

JUNE 15 1981

CAMP ALPHA

104K/16E

LAT 58°48' LONG 132°05'

NAHLIN MTH AREA

DECLINATION 28°

Main targets are in the vicinity of two dioritic intrusives of post Mid Jurassic age which intrude Lower Jurassic Inklein fm near major fault zones along which ultrabasic bodies have intruded. A wedge of Triassic volcanics lies to the west - partially fault bounded.

Assuming gold may be spatially related to ultramafics as at Atlin the later dioritic intrusions may remobilize mineralization. Look for listwanite - quartz carbonate mariposite - buff weathering alteration zones.

The diorite 126 apparently shows foliation or flow banding which is unusual. The two 126 bodies may be parts of the same intrusive offset by faulting. Hence movement after intrusion which might serve to open fractures in the diorite for quartz veins as at Peoness - Bialorne. Check east west trends
over

of swamps in granite for east west trending vein, shear or lode structures which may carry sulphides or quartz veins as at Lightning Peak (Waterloo Pb Zn Ag) etc.

Check Unit 3 if possible for silicification or listwanite alteration.

Get soil and rock geochem at your discretion.

Cam