

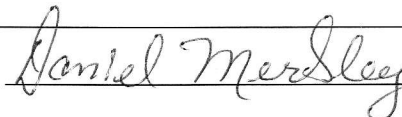
Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: TRUE FISSURE PROSPECT ROCK GEOCHEMISTRY TOTAL COST: \$2,490.00

AUTHOR(S): Daniel Merkley

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

YEAR OF WORK: 2013

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5460657

PROPERTY NAME: True Fissure

CLAIM NAME(S) (on which the work was done): True Fissure (Tenure number: 554673)

COMMODITIES SOUGHT: Ag, Au, Zn, Pb, Cu, Mn

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: N/A

MINING DIVISION: Omineca

NTS/BCGS: 093M/035

LATITUDE: 55 ° 22 ' 327 " LONGITUDE: 127 ° 02 ' 185 " (at centre of work)

OWNER(S):

1) Daniel Morice Merkley

2)

MAILING ADDRESS:

3313 Hwy 16 E

Houston, BC; V0J 1Z2

OPERATOR(S) [who paid for the work]:

1) Daniel Merkley

2)

MAILING ADDRESS:

Same

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Bowser Lake Group; Upper Jurassic; Northwest Folds; Westerly Dip; Hornfelsed; Tetrahedrite, Sphalerite, Galena, Chalcocopyrite, Gold; Vein: 0.8 metre X 1 kilometre X 70+ metre; Strike 75 deg. azimuth, Dip 70 deg. southerly.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 8338, 11558, 13091

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil			
Silt			
Rock	2 samples, multielement	True Fissure 554673	\$2,490.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
TOTAL COST:			\$2,490.00

TRUE FISSURE PROSPECT

ROCK GEOCHEMISTRY

2013

BC Geological Survey
Assessment Report
34366

OMINECA MINING DIVISION, BRITISH COLUMBIA
NTS: 093M035
LATITUDE: 55° 22' 327" N LONGITUDE: 127° 02' 185" W
GPS: NAD 83 UTM ZONE 9
NORTHING: 624434 EASTING: 6137956

OWNERS: WILLIAM RAY MERKLEY & DANIEL MORICE MERKLEY

REPORT BY DANIEL MERKLEY

OCTOBER 2013

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MAPS

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INTRODUCTION:

The True Fissure tenure consists of 8 contiguous cells with a 2N X 4W configuration situated on the southeastern slope of Mt. Thoen approximately 64 km north of Smithers, British Columbia, Canada. A high-grade silver vein with zinc, lead, copper and gold values has been traced for approximately 1 km on the steep westerly slope of True Fissure Basin and easterly across a lower meadow.

On the 28th of August, 2013, three men were flown to and from the property by Canadian Helicopters Ltd., based in Smithers, British Columbia. Accurate GPS location of the old workings were recorded, represented ore samples taken and relevant photographs taken to supplement future exploration.

LOCATION:

The True Fissure prospect is located approximately 64 kilometers north of Smithers, British Columbia, Canada, on the southeastern slope of Mt. Thoen. The old workings are centered at an elevation of 1688 metres on the western slope of a topographical feature known locally and cited in former reports as True Fissure Basin. NTS and GPS location of the central workings on the vein are as follows:

NTS: 55° 22' 327"/127° 02' 185"

GPS: 0624434/6137956

ACCESS:

Turning east of highway 16 southeast of Hazelton, British Columbia at Mudflat Creek and traveling the Suskwa Forest Service Road, then turning east again onto the Denison Main Road brings one to a point approximately 3 km south of the True Fissure Property. The original pack trail that accessed the property approaches the logging road at this point; the pack trail zigzags up the southern slope of Mt. Thoen for approximately 3 km to the workings.

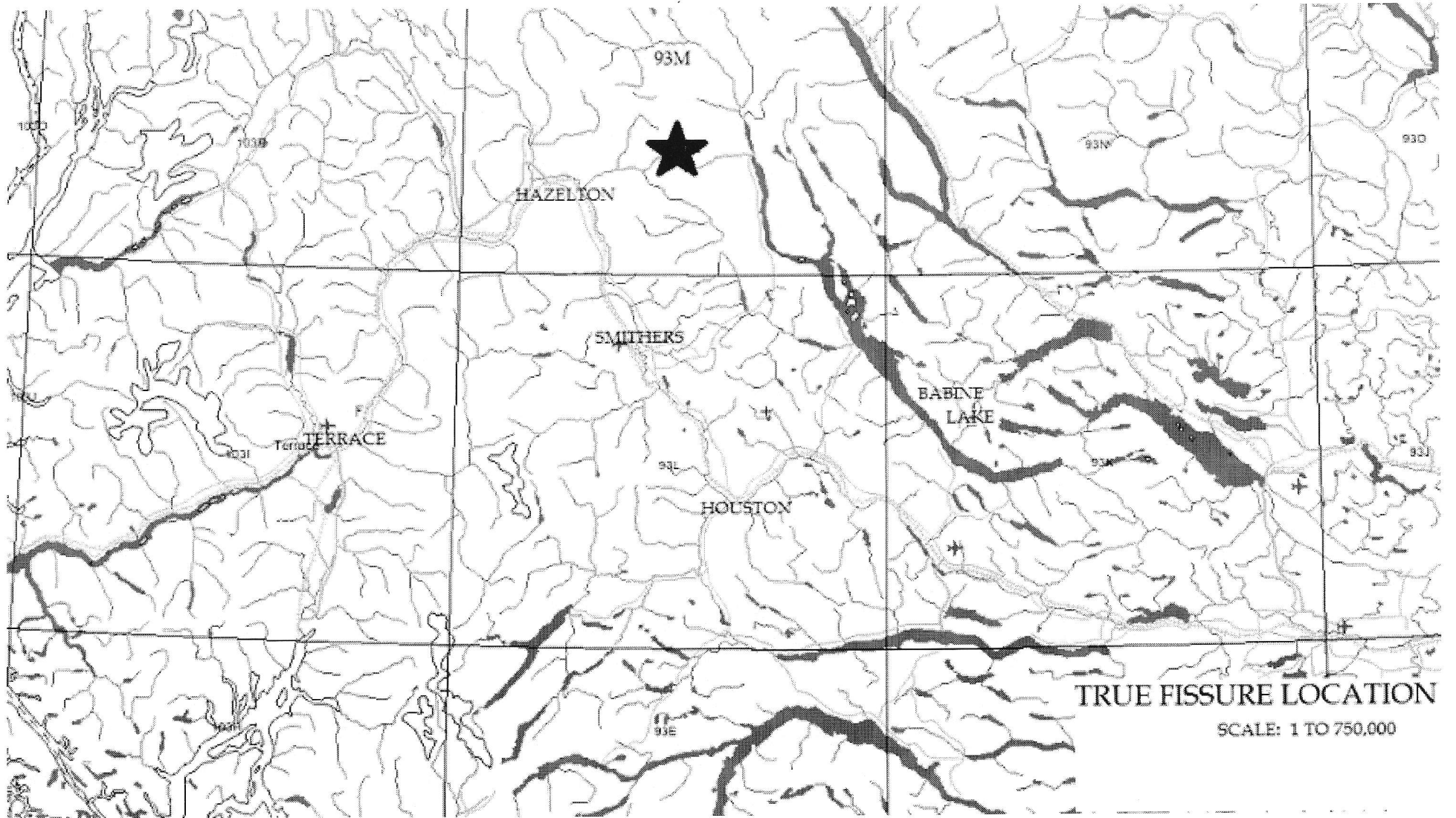
Presently, access is provided by helicopter from Smithers, British Columbia. Flight time is approximately 25 minutes and distance is 64 kilometres.

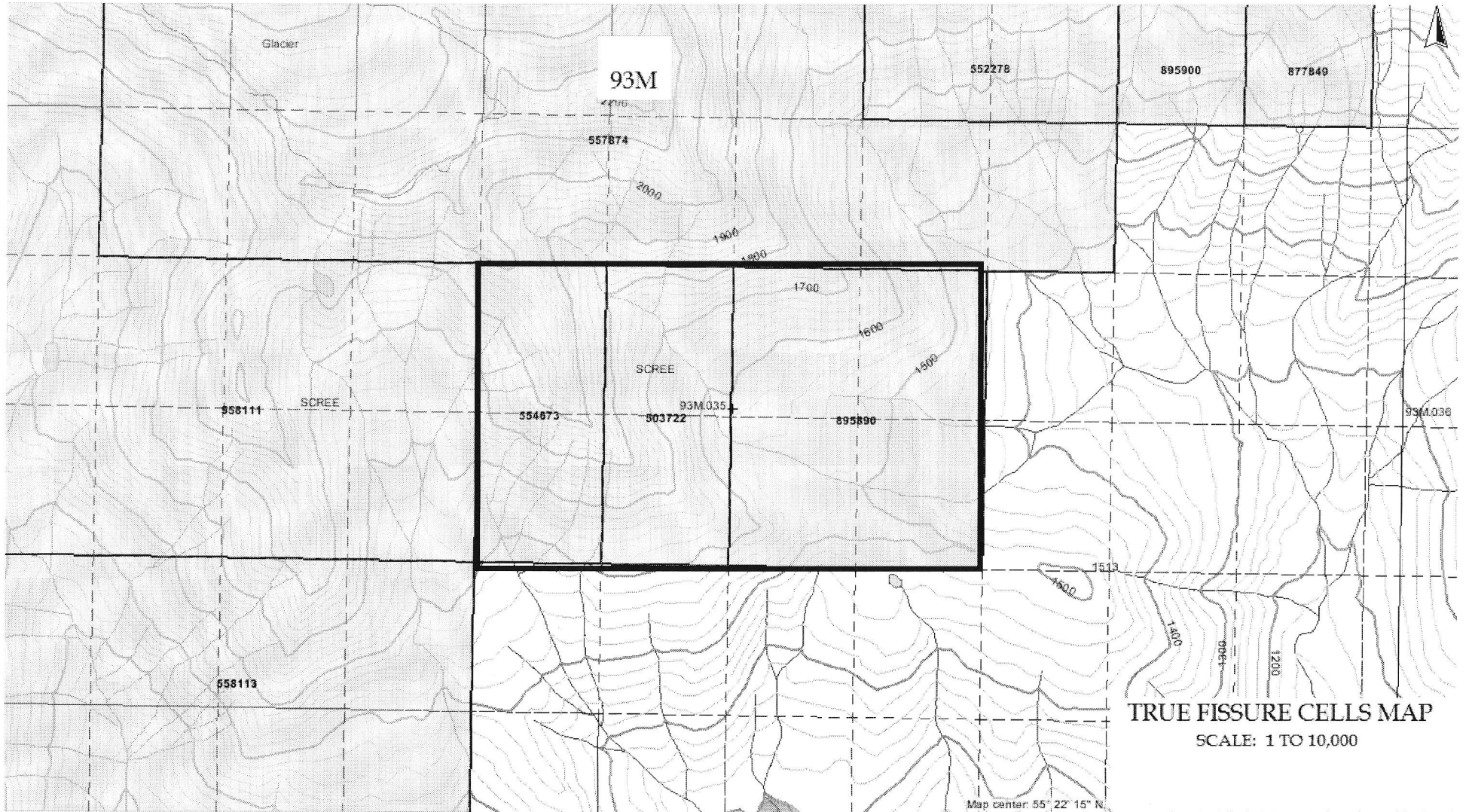
HISTORY:

1922 - 1929	Gordon McLennan & Pete Jennings	Open cuts and 15 metre adit
1979	Lorne Warren	Ownership
1980	D. Groot Logging Ltd.	Geological Mapping, Rock Sampling, Self Potential Survey
1982	M. Richard Barclay	Ownership
1983	Amir Mines Ltd.	Property Examination
1983	Bema Industries Ltd.	Sampling, Mapping, Prospecting
2005-2013	Daniel Merkley & William Merkley	Ownership, Rock Geochemistry, Mapping, Photography.

TENURE STATUS:

CLAIM NAME	PROFILE	TENURE NUMBER	OLD EXPIRY	NEW EXPIRY
True Fissure	2N X 2W	895890	2013/Sep/02	2016/Aug/30
True Fissure	2N X 1W	554673	2013/Jul/30	2016/Aug/30
True Fissure	2N X 1W	503722	2013/Jul/30	2016/Aug/30







www.acmelab.com

Acme Analytical Laboratories (Vancouver) Ltd.
 9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
 PHONE (604) 253-3158

Client: **Merkley, Dan**
 3313 Hwy 16 E
 Houston BC V0J 1Z2 CANADA

Project: Suskwa
 Report Date: August 17, 2013

Page: 2 of 2 Part: 1 of 3

CERTIFICATE OF ANALYSIS

SMI13000127.1

Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	
OK20131	Rock	0.15	0.38	280.3	>10000	>10000	>100000	<0.1	1.1	>10000	7.99	8.2	0.2	130.3	<0.1	3.5	459.9	>2000	0.12	2	0.24
OK20132	Rock	0.26	0.74	280.3	>10000	>10000	>100000	<0.1	1.0	>10000	16.44	22.4	0.1	96.9	<0.1	3.3	948.6	931.2	0.20	2	0.56
TF20131	Rock	0.16	0.34	114.7	2851	>10000	85673	2.5	23.3	>10000	39.85	6066	<0.1	820.2	<0.1	1.3	136.4	360.2	0.77	3	0.09
TF20132	Rock	0.24	0.47	124.0	>10000	>10000	98319	1.0	7.3	>10000	27.47	214.2	<0.1	47.0	<0.1	21.1	221.9	>2000	2.03	4	2.20

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	
MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.02	0.1	
OK20131	Rock	<0.001	<0.5	0.5	0.19	32.7	<0.001	<1	0.01	0.001	<0.01	<0.1	0.3	0.19	>5	1561	0.5	0.90	4.0	<0.02	
OK20132	Rock	<0.001	<0.5	0.5	0.43	2.4	<0.001	<1	<0.01	0.004	<0.01	<0.1	<0.1	0.11	>5	1727	0.6	0.03	4.9	<0.02	
TF20131	Rock	<0.001	0.8	0.7	0.07	2.6	<0.001	<1	0.02	0.002	<0.01	<0.1	0.9	0.03	>5	285	0.9	0.04	2.5	0.10	
TF20132	Rock	0.002	<0.5	<0.5	1.31	16.4	<0.001	3	0.07	0.005	0.03	<0.1	0.5	0.24	1.39	325	2.0	1.31	3.1	0.44	

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Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL	0.02	0.02	0.1	0.1	0.05	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
OK20131 Rock	<0.02	<0.02	<0.1	>100	<0.05	<0.1	1.27	0.6	<0.02	<1	<0.1	<0.1	<10	<2
OK20132 Rock	<0.02	0.04	0.1	73.0	<0.05	0.1	2.75	1.0	0.30	<1	<0.1	<0.1	<10	<2
TF20131 Rock	<0.02	<0.02	0.4	0.7	<0.05	<0.1	11.05	3.1	0.25	<1	<0.1	0.1	<10	<2
TF20132 Rock	<0.02	<0.02	1.9	2.7	<0.05	0.1	7.88	4.6	0.55	<1	<0.1	0.5	<10	<2

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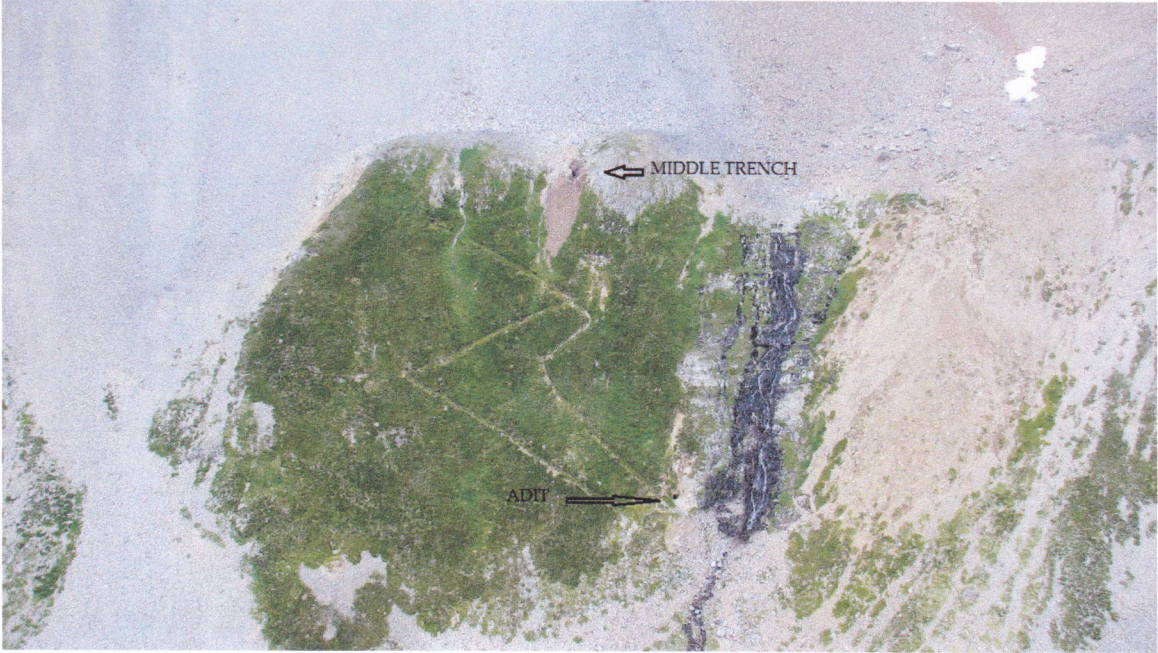


TRUE FISSURE BASIN

The old trail which leads from the lower adit to the middle trench is visible in the green patch of moss and grass near the lower western (center-left) slope of the basin. Above this feature, near the top of the photograph, and to the west (left) of the snow patches near the upper area of the basin the steep gossan which corresponds to the lower vein is visible. The hypothetical “other vein” lays to the left of this gossan and together they form a large “Y”.

The visible dip of the rock units suggest the veins traverse an anticline. Because the true fissure vein has been traced by geophysics across the lower meadow for several hundred metres—and does not conform or become disrupted when traversing the anticline—the vein must be a true fissure vein and not bedded. Further evidence which supports this conclusion is the apparent steep dip of the vein in contrast to the shallow dip of adjacent sedimentary strata.

A snow runoff water source for future drilling is visible at the center-bottom of the photograph.



OLD FOOT PATH WHICH LEADS TO TRUE FISSURE MIDDLE TRENCH (TOP)
AND ADIT (BOTTOM)



TRUE FISSURE VEIN GOSSAN VISIBLE WHERE IT TRAVERSES STEEP BLUFF
ABOVE MIDDLE TRENCH

CONCLUSION:

Examination and rock sampling of the True Fissure prospect resulted in the following 5 Conclusions:

- (1) There are possibly 2 veins on the property rather than just one; they possibly transect at a point near the middle trench, which is approximately 170 metres above the adit. This is evident by the appearance of two gossanous fissures on the rock face above the old workings. The one vein apparently dips steeply to the northeast; the other dips steeply to the southwest. This hypothesis is also supported by the apparent dissimilarity between the ore from the middle trench and that from the lower adit. Samples from the adit contain a much higher percentage of galena than those taken from the middle trench, where galena appears negligible.
- (2) The assay values for silver received from the middle trench by past examinations correspond to the values received during this examination: both studies showed silver values slightly greater than 3 ounces per tonne.
- (3) The assay returned high values for antimony, which corresponds to silver values and the presence of tetrahedrite.
- (4) The assay showed important values for gold.
- (5) The assay indicated high values for manganese, which corresponds to past reports of rhodonite gangue present in the vein.

TRUE FISSURE EXPEDITURES

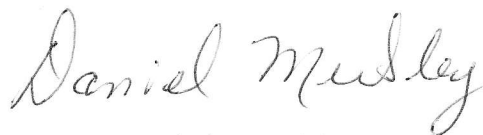
HELICOPTER.	\$500.00
2 SENIOR PROSPECTORS (\$500 X 2 X 1 DAY)	\$1000.00
1 NEOPHYTE PROSPECTOR (\$250.00 X 1 DAY)	\$250.00
PICKUP (\$50 X 1 DAY)	\$50.00
PROVISIONS	\$90.00
REPORT PREPARATION	\$500.00
<u>ASSAY</u>	<u>\$100.00</u>
TOTAL	\$2,490.00

AUTHOR'S QUALIFICATIONS

I, Daniel Merkley, do hereby certify that:

- (1) I am a prospector and reside at 3313 Hwy 16 E, Houston, B. C.
- (2) I have more than 40 years of prospecting experience
- (3) I am familiar with rock and soil geochemical sample collection
- (4) I prepared this report

Respectfully submitted



Daniel Merkley
Prospector