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FROM: A. J. Davidson
SUJET
SUBJECT: Ecstall River Deposits

DHW and I visited the Ecstall, Mariposite and Packsack properties south of Prince Rupert, B. C. on June 27/85. Attached is a field trip guide to the deposits in the area compiled by C. Graf.

Ecstall

The Ecstall deposits owned by Kidd Creek is the single largest outcrop of massive sulphides I have ever seen. It straddles Red Gulch Creek for over 600', rises 50 feet above the creek bed and is at least 30' thick. A most impressive showing! Unfortunately the sulphides are almost completely pyrite with minor chalcopyrite and sphalerite. Grades are 2.3% Zn, 0.8% Cu, 0.7 oz/T Ag and 0.02 oz/T Au. Although the Ecstall itself is of no interest to us at present, the possibility exists that it may represent a "Horne type" deposit with potentially more metal rich deposits in the area.

Mariposite

This is a large outcrop of felsic tuffs containing abundant mariposite/fuchsite alteration across the Ecstall River from the Ecstall. It indicates that significant hydrothermal alteration is going on in the area. This would represent a very grass roots project, one that we do not need at this time, but probably should review from time to time.

Packsack

This is C. Graf's property and is well described in the attached field trip guide. Massive pyrite outcrops in a creek and has been drilled over a strike length of 1800 feet. Thickness ranges from 5 to 40' but grades are

relatively low, (1-2% Cu, 1-5% Zn, <1 oz/T Ag and 0.02 oz/T Au). Though similar to the Ecstall in style and tenor the deposit has only been tested to a depth of 200' and potential exists to increase the grades at depth. The area has also been poorly explored and potential exists to find additional bodies. The property is reportedly close to being optioned by Granges Ltd.

In summary the deposits of the area are volcanogenic in nature, but dominantly pyrite with relatively low metal values. The area is also logistically expensive as helicopter support is essential. Exploitation of a deposit in the area would be difficult. However the geology is intriguing and efforts should be made to monitor progress and new developments in the area.

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