

Bralorne

831341

92 JNE001

Keith Glover

Feb. 3/88

~~Ask Central Mtn. for guide Sandspit → Pa. Rup
1 Twin offer + 1 Navajo (2 trips) - 9 each~~

McLaughlin Ridge

ie. Bralorne age? →
↓
new dates from Craig Leach

85-86 Ma

UE

Mohawk Taylor Windfall } alt'n y
-sericite

58 Ma - Poison mtn.

64 Ma (k-tr) Eldorado Mtn. (K. Dawson)

52 Ma Blackdome

NE trend - strain ellipse - Tertiary
- extensional

Remobilized



~~Colin Godwin - to send letter re- Ganque
- offer space + computer fault at UBC
- suggested Charlie trial~~

~~Elizabeth property - Church - Bralorne - style?
- v.g. in glc.~~

~~Dislocated wayside veins~~

BRALORNE

July 14/86

Ken Dawson

Lis Swannites - suggest me to collect suite
for ID of carbonate minerals (by
O'Hara) - eg. Fe-Mg rich?
- diff. host rocks

- Ken has visited many deposits incl. Levon Res.,
+ Robinson showing (north of Lou Zone) across
Gunn Lk. - X-Cal Res. - Peter Christopher drilling.

- Congress Gp.

- Brad Cookes' crew staying at Bralorne Inn
(old + cabins) - could arrange to eat there.

- student - Pierre Mathoux - Univ. Alberta - working
with Levon Res. gp. collecting mineral suites
for oxygen isotope - fluid inclusions, etc.
- plus stibnite-rich suite.

- Dale Sketchly - geologist in charge - Lou Zone

BRAZORNE - BRIDGE RIVER

Mar. 6/98

- tel. discussion with Ray Taylor - 85 yrs. old prospector, miner, metallurgist [from Bridge River district]
- prospected with his dad in Roxy Creek area - 1933
- first registered P. Eng. in mining to ship materials to Tacoma smelter (from Little Gem mine)
- Geothermal area - incl. uraninite xls (U_3O_8), plus arsenopy.
- BRX xls. (Hurley R.) - "ferruginous carbonate" + soluble Ni(S) (+ 0.5 ppt Ag) [from ultramafics?]
- also Bi-Au alloy.
- metallurgist.
- pressure leaching technique used in '58.
- [talked with Neil Church at Pathways '98]
- TGS invited Ray to visit Van. MDO + chat with Tom +/or Robert.

MI 925/NE-1 to 4, 6 to 8 - 1 - NTS 925/15
BRALORNE - PIONEER CAMP

- #1 Producer (> 7 million tonnes of 18 g/T Au from 1932 to 1971 - ~~to~~)

~ 160 km N of Van.

- igneous + hydrothermal system > 6 km strike.

Min. - v.g. + minor py, arsenopy, + In, Sn, Pb, cpy + tetra in qtz veins in close proximity to serpentinite + fuchsite occurs in veins in Bralorne intr. in Pioneer greenstone. Albitization of intr.
(total sul. content 1-3%)
(soda, granitoid) dyke-like mass

→ locally high stibnite content eg. Congress
→ structures (dykes, veins, intr.) = $115^\circ/65^\circ N$ Alt'n - not stray

Reserves: 475,000 tonnes @ 8.9 g/T Au - readily avail.
d. Total ~ $\frac{830,174}{915,115}$ tonnes @ $\frac{8.57}{9.1}$ g/T Au

- drilling from surface + up (800 level) indicated continuity of veins (in Ida May, Alhambra, Alhambra F.W. 804 51 F.W. + the 51).

Age Dates - zircon (UBC) - Jan. '87

Geol. - spatial rel. of qtz veins + min. to sodic intr.

Vein width 0.75 to 1.5 m Φ

length - few m to thousands of m horiz + vert.

- ribbon texture

- locally - mariposite along margins of veins

→ tourmaline + alunite, barite (Pioneer)

Congress - MI 925/NE-029

→ more epithermal? - stib, minor tetra + arsenopy + py in qtz in alt'd fsp pr dykes eg. Low zone - 550m x 11.9m

Howard zone - 400m x 7.3m x 180m +

→ qtz-ank alt'n + dissem. sul. surround shears up to

BRALORNE

9.1 m (av. 3 m)
→ An extremely fn. gr.

Geol. Setting: ~~BRALORNE~~ ^{Congress} - back-arc Bridge R. assen
vs Cadwallader back arc type vds.

Congress - generally wide veins enriched
in sul.

Bralorne - narrow + sulphide-poor veins.

ACKNOW - Neil Church

Levon - Congress

Giant Mascot - Bralorne

Ref. - ~~EV B Stage I~~
- Geol. fldwr - Craig Leitch

Leitch et al.