

1919

GEOCHEMICAL REPORT

on

EZZ 19 and 20

Highland Valley Area, B.C.

50° 121° N.E.

Kamloops Mining Division

ALWIN MINING COMPANY LTD.

by

J.J. CROWHURST, B.A.Sc., P.Eng.

Vancouver, B.C.

June 1969

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
GEOCHEMICAL SOIL SAMPLING	1
DISCUSSION OF RESULTS	2
FINANCIAL STATEMENT	3

MAP

In envelope at back of report

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1919 MAP

INTRODUCTION

This report concerns two contiguous claims, the EZZ 19, 20, which are located near the central part of the Highland Valley area in the Kamloops Mining Division. The claims lie about one mile northwest of Divide Lake and adjacent to the south boundary of the Chilthnux Indian Reserve No. 12.

The claims lie near the centre of the main intrusive mass, the Guichon batholith. The general area is thickly wooded and is covered by an extensive mantle of drift with few outcrops.

GEOCHEMICAL SOIL SAMPLING

A total of 125 soil samples were obtained from the EZZ 19 and 20 claims, from locations at 200 foot intervals along north-south grid lines spaced 200 feet apart. (See sketch of claim map in pocket). These lines were run by a chain and a tripod-mounted Brunton compass from an east-west base line surveyed from a point, 63A, which was established on the ground by McWilliams, Whyte, Goble and Associates, land surveyors from Kamloops, B.C.

Soil sampling was carried out with the aid of a mattock and a 2½" hand auger. This enabled the "A2" horizon to be sampled at a depth of at least 24". The samples were placed in Caneco high set-strength kraft 3½" x 6-1/8" envelopes and were shipped to Seymour Laboratories Ltd. in North Vancouver for analysis.

The samples were dried, screened to minus 80 mesh, and then analyzed for copper. The method used was to digest the screened material in hydrochloric and nitric acid, dilute to 10 ml, and then run against standards by a Jarrell-Ash Maximum Versatility Atomic Absorption Unit.

DISCUSSION OF RESULTS

No copper zones of any economic significance were disclosed by the results of the soil survey, as can be seen from a study of the map accompanying this report.

Isolated higher readings than the approximate 30 ppm were obtained, but are not considered to be significant.

FINANCIAL STATEMENT

Analytical assay work - 125 samples	\$125.00	
Camp Supplies, food for crew	43.00	
Rental 4-wheel drive vehicle - 3 days @ \$20/day	<u>60.00</u>	
Sub-total		\$228.00

Personnel

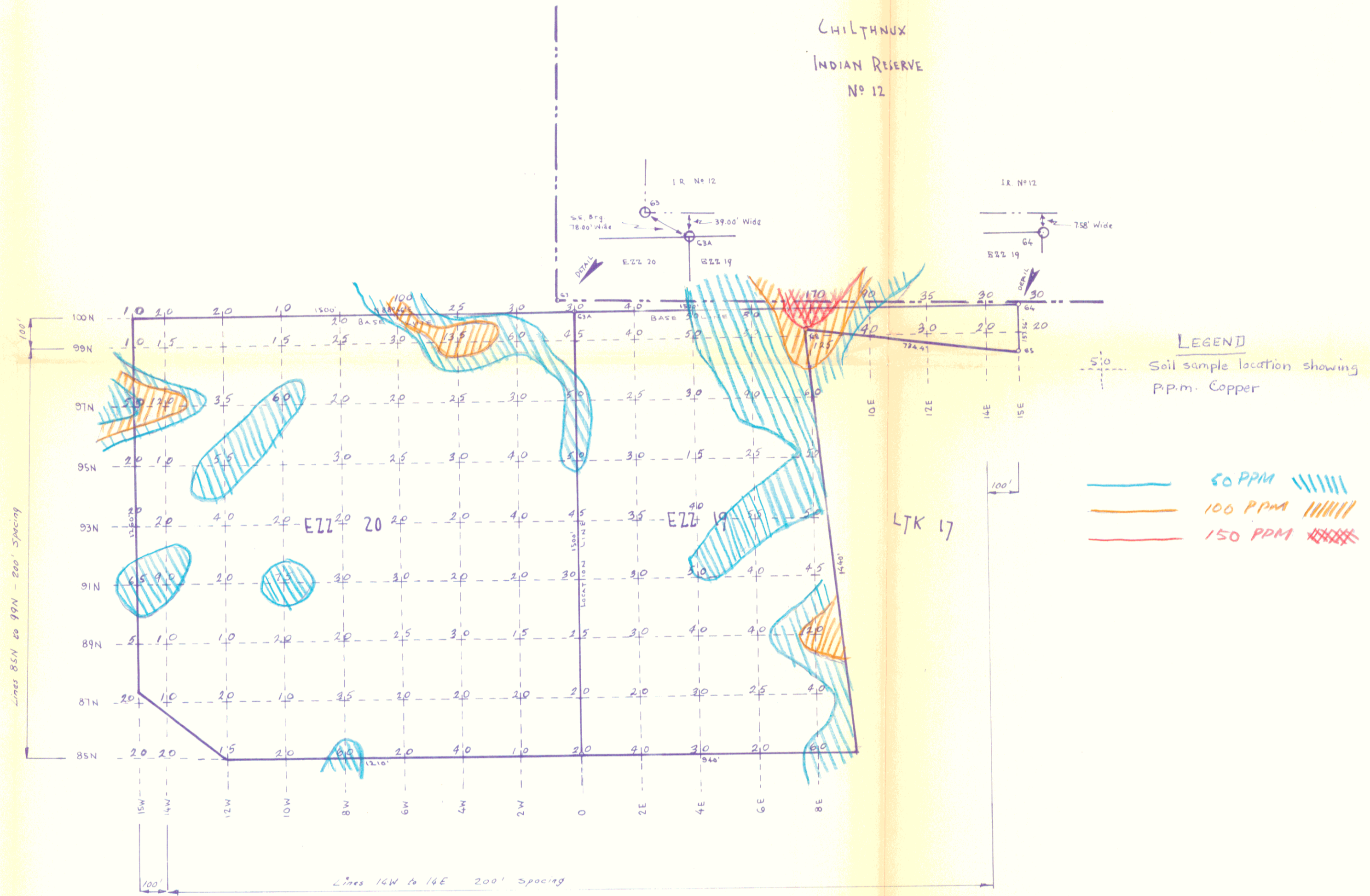
J.J. Crowhurst, P.Eng., supervision of work 1 day @ \$100/day	100.00	
A. Retvedt - field assistant - June 10, 11, 12 3 days @ \$35/day	105.00	
E. Sader - field assistant - June 10, 11, 12 3 days @ \$20/day	60.00	
G.D. Delane, B.Sc. - surveying, compilation of maps, plotting of results, etc. 3 days equivalent @ \$50/day	<u>150.00</u>	
Sub-total		<u>415.00</u>
TOTAL		\$643.00

Declared before me at the *City*
of *Vancouver*, in the
Province of British Columbia, this *27th*
day of *June*, 1969, A.D.

J.J. Crowhurst
J.J. Crowhurst, B.A.Sc., P.Eng.

J. Paul Sub-mining Recorder
A Commissioner for taking Affidavits within British Columbia
A Notary Public in and for the Province of British Columbia

CHILTHNIX
INDIAN RESERVE
N^o 12



Note: Total samples required = 125

Department of
Mines and Petroleum Resources
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NO. 1919 MAP #1

To accompany report by - *J.J. Crookston*
dated June 1969
Chilthnix - E22 19 & 20

1919

ALWIN MINING CO LTD (NPL)
Sketch
E22-19 & 20 CLAIMS
Geochemical Survey

Scale 1"=300'
Drawn by ESS June 4, 1969