

673964

PROSPECTING REPORT

ON THE

DALTON MINERAL CLAIM

RECORD No: _____

LAT: ~~129° 11'~~ 59° 01' N.

LONG 129° 21' W

104 P / 3 W

LIARD MINING DIVISION

BY

J. C. STEPHEN

M. P. WEBSTER.

WORK DONE: JULY 18-22 1983

SEPT — 1983

BY: J. C. STEPHEN EXPLORATIONS LTD

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PROSPECTING REPORT
ON THE
DALTO MINERAL CLAIM.

SUMMARY AND CONCLUSIONS

Reconnaissance traverses done as part of a regional program for precious metals located minor sulphide mineralization in volcanics and easterly trending iron carbonate alteration zones. ^{The DALTO 20 unit claim was staked and} this relatively favourable geology was investigated by reconnaissance mapping. ~~of the DALTO 20 unit claim with~~ talus, silt and rock geochemical sampling.

The initial program returned ~~only~~ one anomalous value of ^{200 ppb} ~~5~~ gold from an iron carbonate alteration zone. No other significant values were obtained ^{from} the initial program. Check sampling of other iron carbonate zones is recommended.

Prospecting and staking on this claim was done by Mary Webster. Follow up mapping and sampling, on which this report is based, was done by Mary Webster assisted by Audrey Healey. Portions of the text and much of the geological description has been taken from Webster's field reports.

~~Prospectus Report for The Dalton Claim Group~~

~~Property History - Access~~

The DALTO claim block is located on map sheet 104P3W in the Land Mining Division. ~~See Figure 1~~ ~~consists of 10 units~~ It was staked July 12, 1983. ~~The staking was done~~ by Mary P. Webster (FMC 241816) acting as agent for Newmont Exploration of Canada Limited (FMC. 237420). The legal corner post is located at $129^{\circ}21' / 59^{\circ}01'$ at the northwest tip of a small lake draining north to Dalton Creek. All posts have been permanently marked and placed in accordance to the Minerals Regulation Act. No ~~indication of previous staking~~ ~~no other approval~~ has been found on the property.

Access to the property is by helicopter or float plane. Cotton Lake on the Stewart - Cassiar highway is the nearest (22km @ 105° bearing) road access point. Meek Lake just south of the claim group ~~can easily accommodate~~ ~~subsequent~~ fixed-wing craft.

Water supply is abundant and numerous small lakes provide many campsites locations. The property is almost entirely above treeline and outcrop exposure is good.

3b) Hematite Alteration

Red, rusty staining in small pod-like zones

3c) Iron-Carbonate Alteration

light orange weathering, limonite, minor disseminated pyrite, some silicification

4. Pillow Basalt

fine grained, tholeiitic, black fresh and weathered surface, pillows diam. 30cm, unzoned

Structure

All units are strongly jointed and foliations are weak to moderately developed. Flow banding is observed in the aphanitic dacite and may be offset along moderately developed fracture planes at 2-3cm intervals. Rock unit contacts or clear bedding structure is difficult to distinguish in all rock units.