

PROPERTY FILE

Maggie Option

- notes from: Summary of Exploration Activities
- April 6, 1989 - Colin Burge

- Gambier Group rx. : - upright, southwest-dipping panel interpreted to lie stratigraphically below the Britannia Mine sequence.
- 4 mineralized areas on property : - Slumach, War Eagle, Clarion, Mt. Baldwin-Rossve.
- highly anomalous Slumach rhyolite unit - located stratigraphically above the Mar Andesite which hosts the Slumach veins.
- Clarion Lake area : - highly anomalous heavy mineral concentrates (gold).
- Stratigraphy:

Maggie epiclastics - crystal tuffs + turbiditic sed.

Slumach rhyolite (~50m) - felsic pyroclastics, minor mafic flows + sed.

Mar andesite - mafic pyroclastics, minor mafic flows

- Slumach felsic package derived from two felsic centres (qtz phreic flow/domes) located just north of the War Eagle adit + SW of southern property boundary.
- biotite-cordierite hornfels derived from andesitic flows + tuffs - represents contact metamorphosed equivalent of volcanogenic alteration pipe.
- Slumach rhyolite : - monolithic, clast-supported, felsic lapilli tuff
 - interbedded with felsic ashes, cherty ashes, + hornfelsed sed.
- a felsic tuff breccia overlies the mineralized and altered portion of the Slumach rhyolite
 - has a peculiar marbled appearance due to hornfelsing
- a massive argillite overlies Slumach rhyolite + forms the base of the Maggie epiclastics
- units dip moderately (45° - 55°) SW + strike @ 145° - 150°
- the Slumach rhyolite thickens toward the southeast and zinc mineralization occurs over wider intervals in that direction also
- MM-12 + MM-13 encountered over 50 and 70 metres of zinc mineralization respectively

- zinc occurs as disseminations and aggregates within a biotite-flooded rhyolite fragmental unit.

- numerous qtz.-sphal. stringers were also intersected in MM-12

- Slumach rhyolite shows extensive Na_2O + Ca depletion (true also of Mar andesite)

- also strong Ba enrichment - typical of Kuroko alteration pipes.

- each of holes encountered a bedding parallel fault at the top of the mineralized sequence of the Slumach rhyolite.

- MAP No. 7 - Geology + Drill locations - scale :- 1:1000