

RE: Wasi-Beveley  
Property

Dec 21, 1978

Corby Stanley

Merim Management Ltd over

Suzie, Gillian &amp; \_\_\_\_\_

Corporate Management - oversee all management.

Dick Hughes &amp; Frank Lang.

Parted ways &amp; " " out of Suzie &amp; Gillian

1<sup>st</sup> season '75 - Geochem Pb & Zn anomalies2<sup>nd</sup> season - summer of '76

Suzie - Au Mines - but Au property dropped &amp;

names changed to Suzie Mines.

Showing by Wasi Lake called Corie Claims.

Roy Phendler recommends program " "

(1) Geochem expanded

(2) Geology map. - Bob Potter did geology.

(3) Gravity. - 2 milligal anomaly near geochem.

In fall of 76 started to look at whole area.

Obtained Beveley from Ralph Hill.

Staked till had 200+ claims

Summer '77 -

Craig Leitch - geologist 1978.

Started drilling with Newbie

Sept → Oct 8 holes on Beveley side.

#8 hole in new anomaly discovered by I.P.  
nickel dolomite breccia - Bullseye anomaly  
+2' 338 Pb, ~~Ag~~ 22.60 oz. Ag.

Keith starts ca March 1978.

Drilling programs end May.

upto Hole 26. - \$60,000 in debt.

+ Craig Leitch -

+ Don Bragg - Director - supervised drilling - made suggestions

As result:

Keith's report - based on Leitch's work.

Keith 261-6426 home  
681-2396 office

Dec 22, 1978

## Phone Wally

- (1) Suzie - Phoned Corby Stanley who visited me yesterday and brought large amounts of data. Was area where I worked. Much money has been wasted but they now have Keith Fahmi doing - data - Keith very good.

Will visit Keith briefly today, and try to get general idea of potential tonnage & grade.

Very <sup>obscure</sup> complicated geology, but some chance it is now being worked out.

## (2) Conola -

- (1) Possibility of smaller high grade deposit.
- (2) Ray thinks Ken might make deal now.

(3) Some difficulty transferring graystreak from magnetic map to Ray's detail road survey.

(4) R.H. Mayes - Rossland - Rossland.

Dec 24, 1978.

Keith Fahrni report on Suzie - Sept 11, 1978

BC MoM - 1973 - Jack Garnett. - in History, p 392, old work by

① Cominco (1947-1951)

- (a) mapped the property
- (b) 8000' hand trenching
- (c) 12 diamond drill holes.

② Vinneedge (of Pinchi) + Leggatt (original Cominco prospector in 1946)  
"opened up additional zones of mineralization (1966)

③ Above optioned the property to Donna Mines (which they were principals)  
and in 2 years (1967-68?) did:

- (a) 10 miles of access road
- (b) Geological and geophysical surveys
- (c) 6700' of bulldozer trenching
- (d) 19000' of backhoe trenching.
- (e) 1000' adit under E Zone
- (f) 200' percussion hole
- (g) 3 dd holes totalling 500'

Option dropped & all data turned over to R Hall, one of original partners of E.D. Vinneedge & Assoc.

Thinks structure is tight NW to N trending "flexural flow folds" w shallow, undulating plunge directions. & that there is a spatial relationship between "hinge zones of antiforms" (crests of anticlines?) & "the lenticular zones of mineralization"

Refers to McCammon (MoM, BC - 1952 pp 98-109). Major structure of area is

a NW<sup>ly</sup> trending anticline plunging gently northward  
Garnets, <sup>best</sup> samples all  $\approx$  5% Ag; 2.8% Pb; 4.0% Zn except "selected" grabs higher.

Say that Paul is very impressed with Keith Fahrni, has read report of Keith where Keith reviews work of June July Aug 1968, but because of enormous amount of previous work on property, & Keith's great ability to assemble data, would like to put off decision until Keith has reviewed all the data to date.

Keith Fahrni - Sept 11, 1978.

Reviewed results of work carried out on the company property

- (3) Mineralization occurs as irregular areas in the dolomite
- (2) Dolomitization appears to favour the upper portion of the main limestone member.
- (1) Pb Zn Ag mineralization is related to <sup>loc.</sup> dolomitized parts of a sequence of limestone of limited thickness that has been cut up by faulting & thickened by folding so it is exposed over a vertical range of ca 700 metres.

An argillite sequence is usually found above the dolomite and mineralization

A thick silicified dolomite breccia unit lies above the argillite. Beneath the limestone lies a "basement" of schist, siltstones and quartzites exposed at the bottom of the hillside and at the top where they ~~have~~ have been uplifted by the Camp Fault.

## Conclusions

- (1) The mineralized material occurs mainly as irregular patches in a single stratigraphic horizon ~~of the rock~~ which has been warped by folding and block faulted to give the present complex outcrop picture.
- (2) The mineralized stratum is probably < 50 m. thick and possibly less than 20 m. thick.
- (3) Four areas show enough continuity in surface trenches & outcrops to justify diamond drilling.
- (4) 3 of the 4 areas are Beveley zones which when calculated,



assuming a thickness of 20 metres represent  $\approx$  3,000,000 tonnes of mineralized material.

5. The zones should be re sampled to check old assays.

6. Metallurgical bench tests should be done.

### Recommendations:

(1) The work be ~~done~~ continued.

(2) It be done now (Fall, 78) before winter sets in.

Early history - Mineralization in Area discovered by Cominco in 1927

Keith assessed <sup>drilling</sup> results to date on June 26, 1978

110,000<sup>T</sup> of potential ore 1.42% Pb, 2.24% Zn, 1.06 oz Ag.

After breakup, spring 1978, work was a geological study to be followed by further drilling.

Fall, 1977 - Geological Report by Bill Smitheringale

March 1978 - Petrographic Notes " " "

June 1978 - Craig Leitch - started to study geology.

Prelim report by " " - on July 4<sup>th</sup>.

P-20 - intensely faulted in several directions - difficult to find a block of rock 50 m x 50 m not bounded by faults. Throw on normal faults is mainly of 10-20 m vertically, though some may be up to 50m. Main Beveley fault  $\approx$  100 m.

P 22 - Roots (1954) described an intrusive plug. This is a series of dykes (or sills or both) striking || to the Camp Fault system, and always in the schist group rocks on the N side of the fault.

Intrusive is f.g. plag.  $\pi$ , high-level to sub volcanic.

### Mineralization -

① Mineralization penetrates only a short distance into the argillites above the contact with the dolomite. "end of Leitch quote"

P-26

Bullseye Area: Keith Fahni

"Stripping w. of the drilled area has exposed additional mineralized dolomite. Sampling & mapping of this area is not yet completed. Sections of several meters length in the cut show good galena mineralization, but no information on the other dimensions of the mineralized area.

Dec 26 - Potter's Report.

Appendix - Charles Ager - Gravity Survey. - Oct 14, 1976

Intent of gravity work to delineate areas of excess mass which could indicate presence of massive Ag-Pb-Zn deposits within the ls-dol units.

Gravity meter accuracy  $\pm 0.02$  milligals.

Base stations read ~~at~~ <sup>within</sup> 3 hour intervals.

Survey grid by Suzie Gold Mines w. field assistance from Ager & Associates crew.

Stations at 100' intervals on lines 200' apart. - grid at  $045^\circ$

Very small grid. 1400' x 1400' (1 claim) on which a  $\pm 1$  milligal anomaly occurs.

Poor maps - w N arrow at NW ~~corner~~ <sup>direction</sup> for no reason.

No coords on gravity map

No contours no topog no detail no geology no good.

Seems to be doing gravity all by itself, but within no overall geological framework.

Final sentence "The above program, when taken to its conclusion, will most certainly outline the economic nature of the source of the gravity high anomaly" - v. ambiguous & poorly worded.

better:

The above program will <sup>prove</sup> reveal the cause of the gravity anomaly.



Dec 26.

W G Smitheringale & Associates Ltd.  
Geological Report of Oct 31, 1977.

Excellent summary of past work & index map of properties.

p. 3 - 5 from bottom where  
6 - line 16 advise  
7 - " 4 leave out (e)  
8 - " 4 ? 2(nd)?

Costs a bit off in places eg

\$10/day/man for board.

\$1500/mo for labourer vs \$1000/mo for j.geol & \$1500/mo for geologist.

4x4 vehicle rental @ \$500/mo.

∴ how are other costs such as dd at \$20/ft.

Petrographic Notes, Wasí Lake Property.

March 20, 1978

EA Dec 26, 1978

## Gravity, IP, EM Survey - Wasi Lake Property.

by C. A. Ager & Assoc - Jan 10, '78

Field Work: June 21, 1977 - Oct 30, 1977: Office Work Oct 30, 77 - Jan 10 '78

160 ~~line~~ km of gravity, IP, EM

16 anomalies; 12 are good bets; 3 are "compelling"

### Best 3 Are:

Anomaly 2 - Bull's Eye Anomaly:

Gravity & PFE High coincident + resistivity low & EM Conductor  
IP detail <sup>map (Fig 10)</sup> missing. Gravity high residual  $> 0.75$  mg

Excess mass 4.1 mt depth to centre  $< 169$  m

Using 3.20 g/cc for source & 2.80 for host, this excess mass corresponds to tonnage of 32.8 mt.

Drill holes on E margin have detected economic Pb Zn Ag.

Anomaly 14 - Anomaly on <sup>W Side</sup> Wasi Creek. at showings.

Rugged Terrain

PFE  $\pm 15\%$

Coincident geochem & EM lie within gravity high residual

Excess mass 9.2 mt Max depth to centre 185 m.

Prelim drilling on W flank has intersected ore grade mineralization.

Anomaly 13 - 1000 m NW Anomaly 14 on shale-carbonate contact  
Gravity residual of  $> 1.25$  mgals extends from 2550N-2100N  
& centred at 300 E. Has excess mass of 3.6 mt with  
max depth of 100 m.

Call

→ Wed 10 AM  
↑ Jan 3

↔ Harry Ranspot  
Account

Noel

① Stuff ready

Get together next wk.

extend to 1980. -

Lawyers doctors dentists

Guideline -

9:30

best plot -

E boundary of channel through N part of 108 (1/3 way down).

W boundary of Mac 108 is just W of road  
on Tom's map, boundary E of McKinnon Ck.



Dec 28.

SUZIE

Bullseye West Zone: 2 proposed holes.

78-27	-	highest assay -	0.03% Pb	0.03% Zn	- ie - blank
78-28	-	"	0.70% Pb	0.09% Zn	0.15oz Ag / 3.00'
					ie - <u>blank</u> .

○ Zone -

16+66S					
3+17W	78-29	-	virtually no mineralization		
16+18S					
3+02W	78-30	-	" " "		only 38.4 metres
15+90S					
3+13W	78-31	-	nothing above ± 1.5% combined mostly much less		
15+80S					
3+65W	78-32	-	11.58-13.71 m -	<u>8.18% Pb, 0.85% Zn, 4.62oz Ag</u>	
				2.13 m	

by far best assay.  
rusty-brown weathered Fe in dolomite.

78-33 - collared N of "C" Zone in mineralization.

8+25S  
5+95W  
90(?)

0-2.4 m

2.12% Pb 3.22% Zn 0.39 oz Ag

2.4 m.

2.08-12.19

3.77

2.83

1.44

4.1

by far best

78-34 - best is 2.9 m 2.5% Pb 1.36% Zn 0.58 oz Ag.

8+25S  
5+95W  
dip 75°

rusty sections.

78-35 - collared in min -

8+78 S  
5+95 W  
-95°

0-4.88 m

1.89

0.42

0.64.

78-36 4.89-6.10 m 1.21 m 5.73 3.36 1.84

8+78 S  
5+95 W

by far best section.

all these holes are drilled on a reading geochem anomaly.

Ke

3 - 3:30

1061 for 1 mi

Visit

silicified Dolomite zone - possibly unconformable

Keith Fahrni

at least 2 horizons

bottom - couple of different sections in it.

- ① One of faults N-S  
cut by Berkeley Fault.  
running through all of best drill holes.

high grade silver vein in underlying schist

differences with Robb Lake.

Journal

O-zone

E-zone - tunnel

likely  
2 holes by Suzie in 77

out of

C-zone -

geochem in my writeup -