

PROPERTY: Penticton Indian Reserve No. 1

NTS: 82E/5

CLAIMS: None

LOCATION AND ACCESS: The Penticton Indian Reserve No.1 covers more than 130 square kilometres of land, bounded on the east by Skaha Lake and on the west by the Marron Valley. Access to the perimeter of the reserve is good with Highway 97 on the east, Highway 3A on the south, the Marron Valley road on the west and the Shingle Creek Road on the north. A few four wheel drive roads provide some access to the interior of the reserve.

GEOLOGY: The geology of the area has been mapped by Church (1982), as shown on the attached figure. The rocks consist of volcanics of the Marron Formation (Yellow Lake, Kitley Lake and Nimpit Lake Members) which tend to form dominant ridges and mountain tops. The basal conglomerate (Springbrook Fm.) is shown as outcropping at the northern end of the Reserve. Also at the northern end of the Reserve, dykes of the Shingle Creek Porphyry (Coryell equivalent) are present. A major fault runs northwest through the reserve up the Marron Valley. There is little outcrop in the vicinity of the fault. A number of other faults have been mapped by Church (1982).

SUMMARY OF FIELD VISIT: The Penticton Indian Reserve No. 1 is located in an area with excellent potential for an epithermal type precious metal deposit. Before making any arrangements with the Indian Band it was thought desirable to at least get a basis feeling for the property. A road traverse was done through the Indian Reserve on August 6, 1989 in order to verify the geology and to locate any alteration along the major roads. Very little outcrop was seen and no alteration or mineralization was noted. A number of sites for heavy mineral samples were defined.

A total of 11 heavy mineral samples were collected. The locations of these samples are shown on the attached map. Results are

attached. Two of the samples, WHM-005 and WHM-015, are anomalous in gold and mercury in the fine and intermediate size fractions. Both these creeks drain the eastern slopes of the reserve.

RECOMMENDATIONS: Follow-up prospecting and more detailed heavy mineral sampling of these drainages is recommended.

REFERENCES:

Church, B.N., 1982. Geology of the Penticton Tertiary Outlier.
BCDM Preliminary Map 35.

Lee
L. Lee
August 1989



OKANAGAN PROVINCIAL FOREST

Shingle

Creek

OSOYOOS DIVISION OF YALE LAND DISTRICT

SIMILKAMEEN DIVISION OF YALE LAND DISTRICT

PENTICTON

INDIAN RESERVE I

OKANAGAN PROVINCIAL FOREST

82 E/5
1:50,000

