

093360

FYDB 1 - 16 CLAIMS
YB46593 - YB46604 YB46665 - YB46668

105 D 11
60 38' 135 03' 30

1995 AUGER DRILL PROGRAM

REPORT PREPARED BY:

BRIAN SCOTT - CLAIMHOLDER



INTRODUCTION:

The FYDB 1-16 claims cover the tailings impoundment area of Whitehorse Copper mine, which has been inactive for approximately 14 years. During this time, the tailings have been tested by different operators for gold and magnetite extraction. Currently, there is renewed interest in reprocessing of mine tailings, using new technology to extract residual mineral values and to alleviate potential environmental concerns.

The current claim holder is evaluating the tailings with a view to developing a reprocessing procedure that will produce multiple marketable commodities.

Based on historical data, Whitehorse Copper's 10,000,000 tons of tailings grade .2% copper, (1) 20% magnetite (2) and contains at least 1500 kg of gold (3).

1. During January 1995, seven shallow auger holes were drilled on FYDB # 8 (YB46600) with drill cuttings submitted for gold assay. The average value was .007 oz/ ton Au.

1995 AUGER DRILL PROGRAM.

It was decided to try augering some deeper holes on FYDB #/(YB46593). This claim covers the original tailing pond that Whitehorse Copper utilized before installing a gravity recovery circuit in their mill. It was felt that residual gold values would consequently be higher in this area. Using a Minuteman auger drill seven 3" diameter holes were drilled on Dec. 18 and 19/ 95. All seven holes penetrated completely through the tailings pile with an average depth of 18 feet. Two samples from each hole were submitted for gold assay.

RESULTS:

Gold assays ranged from 35 PPB to 827 PPB, and averaged 138 PPB. During drilling it was noted that the composition of the tailings material changed considerably at depth. There was a distinct demarcation with an overlying dark magnetite-rich layer and a lower light coloured section. Assays from the dark coloured upper layer are considerably higher, and average 215 PPB.

CONCLUSIONS:

An intensive drill program is required as well as some test runs on various concentrators (Knelson, Falcon, Kelsey Jig).

1995 AUGER DRILL PROGRAM COSTS

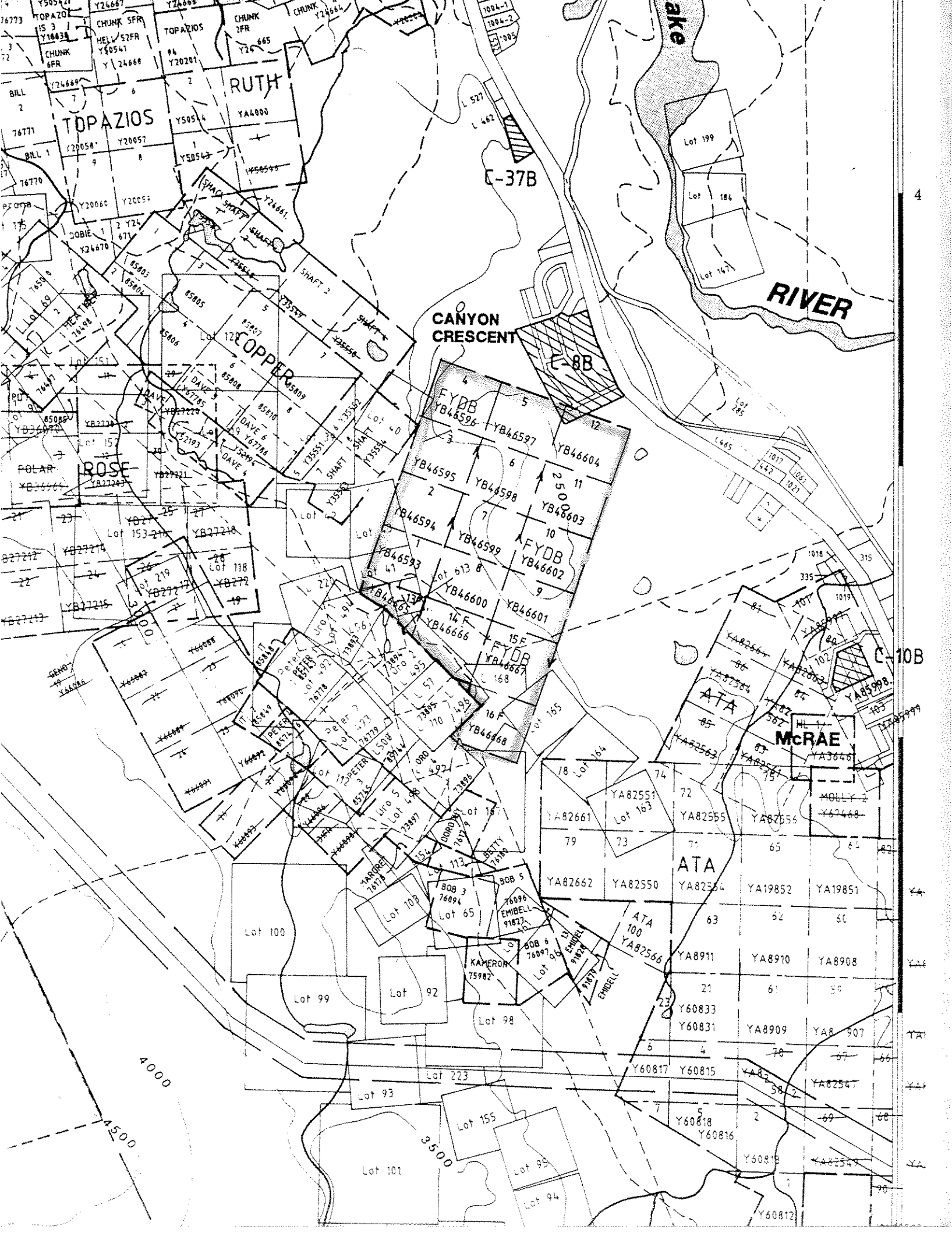
Auger drilling - Total of 125 ft @ 13.00 per foot	\$ 1625.00
Assays- NAL	228.45
Report Preparation	<u>100.00</u>
Total	\$ 1953.45

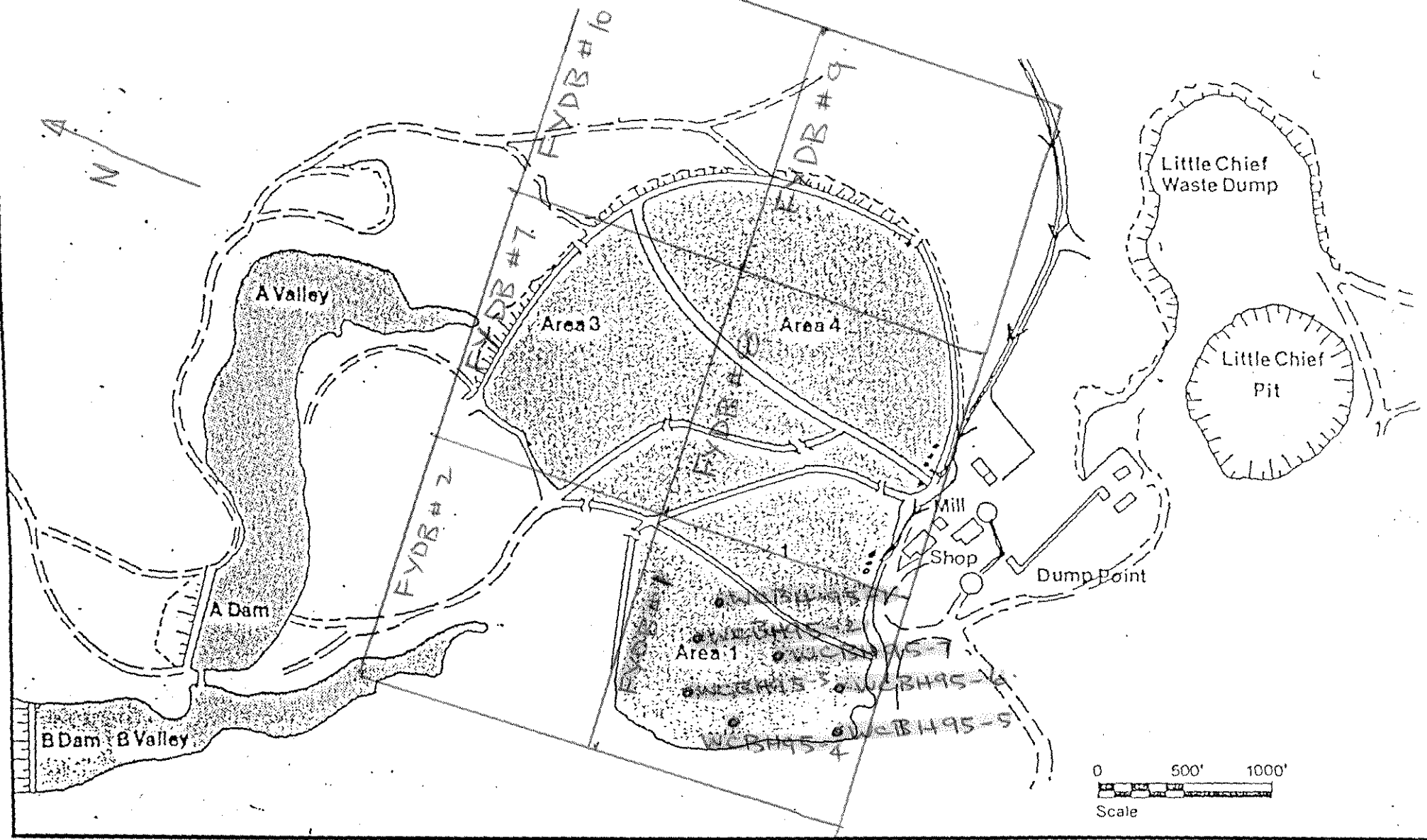
REFERENCES:

- (1) The Whitehorse Copper Belt: Mining Exploration and Geology (1967 - 1980) by: D. Tenney

- (2) Recovery of Magnetite from Whitehorse Copper Tailings by: Kilborn Ltd. for Denison Mines - 1984

- (3) Hudson Bay Mining and Smelting Internal Report by: Andy Hureau - 1995





1995 AUGER DRILL PROGRAM

- WCBH95-1 @ 19 FEET
- WCBH95-2 @ 18 FEET
- WCBH95-3 @ 13 FEET
- WCBH95-4 @ 16 FEET
- WCBH95-5 @ 20 FEET
- WCBH95-6 @ 19 FEET
- WCBH95-7 @ 20 FEET

Denison Mines Limited
 Magnetite Project
 Site Plan



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 96A0016

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7899

Client: Northern Analytical Laboratories
Project: 15493 14 Pulp

iPL: 96A0016

Out: Jan 11, 1996
In: Jan 08, 1996

Page 1 of 1
[001617:41:43:69011196]

Section 1 of 1
Certified BC Assayer: David Chiu

Sample Name	Au ppb
WCBH95 1 - 9	129
WCBH95 1 -19	73
WCBH95 2 - 9	99
WCBH95 2 -18	35
WCBH95 3 - 6	126
WCBH95 3 -13	51
WCBH95 4 - 9	827
WCBH95 4 -16	45
WCBH95 5 - 9	107
WCBH95 5 -20	51
WCBH95 6 - 6	145
WCBH95 6 -19	133
WCBH95 7 - 9	77
WCBH95 7 -20	44

Min Limit 2
Max Reported* 9999
Method FAAA

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 % =Estimate % Max=No Estimate
International Plasma Lab Ltd. 2036 Columbia St. Vancouver BC V5Y 3E1 Ph:604/879-7878 Fax:604/879-7898

Invoice for Analytical Services

To:

Brian Scott

Invoice Date: 19/01/96


WO# 15493

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
14	Prep (Dry & Pulv)	4.25	59.50
14	Au FA/AAS finish	11.00	154.00
Subtotal			213.50
GST @7% (R 121285662)			14.95
Total due on receipt of invoice			\$228.45

2% per month charged on overdue accounts

M.R. file no.
R.M.M.R. file no.
Date forwarded 25 Jan 1996

TRANSMITTAL FORM

From ▶ Mining Recorder at:		
To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T. Geology		
For action are:		
<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input checked="" type="checkbox"/> DRILL LOGS DRILL LOGS	Claims FDB 1-16	Claim sheet no. 1050-11
<input type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims	Claim sheet no.
	Type of report	Submitted by
	Cls. work performed on	\$ req. for ren. application
 Signature		

REPLY ACTION	Date returned
Signature	