

ABC-BCCS

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Silver Tip

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**MIDWAY CARBONATE HOSTED PRECIOUS AND BASE METAL DEPOSIT PROJECT AREA,
NORTH CENTRAL BRITISH COLUMBIA**

Progress to date:

- June - August 1986: Completed regional mapping of northwest corner of 104/0/16 at 1:25,000 and 1:10,000 scale to be published as part of open file report on 1040/16 in January 1987.
Sampled sericite alteration at 3 showings for K-AR dating: Midway (Brinco Hill, altered ~~earn~~ group clastics), Amy (altered tourmaline-muscovite bearing intrusives), and Lucky (vein mineralization in Cassiar batholith).
Sampled carbonate-hosted mineralization at Midway. A cross-sections of pipe and chimney structures was sampled for laboratory work (ore petrography, fluid inclusions and stable-isotope studies).
Sampled other mineral showings in the region (Amy, Berg, Tootsee Star, Silverknife, Gunnar Berg, Lucky) for comparative studies including galena lead isotope "Fingerprinting".
- September 1986: Plotted structural data and began petrographic work as part of an analysis of the regional structural, stratigraphic, and metallogenic setting of the ~~M~~ Midway deposit.

Projected Work 1986-1988:

- 1986-87 Analysis of regional setting based on fieldwork, petrography and O, H, and Pb isotope data.
- 1987-88 Thermochemistry and genesis of midway deposits, based on mineralography, fluid inclusion, and S-isotope data.

Output:

- 1987 Regional geology surrounding Midway to be published in BCMOM Fieldwork 1986 (Nelson and Bradford).

Fldwk. complete (John)