

MULLY GIBSON 8 LF NW 121

unit P 1987-5 p 19: developed in a mineralized fissure
hosted by a potassium feldspar porphyritic granite. Fissure
follows a NW striking joint set; NW striking vein
system is > 6km long, & hosts m.g., muscovite,
selenite, calcite & blackburnite dyrite

- located @ head of Lokenio creek
- Prod. 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, & Aspen
striking N45W, dip ~ 75° SW in potassium-feldspar,
muscovite granite. Florence averages 1.5m wide;
Aspen, (located 15m SW) < 0.75m wide
~~the~~ veins developed in 5 levels above 2105m elev
strike distribution suggests ore shoots plunge SE
@ 45°

Deep material contains pervasive porphyritic & argillic
alteration. Itenite 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. Sulphides occur as irregular grain-sizes
fillings parallel to vein walls. Bentonite
cooled texture are common in these layers &
common breccia fragments. 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

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weathers blue-black & manganese oxide
characteristic to calcareous gbl xbls rim
frequently & line fractures, commonly post-dating
siderite. Calc carbonate fills open spaces.

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

[GROUND LEAD FERTILE CHARACTERISTICS OF MINE IN
100K. G. MIN. MINE, LOGAN et al, 1988, GSC
FIELDWORK, 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.

BLACKBURN 82 of NW 118

1989-5 GALSA & MPM EAR OF KOSGROVE G. PPMIC, BROWN, LOGAN

p21 See Molly Gibson File

p22 no prod. 5 km NW M.G. on strike.

" Soil ~~mineralogy~~ ~~mineralogy~~ mineralogy structural
continuity & lead isotopes ratios ^{LOGAN et al (1988)} suggest M.G.

SMUGGLER, SUSAN CREEK & BLACKBURN are part of
same vein system

[GALSA LEAD ISOTOPE CHARACTERISTICS OF MARLEZ
IN KOSGROVE G. ^{PMIC} PPMIC, LOGAN et al 1988, REEL.
FIELDWORK 1987, p 1988-1, pp 535-542]

1989-5, p 37. dev. (limited).

1987 FIELDWORK Paper 1988-1 p 536, 538, 539