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## **MEMORANDUM**

TO: E.T. Kimura

DATE: June 21, 1988

FROM: Rob Pease

RE: SPRING PROPERTY FIELD EXAMINATION

Boomer 1 to 4 and Spring 3 Claims

NTS 92H/16, File; ?

## Introduction

A field examination of the above property was conducted by myself and Lorne Warner on 08/05/88, following my recommendation after reviewing the submitted data (see file). No one representing the vendor attended.

## Discussion

The geology observed generally matched the descriptions in Alex Burton's report (see file).

The property is underlain by relatively coarse grained quartz feldspar porphyry of rhyolitic composition. The target mineralization is epithermal precious metals associated with argillic altered fault structures. Surface mapping and limited diamond drilling (3 holes) has demonstrated this potential. Placer gold has also been recovered from active channels in a creek transecting the property, however most of the old pits are upstream from the target structures.

Geochemical analysis of the rock samples collected did not show any precious metal anomalies except for one sample of a clay altered porphyritic diatreme breccia with heavy manganese stain which carried 130 ppb Au, 10.3 ppm Ag, 341 ppm Cu, 4.05 % Pb, and 574 ppm Zn. The clay altered target structures would be recessive weathering and good exposures may not be expected. Evidence for the two main structures of interest comes from diamond drilling and a trench which was apparently backfilled.

## Recommendation

The property should be considered for optioning as relatively high risk grass-roots prospect with epithermal precious metal potential. I believe the vendors would be willing to make a relatively easy deal with little or no initial cash payment and a first year work commitment of approximately \$ 150,000.

The property is covered by a layer of boulder-rich sandy glacial drift. Outcrop exposure is essentially limited to the creek ravines.

Initial work programs should consist of grid establishment, detailed geologic mapping, and geophysical surveys. Magnetometer, VLF-EM and IP (resistivity) should be the techniques considered.

R. Pease

RP/rp/lea 06.21.88