

CK Prop. ~ 40 miles from Clearwater (Mike Marrell)

004999

About 2 mi out of Clearwater, before Rest River

Go left on NINE ROAD - FOLLOW IT TO 22 1/2 Miles sign, then

To: N.C. Carter

Date: March 26, 1979

look for road 95. Follow 95 (on the right) 6 1/2 miles. At that point, turn right, cross the River, go 7 km & cross the River to the CAMP.

Enclosed is a description of the results of Cominco's drilling of the CK property, last summer and through the fall to December of 1978. Cominco took an option on the property from Andy Horne, following the disappointing results of drilling by Rio Tinto several years ago. Cominco plans a "major" drilling project on the property this coming field season.

These notes are made from spending an afternoon with Fred Gill of Cominco in Vancouver last Thursday. He would appreciate we keep the results confidential, even though some of the information is already public.

Rio Tinto drilled 3 holes in the Main Boulder area, trying to locate the source of boulders of massive sulphides-sphalerite-galena-pyrrhotite. They did not find it in outcrop and, I gather, concluded that they were brought in by glacier. They moved to the north, located less than a meter thickness of sulphides in outcrop and drilled 3 more holes. The last intersected approximately 1-2 feet (?) of sulphides. They also drilled a couple (?) of holes in the New Showing area, but failed to find the source of massive sulphide boulders there.

Cominco trenched in the New Showing area, uncovered several meters of sulphides, and drilled towards the west across the strike. They intersected the sulphide layer and continued tracing it southward with approximately 100 m drill-hole spacing, and in the New Showing area outlined a layer averaging 2-3 meters thick and 600 meters strike length. Thicknesses in excess of 6 meters were also discovered. Grades averaged approximately 15% Zn and 3% Pb. Further south towards the camp they intersected the continuation of the layer, showing it to be almost continuous (with a gap, perhaps an offsetting fault) for approximately 2100 meters. It thinned to the south, and further north in the East Showing it is thinned and absent (or missed).

82M 137

CK
PROP.

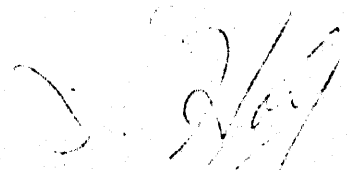


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The Autumn showing, which is approximately on strike with the New showing, consists of another massive sulphide boulder area. It has not been tested, but based on the proximity of bedrock's mineralization to float in the area, is believed to be significant. It was found as a direct result of our geochem survey. An area with an anomalous sample was sampled in more detail, leading to the discovery of the boulder area.

The source of the boulders in the Main Boulder area, the original showing, has also been identified as that immediate area, but the extent of mineralization there has not been tested.

I plan on visiting the property for approximately a week in early August. There is very limited outcrop, and that consists primarily of pegmatite and biotite gneiss. The sulphide layer is associated with an upper calcareous (marble and calcareous schist) sequence, overlain by biotite schist and underlain by biotite schist, the lower calcareous sequence and then perhaps amphibolite and hornblende gneiss exposed in the valley floor. Cominco personnel are impressed with the similarity of both host rocks and sulphides to that at Ruddock Creek (?).

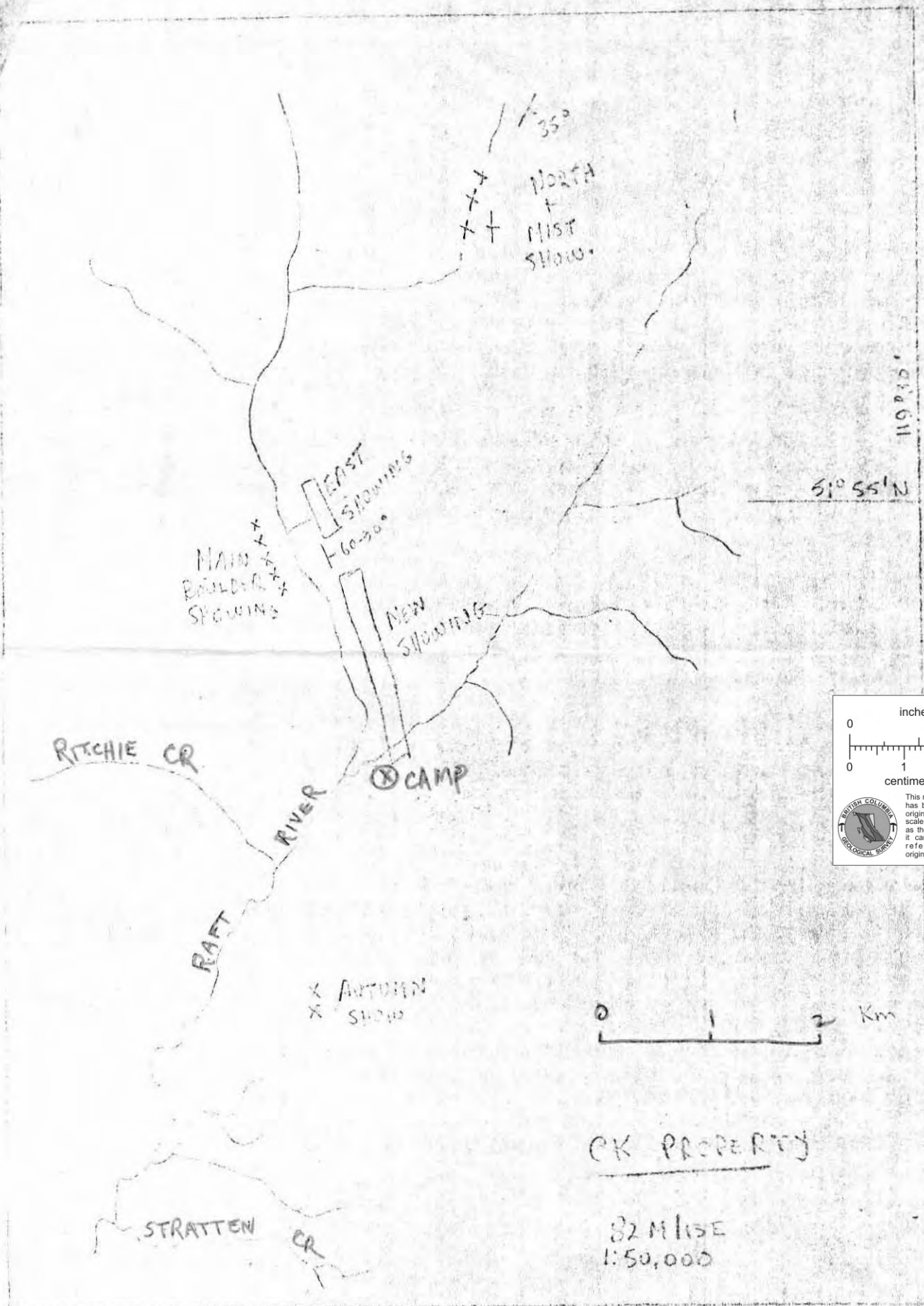


T. Hoy

TH/dlb

cc: Gordon White
J.T. Fyles

Encl.



inches
0 1

centimetres
0 1 2

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



CK PROPERTY

82 M 115 E
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