

# CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: August 22, 1985  
A  
TO: A. J. Davidson  
COPIES TO: D. H. Watkins  
DE FROM: L. D. Pirie  
SUJET SUBJECT: Property Exam; Genesis Claims, 92I/11, 14

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The Genesis claims are located in the Kamloops Mining Division immediately to the west of Cache Creek. They were brought to our attention by Spirex Geoservices Ltd., the owners, along with a short report (NTS file 92I/11,14). The property was located to cover Nicola volcanics along strike and to the north of BP-Selco's Red Hill property where felsic centres in the Nicola host massive sulphide mineralization (e.g. 0.59% Cu, 1.60% Zn, 1.91 g/T Ag, 0.39 g/T Au over 2.58m).

On August 4th, 1985, I visited the property in the company of Ralph Shearing. Our visit confirmed the presence of felsic pyroclastic rocks ranging from crystal tuffs, through lapilli tuffs and lapilli-stones, up to quite coarse fragmentals. Quartz-eyes and feldspar phenocrysts are abundant and minor pyrite is locally present.

Unfortunately our visit also revealed an extreme paucity of outcrop. The few that we found were confined to the northern zone of felsics (see Bedrock Geology map in pocket of their report) and we were unable to find any at all on the rest of the property.

Through conversation with Dave Gamble of BP-Selco I understand that geophysics and surficial deposit geochem are not very effective in this area due to conductive overburden etc, and that geology/lithochem are the best tools. Given the almost total lack of outcrop, the Genesis claims would therefore be very tough to explore by a company without prior knowledge of the environment.

There is little doubt that the Nicola volcanics deserve our continued attention as potential massive sulphide hosts. This property should not be dismissed outright but could only be effectively explored by us if we could build up knowledge of the area through a property where outcrop is better, e.g. a JV with Selco or optioning Rea's ground if Selco drop it (a possibility I understand).

la