

002331

MULLY GIBSON 82 F NW 121

unit P 1987-5 p 19: developed on a mineralized host
hosted by a potassium feldspar porphyritic granite. Figure
follows a NW striking joint set; NW striking vein
system is 6 km long, & hosts m.g., SARGOL,
SLOAN CREEK & BLACKBURN deposits

- located @ head of Lokeness Creek
- Prod. 1897-1950 totalled 55800 tonnes
372 g Au, 36.1 million g Ag, 2300 tonnes Pb,
9 tonnes Zn.

46 workings explored 2 veins: Florence, & Aspen
striking N45W, dip 75° SW in potassium-feldspar,
microcline granite. Florence averages 1.5 m wide;
Aspen, (located 15 m SW) = 0.75 m wide
~~the~~ veins developed on 5 levels above 2105 m elev
strike distribution suggests ore shoots plunge SE
@ 45°

Deep material contains pervasive porphyritic & argillic
alteration. Hatched 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-space
fillings parallel to vein walls. Bentonite
coarse texture are common in these layers &
common breccia fragments. Coarsely crystalline
sphalerite & galena blebs are rimmed by quartz,
fine pyrite, coarse euhedral sphalerite arsenopyrite
& in places chalcopyrite
vein gangue is mainly manganese rich siderite that

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weathers blue-black & manganese oxide
chalcidure to euhedral gln xls rim
frequent & fine fractures, usually post-dating
siderite. Late collected fills open spaces.

see p. 12 for a table of assay results: Fe , Cu ,
 V & Zn

[GROVA LEAD ZINC ORE CHARACTERISTICS OF MARIKUN IN
100K. CC. PROV. PANIC, LOGAN et al, 1988, *Geol*
Fieldwork, 1987, P 1988-1, pp 535-542

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

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