2001 AUGER DRILL PROGRAM
BRIAN SCOTT
FYDB 1-16
YB46593-604,YB46665-668
105D-11

094306

ASSESSMENT REPORT - 2001

FYDB 1 - 16 CLAIMS

YB 46593 - YB 46604

YB 46665 - YB 46668

NTS 105 D 11

LATITUDE 60 38 00

LONGITUDE 135 03 30

2001 AUGER DRILL PROGRAM

AUG 10 – 14 2001

REPORT PREPARED BY BRIAN SCOTT - CLAIMHOLDER

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This report has been accepted by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 4800.00.

M. Burke

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

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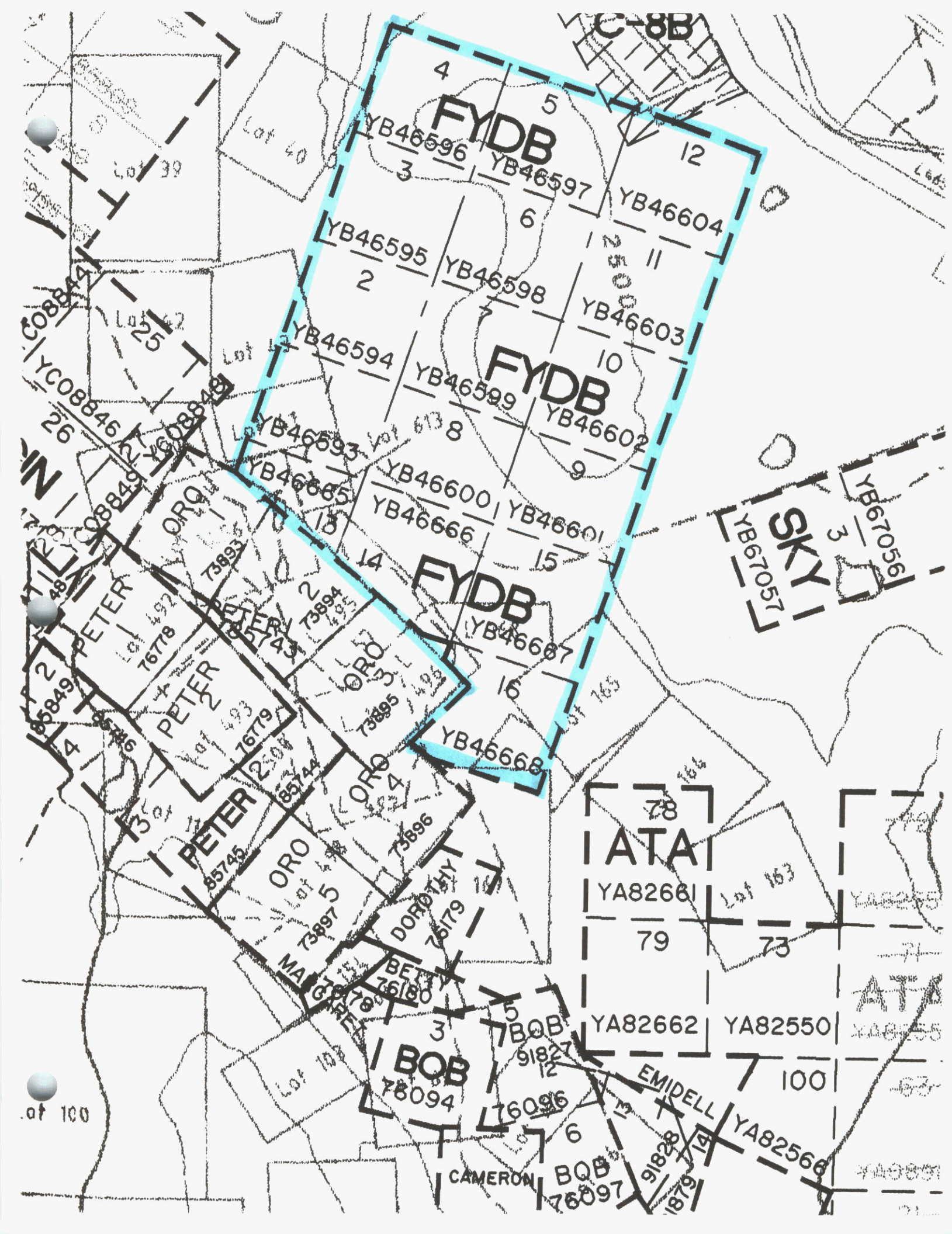
INTRODUCTION

The FYDB 1 – 16 claims cover the millsite and tailings impoundment of the now defunct Whitehorse Copper Mine. The mine operated from 1967 to 1982 . The accumulated tailings total 10,000,000 tonnes and have been identified as a potential source of magnetite.(1) . Magnetite is used as a dense media agent in coal cleaning plants, and for pre-concentrating ore in some milling operations. It is also used in heavy aggregate concrete which is required for certain pipeline applications (i.e. lake crossings). Preliminary discussions have been held with Imperial Metals Ltd. (Silvertip Mine Project – Rancheria) and Foothills Pipelines Ltd. (Alaska Highway Gas Pipeline Project) concerning their potential magnetite requirements. The tailings also contain about 1500 kg. of gold (2), which could possibly be recovered as a by – product during processing for magnetite recovery.

LOCATION AND ACCESS

The former Whitehorse Copper Mine, operated by Hudson Bay Mining and Smelting Ltd., is located within the municipal boundaries of the city of Whitehorse, Yukon. It is readily accessable by several miles of gravel road from the Alaska Highway. A powerline runs through the southern end of the FYDB claim block.


FYDB
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CAMERON
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Lot 40
Lot 42
Lot 100
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Lot 493
Lot 613
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2001 AUGER DRILL PROGRAM

The 1984 study "Recovery of Magnetite from Whitehorse Copper Tailings"- Kilborn Engineering, identified a potential resource of 1.8 million tonnes of magnetite, and recommended additional confirmation drilling. The 2001 auger drill program was implemented to partially meet this requirement to confirm magnetite (and gold) content in the tailings.

Between August 10 – 14, 2001, 14 holes totaling 354 ft. were drilled on FYDB 7 (YB 46599) and FYDB 10 (YB 46602). A Minuteman Mobile drill, with 3" O.D. auger was used. All holes were drilled to a maximum depth of 30 feet (the practical limit of this drill), or until refusal was encountered. Recovery of auger cuttings in this material (sand or clay-like tailings) was excellent. A composite sample was collected from each hole and submitted for 35 element ICP-MS analysis.

TEST RESULTS

ICP-MS analysis of the 14 samples (WCBH-1-01 to WCBH-14-01) returned gold values ranging from 70 ppb to 1299 ppb (average 204 ppb) and Fe values from 9.35% to 13.48% (average 12.55%). Using an oxide conversion factor of 1.38, the magnetite content of the 14 samples submitted ranged from 12.9% to 19% (average 17.3%).

CONCLUSIONS

The 2001 test results compare with previous results as follows:

* 2001 average gold values of .204 gm/t were slightly higher than the Hudson Bay Mining and Smelting 1985 estimate of .15 gm/t (2). Prior testing by the current claimholder , approximately 50 assays, averaged .22 gm/t Au.

- 2001 average magnetite content of 17.9% of total tailings was slightly lower than Kilborn's 1984 results of 19% (3). However, this could be explained by the fact that the method of analysis used in the 2001 testing, ICP-MS, does not achieve complete leaching of Fe.

RECOMMENDATIONS

The northern portion of the "old pond" impoundment, which holds about 7 million tonnes of tailings, or 70% of the total, and the "A" and "B" Valley impoundments, remain to be tested at depth. If market conditions warrant, drilling in these areas would be required to confirm estimated grade for gold and magnetite.

STATEMENT OF EXPENSES - 2001 Auger Drill Program

Mobilization - Aug. 10

Drilling of 14 – 3" O.D. auger boreholes totaling 354 feet and collection of 14 composite samples – Aug 11 – Aug. 13

De-mobilization - Aug. 14

Wages - Driller @ $300/day	$1500
Driller's Helper @ $250/day	$1250
Mobile Drill rental @ $200/day	$1000
Fuel, sample bags, etc.	$133
4 wheel drive truck @ $65/day	$325
ICP – MS analysis of 14 samples	$174.40
Report preparation	$450
TOTAL.....	$4832.40

STATEMENT OF QUALIFICATIONS

Brian Scott successfully completed the Yukon Chamber of Mines Basic Prospecting course in 1977, the Advanced Prospecting course in 1988, as well as "Petrology for Prospectors" in 1992. He has actively prospected in northern B. C. and the Yukon since 1978.

REFERENCES

1 - RECOVERY OF MAGNETITE FROM WHITEHORSE COPPER TAILINGS - KILBORN ENGINEERING LTD. - 1984

2 - GOLD IN SKARNS OF THE WHITEHORSE COPPER BELT 1985 - L. MEINERT - WASHINGTON STATE UNIVERSITY

3 - AN INVESTIGATION OF THE RECOVERY OF MAGNETITE FROM TAILINGS SAMPLES SUBMITTED BY KILBORN LTD 1984 - LAKEFIELD RESEARCH LTD.

[redacted] DRILL LOG

DATE: AUG. 11 2001 TIME: 8:30 AM. 6 PM DRILLER: BRIAN SCOTT HELPER: ROB FORMAN.

TYPE OF DRILL: MINUTEMAN MOBILE ~~INSIDE~~ DIAMETER OF DRILL: 3" O.D. AUGER.

LOCATION: WHITEHORSE COPPER ~~LEASE~~ OR GRANT NUMBERS: YB 46602 - FYDB 10.

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
		ALL HOLES WERE DRILLED	
		TO A MAXIMUM DEPTH OF	
		30 FT. (DESIGN CAPACITY	
		OF MINUTEMAN DRILL) OR	
		UNTIL REFUSAL. A COMPO-	
		SITE SAMPLE WEIGHING	
		APPROX. 1 KG. WAS COLL-	
		ECTED FROM EACH HOLE.	
BH1-01	~~30 FT~~.		
	0-14 FT.	FINE DRY GREY SAND	SAMPLE #WCBH1-01
		(TAILINGS)	
	14-30 FT.	FINE WET GREY SAND.	

DATE: Aug 11 2001 SIGNED (Driller or Representative) Brian Scott

[redacted] DRILL LOG

DATE: AUG 11 2001 TIME: 10:30 AM · 6PM DRILLER: B. SCOTT HELPER: R. FORMAN ·

TYPE OF DRILL: MINUTEMAN · INSIDE DIAMETER OF DRILL: 3" O.D. AUGER ·

LOCATION: WC · LEASE OR GRANT NUMBERS: FYDB 10 ·

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
BH2-01 ·	0-15 FT.	FINE DRY GREY SAND ·	SAMPLE #WCBH2-01
	15-30 FT.	WET FINE GREY SAND ·	
BH3-01 ·	0-12 FT.	FINE DRY GREY SAND .	
	12-15 FT.	WET GREY CLAY .	SAMPLE #WCBH3-01
	15-30 FT.	WET GREY SAND	
BH4-01 ·	0-13 FT ·	FINE DRY GREY SAND .	
	13-15 FT	WET GREY CLAY ·	SAMPLE WCBH4-01
	15-30 FT.	WET GREY SAND .	

DATE: Aug 11 2001 SIGNED (Driller or Representative) Ryan Smith

~~PLACER~~ DRILL LOG

DATE: AUG 12 2001 TIME: 8AM-6PM. DRILLER: B. SCOTT HELPER: R. FORMAN.

TYPE OF DRILL: MINUTEMAN MOBILE ~~INSIDE~~ DIAMETER OF DRILL: 3" O.D. AUGER.

LOCATION: WHITEHORSE COPPER ~~LEASE~~ OR GRANT NUMBERS: FYDB 7 & 10.

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
BH5-01.	0-12 FT.	FINE DRY GREY SAND.	
	12-16 FT.	WET GREY CLAY	SAMPLE #WCBH5-01
	16-30 FT.	WET GREY SAND	
BH6-01	0-14FT.	FINE DRY GREY SAND.	
	14-16 FT	WET GREY CLAY	SAMPLE #WCBH6-01.
	16-30 FT.	WET GREY SAND.	
BH7-01	0-13 FT.	FINE DRY GREY SAND.	
	13-16 FT.	WET GREY CLAY.	SAMPLE #WCBH7-01.
	16-30 FT.	WET GREY SAND.	
BH8-01	0-16 FT.	FINE DRY GREY SAND.	SAMPLE #WCBH8-01
	16-30 FT.	WET GREY SAND	

DATE: Aug 12 2001 SIGNED (Driller or Representative) Ryan Smith.

~~PLACER DRILL~~ LOG

DATE: AUG 13 2001 TIME: 8AM - 6PM · DRILLER: B. SCOTT HELPER: R. FORMAN

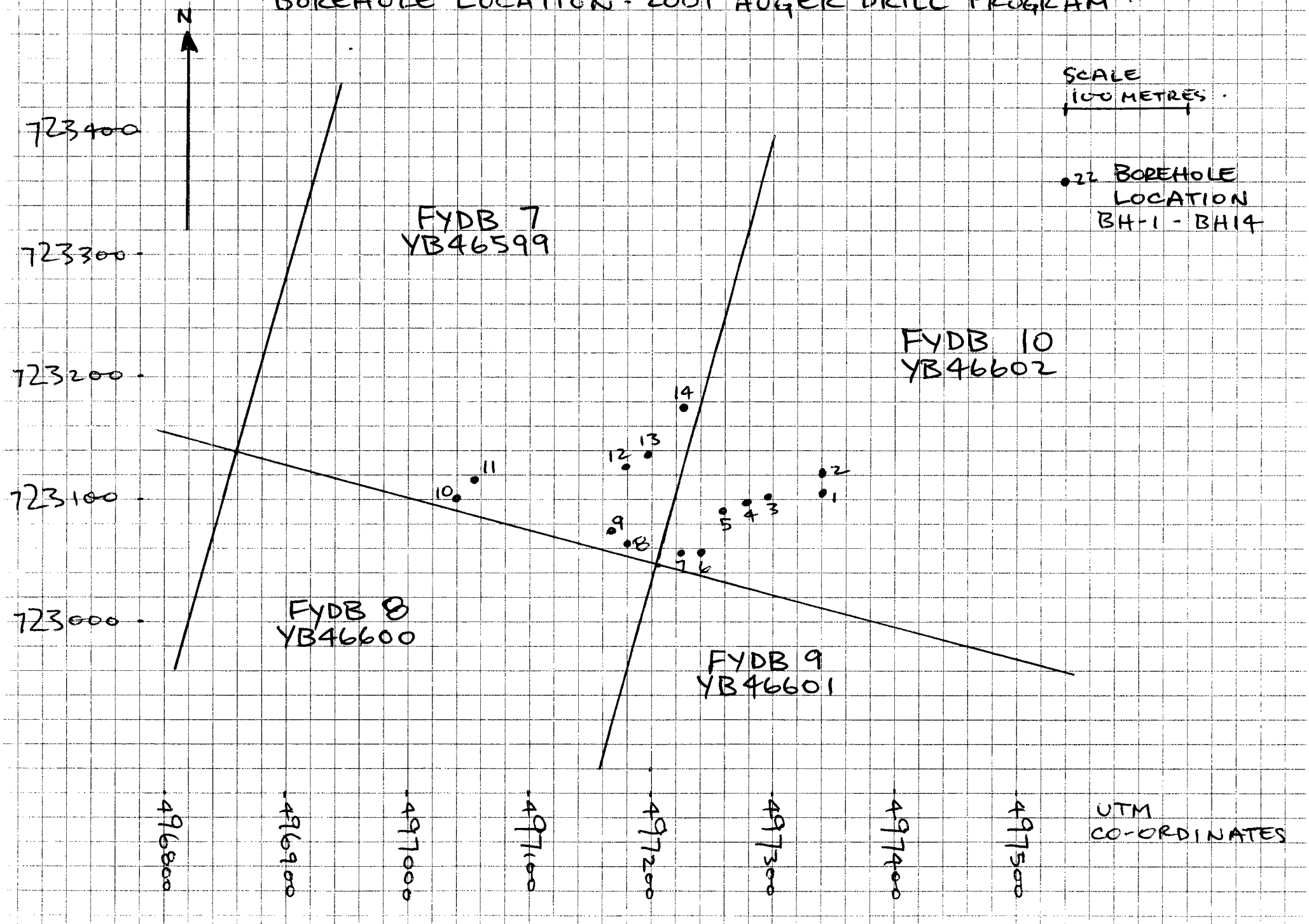
TYPE OF DRILL: MINUTEMAN MOBILE ~~INSIDE~~ DIAMETER OF DRILL: 3" O.D. AUGER

LOCATION: WHITEHORSE COPPER ~~LEASE~~ OR GRANT NUMBERS: FYDB7 - YB46599

DRILL HOLE NUMBER	TOTAL FOOTAGE	BREAKDOWN IN FEET (of materials encountered)	REMARKS: SAMPLES/RESULTS
BH9-01 ·	0-15 FT.	FINE DRY GREY SAND ·	SAMPLE #WCBH9-01
	15-30FT.	WET GREY SAND ·	
BH10-01	0-10 FT.	FINE DRY GREY SAND	REFUSAL @ 10 FT.
			SAMPLE #WCBH10-01
BH11-01	0-10 FT.	FINE DRY GREY SAND	REFUSAL @ 10 FT.
			SAMPLE#WCBH11-01 ·
BH12-01	0-12 FT.	FINE DRY GREY SAND ·	REFUSAL @ 18 FT.
	12-18 FT.	WET GREY SAND ·	SAMPLE #WCBH12-01
BH13-01	0-13 FT.	FINE DRY GREY SAND ·	REFUSAL @ 19 FT.
	13-19 FT.	WET GREY SAND ·	SAMPLE #WCBH13-01 ·
BH14-01	0-16 FT	FINE DRY GREY SAND	REFUSAL @ 27 FT.
	16-27 FT.	WET GREY SAND	SAMPLE #WCBH14-01

DATE: Aug 13 2001 · SIGNED (Driller or Representative) Ben Scott

BOREHOLE LOCATION - 2001 AUGER DRILL PROGRAM



ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Scott, Brian File # A201311

Box 77, Tagish YT Y0B 1T0 Submitted by: Brian Scott

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
SI	.1	.5	.3	1	<.1	1.9	.1	5	.01	<.5	<.1	3.9	<.1	4	<.1	<.1	<.1	<1	.18	.001	<1	3.5	.01	4	.001	<1	.01	.815	.01	.1	.02	.1	<.1	<.05	<1
WCBH 1-01	23.0	3303.6	4.4	66	3.4	11.6	36.5	1318	11.52	15.6	1.6	225.6	1.4	83	.2	.9	12.6	28	3.30	.042	3	21.5	7.09	44	.041	45	.93	.021	.15	9.5	<.01	.9	<.1	.07	11
WCBH 2-01	36.9	5417.6	5.2	62	5.3	11.6	28.7	1044	9.35	15.9	1.6	219.9	1.6	85	.2	1.0	22.5	23	4.53	.037	3	18.3	7.91	39	.036	54	.94	.023	.16	13.8	.02	1.1	<.1	.23	12
WCBH 3-01	36.7	4101.7	4.3	62	3.9	12.7	31.5	1149	10.99	15.5	1.4	1299.3	1.3	74	.1	.9	14.5	29	4.36	.036	3	19.8	7.25	36	.038	46	.94	.007	.15	14.2	<.01	1.1	.1	.19	10
WCBH 4-01	33.7	2450.0	3.9	54	1.9	13.6	31.5	946	12.09	15.1	1.9	96.3	1.5	67	.1	.9	8.0	36	3.60	.040	3	20.2	5.64	47	.042	36	1.00	.010	.21	10.7	.03	1.1	<.1	<.05	11
WCBH 5-01	26.5	2820.8	3.8	56	2.5	14.2	33.5	1002	11.91	15.7	1.8	107.8	1.7	69	.1	.9	9.3	36	3.79	.039	3	20.9	6.06	46	.043	51	1.00	.011	.19	9.5	.03	1.2	<.1	<.05	11
WCBH 6-01	23.2	1725.3	3.3	51	1.2	13.9	29.3	869	11.65	13.7	2.0	70.0	1.5	53	.1	.8	5.0	40	3.08	.036	3	20.3	4.90	43	.043	37	.94	.010	.18	6.8	.02	1.0	<.1	<.05	9
WCBH 7-01	19.2	2013.5	3.3	51	1.6	13.4	29.7	874	11.89	13.9	1.4	105.4	1.7	70	.1	.8	6.1	38	3.53	.037	3	20.0	5.35	48	.042	40	1.00	.012	.21	5.4	<.01	.8	<.1	<.05	10
WCBH 8-01	41.4	2506.2	3.8	55	2.1	12.8	34.4	1003	12.64	14.7	1.5	110.9	1.4	74	<.1	.9	7.6	35	3.64	.035	3	17.2	5.89	40	.038	48	.88	.010	.19	10.5	.02	.9	<.1	.07	9
WCBH 9-01	39.3	2553.8	3.4	57	1.8	11.7	37.9	1224	13.77	15.1	1.3	71.0	1.1	61	<.1	.8	7.9	33	3.60	.033	2	16.3	5.84	32	.032	45	.67	.007	.13	12.2	.02	.8	<.1	<.05	8
WCBH 10-01	20.6	2340.4	4.5	55	2.0	14.3	27.0	886	10.18	16.4	2.2	91.9	1.9	76	.1	.9	7.1	33	4.03	.041	4	23.9	5.92	47	.047	47	1.22	.015	.20	5.0	.02	1.0	<.1	.09	11
RE WCBH 10-01	20.2	2323.7	4.3	54	1.8	15.3	27.0	876	10.11	16.2	2.1	73.6	1.9	73	.1	.9	6.8	34	3.98	.042	3	23.1	5.85	45	.047	42	1.20	.015	.19	4.9	.01	1.2	<.1	.14	10
WCBH 11-01	37.4	2343.5	4.1	53	1.9	13.7	31.0	942	11.92	14.0	1.9	104.3	1.6	67	<.1	.9	7.1	36	3.47	.038	3	20.3	5.57	45	.042	44	.96	.010	.17	10.8	.02	.9	<.1	<.05	10
WCBH 12-01	22.8	2139.1	3.4	51	1.5	14.2	31.3	848	13.04	12.2	1.7	76.9	2.6	63	<.1	.7	6.1	41	3.25	.038	3	17.9	5.16	42	.043	40	.92	.010	.19	5.9	<.01	.8	<.1	<.05	9
WCBH 13-01	46.8	2412.3	3.3	53	1.7	13.6	33.5	934	13.48	12.6	1.6	82.6	1.2	73	<.1	.8	7.0	38	3.42	.035	3	18.0	5.68	45	.037	50	.85	.008	.17	14.9	<.01	.8	<.1	<.05	9
WCBH 14-01	31.7	3427.3	4.2	59	3.2	12.6	34.2	1139	11.22	15.6	1.5	127.7	1.3	79	.1	.9	12.2	29	3.91	.036	3	17.9	6.75	38	.038	45	.88	.009	.14	12.0	.02	1.0	<.1	.16	10
STANDARD DS3	9.3	125.0	34.1	151	.4	36.6	11.7	820	3.18	29.1	5.5	23.6	3.9	30	5.4	5.0	5.3	77	.54	.090	17	177.8	.59	149	.094	3	1.81	.029	.18	3.9	.24	2.9	1.1	<.05	6

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: TAILING P150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 17 2002 **DATE REPORT MAILED:** May 27/02 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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