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S.M. DYKES, A. GALLEY and H.D. MEADE, Westmin Resources Ltd., Vancouver, B.C.
(Speaker: S.M. Dykes)

The Big Missouri Property, near Stewart, British Columbia, is underlain by a southwest-facing, moderately dipping sequence of rhyolitic to andesitic volcanic and volcanoclastic rocks of the Lower-Middle Jurassic Hazelton Group. Pyrite, sphalerite, galena and chalcocopyrite with significant gold and silver mineralization occur in siliceous cherty tuff layers that separate individual silicified and sericitized andesite flow, tuff and agglomerate units. The andesite unit overlies a mixed volcanoclastic and rhyolite fragmental sequence. Three mineralized horizons consisting of several cherty tuff layers with fine disseminated to semi-massive lenses of pyrite, sphalerite, galena and chalcocopyrite are recognized.

The gold-silver-lead-zinc cherty tuff mineralization and the silica and sericite alteration are interpreted to have formed as a result of submarine exhalative activity occurring during periods of relative quiescence in andesite volcanism. Several generations of quartz-carbonate veining have resulted in redistribution of gold and silver in the cherty tuff to form zones of lower-grade mineralization potentially amenable to open-pit mining.

*CIM Reporter
April 21/80*

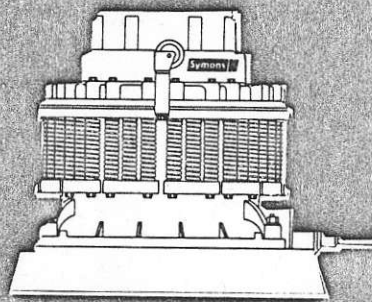
Positive Results Reported from 1979 Big Missouri Project

Tournigan Mining Explorations Ltd., has been advised by Western Mines Limited that approximately \$275,000 was spent on the Big Missouri gold-silver property, north of Stewart, B.C., during the 1979 field season. This work included detailed geological mapping with stratigraphic correlation, extensive sampling and 7 diamond-drill holes totalling 3,100 feet. The diamond-drill

holes were specifically designed to check geological information and were widely spaced.

Western Mines reports that the results of the year's work were "very encouraging" and the open-pit potential of the property will be further explored with an extensive closely spaced diamond-drilling program in the 1980 field season.

You are cordially invited to join the SYMONS CONE people in their hospitality suite at The Sheraton Centre Hotel



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