

MULLY GIBSON BLF NW 121

area P 1987-5 p 19: developed on a mineralized fissure
hosted by a potassium feldspar porphyritic granite. Fissure
follows a NW striking joint set; NW striking vein
system is 2-6m long, 8 hosts m.g., muscovite,
selenite, arsenic & blackened dyalite

- located @ head of Lookout creek
- Pros. 1897-1950 totalled 55800 tonnes
372 g Au, 31.1 million g Ag, 2300 tonnes Pb,
9 tonnes Zn.

46 workings explored 2 veins: Florence, 5 m long
striking east, dip 75° SW in potassium-feldspar,
muscovite granite. Florence averages 1.5 m wide;
Aspen, (located 15 m SW) < 0.75 m wide

~~Both~~ veins developed in 5 levels above 2105 m elev
strike distribution suggests ore shoots plunge SE
@ 45°

Deep material contains pervasive porphyritic & argillic
alteration. Hematite alteration is also present
vein mineralogy based on hand specimen examination
is galena, sphalerite, arsenopyrite, pyrite & chalcopyrite
in a gangue of brecciated buff to pink siderite &
quartz. Sulfides occur as irregular grain-sized
fillings parallel to vein walls. Breccia
coarse texture are common in these layers &
iron breccia frequent. Coarsely crystalline
sphalerite & galena blebs are rimmed by quartz,
fine pyrite, coarse euhedral to subhedral arsenopyrite
& in places chalcopyrite

vein gangue is mainly manganese rich siderite that

188800

weathers blue-black & manganese oxide
chalcidic to celestite gln xols rim
frequently in line fractures, commonly post-daly
siderite. Calc celestite fills open spaces.

see p. 12 for a table of assay results: 1st, 2nd,
vein & dump

[GROUND LEAD FURTHER CHARACTERISTICS OF MARIETTA
100K. CC. PROV. MINE, LOGAN et al, 1988, GSCOL
F. R. DURRANCE, 1987, P 1988-1, pp 535-542]

1989-5, p 37: Prod 55850 tonnes see tables 354.
Base metal mineral occurs along a NW striking
structure traced over 5 km on surface, only
about 10% of structure has been tested.

SMUGGLER 82F NW 120

~~P~~ P19875 6800 B WLM LUM of Logan & P
- Brown Logan
P21 see Molly Gibson File

P 22 : 2 km NW of Molly Gibson, on strike,
prod is ~~thin~~ ore. Vein is 1.8 m wide striking
150°, dip 80° SW. Marly / morphology identical to
M.G. ore in P55 S (near 2m) @ Fe 152 (to
5%) in a manganese - siderite gte by vein
wedged by cholesterite gte

" similar mineralogy, structural continuity, & similar
Pb isotopic ratios, ~~to~~ Logan et al, (1988), suggest
M.G. Smuggler, Sessom Creek, & Blackburn are
part of same vein system "

GREAT LEAD ISOTOPE CHARACTERISTICS OF MINERAL IN
Kole GL. PROJ. PARCE, LOGAN et al, Geol. Fieldwork
1987, P 1988-1. pp 535-542.

Fieldwork 1987, Paper 1988-1. p 536, 538, 539