

# Bonanza No. 2.

520417

Ed B

- short shaft + narrow benches
- discontinuous qb lenses + stringers in shear in syenite.
- qb highly frac. + rusty
- dump contains qb + coarse py.
- vein strikes N 10° W, dip - vert.
- recent benching low Au + Ag.

McGuire  
1940

Sampling ?

N. wall of shaft, 15' down	1.3'	.04 Au
S " " " " " "	110'	.26 Au

# Inland Empire

McGuire  
Sheep Cr.  
1940

- 1912 - 1914 - 2700' drifting + cross cutting
- substantial tonnage (4-6 vol. (Au. 20))
- 3500 tons milled - not economic
- no samples taken.

## St. Thomas Vein

- explored by pits + shallow shafts
- vein in shear in LWS.
  - qb lenses + stringers with Py. assays??
  - massive py in one shaft.
- low Au assay obtained.
- weak soil beds along vein trace.

Ed B

# U.S. VEIN

Es B

- Narrow qtz stringers with fault zone  
in altered rocks near syenite contact.

- several periods of shearing

- stringers ~1' thick

- strike length of workings - 30 meters.

1936

MMIM

- 12" qtz vein traced 40' north-south

- north end is 20' deep shaft.

- vein N20°W dips 65°E

- adit or cross cut trend east for 120 w. of shaft.

- shaft 25-30' N + S. on vein.

vein ~ 2', no assays.

# DULUTH VEIN

- 200 meters east of Dubrownik
- explored by shaft shafts + cuts prior to 1936
- 1962 - vein cut bench.

Ex B

- consists of fractured + brecciated gtz. + minor subbedal pyrite
- strike 350 meters
- thickness .2 - 1.0 meters
- strikes N15°W dip 70° to east on north end  
N10°E dip 70° west " south "
- benching produced low gold values, Tr. 21 .1 Au per 1 meter.

1936  
M.M.M.

- Winze - vein ~ 4' thick
- vein traced for 150'

McGuire  
Sheep Ck  
1940

south end of south cut - 3.0' - .48 Au

# DUBROVNIK VEIN

EsB

- Winze 12' deep + numerous pits, winze full of water
- Fissure zone in syenite consisting of qtz + sparse py.
  - echelon lenses up to 50 meters
  - Lenses .15 - 2 m. thick
  - vein N10° W + steep east dip.
- Fissure consists of clay, chlorite + kaolin, (altered syenite ~ 2 m. thick)
- vein pinches near bottom of winze
- just north of winze ~ .2 - .4 Au over ~ 2' for ~ 70' along strike.
- trenching + sampling incomplete, low values!

M. Smith

- .408 Au over 3 feet - untested at depth
- partially explored.
- 1974 Ila crebe - drilled 2 holes
- vein averages 2-3' thick, exposed for 255'
  - attractive area near 8-10' east side low pH alter zone
  - 75' north - vein is few inches thick
- dips 30-85° E
- low alter on roofwall
  - M. Smith max. width to 3' from EsB away over 1'

1960  
sampling

~ sampling 150' south of Alca L. claim.  
- weighted average  
of  
16 samples =  $3.21 \text{ Au}$  } over 5.8'

1936  
M.M.

- Winze 12' deep, qtz 7' thick

1940 -  
McGone  
Sheep Ck

2 - shafts - 200' apart - 5-6' width  
north shaft - 60' deep - grab from dump - .32 Au  
south shaft - 30' " - 5' chip - .19 Au  
Grds from w. lead - 2.0'  $\Delta$  1.22 Au

Sampling

- grabs - .32 Au
- 5' at bottom of south shaft - .20 Au
- selected - 1.1 Au

# DUBROVNIK VEIN

B Meyer 1979	-	Repts -	150'	<u>width</u> 5.8'	<u>Aw</u>	<u>Ag</u>
	-	samples	18" F.W.	1.05 Aw	.3 Ag	

# CASCADE - BONANZA No. 3 VEIN

- developed by shaft + adit
- 1902 prod - 396 T of 293 Au + 638 Ag
- 1905 " 76 T of 45 Au 683 Ag.

- north of Iron creek
  - stringer + lenses of  $qtz + py + chalc + PbS$  (v. l. s.)
  - thickness - 0.4 - 1.5 M.
  - strike  $N10^{\circ}W$ , dip - vert.

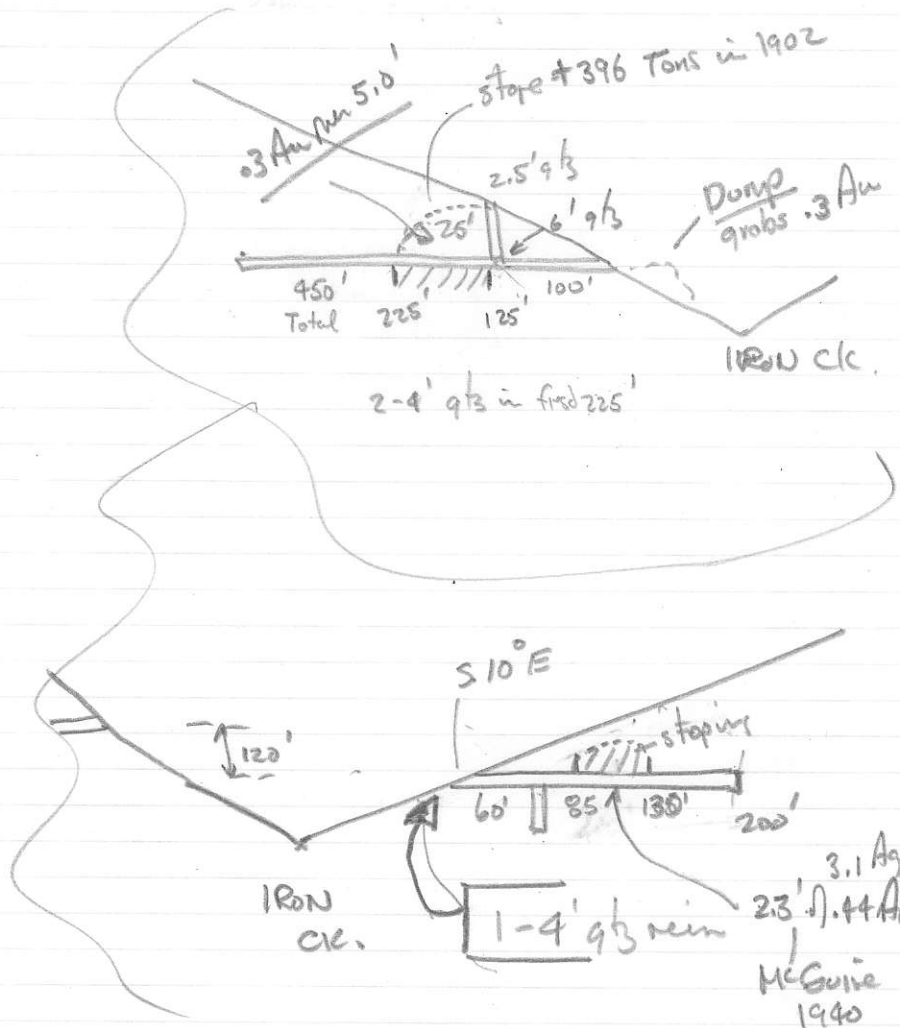
- south of Iron creek.
  - adit driven
  - recent benches low except above upper adit
  - 36 M of 0.2 Au, 10.1 Ag.

Ed B

M. Smith

1902-1905 - 472 tons  $\rightarrow$  338 Au + 1127 Ag + 288 lb Cu.  
 1962 - Explored by N. Syndicate

MM.M.  
1936





# CASCADE - BONANZA 3 VEIN

McGuire  
1940

note sampling on sketch.

Sampling

Cascade

stope -	2.0'	.63 Au
N. end of stope	1.0'	.60 Au
30' down shaft -	5'	.29 Au
dump grab		.3 Au
pillar in stope	5.0'	.27 Au
grab -		1.34 Au

Bonanza - 2.3' - .44 Au.  
- start of stope.

Cascade - N. wall of shaft 15' down -  
4.9' of .86 Au

# Albion Vein

Earl

- extensive underground workings
- 1 shaft, 2 adits inaccessible.
- vein consists of gk lenses + stringers
- max thickness ~ 2.2 m. (7.3')
- pinches to north + south to < 1 m.
- sparse pyrite on surface dump - Chelco, PbS, ZnS
- shear zone - N.W. dip 65° E.
- several stringers // on west side of vein (not sampled)
- stringers well mineralized.
- vein pinches at 40' depth.
- sampling yielded low results.
  - Tr. 13 - 2' ~ .25 Au.
- 1974 Drilling near lower adit averaged .6 Au over < 1 m. (should be 74-3,4)

M. Smith

1983 - 150' N. of adit - vein is few inches  
 1983 - surface samples - .399 Au over 6 feet [ drilled on suspected plunge  
 gave reported 9.5' of .35 Au ]

- Explored 1962 - Northern syndicate  
 - 3 short holes 62-1 - .35 Au + 1.6 Ag over 9.5'

- 1974 - Ike Wiebe  
 - 4 holes on Albion

74-1 -	2'	.277 Au	3.59 Ag
74-4 -	2'	.604 Au	3.39 Ag
74-2	2'	.63 Au	4.37 Ag

1979 - Consol. boundary opt. to PreCambrian Resources  
 - 8 drill holes to 2,234 meters on most vein

M. Smith 1983 - surface data suggests gold-gk zone plunging to south @ 45°, dip 170° E.  
 - 200' south vein ~ 6" thick }  
 - 150' north " " few inches thick. } 350'

1960 sampling

- 16 samples - average .41 Au } over 4.4'  
 1184 Ag

1922

sampling - average - 1 composite - 9.8 / 7 ~ .4 - .5 Au.

# Albion Vein

1936  
MMIM

- shaft -
- 40-75' North open cuts, adit extends 20' north of cut.
- shear - 6-8' thick +  $9\frac{1}{2}$
- strike N $10^{\circ}$ W, dip  $65^{\circ}$  East.
- 2'  $9\frac{1}{2}$  vein bottomally assayed .39 Au, .6 Ag.
- vein traced 200' north.

McGuire  
1940  
Sheep Cr.

40' shaft in 2-6'  $9\frac{1}{2}$  vein

- @ 25' drilled N+S in vein
- north face 3.0'  $\Delta$  .35 Au
- south " 3.5'  $\Delta$  .35 Au

@ 40' (bottom of shaft) vein ~ 2', good alter<sup>n</sup>

5 samples - weight average - .37 Au over 3.0'

B. Meyer

Reputed	150' vein	width	Au	Ag
		4.4'	0.41	1.84.
Samples by Meyer				
- shaft	4' vein	.03 Au		
"	3.5' H.W.	.35 Au	.26 Ag	

# ALICE L. + BERLIN VEIN

- most extensively explored.
- causing + present logging obscure workings
- old production prior to 1936
  - 208 T of 663 Au + 3022 Ag
  - fine winze
  - high grade ore faulted off by E-W cross faults.
  - reports - ore persisted with depth, but never mined out.
- dumps - gk + well mineralized with PbS, Py + Chalcos.
- Pre Comb shield dilled south of winze → low Au.

EdB

M. Smid /  
 1900 - 50 tons fine slt. → Grand Forks smelter  
 1918-1919 - 208 T shipment  
 1938 - 173 tons of dump - .17 Au

Free lan  
 1928  
 1900' 50 tons - 1.15 Au, few oz Ag  
 → 1915 - development work began to supply feed to  
 Talant Empire's Mill  
 - 800' development work to Alice L' claims  
 post w.w.I - 100' winze, shipped several 100's tons.

1960

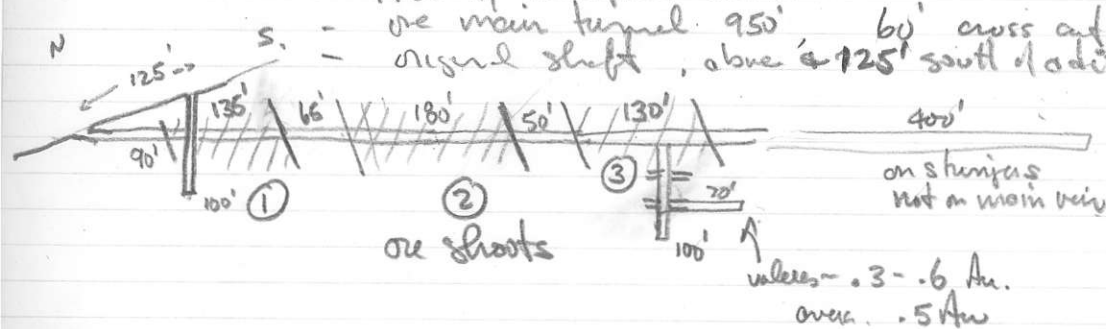
## Berlin Adit

0 - 400'      .02 Au, .76 Ag over 4.9'  
 400 - 600'    0.48 Au, 5.95 Ag over 5.3'

1938: - Oct → Dec.  
 - shipped 480 tons 1.23 Au, 212 Ag

Oct, 1922

- vein 5-7' thick
- trend NW-E dips 30° E. - ore shoots please North??
- 1450' of development work.
- one main tunnel 950' 60' cross cut → drift in vein
- original shaft, above 125' south of adit



# Alice L. + Berlin

Step Ch.  
McGuire  
1940

- 1200' edit - 2-5' g/k rein for 800' in Berlin  
- - - sloping along 80'  
- - - below - 100' wings to toping  
- - - or overused to 3.0 Au

## Pass shipments

1912 -	208 T. cont.	663 Au	3072 Ag
1918 -	142 T gr	3.0 Au	15.1 Ag
1919 -	6.5 T cont.	26 Au	83 Ag
1938 -	541 T cont	121 Au	1142 Ag.
1939 -	several hundred tons		

- sampling / or from high grab about 4.1 Au.

B. Mayer

Berlin Adet - same as 1960 report.

Alice L. + Barcin

50 tons

A

A<sub>2</sub>

1.5

?

208 T

3.18 663 14.77 3072

~~480 T~~

.23 110 2.2 1056

~~138 173~~

173 29. 0.17 Au.

861

0.93 vol/Au

4.800 Ag.

Bsd.  
Productum

142

3.0 (426)

15.0 (2130)

208

(663)

(3072)

541

(121)

(1142)

610

(26)

(83)

173

.17

(29)

1070 T

11265 T

610 Ag

11.2 Ag.