

MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.:	092602
	PROSPECTUS		MINING DISTRICT:	Whitehorse
	CONFIDENTIAL	X	TYPE OF WORK:	Geochemical
115 G 5	OPEN FILE			

---

REPORT FILED UNDER: Gold City Resources Inc.			
DATE PERFORMED:	1-8 June, 1988	DATE FILED:	22 August, 1988
LOCATION:	LAT.: 61 20'N	AREA:	Maple Creek
	LONG.: 139 20'W	VALUE \$:	3800.00

---

CLAIM NAME & NO.: DON 1-10 (YB08574-583); DON 14-24 (YB08584-9); DON 27 (YB08595);  
DON 29-44 (YB08597-612)

---

WORK DONE BY: P.D. Van Angeren

---

WORK DONE FOR: Gold City Resources Inc.

DATE TO GOOD STANDING	REMARKS: #82 MAPLE
_____	16 soil samples and 10 rock samples were collected in 1988
_____	from an area of pyritic greenstone. None of the samples were
_____	anomalous.
_____	



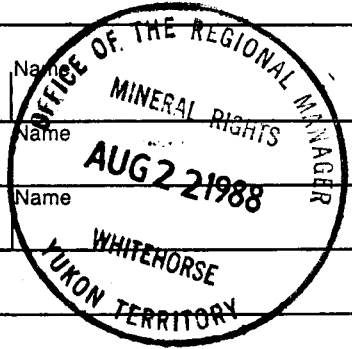
M.R. file no.
R.M.M.R. file no.
Date forwarded <i>22 Aug. 1988</i>

### TRANSMITTAL FORM

From ► Mining Recorder at: *Whitehorse*

To ► Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:



- NEW APPLICATION FOR PLACER LEASE TO PROSPECT
- RENEWAL APPLICATION PLACER LEASE TO PROSPECT
- AFFIDAVIT OF EXPENDITURE ON PLACER LEASE
- SECURITY DEPOSIT
- FINANCIAL ABILITY

ASSIGNMENT OF PLACER LEASE NO. From \_\_\_\_\_ To \_\_\_\_\_

GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. Owner \_\_\_\_\_

DIAMOND DRILL LOGS Claims \_\_\_\_\_ Claim sheet no. \_\_\_\_\_

QUARTZ ASSESSMENT REPORT Claims *DON 1-10, 14-24, 27, 29-44* Claim sheet no. \_\_\_\_\_

Type of report *Geochemical* Submitted by *Gold City Resources Inc.*

Cls. work performed on *DON* \$ req. for ren. application *3800.00*

\_\_\_\_\_  
Signature

Date returned  
*7 Dec. 88*

#### REPLY ACTION

*PC and DON reports together require  
Total assessment of \$8800.00.*

*Approved for amount required*

**002602**

*J.F. Brenner*  
Signature

FROM / DE

Jewer Brenner (Geology)

File No. (originator) — Dossier n° (source)

TO / A

Whitehorse Mining Recorder  
Attention: Genna

File No. (addressee) — Dossier n° (destinataire)

Subject - Objet

Re Dow 1-44 and PC 1-50 claims (11595)  
submitted by P.D. Van Angeren

Please ask for breakdown of MBW's costs  
(\$4000.00 item on attached sheet).

This is not detailed in either of the reports.

Also, please check the circled area on attached  
map if grouping is required.

Signature

J. J. Brenner

Date

21 Sept 88

Telephone

667-3203

Reply - Reponse

Trans: is this satisfactory  
or do you wish me to  
write to MBW for details.  
Mifer

17 Oct 1988

092602

7540 21-029-0717

GC 59a

Signature

Date

Telephone

1

ADDRESSEE  
DESTINATAIRE

Please add reply — Keep this copy and return copy 2 to originator.  
Inscrire la réponse — Garder cette copie et expédier la copie 2 à l'Initiateur.



FROM DE [ Trevor Brenner (Geology) ]

File No. (originator) -- Dossier n° (source)

TO A [ Whitehorse Mining Recorder  
Attention: Geneva ]

File No. (addressee) -- Dossier n° (destinataire)

Subject - Objet

-- Re: DOW 1-44 and PC 1-50 claims (115 G 5)  
submitted by P.D. Van Angeren

Please ask for breakdown of MBW's costs  
(\$4000.00 item on attached sheet).  
This is not detailed in either of the reports.

Also, please check the circled area on attached  
map if grouping is required.

Signature T. J. Brenner Date 21 Sept 88 Telephone 667-3203  
Reply - Réponse

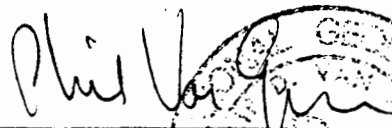
7540-21-029-0717

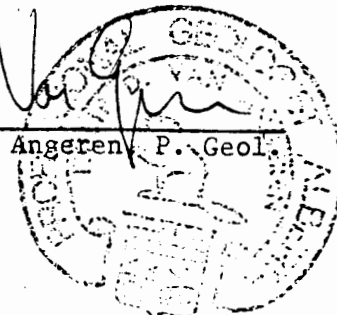
092602

STATEMENT OF COSTS

(A) Aurum Geological Consultants Inc.;		
Assessment work and Report, PC 1-50:		\$4078.87
(B) MBW Survey Ltd.;		
Field Work - June 1-8, 1988:		4000.00
(C) Bondar Clegg Laboratories;		
Geochemical Analyses - 26 samples:		618.50
(D) Report Preparation		
P. Van Angeren, 3 days @ \$165/day:		<u>495.00</u>
<b>TOTAL VALUATION, ASSESSMENT WORK ON PC &amp; DON CLAIMS:</b>		<b><u>\$9192.37</u></b>

Respectfully submitted,

  
Philip Van Angeren, P. Geol.



Calgary, Alberta,  
July 31, 1988

092602



26 September, 1988

Your file    Votre référence

Our file    Notre référence    340-17-6

Gold City Resources Inc.  
810 - 910 - 7th Avenue, S.W.  
Calgary, Alberta  
T8P 3N8

Dear Sir:

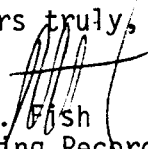
I refer to the Geological/Geochemical report submitted as assessment work in support of work filed in this office for the DON and P.C. mineral claims on the 23rd of June, 1988.

Your report has been evaluated by our Geological Department and they have sent the report back to me for the following information, as required by the Schedule of Representation Work under the Yukon Quartz Mining Act.

As per the attached copy of Statement of Costs you show an amount of \$4,000.00 for field work from the 1st June to 8th June, 1988 by MBE Surveys Ltd. Would you please provide a statement for these costs providing receipts and vouchers.

Once the information has been provided and approved, this office will continue to process your renewal application. If you have any questions concerning this matter, please call me at 667-6849.

Yours truly,

  
M.A. Fish  
Mining Recorder  
Whitehorse Mining District  
Room 201 Federal Building  
Whitehorse, Yukon  
Y1A 2B5

attach.

Canada

092602

Morley Barker  
Bus: (403) 668-2467  
Res: (403) 633-2974

# MBW Surveys Ltd.

## Survey and Exploration Services

#5 Teak Avenue  
Whitehorse, Yukon  
Y1A 4W5

JUNE 17 1988

AVANTI MINERALS LTD.  
SUITE 810 910 7 th AVE SW  
CALGARY ALBERTA

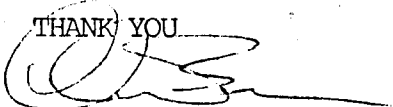
ATTN PAUL S WHITE

RE DON CLAIMS BURWASH AREA CLAIM SHEET 115 g 5

EXPLORATION PROGRAM PERFORMED ON DON CLAIM S BURWASH AREA \$4000.00  
(JUNE 1 to JUNE 8 1988)

TOTAL COST \$4000.00

THANK YOU

  
MORLEY BARKER

092602



**GOLD CITY RESOURCES INC.**

Suite 810, 910 - 7th Ave. S.W., Calgary, Alta. T2P 3N8  
Telephone: (403) 269-2122 FAX: (403) 234-7769



October 3, 1988

Mining Recorder  
Whitehorse Mining District  
Room 201 Federal Building  
Whitehorse, Yukon  
Y1A 2B5

Attention: M.A. Fish

Dear Sir:

Enclosed is a copy of the invoice from MBW Surveys Ltd. pertaining to the assessment work for the DON and P.C. mineral claims. If further particulars about the work are required please contact Mr. Morley Barker of MBW Surveys.

Yours truly,

**GOLD CITY RESOURCES INC.**

John Fast  
Comptroller

JF/ycf  
Enclosure

092002

GEOCHEMICAL ASSESSMENT REPORT

OF

QUARTZ MINERAL CLAIMS

DON 1-10, DON 14-24, DON 27 and DON 29-44

GRANT NUMBERS

YB08574-583; YB08584-594; YB08595 and YB08597-612

Wade Creek Area

NTS Map Sheet 115-G-5

Latitude 61°20'N - Longitude 139°20'W

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

FOR

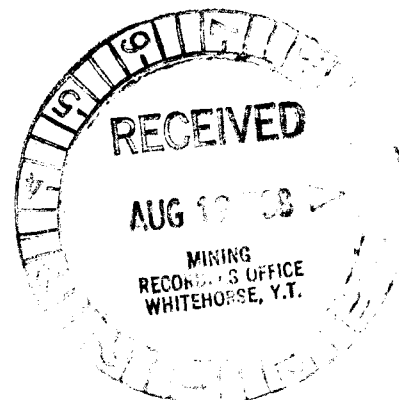
GOLD CITY RESOURCES INC.

810, 910 - 7th Ave. S.W.  
Calgary, Alberta T2P 3N8

BY

PHILIP D. VAN ANGEREN, P.GEOL.  
Calgary, Alberta

July 31, 1988



092602

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 3800.00.

*J. J. Bennett*

Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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## SUMMARY

The PC 1-50 and DON 1-44 claims of Gold City Resources Inc., are located in the Kluane Ranges of southwestern Yukon Territory. The area has attracted much attention recently as a platinum group element play, with the re-evaluation of the Wellgreen Cu-Ni deposit as a potential PGE deposit. Wellgreen is only 5 km east of the PC and DON claim groups.

Both claim blocks have been given a preliminary examination by Aurum Geological Consultants Inc. and MBW Surveys Ltd. in late 1987 and early 1988. Although no Wellgreen-type mineralization has been detected to date by these cursory investigations on either block, the presence of PGE mineralization elsewhere on the properties is not precluded. Detection and evaluation of ultramafic sills and dikes is the favored exploration approach.

## INTRODUCTION

The author has been retained by Gold City Resources Inc. ("Gold City") to complete this Summary Report pertaining to reconnaissance-level soil and rock sampling on their PC 1-50 and DON 1-44 mineral claims, located in Western Yukon Territory (Figure 1).

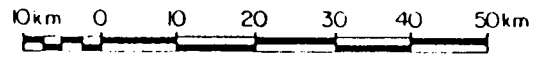
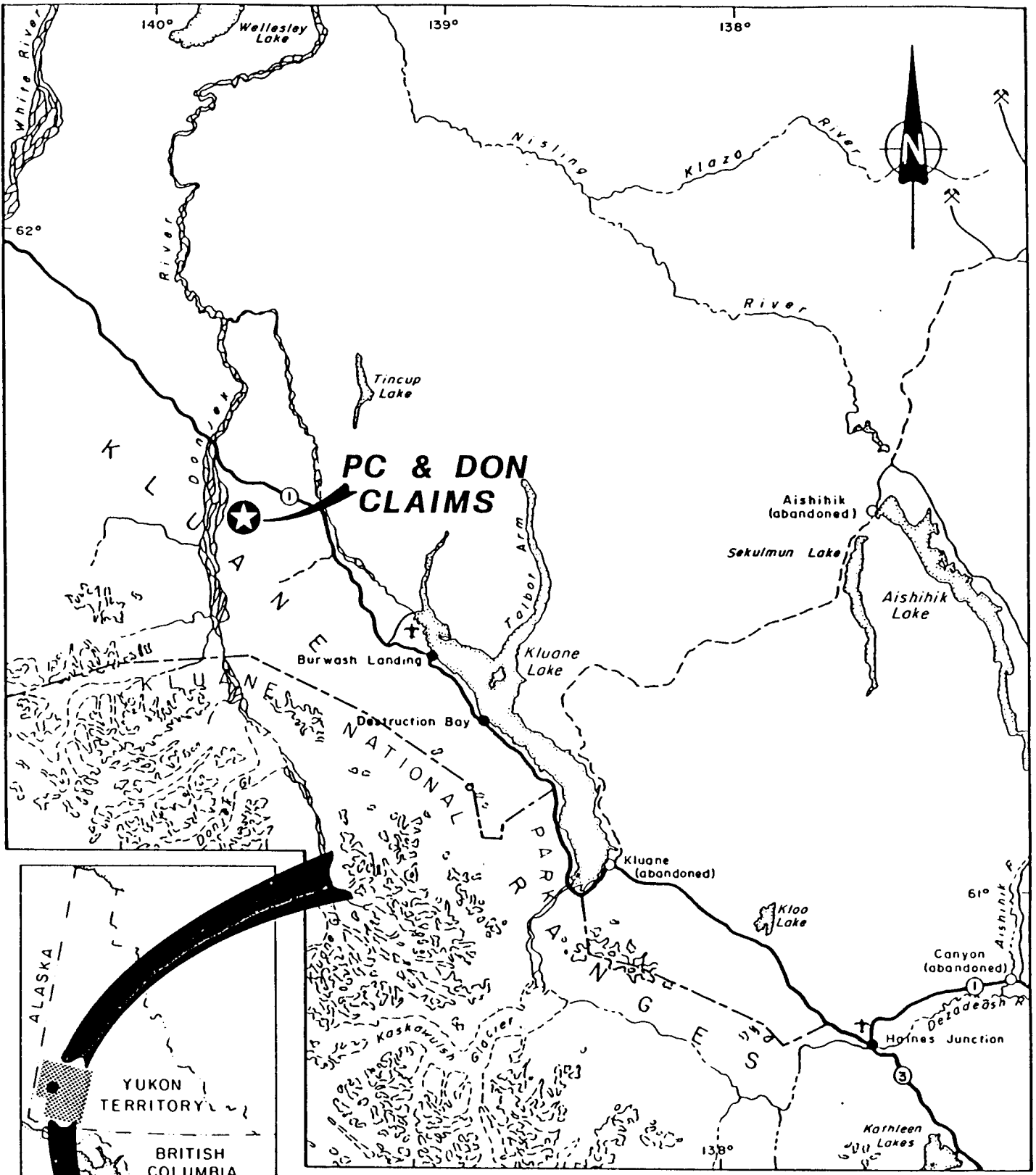
The work was completed on DON 1-44 by MBW Surveys, of Whitehorse, Y.T., between June 1 and June 8, 1988. Although the author has not been on the property, he has obtained sufficient information from Gold City, MBW Surveys Ltd. and Aurum Geological Consultants Inc. ("Aurum") to finalize this report. Aurum has provided Gold City with an Assessment Report concerning the adjacent PC 1 to 50 claims (report dated June 15, 1988). Much of the information of general interest presented herein is derived from Aurum's Assessment Report. The author has worked on this report June 14-15, 1988 and July 31, 1988.

The DON claim group comprises 38 unsurveyed mineral claims, all situated within Whitehorse Mining District. The PC claims constitute 50 units. All claims are tabulated below and shown on Figure 2.

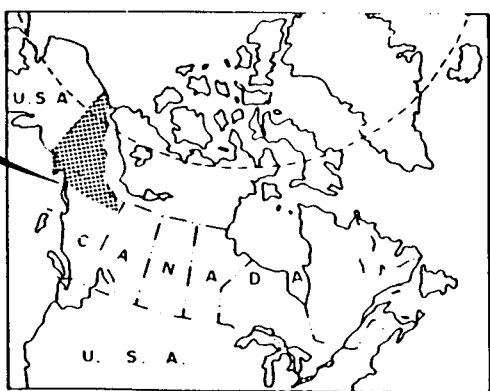
<u>Claim Name</u>	<u>Grant Number</u>	<u>Anniversary Date</u>
DON 1-10	YB08574-583 inclusive	Oct. 15, 1988
DON 14-24	YB08584-594 inclusive	Oct. 15, 1988
DON 27	YB08595	Oct. 15, 1988
DON 29-44	YB08597-612 inclusive	Oct. 15, 1988
PC 1-50	YA97796-845 inclusive	June 17, 1989*

\* pending record of work submitted early June 1988.

The actual legal aspects of the claims are unknown to the author.



DAWSON ELDORADO MINES LTD.		
PC 1-50 & DON 1-39 CLAIM GROUPS		
LOCATION		
from Aurum Geological Consultants		
Aurum Geological Consultants Inc.		January, 1988
Drawn by CJRH/NH	Scale: 1,000,000	Figure: 1



## LOCATION AND ACCESS

The DON claims are located in the Kluane Ranges of southwestern Yukon Territory, at Long. 139°38'W and Lat. 61°20'N on NTS Sheet 115 G 5. Located 5 km southwest of the Wellgreen property, the claim group is 50 km north of Burwash Landing on the Alaska Highway. This is 255 km northwest of Whitehorse.

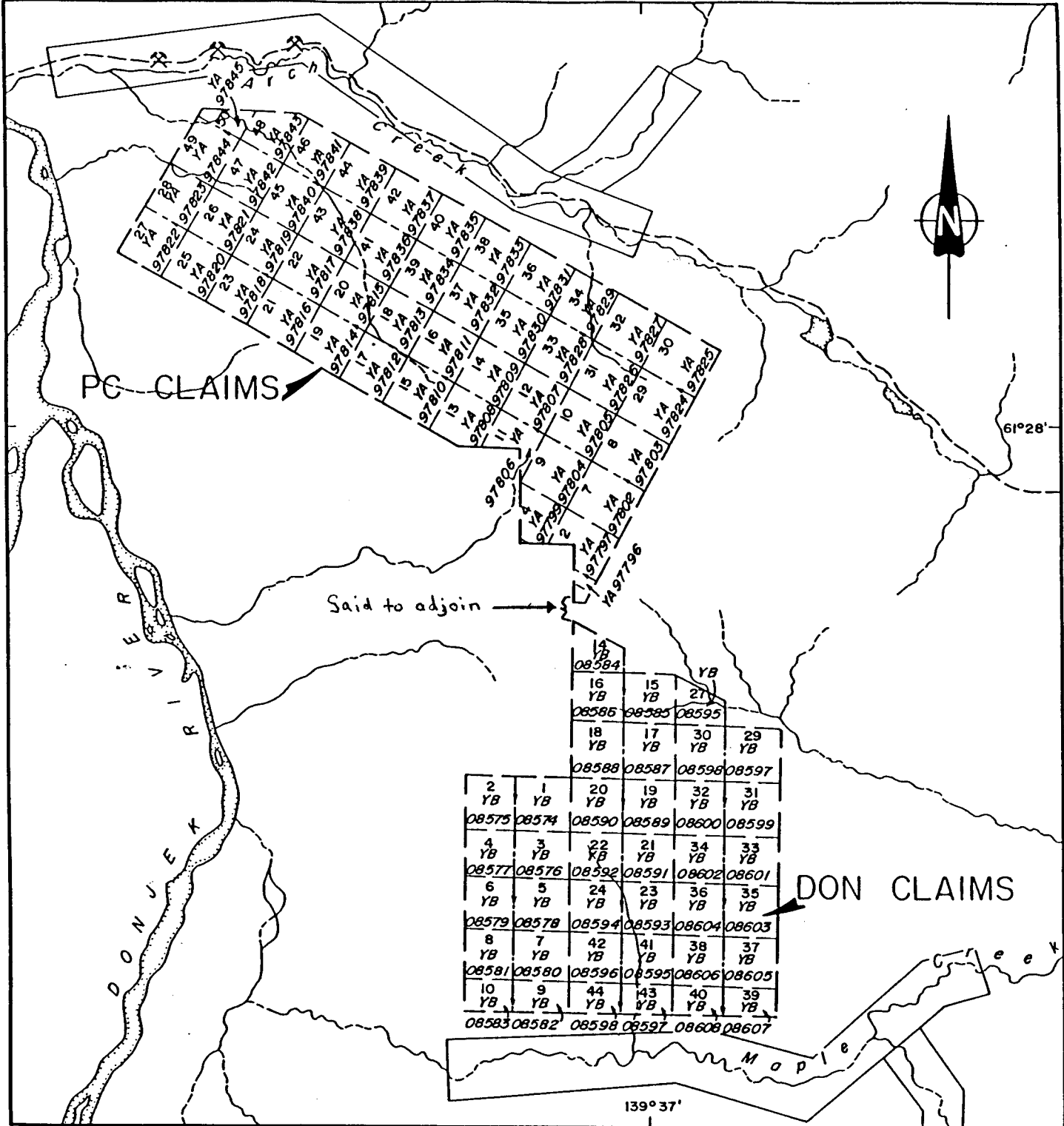
Access is by helicopter from Burwash, although the PC claims may be reached by dirt road from Wellgreen.

The DON claims are on the height of land between Arch and Maple Creek, above treeline.

## HISTORY

The information below is derived in part from Aurum report. Exploration in the Kluane Ranges dates back to the late 1800's with numerous discoveries of native copper occurrences within basic volcanic rocks. Emphasis turned to copper nickel ores with the finding of the Wellgreen deposit in the 1950's. At closure, in 1973, Wellgreen still had calculated open-pittable reserves of 10 million tons grading 0.6% Ni, 0.5% Cu and 0.04 opt platinum group elements (PGE).

The recent exploration activities have focused on the PGE potential



PC CLAIMS

DON CLAIMS

Said to adjoin

LEGEND

- claim boundary
- claim number
- tag number
- direction of staking

- road
- creek, pond
- river
- placer claims
- gold placer operations

Note: adapted from D.I.A.N.D. map sheet I15G-5



DAWSON ELDORADO MINES LTD.	
PC I-50 & DON I-39 CLAIM GROUPS	
CLAIM MAP	
from Aurum Geological Consultants	
Aurum Geological Consultants Inc.	JANUARY, 1988
NTS I15G/5	DRAWN BY CJR/H / NH
SCALE: 1:50,000	FIGURE: 2

of the Wellgreen deposit. Re-evaluation of the geology and mineralization at Wellgreen has resulted in positive results and increased interest in PGE exploration for the area. Exploration has, thus, been concentrated on ultramafic intrusives which are intimately related with the "Wellgreen-type" PGE ores.

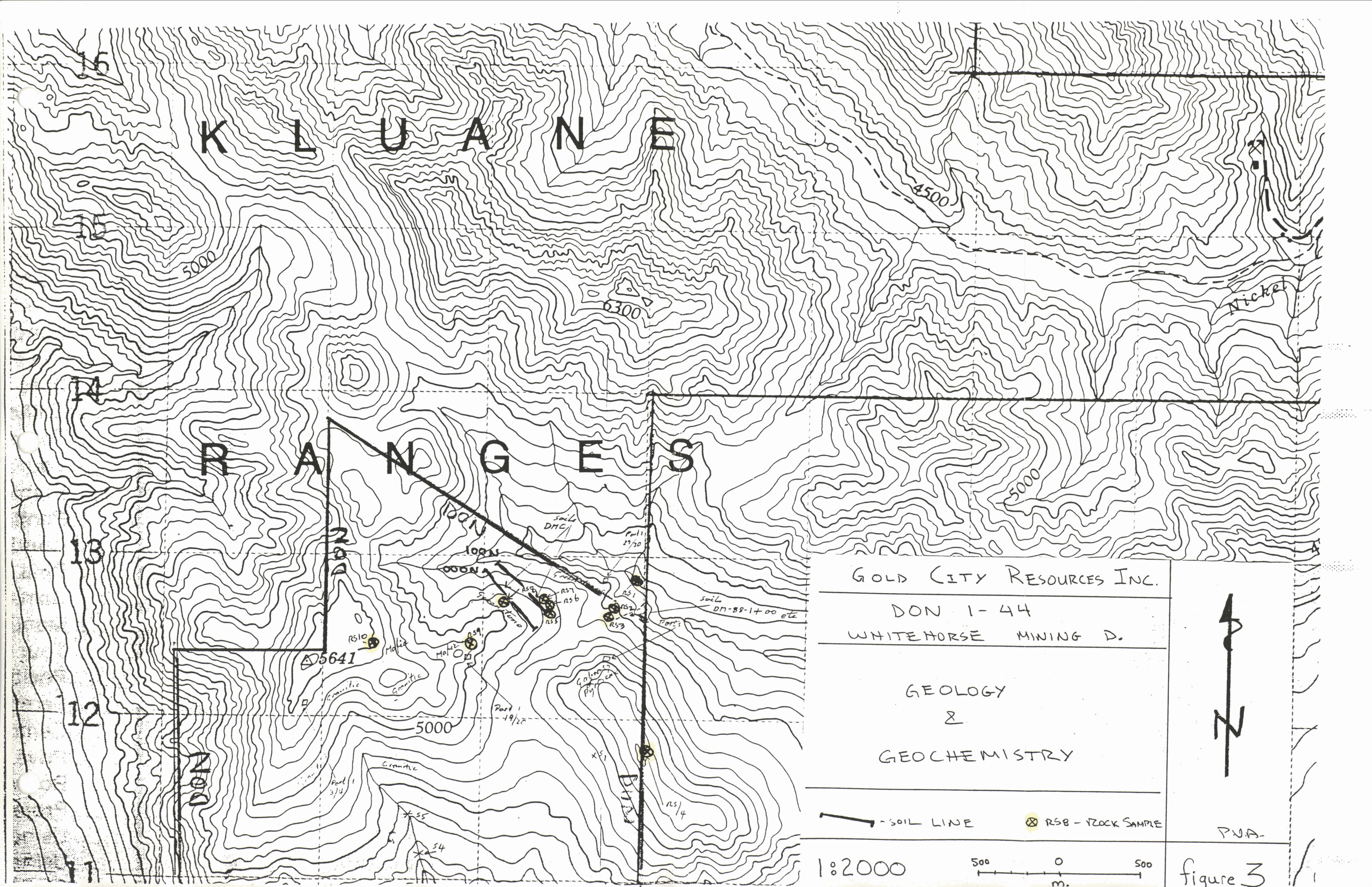
The area covered by the DON claims has no record of previous exploration.

## GEOLOGY

The PC and DON claim area is underlain by northwest-trending formations of Paleozoic and Mesozoic ages. The DON group, in particular, covers a series of Permian argillites, siltstones and greywackes known as the Hansen Creek Formation. They are termed "greenstones" by MBW Surveys Ltd. (Figure 3). These strata are sheared and foliated parallel to the northwest-trending folds and faults which characterize the region.

Cretaceous granodiorite has intruded and hornfelsed the Hansen Creek greywackes.

Little in way of mineralization has been observed. The hornfelsed greywackes (greenstone) contain localized zones of disseminated pyrite and pyrrhotite.



GOLD CITY RESOURCES INC.

DON 1-44  
WHITEHORSE MINING D.

GEOLOGY  
&  
GEOCHEMISTRY



— SOIL LINE      ⊗ RSB - ROCK SAMPLE

PVA

1:2000

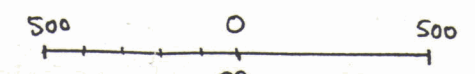


figure 3

## GEOCHEMISTRY

MBW Surveys Ltd. has collected a series of soil and rock samples from the southeastern portion of the DON claims. Sixteen soils from two lines (50 m soil sample spacing) were taken over pyritized greenstone, some 600 m northeast of their contact with granodiorite. Analysed for Pt, Pd, Au, Co, Cr, Cu and Ni at Bondar Clegg Laboratories, Vancouver, B.C., the samples contain background values of all elements (APPENDIX I).

Ten rock (grab) samples were selected from variously hornfelsed and/or pyritized "greenstone". These were analyzed for Pt, Pd and Au, but none returned significantly anomalous values (APPENDIX I).

## CONCLUSIONS AND RECOMMENDATIONS

Ultramafic intrusives of the style observed at the Wellgreen property were not noted on the DON claims. Hornfelsed "greenstones" containing disseminated iron sulphides typify the more economic PGE mineralization at Wellgreen, but these are closely associated with the ultramafic intrusion. On the DON claims, such pyritized hornfelsed greenstones were located, but they are believed to be related to the granodiorite and, therefore, are not considered to be economically significant for PGE metals. The soil and rock sampling seems to confirm this observation. It should be borne in mind that the property has been given only the most cursory of examinations and, further, limited prospecting may reveal the presence of Wellgreen-type ultramafic and disseminated

"wallrock" ores elsewhere on the DON and PC claims.

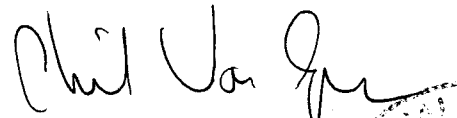
On this basis, only a limited program of prospecting and silt sampling is recommended for the DON claim block, to fully evaluate its PGE potential.

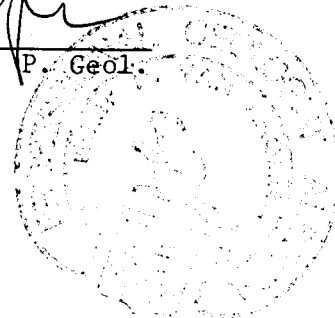


STATEMENT OF COSTS

(A) Aurum Geological Consultants Inc.;	
Assessment work and Report, PC 1-50:	\$4078.87
(B) MBW Survey Ltd.;	
Field Work - June 1-8, 1988:	4000.00
(C) Bondar Clegg Laboratories;	
Geochemical Analyses - 26 samples:	618.50
(D) Report Preparation	
P. Van Angeren, 3 days @ \$165/day:	<u>495.00</u>
<b>TOTAL VALUATION, ASSESSMENT WORK ON PC &amp; DON CLAIMS:</b>	<b><u>\$9192.37</u></b>

Respectfully submitted,

  
Philip Van Angeren, P. Geol.




Calgary, Alberta,  
July 31, 1988

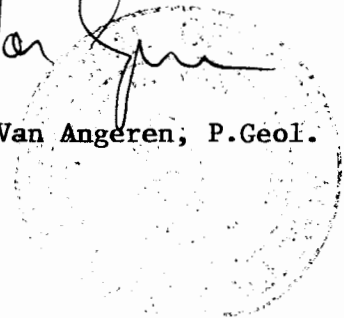
**CERTIFICATE**

I, **PHILIP D. VAN ANGEREN**, residing at 2123 Deerside Dr. S.E., Calgary, Alberta, hereby certify that:

1. I am a geologist having practised my profession for the last 11 years.
2. I am a graduate of McGill University, Montreal, P.Que., having graduated with a B.Sc. degree in Geology with Honours in 1977.
3. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
4. I have no interest direct or indirect in the securities or properties of Gold City Resources Inc., nor do I expect any.
5. I am the author of this report, which is based on the examination of data made available to me by Gold City Resources Inc., MBW Surveys Ltd. and Aurum Geological Consultants Inc.

Signed and dated on the 31st day of July, 1988.

  
**Philip D. Van Angeren, P.Geol.**

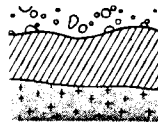


A P P E N D I X I

---

ROCK AND SOIL  
GEOCHEMICAL ASSAYS

---



REPORT: V88-04618.0 ( COMPLETE )

REFERENCE INFO:

CLIENT: GOLD CITY RESOURCES  
PROJECT: QUILL

SUBMITTED BY: PHIL VAN ANGEREN  
DATE PRINTED: 13-JUL-88

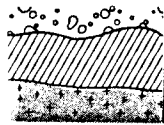
ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Pt	Platinum	26	15 PPB	FIRE-ASSAY	
2	Pd	Palladium	26	2 PPB	FIRE-ASSAY	
3	Au	Gold - Fire Assay	16	5 PPB	FIRE-ASSAY	Fire Assay AA
4	Co	Cobalt	16	1 PPM	HN03-HCL HOT EXTR	Atomic Absorption
5	Cr	Chromium (Acid Sol.)	16	2 PPM	HN03-HCL HOT EXTR	Atomic Absorption
6	Cu	Copper	16	1 PPM	HN03-HCL HOT EXTR	Atomic Absorption
7	Ni	Nickel	16	2 PPM	HN03-HCL HOT EXTR	Atomic Absorption
8	Au	Gold - Fire Assay	10	5 PPB	FIRE-ASSAY	Fire Assay AA
9	Au/wt	Sample weight/grams	24	0.1 G		
10	Au/wt	-20 Au Sample Weight	3	0.1 G		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	16	1 -80	16	POLYBAGS, SIEVE -80	16
R ROCK OR BFD ROCK	10	2 -150	10	CRUSH,PULVFRIZE -150	10

REPORT COPIES TO: GOLD CITY RESOURCES  
GOLD CITY RESOURCES

INVOICE TO: GOLD CITY RESOURCES  
GOLD CITY RESOURCES

**RECEIVED**  
JUL 20 1988



REPORT: V88-04618.0

PROJECT: QUTLI

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pt PPB	Pd PPB	Au PPB	Co PPM	Cr PPM	Cu PPM	Ni PPM	Au PPB	Au/wt G	Au/wt G
S1 DMC 0+00N 0+00E		<15	10	15	14	58	80	46		15.0	
S1 DMC 0+00N 0+50E		<15	6	12	9	27	35	29			15.0
S1 DMC 0+00N 1+00E		<15	<2	18	14	40	57	54		3.0	7.0
S1 DMC 0+00N 1+50E		<15	6	15	18	57	63	65		15.0	
S1 DMC 0+00N 2+00E		<15	8	15	10	37	45	40		15.0	
S1 DMC 0+00N 0+50W		<15	8	15	14	53	56	42		15.0	
S1 DMC 0+00N 1+00W		<15	6	12	14	60	62	49		15.0	
S1 DMC 0+00N 2+00W		<15	6	12	13	64	47	34		15.0	
S1 DMC 0+00N 2+50W		<15	10	12	20	64	120	60		15.0	
S1 DMC 1+00N 1+00E		15	15	20	13	46	52	50		9.0	
S1 DMC 1+00N 1+50E		<15	10	12	10	32	46	34		15.0	
S1 DMC 1+00N 2+00E		15	6	12	12	35	45	37		15.0	
S1 DMC 1+00N 0+50W		20	6	12	12	38	30	32		15.0	
S1 DMC 1+00N 1+00W		<15	6	9	8	18	32	17			15.0
S1 DMC 1+00N 1+50W		<15	6	39	12	53	41	44		15.0	
S1 DMC 1+00N 2+00W		<15	6	12	16	58	65	68		15.0	
R2 RS-1		<15	10						15	15.0	
R2 RS-2		<15	8						18	15.0	
R2 RS-3		15	10						12	15.0	
R2 RS-4		15	6						18	15.0	
R2 RS-5		20	30						15	15.0	
R2 RS-6		15	20						21	15.0	
R2 RS-7		15	25						12	15.0	
R2 RS-8		15	15						12	15.0	
R2 RS-9		15	10						15	15.0	
R2 RS-10		15	45						21	15.0	