

GEOCHEMICAL REPORT ON THE
H&H CLAIMS

SIMILKAMEEN MINING DIVISION
BRITISH COLUMBIA

by

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and
P. E. Fox, Ph.D., P.Eng.

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FILMED

H+H, H+H 1 to H+H 4, H-H Claims

NTS 92H/10W
49°~~00'~~ N 120°52'W
30.0'

Work paid for by D.K. Platinum Corporation (owner/operator)

May 25, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,125

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INTRODUCTION

Results of a mapping and soil sampling program on the H+H claims in the Similkameen Mining Division are provided in this report. A total of 170 soil samples and 22 rock samples were obtained and analyzed for 10 element ICP, gold, platinum and palladium.

LOCATION AND ACCESS

The H+H group of claims are centred on Olivine Mountain in south central B.C., approximately 25 kilometres northwest of Princeton. The approximate centre of the property lies at 49°31'N latitude and 120°52'W longitude (Figure 1).

From the town of Coalmont, 18 kilometres northwest of Princeton, a 20 kilometre long all-weather logging road leads to Olivine Creek. A 2.5 kilometre cut trail leads from the creek to the claims on Olivine Mountain.

A second access is possible by foot from the north where a small cable car crosses the Tulameen River. A steep trail leads up Hines Creek three kilometres to Olivine Mountain.

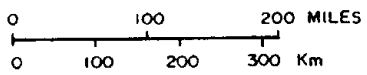
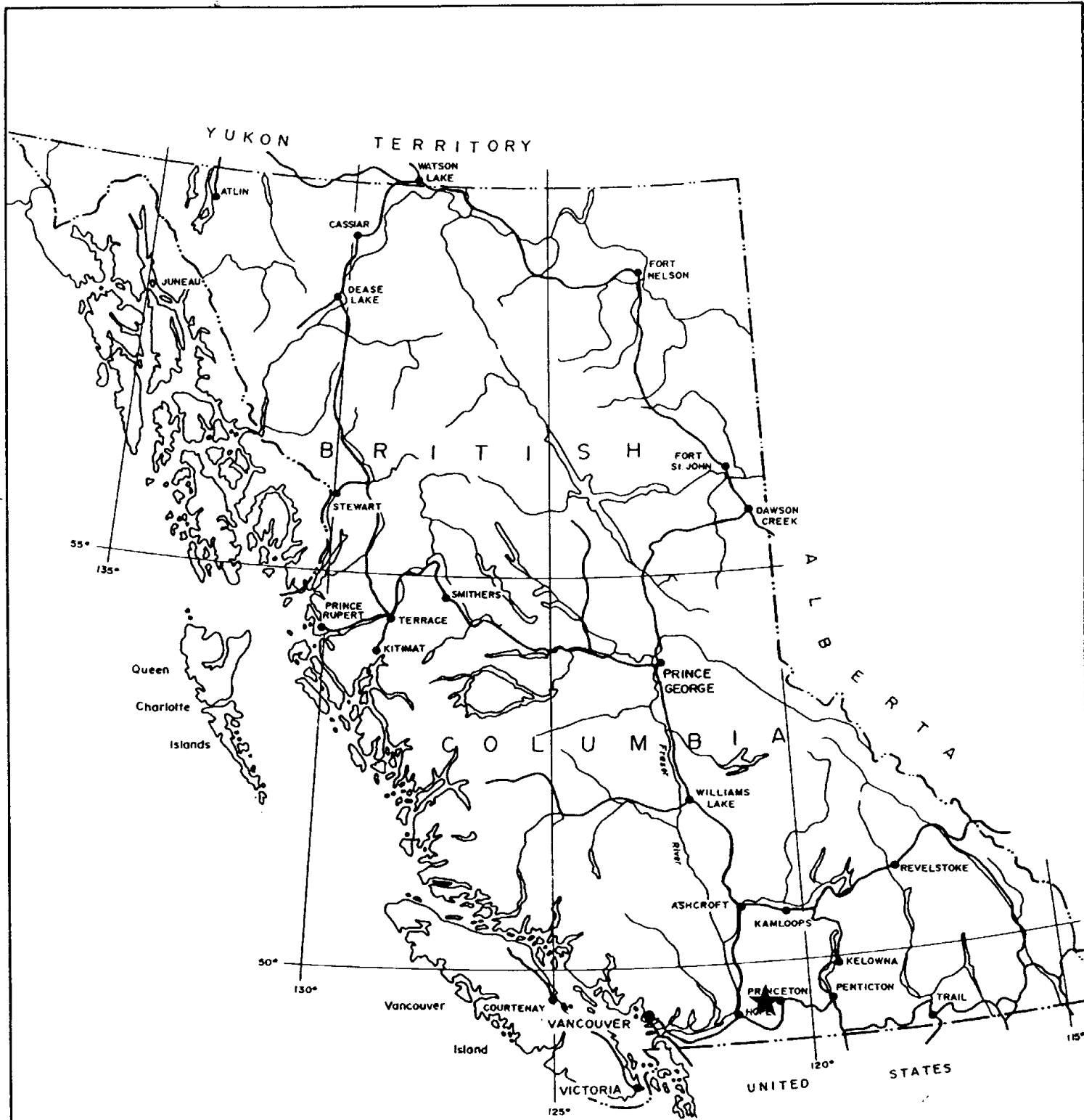
CLAIM INFORMATION

The H+H group of claims consist of 16 units of modified grid claims and four 2-post claims recorded in the Similkameen Mining Division on NTS maps 92H/7, 10. The claims are in good standing until 1987. Work herein will advance expiry dates to 1991. Claim data are listed below. The H-H 5 claim was staked on August 31, 1987.

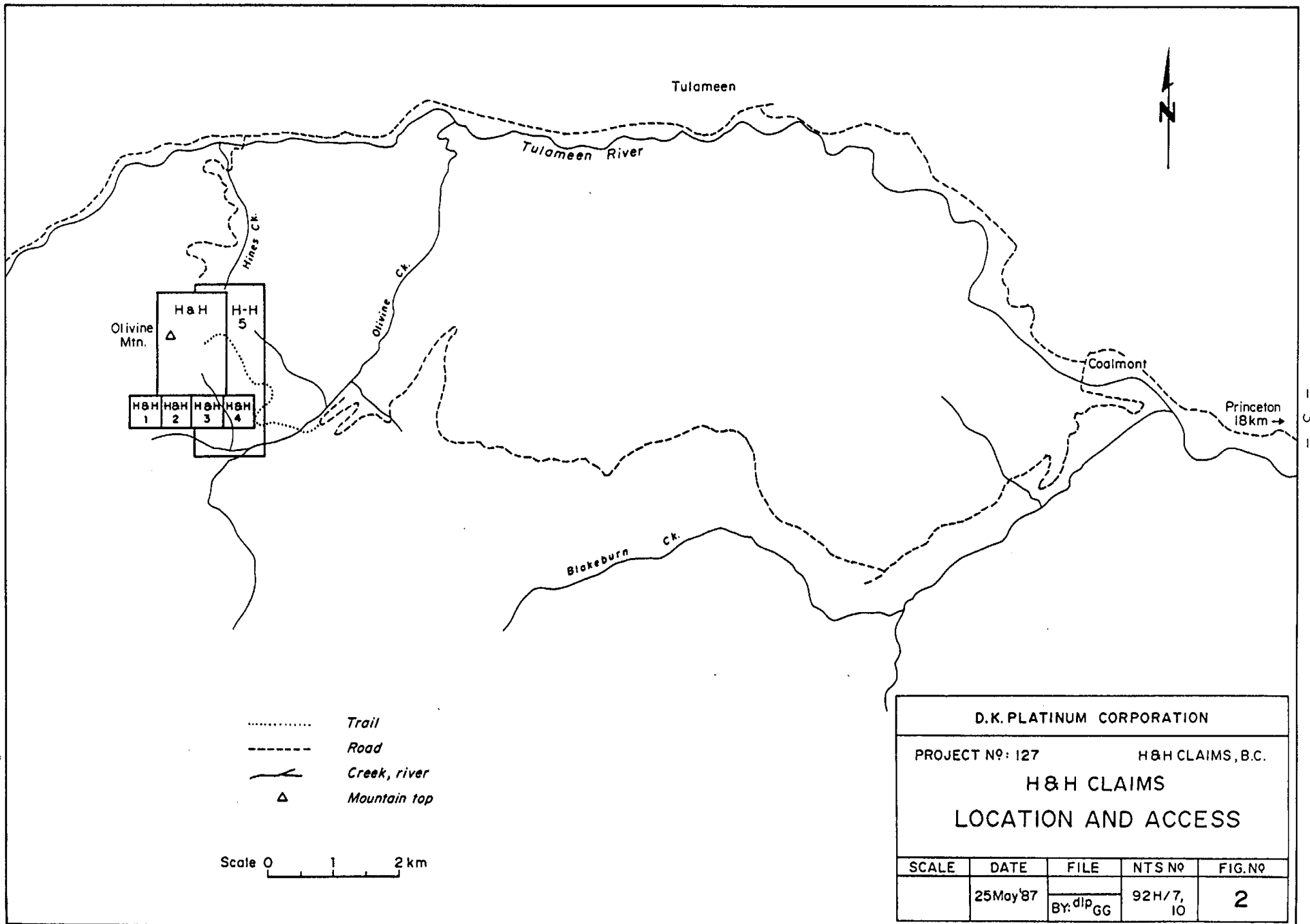
<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
H&H (6 units)	652	June 22, 1987
H&H 1	674	July 27, 1987
H&H 2	675	July 27, 1987
H&H 3	676	July 27, 1987
H&H 4	677	July 27, 1987
H-H 5 (10 units)	2684	Sept. 4, 1987

1986 WORK PROGRAM

The 1986 prospecting program was done between August 25 and November 2, 1986. Accommodations were in Princeton, a 45 minute drive from the property.



D.K. PLATINUM CORPORATION			
PROPERTY LOCATION PLAN H&H CLAIMS			
FOX GEOLOGICAL CONSULTANTS LTD.			
DATE		N.T.S.	Dwg. No.
			1



- Trail
- Road
- ~~~~~ Creek, river
- △ Mountain top

Scale 0 1 2 km

D.K. PLATINUM CORPORATION				
PROJECT N ^o : 127		H&H CLAIMS, B.C.		
H&H CLAIMS				
LOCATION AND ACCESS				
SCALE	DATE	FILE	NTS N ^o	FIG. N ^o
	25 May '87	BY: dip GG	92H/7, 10	2

A total of 8,000 metres of grid line was established by chain and compass methods and soil samples collected from "B" horizons (where possible) at 50-metre intervals along lines spaced 100 metres apart. A limited number of rock chip samples were collected in conjunction with preliminary geological mapping. All samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver for 10 elements by ICP methods and gold, palladium, platinum by mass spectrograph. Analytical reports, grid coordinates and field observations are included in Appendix I. Results for platinum are given in Figure 4.

GENERAL GEOLOGY

The regional geology of the Tulameen Ultramafic Complex from D.C. Findlay and R.M. St. Louis appears in Figure 3. Olivine Mountain, composed dominantly of dunite, forms the core of the steeply dipping, concentrically zoned ultramafic complex. The units progress, over a distance of two to several kilometres, from dunite through peridotite, olivine clinopyroxenite, hornblende, clinopyroxenite to syenogabbro and syenodiorite (Findlay, 1963).

High concentrations of platinum were found in dunite and peridotite by Findlay (1963). Robert M. St. Louis performed a masters thesis study on Platinum Group Elements of the Tulameen Complex. His observations corresponded with those of Findlay (1963).

RESULTS

One hundred and seventy soil samples and 22 rock samples were obtained from eight kilometres of flagged line on the H+H claims. Access was by a two kilometre long foot trail to the logging road at Olivine Creek.

Soil geochemical and rock chip sample results for platinum are given in Figure 4. A distinct platinum anomaly occurs over the north-central portion of the grid. Rock chip sampling determined high platinum concentrations from serpentinite zones associated with chromite.

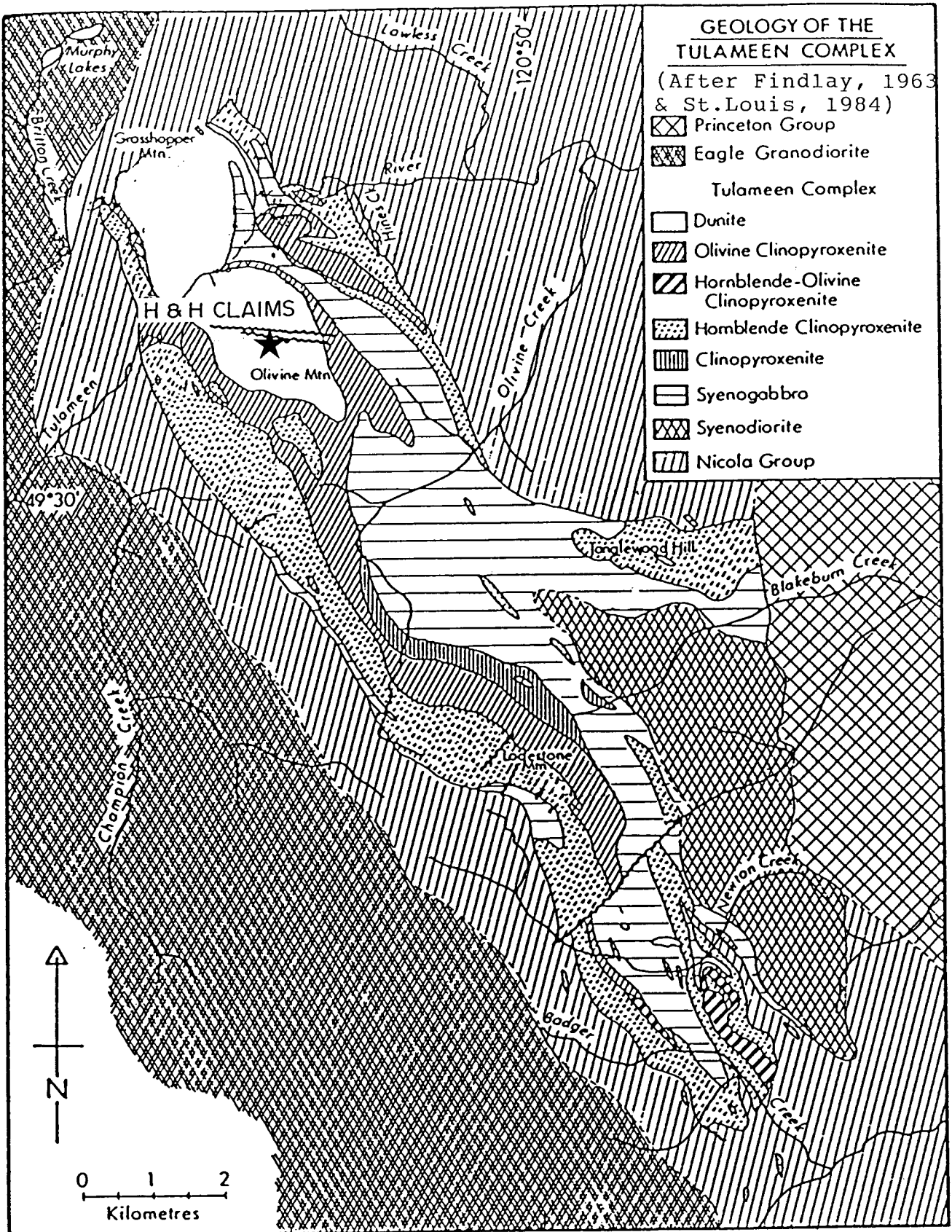


Figure 3: Generalized Geology of the Tulameen Complex (After Findlay, 1963 and St. Louis, 1984).

DISBURSEMENTS

Project Salaries

G. Goodall, B.Sc. Geologist	16.5 days @ \$250	\$ 4,125.00
R. Konst, B.Sc. Sampler	11.5 days @ \$250	2,875.00
R. MacDonald Sampler	7.0 days @ \$250	1,750.00

Consulting

P. E. Fox, Ph.D., P.Eng.	1.5 days @ \$400	600.00
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Lease Vehicles

1 - 4x4 truck - 17 days @ \$50	850.00
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Accommodation and Board

36.5 man days @ \$35/day	1,277.50
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Analyses

170 soil samples @ \$16.35	2,779.50
22 rock samples @ \$18.25	401.50

Report Preparation

49.50

TOTAL

\$14,708.00

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Work paid for by D. K. Platinum Corporation.

CONCLUSIONS AND RECOMMENDATIONS

A significant platinum anomaly is present in soil samples collected along the grid. Further soil sampling is required to the west and to the south of the present grid. Detailed geological mapping at a scale of 1:1000 and detailed sampling of the dunite and pyroxenite is required to define possible drill targets.

Prepared by:

FOX GEOLOGICAL CONSULTANTS LTD.



Geoffrey N. Goodall, B.Sc.



P. E. Fox, Ph.D., P.Eng.

May 25, 1987

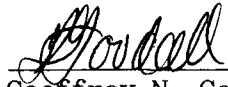
LIST OF REFERENCES

- Findlay, D.C., 1965. Platinum in the Tulameen Ultramafic Complex, B.C. Geol. Surv. Canada Paper 65-2(20).
- Findlay, D.C., 1969. Origin of the Tulameen Ultramafic-Gabbro Complex, Southern British Columbia. Can. Jour. Earth Sci. V 6. p 399-425.
- St. Louis, Robert Michael, 1984. Geochemistry of the Platinum Group Elements in the Tulameen Ultramafic Complex, British Columbia, M.Sc. Thesis, University of Alberta.
- Rice, H.M.A., 1947. Geology and Mineral Deposits of the Princeton Map Area, British Columbia. Geol. Surv. Canada Mem. 243.

CERTIFICATE

I, Geoffrey N. Goodall, of the City of Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1984 with a Bachelor of Science degree in geology.
2. I have been practising my profession as a geologist since 1984.
3. I have worked on the H+H claims as specified in this report.



Geoffrey N. Goodall, B.Sc.
May 25, 1987

A P P E N D I X I

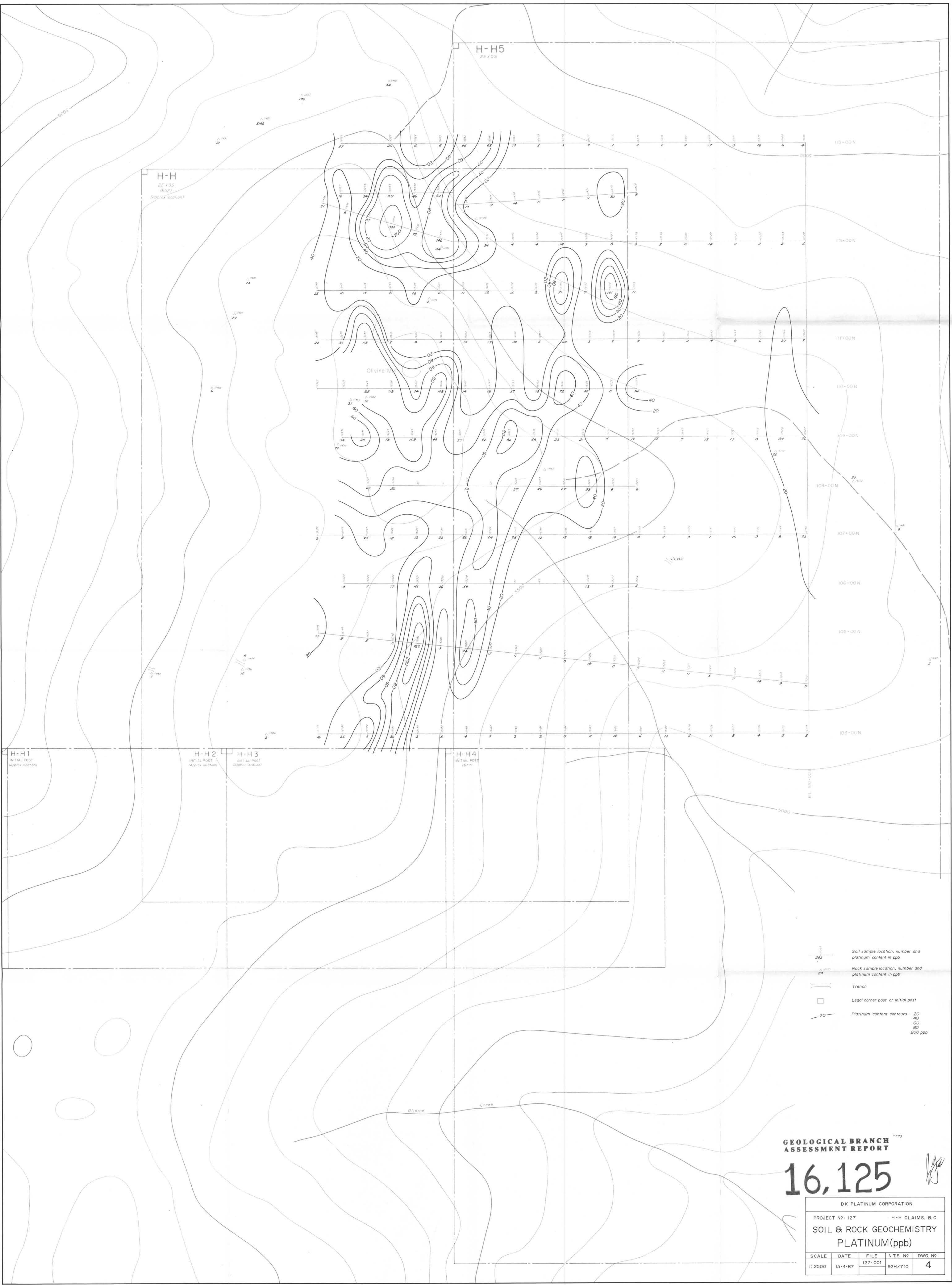
GEOCHEMICAL ANALYSES

by

Acme Analytical Laboratories Ltd.
852 East Hastings Street
Vancouver, B.C.

Geochemical ICP Analysis

.500 gram sample is digested with 3 ml 3-1-2 HCL-HNO₃-H₂O at 95 deg. C for one hour and is diluted to 10 ml with water. This leach is partial for Mn, Fe, Ca, P, Cr, Mg, Ba, Tl, B, Al, Na, K, W, Si, Zr, Ce, Sn, Y, Nb and Ta. Au detection limit by ICP is 3 ppm. Au, Pt, Pd by FA-MS.



H-H1
INITIAL POST
(Approx. location)

H-H2
INITIAL POST
(Approx. location)

H-H3
INITIAL POST
(Approx. location)

H-H4
INITIAL POST
(Approx. location)

H-H5
2E155

H-H
2E135
46523
(Approx. location)

- Soil sample location, number and platinum content in ppb
- Rock sample location, number and platinum content in ppb
- Trench
- Legal corner post or initial post
- Platinum content contours - 20, 40, 60, 80, 100, 120, 140, 160, 180, 200 ppb

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

16,125

DK PLATINUM CORPORATION				
PROJECT NO: 127		H-H CLAIMS, B.C.		
SOIL & ROCK GEOCHEMISTRY				
PLATINUM(ppb)				
SCALE	DATE	FILE	N.T.S. NO	DWG. NO
1:2500	15-4-87	127-001	92H/7.10	4