

CRUICKSHANK Cu-Ag-Au MINERAL PROSPECT

LOCATION: N.T.S. 92F/11W Lat. 49.67°N Long. 125.3°W
Nanaimo Mining Division; Elevation: 500-1000 metres
Mineral Inventory No: 92F#278

ACCESS: The property is located 27 miles by road from Courtenay along the Cruickshank River valley about 6 miles NW of Comox Lake.

PROPERTY DEFINITION: The "Cruickshank" claim (Tag No: 86852) consists of 9 units (3Sx3E) recorded 24 January 1983.

REGIONAL GEOLOGY: The claim is underlain by Upper Triassic, basaltic flows belonging to the Karmutsen formation which have been successively intruded by Middle Jurassic biotite-granodiorite of the Island intrusions and granite of presumed Tertiary age. A major NW trending fault as defined by the Cruickshank River, may have localized tertiary volcanic activity, such as at the Mount Washington Cu-Au porphyry prospect and along Forbidden Plateau.

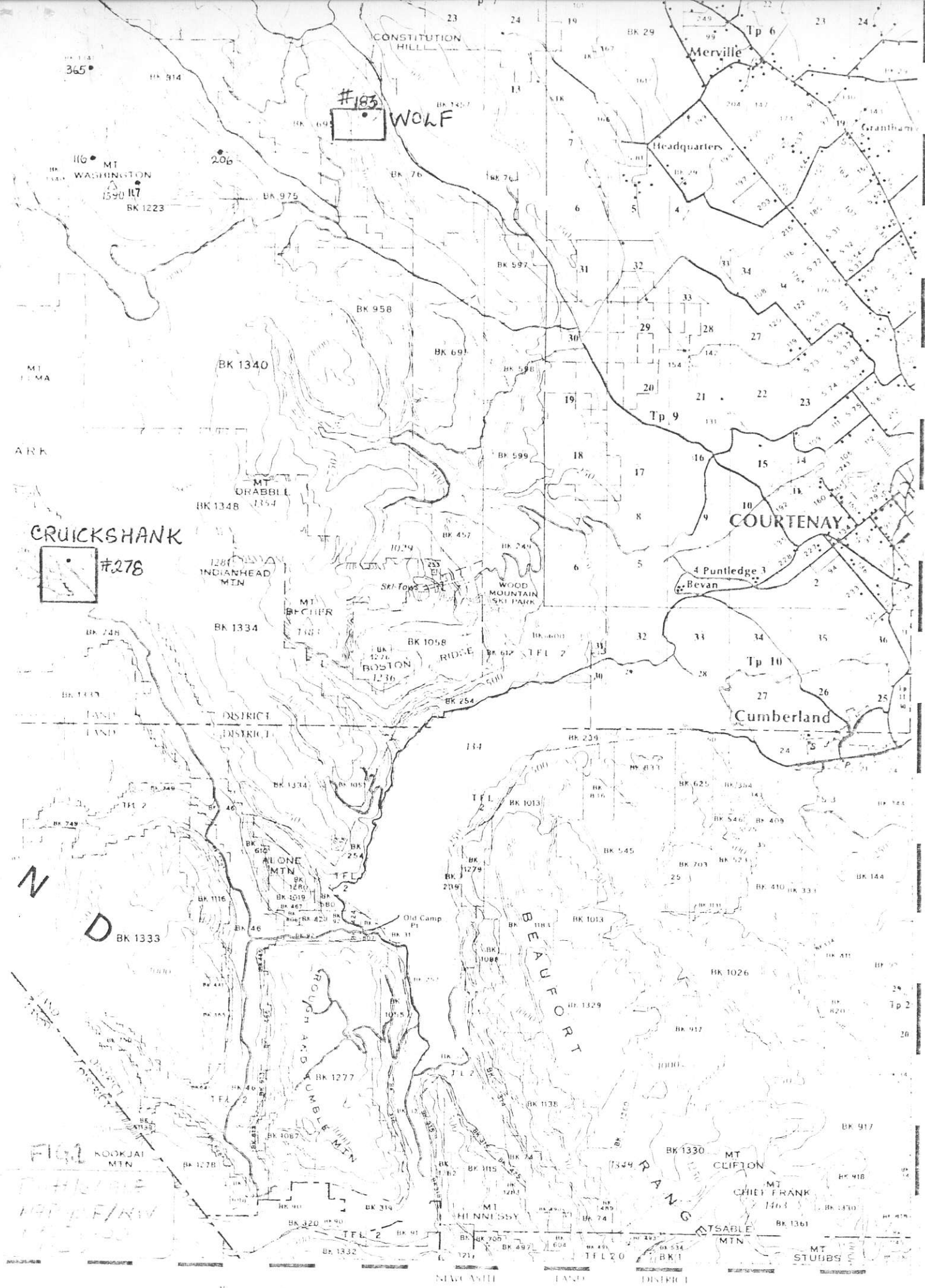
PROPERTY GEOLOGY: Preliminary mapping (Sharp 1970) indicates that a partially defined granite intrusive occupies the axial zone of the Cruickshank River valley separating hornfelsed Karmutsen volcanics from an mesozonal granodiorite. Two sheeted and braided fracture systems trending N75°E, carry chalcopyrite, pyrite and bornite, and occur 800-1000 feet horizontally and 1400 feet vertically from the granite intrusive. An intervening covered interval having a down slope width of 900 to 1400 feet and extending some 2800 feet carries strongly anomalous concentrations of copper (>400ppm) in soils. Mineralized sections yield assay grades ranging from 4.6%-0.9% Cu, 0.045-0.005 oz./T Au and 0.45-0.04 oz./T Ag.

PROPOSED PROPERTY EVALUATION PROGRAM:

The property merits further investigation on the basis of favourable geology and a sizeable, untested Cu soil anomaly. It is suggested that previous work reported in assessment report #2762, should be followed up by additional claim staking, grid preparation, detailed geological mapping, magnetometer and I.P. surveys, rock chip sampling and followed up, if warranted by the above surface evaluation program, by an exploratory percussion drilling program.

REFERENCE:

Sharp, W.M., 1970, Geological and geochemical report on Cruickshank N claim group; assessment report No. 2762.



365°

#183

WOLF

CRUICKSHANK

#278

COURTENAY

Cumberland

N
D

Fig 2

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