

Poster Roundup '96

Pb ISOTOPE STUDIES OF VOLCANOGENIC MASSIVE SULPHIDE
DEPOSITS IN THE ALEXANDER TERRANE: WINDY CRAGGY,
MT. HENRY CLAY, GLACIER CK.

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Group

1. RELATIVELY TIGHT CLUSTER OF Pb ISOTOPE DATA INDICATES A SIMILARITY IN AGE OF MINERALIZATION.
2. CONODONT DATING (A) PROVES A NORIAN (LOWER LATE TRIASSIC) AGE OF WINDY CRAGGY HOST ROCK AND MINERALIZATION; (B) INDICATES A TRIASSIC AGE OF GLACIER CK. HOSTROCK AND MINERALIZATION; AND (C) IN CONJUNCTION WITH SIMILAR Pb ISOTOPIC RATIOS AND VOLCANO-SEDIMENTARY LITHOLOGIES, SUPPORTS A SIMILAR LATE TRIASSIC AGE FOR MT. HENRY CLAY DEPOSITS.
3. Pb ISOTOPE DATA FROM GREEN'S CREEK VMS ON ADMIRALTY I. (ALEXANDER TERRANE) INDICATE A SIMILAR UTr AGE OF MINERALIZATION.
4. COMPARABLE Pb ISOTOPE RATIOS FROM DEPOSITS AT THE SOUTHERN END OF THE ALEXANDER TERRANE (BANKS I. Au VEIN AND REPLACEMENT, ANYOX VMS) SUPPORT THE EXISTENCE OF AN EXTENSIVE UTr METALLOGENIC PROVINCE.

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