

4576

DOLMAGE CAMPBELL & ASSOCIATES LTD.

CONSULTING GEOLOGICAL & MINING ENGINEERS

1000 GUINNESS TOWER

VANCOUVER 1, B.C.

Geochemical Report

on the

HH MINERAL CLAIMS

Nos. 1 - 4 inclusive

Claim Sheet No. 92 1/7E

MEADOW CREEK AREA

Kamloops Mining Division, B.C.

50° 31' N. Lat., 120° 45' W. Long

Owner of Claims:	Department of
Mr. Leslie Hart	Mineral Resources
	ASSESSMENT REPORT
NO. 4576	MAP

Supervision and Report by:

R.S. Adamson, P.Eng.

Work completed between August 30 and Sept. 5, 1973.

Sept. 6, 1973.

TABLE OF CONTENTS

	<u>PAGE:</u>
INTRODUCTION	1
GEOLOGICAL SETTING	2
GEOCHEMISTRY	2
Sampling and Assaying Techniques	2
Interpretation of Results	3
CONCLUSIONS	4
Recommendations	4
APPENDIX 1 - Statutory Declaration	

LIST OF ILLUSTRATIONS

Figure 1 #1 Location Map	1
Figure 2 #2 Geochemical Survey Results	4

DOLMAGE CAMPBELL & ASSOCIATES LTD.

CONSULTING GEOLOGICAL & MINING ENGINEERS

1000 GUINNESS TOWER

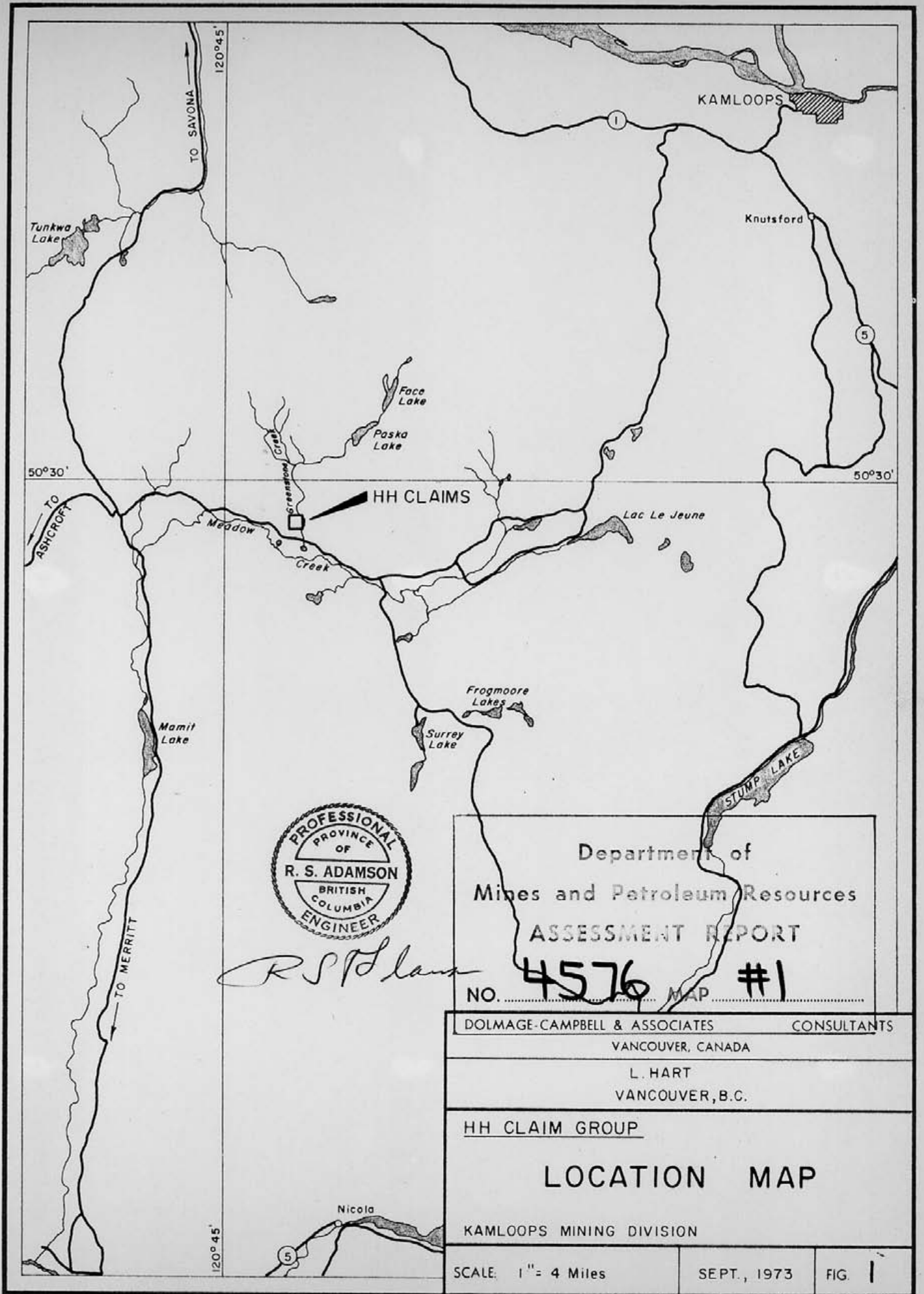
VANCOUVER 1, B.C.

INTRODUCTION

A geochemical survey was carried out on the HH mineral claims by Mr. L. Bell of Dolmage Campbell and Associates Ltd. under the direction of the writer. The survey was conducted during the period August 30 to Sept. 5, 1973. Access to the property was accomplished by car followed by a short trip on foot.

The claims, HH 1-4 inclusive, are located in the Kamloops Mining Division, seven miles due east of the junction of the Ashcroft-Merrit road with the Merrit - Savona road.

Topography over the claims is essentially plateau-like. More rugged terrain occurs along Greenstone Creek which traverses the eastern edge of the property. Elevations on the property range from 4,000 to 4,500 feet.



R. S. Adamson

Department of
 Mines and Petroleum Resources
ASSESSMENT REPORT
 NO. **4576** MAP **#1**

DOLMAGE-CAMPBELL & ASSOCIATES		CONSULTANTS
VANCOUVER, CANADA		
L. HART		
VANCOUVER, B.C.		
HH CLAIM GROUP		
LOCATION MAP		
KAMLOOPS MINING DIVISION		
SCALE: 1" = 4 Miles	SEPT., 1973	FIG. 1

GEOLOGICAL SETTING

Outcrops on the property are few and essentially restricted to the channel of Greenstone Creek. The property is underlain by volcanic rocks of the Upper Triassic Nicola Group. Jurassic granitic rocks of the Guichon Batholith lie five miles due west of the property.

GEOCHEMISTRY

The soil survey was carried out over all four claims that comprise the property. Seven lines, 3000 feet in length, spaced at 400 foot intervals along the location line were sampled at 200 foot stations.

SAMPLING AND ASSAYING TECHNIQUES:

Soil samples were taken by first digging a hole with a mattock; a small handful of soil was then taken and packaged in a standard high wet-strength brown kraft paper sample bag. Wherever possible, samples were taken from the "B" soil horizon. If the "B" horizon could not be reached the samples were taken from the "A" horizon and noted as such. The samples were sent to Chemex Labs Ltd. in North Vancouver for analysis.

At the assay laboratory the samples were dried at 110° F and then sieved to -80 mesh consistency through a nylon and stainless steel sieve. One-half gram of the dry pulp was weighed into a calibrated test tube and 3 mls. of perchloric acid and 1 ml. of nitric acid was added. The samples were digested initially at low heat and then at a temperature of 203° C. Digestion time was two to three hours. The digested samples were cooled, made up to 25 ml. volume with distilled water and the solutions thoroughly mixed. Analysis for copper, molybdenum and zinc were then done by Atomic Absorption procedures.

The results of the copper, molybdenum and zinc soil assays were interpreted visually.

INTERPRETATION OF RESULTS:

The copper values as shown on Figure 2 were contoured at 50 foot intervals. A weakly anomalous area occurs on the southwestern quadrant of the property. Values within this area range from 50 ppm to 78 ppm copper.

A second weakly anomalous area lies on the eastern half of the property, essentially paralleling Greenstone Creek. Values range from 50 ppm to 80 ppm copper.

Molybdenum and zinc values reveal no concentration of values hence were not contoured.

CONCLUSIONS

The weak copper anomaly indicated by soil sampling to occur on the southwestern quadrant of the HH mineral claim group does not appear of direct economic interest. The anomalous values which parallel Greenstone Creek appear to be related to drainage phenomena connected with the drainage development of the creek. It does not appear to be economically significant.

RECOMMENDATIONS:

Subject to copper indications which might occur outside the immediate periphery of the property, no further work is presently considered to be warranted on the HH claims.

Respectfully submitted,



A handwritten signature in cursive script, appearing to read "R. S. Adamson".

R.S. Adamson, P.Eng.

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA:
To Wit:

In the Matter of

I, R.S. Adamson

of 872 E. 17th Street, North Vancouver, B.C.

in the Province of British Columbia, do solemnly declare that expenditures for work performed between August 30 and Sept. 5, 1973 are as follows:

Wages: L. Bell 2372 McBain Avenue, Vancouver, 8, B.C. 5½ days @ \$45.	\$ 247.50
Maintenance: 5½ days	114.35
Transportation: Vehicle rental 649 miles at 20¢ per mile	129.80
Assaying: 105 samples at \$2.00 per sample	210.00
Typing, Secretarial, Draughting	150.00
Supervision and Report	<u>600.00</u>
	\$1,451.65

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 7th
day of Sept 1973, A.D.

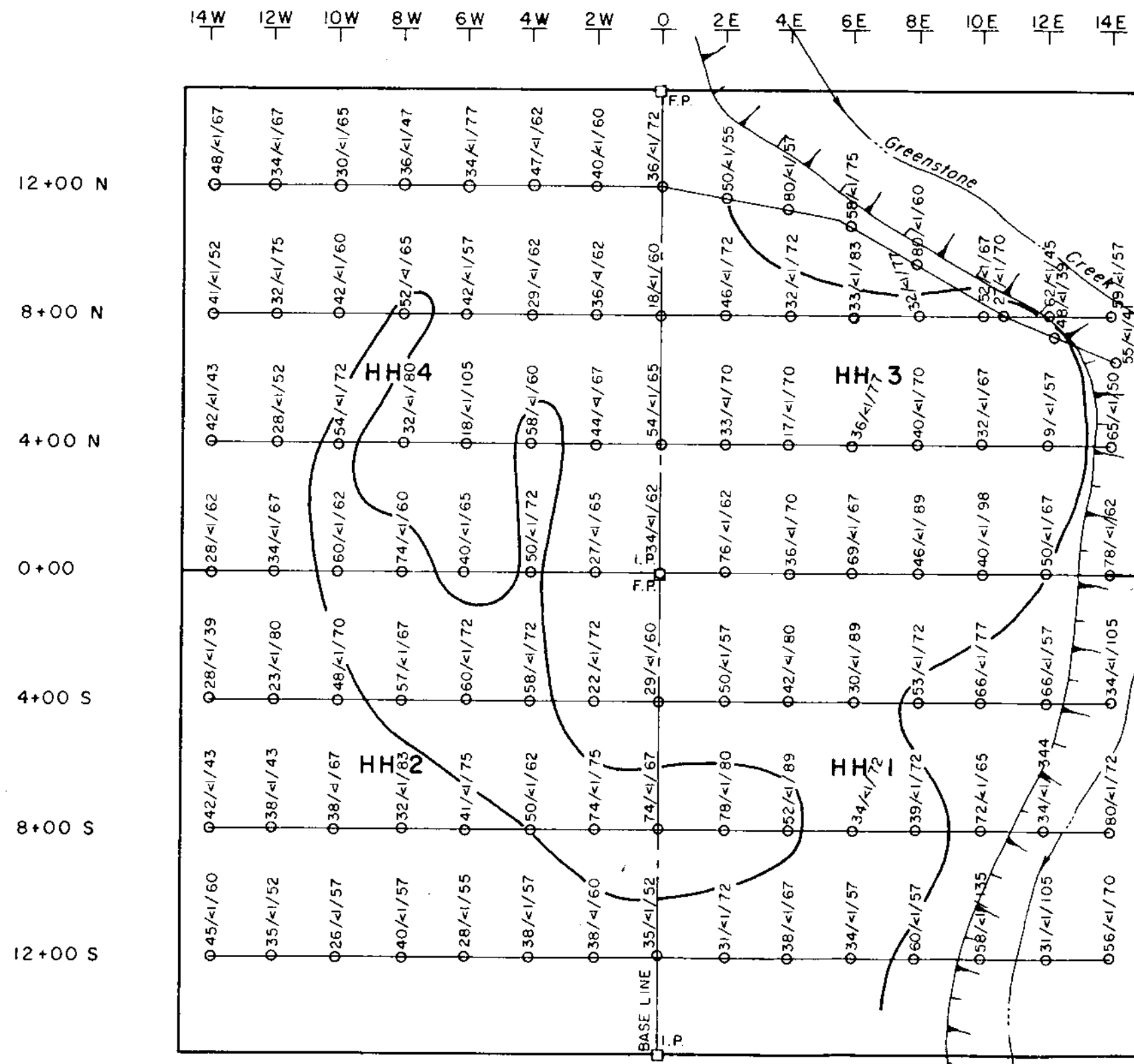
R.S. Adamson

G.P. Phillips

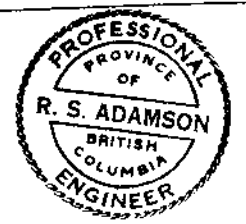
~~A Commissioner etc.~~
A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

*o

SUB-MINING RECORDER



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4576 MAP #2



R S Adamson

- Cu Mo Zn
25/T/40 ppm
- LEGEND**
- SOIL SAMPLE LOCATION
 - CLAIM POST
 - ~ CREEK

DOLMAGE CAMPBELL & ASSOCIATES LTD. CONSULTANTS VANCOUVER, CANADA	
L HART VANCOUVER, BC.	
HH CLAIM GROUP	
GEOCHEM SURVEY	
KAMLOOPS MINING DIVISION	
SCALE 1" = 400'	AUG.-SEPT., 73 FIG 2