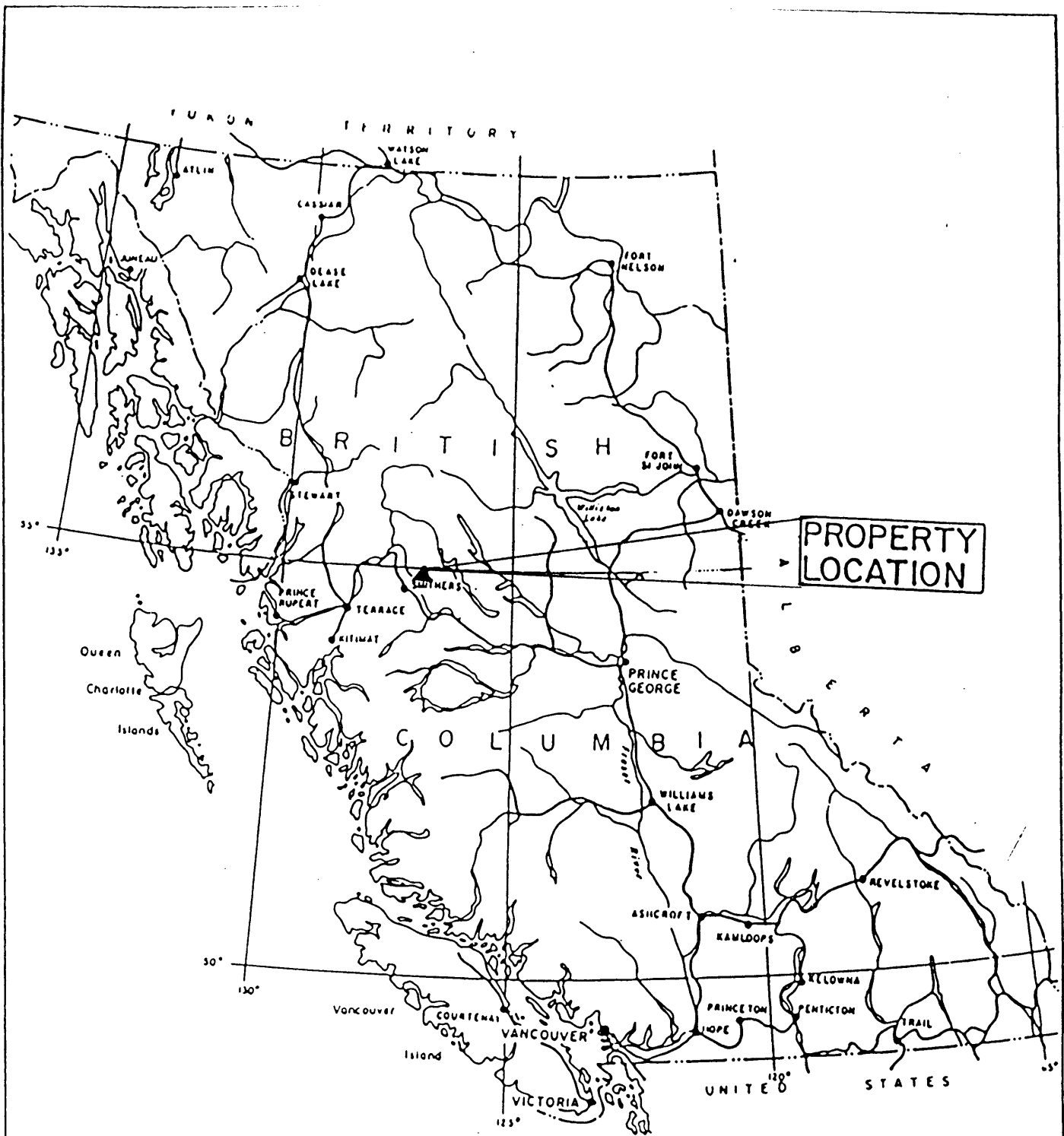
PHYSIOGRAPHY

The property lies within 3600' and 4700 feet elevation. The terrain is generally moderate to gently sloping with flat dry and marshy ground in the eastern low region. South exposure with numerous secondary roads from past logging activity. Most of the claim has been selectively logged, and the forest is well timbered with balsam, spruce, pine and poplar.

CLAIM STATUS

The Dece 1-8 claim was staked on November 7 1989, Dece 9,10 and Dece Fr.1,2 staked December 6, 1989, by R. Keefe and D. Ethier. Record numbers 10768-10775,11318-11321.

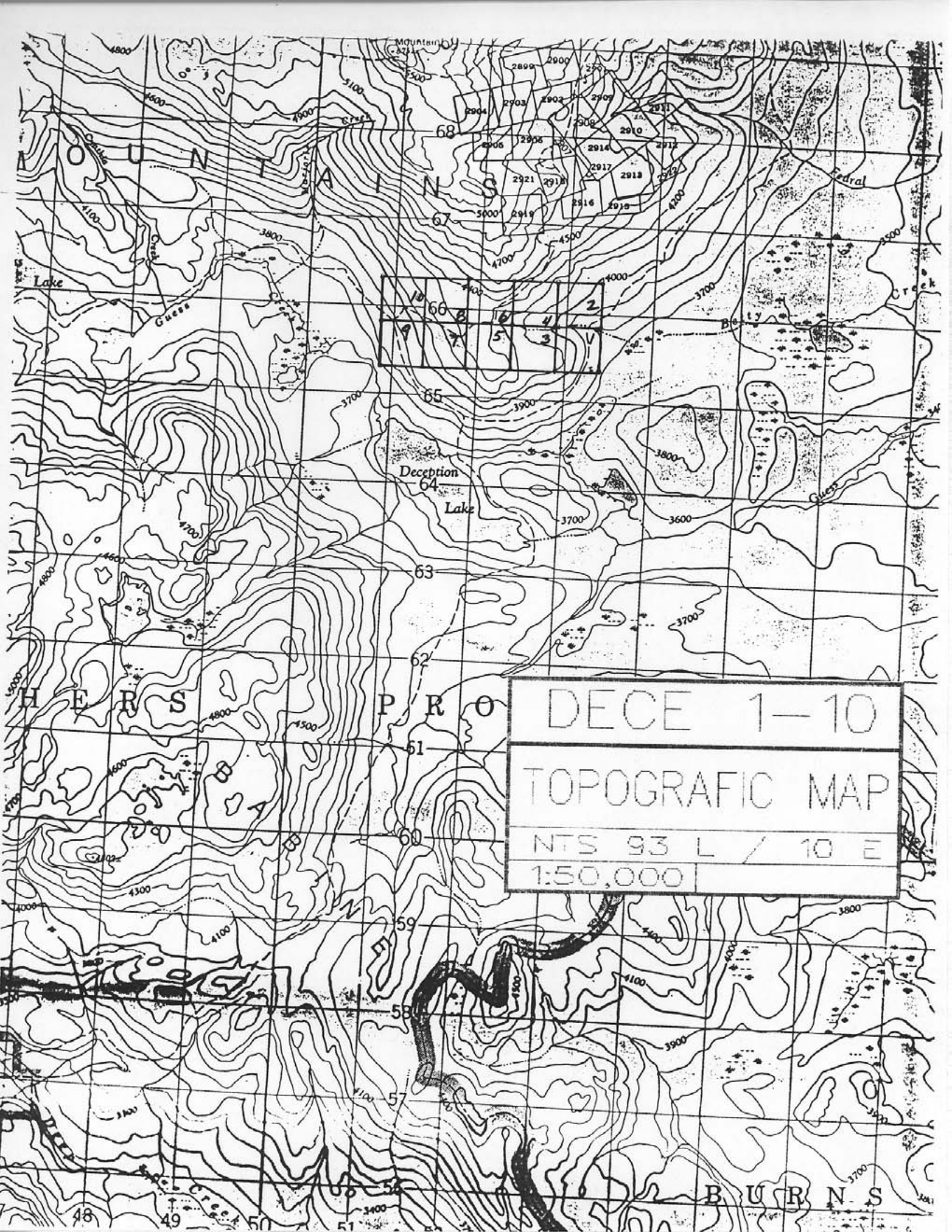
Current expiry date is November 7, 1990. The claims are in good standing with no liens or encumbrances.



PROPERTY LOCATION

LOCATION MAP
 DECE CLAIMS

SCALE AS SHOWN	DATE
	FIGURE NO.



DECE 1-10
TOPOGRAPHIC MAP
NTS 93 L / 10 E
1:50,000

PROPERTY HISTORY

Dece 1-10, Dece Fr. 1&2, was previous known as the C.I.A. claims

GEOLOGY

There is ample information available on the Dome Mtn Camp geology in regional and specific reports. Please refer to Ministry of Energy Mines and Petroleum Resources, Geological Fieldwork, 1986, Paper 1987-1, for a detailed, professional discussion of this area.

Outcrops of altered qtz. porphory and porphyritic qtz. monzonite, with related qtz. veining have been reported on Dome Mtn. The claims are underlain by greywacke, graphitic argillite and dacite to andesitic tuffs and flow rocks possibly belonging to the Nilkitkwa Formation. No detailed geologic information is available for the property area and outcrop exposure is limited. (Holland Ass. report 15,148)

MINERALIZATION

During the 1990 prospecting season several zones of quartz veining were found, in the north central area of the claim these veins had considerable amounts of chlorite shist up to 50 %. Numerous veins ranging from 3cm to 1 metre width, running parallel on the north-west trend, About 500 metres to either side of the qtz. zone there is quartz feldspar porphory carrying pyrite and pyrrotitte.

Sample Description

Sept. 6 /90

Dece 100 f

Float rock, upturned root, qtz carbonate, cherty, limonite pyrite, dark blemishes possible mineral 3860 ft. elev., North on road approx. 200 m from camp which is on the east edge of the claim Dece 1 at the junction of the road and the creek.

head west, small stream poking through the moss, follow it, approx. 100m, rusty qtz. in cr. float.

Dece 101

20 m below station L 90+50 N, 83+50 E of the Noranda soil grid. Bedrock, argillic alteration, bleached very soft shear fractures, very fine grained pyrite hem., white mica, chlorite.

Dece 102

At station L 90+50 N , 83+50 E of the Noranda soil grid. elev. 4300 ft. Bedrock, alteration tends toward silica almost agate, dark blemishes possible Zn minor pyrite,

Dece 103

just north of the claim line between Babs #5 25m. at 4350 ft elev., above old road. Outcrop is altered, a blue grey rock with qtz. eyes. There are numerous qtz veins striking 290' @ 85' N. High density of chlorite and calcite possible siderite. paralell vein system and shear zones from 2 " to 10 " 4 veins noted.

same area, road fill has platy shisty sediments - shale with limonite and calcite. Contact zone seds and porphyr. Claim line and road intersect here.

Dece 104

float, on road, rusty qtz. below 103.

Dece 105

elev. 4500 ft. the road follows the base of a grassy slope. o/c is 60 vertical feet above road and 30 metres from east side tree line. Large 1 ft² qtz float with 5-10 % chlorite in masses within qtz. and in bands, float is very residual (origin within 50 metres) numerous veins to the east.
green porphory fsp altered?

Dece 106

chip over 16 " of a 2 ft. vein mix of qtz + chl shist. qtz comes and goes same as shist but its either or the other in the vein, the vein also pinches and swells. strike 290' 85' N . 4350 ft elev. 100 m east of 105.

Dece 107

qtz. calcite vein approx. 4 " @ 290'. several paralell veins with chlorite. located below cliff 50m and 25m east, approx. 125m from trench, 50 m east of post 2 West. hornblende feldspar porphory.

Dece 108

At the top of the slash, near discovery (sample 10 1989), follow road back and uphill half way along find numerous small veins with hemititte. altered volcanic - blue green. sample is representative of vein 2-3 " wide, 290'.

Dece 109

following claim line of Dece between 2N & 3N, 2N + 150m qtz., chlorite, hemititte, pyrite 3 - 4 " vein 290' in altered volcanics.

Dece 110

float 75 - 100 metres from fire gaurd in discovery corner and claim line. Qtz stockwork, limonite, chlorite. -- sample lost --

Dece 111

along skid road heading west near the lcp of Dece 50-75 metres up road. chlorite shist limonite enriched some silica.

Dece 112

same area as 111. qtz enriched with limonite in vugs.

Dece 113

junction of LCP road and main road to camp, North of LCP. qtz, stockwork pyrite kylanite ,blob of malachite in clay.

Dece 114

common geology rock, intrusive, feldspar porphory. shist. RK

Dece 115

100m north of 2 W post on south claim line. qtz. limonite.

Dece 116

175m north of 2 W , hornblende chlorite porphory.

Dece 117

100m north of .112, qtz vein 6-8" stockwork.

INTERPRETATION and CONCLUSIONS

Previous prospecting to the south on the Dece claim in 1989 showed strong indications of the Dome Mtn. system in the qtz veining. The work done in 1990 on the Dece 1-12 was geared to further develop the known shows and tie together the geological data as well as the mineral occurrences to acquire a composite map. This map will be used as the base for interpreting past geophysical and geochemical info. Research shows that a geochemical and geophysical anomalous zones occur within the property.

The discovery and exposure of numerous quartz veins, many of which show shear activity containing high concentrations of chlorite, and large alteration zones.

The qtz chlorite veins are numerous and geochemical analysis show Au values at 0.1g/t. This area requires a sampling program of the rock and a mini soil grid.

Past geochemical data show anomalous zones that correspond to the geophysical zones. The geochem is weak and spotty but this is normal with the general responses expected in the Dome Mtn camp.

AUTHOUR'S STATEMENT

I, Daniel Ethier am a Prospector , with residence at 3644 3rd ave., Box 184, Smithers B.C. VOJ-2N0.

I have worked in exploration activities since 1979.

I have been an independent prospector since 1983.

I have worked as a prospector for Tom Richard's Prospecting, 1986 -1988.

I am a graduate of the Advanced Prospecting Course of Malaspina College 1987.

I am a graduate of the Petrology for Prospectors, 1990 Smithers, B.C. Instructor T.A. Richards

I am sole owner and operator of Ethier Exploration.

STATEMENT OF COSTS

September 6, 7. 1990

D. Ethier prospector, 2 days @ \$200./day		400.00
R. Keefe prospector, 2 days @ \$200./day		400.00
Camp, supplies,	2 days @ 60./day	120.00
Groceries	4 man days @ 21./day	84.00
3/4 ton 4X4 truck	2 days @ \$75./day	225.00
3/4 ton 4X4 truck	2 days @ \$75./day	225.00
A.T.V.	2 days @ \$35./day	70.00
Fuel		120.00
Geochemical analysis	16 samples	288.00
Report preparation, typing		100.00
Drafting		100.00

		2132.00
P.A.C. account	14%	298.48
of D. Ethier		-----
		2430.48

TOTAL APPLICABLE TO ASSESSMENT REPORT

for 2 years

\$ 2400.00

DEPT Coal

EQUITY SILVER MINES LIMITED

ASSAY CERTIFICATE

Attention:

Mine Manager _____ Engineering
 Mill Supt. _____ Geology _____
 Pit Supt. _____ Mill _____
 Plant Supt. _____ Gold Plant _____
 Adm. Supt. _____ Metallurgy _____

DATE Oct 30/70

SAMPLE	Cu	Ag	Au	Sb	As	Fe	Pb	Zn	Bi
	%	g/t	g/t	%	%	%	%	%	%
11452	↓	1	.03	101	↓	2.72	↓	TR	R.K. DEC 101
58	↓	1	.03	.01	↓	.53	↓	N/D	DEC 101
59	TR	1	⑩	.01	↓	TR	↓	TR	103
60	N/D	N/D	.03	N/D	N/D	2.08	TR	N/D	107
61	N/D	2	.03	TR	↓	1.12	N/D	N/D	108
62	TR	N/D	.02	.01	↓	2.77	↓	.01	102
63	N/D	↓	.02	N/D	↓	.99	↓	N/D	104
64	N/D	↓	.03	↓	↓	.58	↓	↓	105
65	TR	3	.03	↓	TR	1.55	↓	↓	111
66	N/D	N/D	.02	.01	N/D	.20	↓	↓	116
67	TR	4	.03	N/D	↓	2.61	↓	↓	106
68	N/D	N/D	.02	101	↓	1.92	↓	↓	117
69	N/D	N/D	.02	N/D	↓	.33	↓	↓	115
70	↓	1	.03	TR	TR	1.89	↓	↓	114
71	↓	2	.02	TR	N/D	1.83	↓	↓	113
72	TR	3	.02	N/D	↓	3.18	↓	↓	112

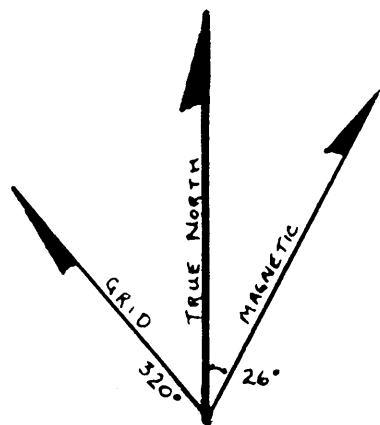
DECE 1-10

SAMPLE LOCATIONS

NTS 93 L / 10 E

1:5,000 DEC/90

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LEGEND

- Claim Boundary
- Claim Post
- Grid Lines-Soil
- Main Roads/Minor Roads.
- Creek.
- 1989 Sample Locations
- △ Soil Anomaly
- ⋯ I.P. Conductor
- + 1990 Sample Locations

