PERCUSSION DRILLING REPORT

on the

BYR 1 and BYR 3 MINERAL CLAIMS
RECORD NOS. 74373, 74375

Latitude 50°35' Longitude 120°20'30"

AFTON OPERATING CORPORATION
P.O. BOX 937
KAMLOOPS, B.C.
V2C 5N4

By

LORNE A. BOND
SENIOR GEOLOGIST

KAMLOOPS, B.C. JUNE 19, 1991

TABLE OF CONTENTS

Introduction 1

Property Description 1

Geological Setting and Previous Work 3

Current Program 3

Drilling Results 4

Statement of Costs 6

Statement of Qualifications 7

Appendices

Figures

Figure 1 - Property Location Map 1:50,000 2

Figure 2 - Drillhole Location Plan 1:50,000 . . (in pocket)

Introduction:

The Byr 1 and Byr 3 mineral claims are part of the Reg-Byr claim group and are located approximately 11.5 kilometres south of the Kamloops city centre. The area elevation is 1000 metres above sea level with moderate relief of 150 metres on the property (Fig. 1).

The terrain is open grassland on gently rolling hills. A few scattered stands of coniferous trees and poplars occur in depressions and along water courses. The claim group covers the eastern part of Edith Lake while the southeast portion of the property is traversed by Anderson Creek, a source of irrigation water for local ranchers. The surface rights are held by two area ranchers, G. Shannon and F. Pain.

The property can be reached with a two wheel drive vehicle by following Highway 5A from Kamloops to Knutsford, and continuing south on the Long Lake Road for approximately six kilometres.

This report describes a percussion drilling program carried out on the property between April 30 and May 6, 1991.

Property Description:

The Byr 1 and Byr 3 mineral claims form part of the Reg-Byr claim group. The claim group consists of 34 claims and units and three crown granted mineral claims as listed below:

Claim Name	Record No.	Expiry Date
Black Beauty C.G.	Lot 1560	
Admiral Dewdney C.G.	Lot 1561	
Cyclone C.G.	Lot 1562	
Sunny (9 units)	3488	19 May, 1996*
Wildrose 2	1013	31 Aug., 1991
Reg 1-2	83115-116	20 Aug., 1991
Reg 3 (Fr.)	83117	20 Aug., 1991
Reg 4-12	83118-126	20 Aug., 1991
Reg 13	83127	20 Aug., 1994*
Reg 14	83128	20 Aug., 1991
Byr 1-5	74373-77	12 Nov., 1995*
Byr 7-10	74379-382	12 Nov., 1995*
Ace 1	15319	19 Jul., 1991

* Upon approval of assessment work described in this report and covered in a Statement of Work submitted on May 14, 1991.

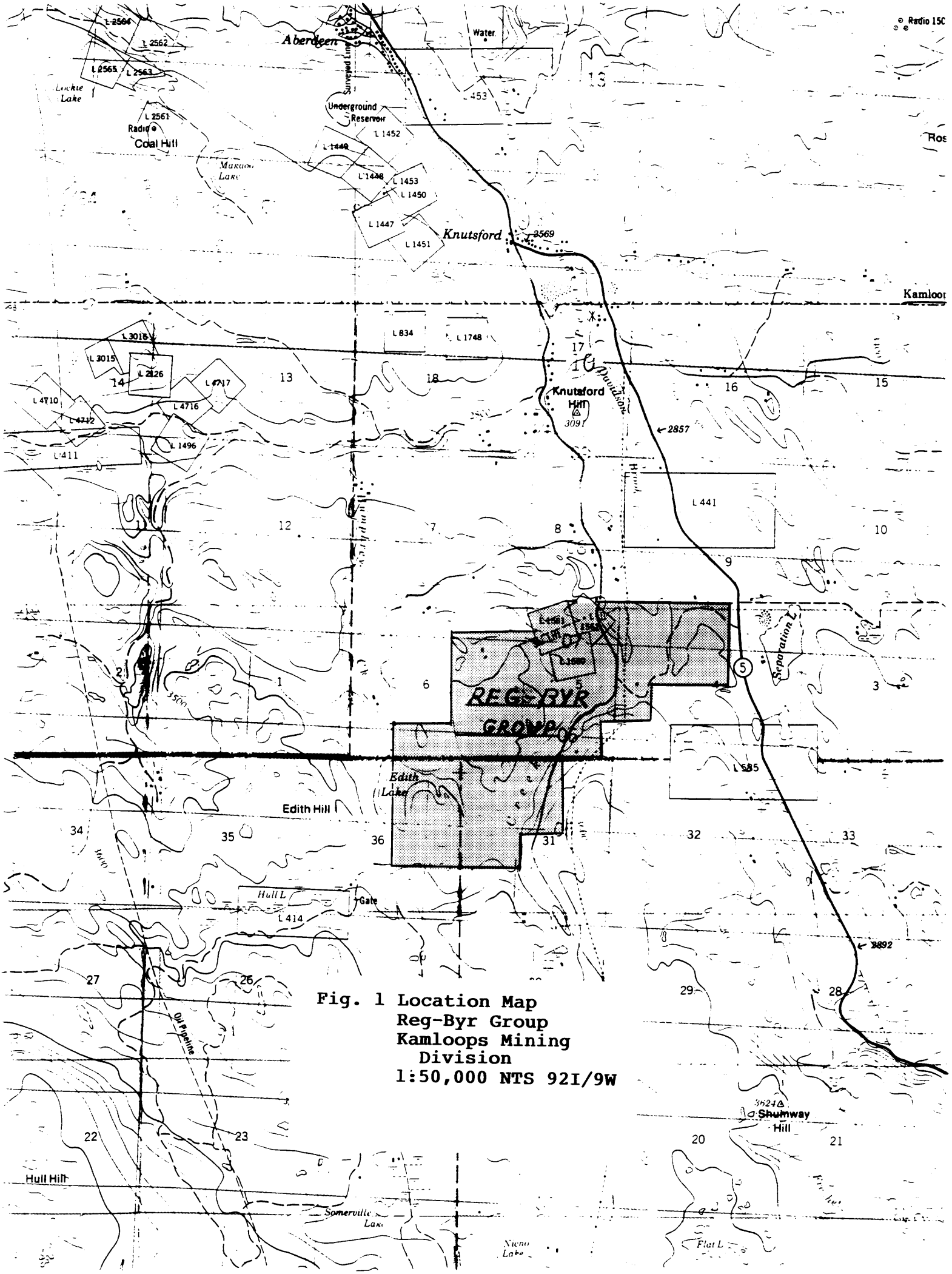

Fig. 1 Location Map
Reg-Byr Group
Kamloops Mining Division
1:50,000 NTS 92I/9W

Geological Setting and Previous Work:

The property is an alkaline porphyry copper-gold prospect located within rocks of the Iron Mask Batholith. The batholith is a multi-unit intrusion of Triassic age that both intrudes and is coeval with Nicola Group volcanic rocks. The northeastern half of the property is underlain by the two younger phases of the pluton, the Cherry Creek diorite-monzonite unit and the Sugarloaf hornblende diorite porphyry. The west and southern half is generally underlain by rocks of the Iron Mask Hybrid unit which is in contact with Nicola Group volcanic rocks to the west.

During the 1970's, Great Plains Development of Canada explored much of the area covered by this property with geological, geochemical, and geophysical surveying. In 1977, Cominco Ltd. acquired the mineral rights to much of the area and undertook exploration work including several percussion drilling programs. In 1986, the claims held by Cominco were transferred to Afton Operating Corporation. In 1989, Afton commenced production from the Ajax deposits some six kilometres to the west where reserves of 25 million tonnes at .46% Cu and .011 oz/tonne Au had been outlined.

Current Program:

The current program was designed to test overburden covered areas along a prominent, northerly trending lineament. The lineament forms a topographic low, occupied in part by Anderson Creek, and is on strike with the old Utopia adit. Closest outcrops to the proposed drilling were in Hybrid unit rocks with significant propylitic and potassic alteration. Broken rock on dumps around the Utopia adit development included fragmental rocks of probable explosive breccia origin.

H. Horning Drilling was contracted for the program. A truck-mounted percussion drill was utilized. Logging roads established during the previous winter provided ready access to the drillsites. During the period April 30 to May 6, a total of four percussion holes were drilled on the Byr 1 and Byr 3 mineral claims (Fig. 2). Total footage completed was 1100 feet (335.3m).

Samples were collected for each ten foot (3.05m) interval. A small portion of the cuttings were retained for petrographic examination. The remainder was transported to the Afton Operating Corporation assay lab for analysis. A binocular microscope was used for examination of the drill cuttings and identification of rock types, alteration minerals, and sulphide mineralization.

In the lab the samples were dried and sample volume reduced to 250 grams using a Jones riffle. The smaller sample was then pulverized. Reject material from the splitter was bagged, labelled, and stored. Assays for copper were performed by

dissolution followed by atomic absorption spectrophotometry analysis. Gold assays were performed by fire assaying with atomic absorption analysis of the resultant bead in a methyl isobutyl ketone medium.

Copies of detailed drill logs and assay results are included in the appendices.

Drilling Results:

PDH 91-5	0-12.2m	Overburden
	12.2m-36.6m	Hybrid Unit (gabbro) Magnetite-rich rock with minor hematite; minor propylitic alteration, primarily epidote and carbonate; possible clay- sericite alteration as well. Chalcopyrite noted from 12.2m-18.3m.
	36.6m-54.9m	Albitite Intensely albitized rock with additional epidote-carbonate alteration; magnetite content diminished. Estimated 1% pyrite from 42.7m-54.9m.
	54.9m-91.4m	Hybrid Unit (gabbro) Moderate propylitic alteration, primarily carbonate and epidote; magnetite throughout. Sporadic trace amounts of pyrite and chalcopyrite noted. E.O.H.
PDH 91-6	0-42.7m	Hybrid Unit (gabbro) Weakly propylitized, magnetite-rich gabbro with epidote-carbonate alteration; kaolinite-sericite minerals present as well. Scattered trace pyrite mineralization noted.
	42.7m-91.4m	Hybrid Unit (gabbro) Less propylitized section; carbonate, magnetite, and clay minerals present. Trace chalcopyrite noted from 51.8m to 67.1m. E.O.H.

PDH 91-7	0-3.0m	Overburden
	3.0m-21.3m	Albitite Strongly albitized rock with up to 3% pyrite in places. Significant propylitic alteration consisting of carbonate, epidote, and chlorite; K-spar alteration throughout as well; magnetite present.
	21.3m-27.4m	Hybrid Unit (gabbro) Moderately albitized; continuing propylitic(epidote-chlorite-carbonate) and potassic(K-spar, biotite) alteration. Significant magnetite content; minor pyrite noted.
	27.4m-39.6m	Albitite Strongly albitized and K-spar rich section. Strong propylitic alteration consisting of epidote-chlorite-carbonate; up to 1% pyrite content.
	39.6m-61.0m	Hybrid Unit (gabbro) Weakly propylitized with epidote and carbonate; potassic alteration as K-spar is present throughout. Significant magnetite content with scattered trace amounts of pyrite. E.O.H.
PDH 91-8	0-6.1m	Overburden
	6.1m-9.1m	Hybrid Unit (gabbro) Weakly propylitic gabbro with accessory magnetite and pyrite.
	9.1m-15.2m	Albitite Intensely albitized section with moderate epidote-chlorite-carbonate alteration. Chalcopyrite present throughout in minor amounts.
	15.2m-36.6m.	Hybrid Unit (gabbro) Moderate carbonate-epidote alteration; significant magnetite. Chalcopyrite noted from 27.4m to36.6m.
	36.6m-91.4m	Hybrid Unit (gabbro) Moderate propylitic alteration continues but biotite is present as well. Weaker magnetite at depth; trace chalcopyrite noted from 85.3m to 88.4m. E.O.H.

STATEMENT OF COSTS

1.	Percussion Drilling - H. Horning Percussion Drilling	
	1100 feet x $7.00 per foot	$ 7,700.00
2.	Assaying - 105 samples Preparation, drying, assay for Cu and Au	
	105 samples @ $15.40 ea	$ 1,617.00
3.	Pickup Rental	
	7 days @ $30/day	$ 210.00
4.	Supplies - sample bags, markers	$ 88.00
5.	Salaries	
	Lorne Bond, Senior Geologist Program Planning - Site Preparation Supervision 7 days @ $265/day	$ 1,855.00
	Louis Tsang Logging cuttings, sample preparation 2 days @ $215/day	$ 430.00
7.	Report Preparation, drafting plans, printing	$ 1,060.00
		$ 12,960.00
	Withdrawn from Afton PAC account	3,840.00
		$ 16,800.00

STATEMENT OF QUALIFICATIONS

I, Louis Hee-Choi Tsang, of the City of Kamloops, British Columbia do hereby certify that:

1. I am a qualified, practicing geologist.

2. I am a graduate of the University of British Columbia with a B.Sc. (1972) in Geology and Geophysics.

3. I have practiced my profession since 1972 while employed with Granisle Copper Ltd., Highmont Operating Corporation and Afton Operating Corporation.

4. I have logged the drill cuttings of the percussion holes that were drilled on Byr 1 and 3 mineral claims between April 30 and May 6, 1991.

Louis H.C. Tsang
Exploration Geologist
Afton Operating Corporation

June 19, 1991

STATEMENT OF QUALIFICATIONS

I, Lorne Allan Bond, of the City of Kamloops, British Columbia do hereby certify that:

1. I am a qualified, practicing Geologist.

2. I am a graduate of Loyola College (University of Montreal), with a B. Sc. (1967) in Geotechnical Sciences.

3. I have practiced my profession since 1967 while employed with Sherritt-Gordon Mines, Ltd., Cominco Ltd., and Afton Operating Corporation.

4. This report describes a percussion drilling program performed under my supervision between April 30 and May 6, 1991.

Lorne A. Bond
Senior Geologist
Afton Operating Corporation

June 19, 1991

Appendices:

Appendix I - Logs of Drillhole Cuttings

Appendix II - Assay Results

CODE FOR BOREHOLE CUTTING LOG

ROCK-FORMING MINERALS

ORTHOCLASE - Ksp
PLAGIOCLASE - Plag
QUARTZ - Si
BIOTITE - Bi
PYROXENE - Px
AMPHIBOLES - Amph

**MINERAL COLOUR CHART*

GREYISH ORANGE - gO
GREYISH WHITE - gW
OLIVE GREY - oG
OLIVE BROWN - oB
MEDIUM GREY - mG
GREYISH GREEN - gG
YELLOWISH GREY - yG
BLUISH GREY - bG
YELLOWISH ORANGE - yO
WHITE - W

Note: The rock-forming minerals are described by normal-quantity significance and mineral colour chart (based on the Munsell system). Normal-quantity significance is indicated at the left top corner using symbols as "V" for present of minor quantity, "O" for moderate quantity and " " for significant amount. As for mineral colour chart, only those which have been used are quoted above.

SECONDARY MINERALS

ORTHOCLASE - Ksp
PLAGIOCLASE - Plag
(ALBITE)
BIOTITE - Bi
SERICITE - Ser
PYRITE - Py
(% estimation included)
KAOLINITE - Kaol
CHLORITE - Ch
CARBONATES - Cb
MAGNETITE - Mg
HEMATITE - Hem

ROCK TYPES

MONZ - Monzonite
ALBT - Albitized Unit
GABBRO - Gabbro
DIOR - Diorite

MINERALIZATION

CHALCOPYRITE - Cpy
BORNITE - Bn
CHALCOCITE - Cc
MOLYBDENITE - Mo

ALTERATION INTENSITY

INTENSE - I
MODERATE - M
LIGHT - L

* Rock Colour Chart - GSA (Reprinted 1975)

Afton Operating Corporation

Borehole Cutting Log

Hole # 91 - #5
Logged by L. TSANG
Date MAY 10, 1991

Depth feet	Rock forming Minerals: Ksp	Plag	Si	Bi	Px	Amph	Secondary Minerals: Ksp	Plag	Bi	Ser	Py	Kool	Ep	Ch	Cb	Mg	Hem	Alteration Intensity	Rock Type	Mineralization: Cpy	Bn	CC	Mo	Remarks
0 - 10		° gW	✓	✓	★ OG					✓		O			✓	☆		L	GABBRO					0'-40' was collected in one sample.
10 - 20																								
20 - 30																								
30 - 40																								
40 - 50		gW			★ OG		✓			✓	✓	✓	✓		✓	☆	✓	L	GABBRO	✓				
50 - 60		° gW			★ OG					✓		O	O	✓	✓			L	GABBRO	✓				
60 - 70		° gW		✓	★ OG					✓		✓	✓		O	★	✓	L	GABBRO					
70 - 80		✓ gW			★ OG					✓		O	✓		O	★	✓	L	GABBRO					
80 - 90		gW			★ OG					O		✓	✓		✓	★		L	GABBRO					
90 - 100		° gW			★ OG					O		✓	✓		✓	★		L	GABBRO	?				
100 - 110		° gW		✓	★ OG					O		✓	✓		✓	★		L	GABBRO					
110 - 120		° gW			★ OG					✓		O	✓		✓	★	✓	L	GABBRO					
120 - 130		★ gW			✓ OG			★		✓		★	O	✓	O	O	✓	I	ALBT	O				
130 - 140		★ gW			✓ OG			★		✓		★	O	✓	O	O	✓	I	ALBT	?				Silvery pyrite mineral is present similar to above
140 - 150		★ W			✓ OG			★			1%?	★	✓		O	O		I	ALBT					
150 - 160		★ W			✓ OG			★			1%?	★	✓		O	O		I	ALBT					
160 - 170		★ W			✓ OG			★			½%?	★	✓		O	O		I	ALBT					
170 - 180		★ W			✓ OG			★			½%?	★	✓		O	O		I	ALBT	?				
180 - 190		gW			° OG			✓			<½%	★	O	✓	O	O		M	GABBRO					
190 - 200		° gW			° OG			✓		✓		O	O	✓	O	O		M	GABBRO					
200 - 210		gW		✓	★ OG					✓	✓	O	✓	✓	O	O		M	GABBRO	✓				Decrease in Mg in last 100'
210 - 220		° gW		✓	★ OG					✓		✓	O		✓	O		M	GABBRO					
220 - 230		✓ gW		✓	★ OG					✓	<½%	✓	O		✓	✓		M	GABBRO					
230 - 240		gW			★ OG					✓	½%	✓	★		✓	✓		M	GABBRO	?				
240 - 250		° gW		✓	★ OG					✓	✓	✓	O		✓	✓		M	GABBRO					
250 - 260		° gW			★ OG					✓		✓	O		✓	O		M	GABBRO					
260 - 270		° gW			★ OG					✓		✓	O		✓	O		M	GABBRO					
270 - 280		° gW			★ OG					O		✓	O		✓	O		M	GABBRO	✓				
280 - 290		° gW			★ OG					O	✓	✓	O		✓	O		M	GABBRO	O				
290 - 300		° gW			★ OG					✓	✓	✓	O		✓	★		M	GABBRO					

Afton Operating Corporation

Borehole Cutting Log

Hole # 91 - 6
Logged by L. TSANG
Date MAY 7, 1991

Depth feet	Rock-forming Minerals						Secondary Minerals											Alteration Intensity	Rock Type	Mineralization						Remarks
	Ksp	Plag	Si	Bi	Px	Amph	Ksp	Plag	Bi	Ser	Py	Kool	Ep	Ch	Cb	Mg	Hem			Cpy	Bn	CC	Mo			
0 - 10		mG		✓			O			✓	✓	✓	O		✓	★		L	GABBRO							Pinky Syenite Magnetite-rich gabbro
10 - 20		mG								✓		✓	✓		✓	★		L	GABBRO							
20 - 30		mG			OB					✓		✓	✓		✓	★		L	GABBRO							
30 - 40		mG			OB							✓	✓		✓	★		L	GABBRO							
40 - 50		mG			OB					✓		✓	✓		✓	★		L	GABBRO							
50 - 60		mG			OB					✓		✓	✓		✓	★		L	GABBRO							
60 - 70		mG		✓	OB					O		✓	✓		✓	★		L	GABBRO							
70 - 80		mG			OB					✓	✓	✓	✓		✓	★		L	GABBRO							
80 - 90		mG			OB							✓	✓		✓	★	✓	L	GABBRO							
90 - 100		mG		✓	OB							✓	✓		✓	★		L	GABBRO							
100 - 110		mG		✓	OB					✓		O	✓		✓	★		L	GABBRO							
110 - 120		mG		✓	OB					✓	✓	O	✓		✓	★		L	GABBRO							
120 - 130		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
130 - 140		mG		✓	OB					✓	✓	✓			✓	★		L	GABBRO							
140 - 150		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
150 - 160		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
160 - 170		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
170 - 180		mG		✓	OB					✓		✓	✓		✓	★		L	GABBRO	✓						
180 - 190		mG			OB							✓			✓	★		L	GABBRO	✓						
190 - 200		mG			OB							✓			✓	★		L	GABBRO							
200 - 210		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
210 - 220		mG		✓	OB					✓		✓			✓	★		L	GABBRO	✓						
220 - 230		mG		✓	OB					✓		✓			✓	★		L	GABBRO							
230 - 240		mG		✓	OB							✓			✓	★		L	GABBRO							
240 - 250		mG		✓	OB					✓		✓	✓		✓	★		L	GABBRO							
250 - 260		mG		✓	OB							✓	✓		✓	★		L	GABBRO							
260 - 270		mG		✓	OB							✓	✓		✓	★		L	GABBRO							
270 - 280		mG		✓	OB							✓	✓		✓	★		L	GABBRO							
280 - 290		mG		✓	OB							✓	✓		✓	★		L	GABBRO							
290 - 300																										

OB = olive brown
mG = grey (medium)

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Borehole Cutting Log

Hole # 91-#7
Logged by L. TRANG
Date MAY 7, 1991

Depth feet	Rock-forming Minerals						Secondary Minerals											Alteration Intensity	Rock Type	Mineralization						Remarks
	Ksp	Plag	Si	Bi	Px	Amph	Ksp	Plag	Bi	Ser	Py	Kaol	Ep	Ch	Cb	Mg	Hem			Cpy	Bn	CC	Mo			
0 - 10	✓	* yG			✓ OG		✓	*		✓	✓	·		✓	✓	✓		I	ALBT							
10 - 20		* yG						*				✓	✓	✓	✓	O		I	ALBT							
20 - 30		* yG						*				✓	✓	✓	✓	✓		I	ALBT							
30 - 40	*	* yG					*	✓			3%	✓	O	O	✓	✓		I	APLITE							
40 - 50	✓	* gG					✓	*				✓	O	O	✓	O		I	ALBT							
50 - 60	✓	* bG					✓	*			½		*	✓	✓	O		I	ALBT							
60 - 70	✓	bG					✓	*			<½		O	✓	✓	O		I	ALBT							
70 - 80		° bG		✓	° OG		✓	O				✓	O	✓	O	*	✓	M	GABBRO							
80 - 90		° bG			° OG			O				✓	O	✓	✓	*		M	GABBRO							
90 - 100		° gG		✓	✓ OG			*			O	✓	O	O	O	✓		I	ALBT							
100 - 110		* gG						*			✓	✓	O	✓	O	O		I	ALBT							
110 - 120	*	° gG					*				<½	g	*	g	✓	✓		I	APLITE							
120 - 130	*	✓ gG					*				1	g	*	O	✓	✓		I	APLITE							
130 - 140	✓	° bG			* OG		✓				✓	✓	O	✓	✓	*	✓	L	GABBRO							
140 - 150	✓	° bG			* OG		Ø			✓	✓	O	O	✓	✓	*		M	GABBRO							
150 - 160	✓	° bG			* OG		✓			✓		✓	✓		✓	*		L	GABBRO							
160 - 170	✓	° bG		✓	* OG		✓					O	✓		✓	*		L	GABBRO							
170 - 180	O	° bG			* OG		O					✓	O		✓	*		L	GABBRO							
180 - 190	✓	° bG			* OG		✓				O	✓	O		✓	*		L	GABBRO							
190 - 200	✓	° bG			* OG		✓				✓	✓	✓		✓	*		L	GABBRO							
200 - 210																										
210 - 220																										
220 - 230																										
230 - 240																										
240 - 250																										
250 - 260																										
260 - 270																										
270 - 280																										
280 - 290																										
290 - 300																										

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Borehole Cutting Log

Hole # 91 - #8
Logged by L. TSANG
Date MAY 13, 1991

Depth	Rock-forming Minerals						Secondary Minerals											Alteration	Rock	Mineralization						Remarks
feet	Ksp	Plag	Si	Bi	Px	Amph	Ksp	Plag	Bi	Ser	Py	Kaol	Ep	Ch	Cb	Mg	Hem	Intensity	Type	Cpy	Bn	CC	Mo			
0 - 10																										
10 - 20											✓															OVERBURDEN MAINLY
20 - 30		°gW		✓	°Olive Brown					O	✓	O	O	✓	✓	★		M	GABBRO							OVERBURDEN MIXED
30 - 40		*gW		✓				★		O		O	O	✓	✓	O		M	ALBT	✓						e.g. BIOTITE
40 - 50		*gW			✓OB			★		O	✓	O	O	✓	✓	★		M	ALBT	✓						
50 - 60		✓gW		✓	°OB				✓	O		O	✓		✓	★		M	GABBRO							
60 - 70		✓gW			*OB							✓	✓		✓	★		M	GABBRO							
70 - 80		✓gW			*OB					✓		★	✓	✓	✓	★		M	GABBRO							
80 - 90		✓gW			*OB		✓			✓		O	✓		O	★		M	GABBRO							e.g. BIOTITE
90 - 100		✓gW			*OB					✓		O	✓		O	★		M	GABBRO	O						Estimated 005 % Cu
100 - 110		✓gW			*OB					O		O	✓		O	★		M	GABBRO	✓						
110 - 120	✓	✓gW		✓	*OB					O		O			O	★		M	GABBRO	✓						
120 - 130		✓gW		✓	*OB					✓		O	✓		O	★		M	GABBRO							
130 - 140		✓gW		✓	*OB					✓		✓	O		✓	★	O	M	GABBRO							
140 - 150		✓gW			*OB					✓		O	O		O	★		M	GABBRO							
150 - 160		✓gW		O	*OB		✓			✓		O	✓		O	★		M	GABBRO							e.g. BIOTITE
160 - 170		✓gW		O	*OB					✓		O	✓		O	★		M	GABBRO							
170 - 180		✓gW		✓	*OB							✓	O		O	★		M	GABBRO							
180 - 190		✓gW		O	*OB		✓			✓		✓	O		O	★		M	GABBRO							
190 - 200		✓gW		O	*OB					✓		✓	✓		O	★		M	GABBRO							
200 - 210		°gW		✓	*OB							O	✓		✓	★		M	GABBRO							
210 - 220		gW		O	*OB					✓		✓			✓	★		M	GABBRO							
220 - 230		°gW		O	*OB						½	✓	✓		✓	★		M	GABBRO							
230 - 240		✓gW		★	*OB					✓		O	✓		✓	O		M	GABBRO							
240 - 250		✓gW		★	*OB					✓		✓	✓		✓	O		M	GABBRO							
250 - 260		✓gW		O	*OB							O	O		✓	O		M	GABBRO							
260 - 270		✓gW		✓	*OB					✓		O	✓		O	O		M	GABBRO							
270 - 280		✓gW		✓	*OB					O		✓	O		O	★		M	GABBRO							
280 - 290		°gW			*OB					✓		✓	O		✓	O		M	GABBRO	✓						
290 - 300		✓gW		✓	*OB					✓		✓	O		✓	O		M	GABBRO							

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 28, 1991

COPIES TO:

TO: Lorne Bond

FROM: Joe Mihalech

WHEN FEASIBLE, CONFINE LETTER TO ONE SUBJECT

RE: **AFTON'S ASSAYS ON ROTARY DRILL SAMPLES**

Hole	Depth Interval	Cu (%)	Au (opst)	Ag (opst)
P91-5	0-40	.011	L.0005	
	40-50	.006	L.0005	
	50-60	.008	L.0005	
	60-70	.006	L.0005	
	70-80	.011	L.0005	
	80-90	.031	.0006	
	90-100	.037	.0016	
	100-110	.019	L.0005	
	110-120	.034	L.0005	
	120-130	.069	.0032	
	130-140	.042	.0028	
	140-150	.024	.0025	
	150-160	.012	.0014	
	160-170	.014	L.0005	
	170-180	.013	L.0005	
	180-190	.017	.0005	
	190-200	.012	L.0005	
	200-210	.011	L.0005	
	210-220	.011	L.0005	
	220-230	.011	L.0005	
	230-240	.010	L.0005	
	240-250	.009	L.0005	
	250-260	.008	L.0005	
	260-270	.008	L.0005	
	270-280	.016	.0016	
	280-290	.013	.0012	
	290-300	.016	.0011	

Joe Mihalech,
Chief Assayer

JM/rd

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 17, 1991

TO: Lorne Bond

FROM: Joe Mihalech

COPIES TO:

WHEN FEASIBLE, CONFINE LETTER TO ONE SUBJECT

RE: **AFTON'S ASSAYS ON PERCUSSION DRILL SAMPLES**

Hole	Depth Interval (Ft.)	Cu (%)	Au (opst)	Ag (opst)
P91-6	4-10	.002	L.0005	
	10-20	.005	L.0005	
	20-30	.030	L.0005	
	30-40	.008	.0005	
	40-50	.006	L.0005	
	50-60	.009	.0006	
	60-70	.010	.0005	
	70-80	.015	L.0005	
	80-90	.006	.0005	
	90-100	.006	L.0005	
	100-110	.004	L.0005	
	110-120	.005	L.0005	
	120-130	.005	L.0005	
	130-140	.003	L.0005	
	140-150	.001	.0006	
	150-160	.003	.0007	
	160-170	.003	.0005	
	170-180	.002	L.0005	
	180-190	.006	L.0005	
	190-200	.002	L.0005	
	200-210	.003	L.0005	
	210-220	.002	L.0005	
	220-230	.002	L.0005	
	230-240	.003	L.0005	
	240-250	.002	L.0005	
	250-260	.012	L.0005	
	260-270	.011	.0005	
	270-280	.004	L.0005	
	280-290	.006	.0009	
	290-300	.002	L.0005	

Joe Mihalech

Joe Mihalech,
Chief Assayer

AML 103

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 17, 1991

COPIES TO:

TO: Lorne Bond

FROM: Joe Mihalech

WHEN FEASIBLE, CONFINE LETTER TO ONE SUBJECT

RE: **AFTON'S ASSAYS ON PERCUSSION DRILL SAMPLES**

Hole	Depth Interval (Ft.)	Cu (%)	Au (opst)	Ag (opst)
P91-7	5-10	.003	L.0005	
	10-20	L.001	L.0005	
	20-30	L.001	L.0005	
	30-40	L.001	.0011	
	40-50	.002	L.0005	
	50-60	L.001	L.0005	
	60-70	.002	.0009	
	70-80	.001	L.0005	
	80-90	.002	L.0005	
	90-100	.004	L.0005	
	100-110	.001	L.0005	
	110-120	.007	L.0005	
	120-130	.013	.0006	
	130-140	.005	L.0005	
	140-150	.003	L.0005	
	150-160	L.001	L.0005	
	160-170	.001	L.0005	
	170-180	L.001	.0007	
	180-190	L.001	L.0005	
	190-200	L.001	L.0005	

Joe Mihalech,
Chief Assayer

JM/rd

AML 103

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 28, 1991

TO: Lorne Bond

FROM: Joe Mihalech

COPIES TO:

WHEN FEASIBLE, CONFINE LETTER TO ONE SUBJECT

RE:
AFTON'S ASSAYS ON PERCUSSION DRILL SAMPLES

Hole	Depth Interval	Cu (%)	Au (opst)	Ag (opst)
P91-8	10-20	.009	L.0005	
	20-30	.009	L.0005	
	30-40	.013	L.0005	
	40-50	.026	.0010	
	50-60	.028	L.0005	
	60-70	.032	L.0005	
	70-80	.010	L.0005	
	80-90	.011	.0007	
	90-100	.048	L.0005	
	100-110	.021	.0005	
	110-120	.023	.0008	
	120-130	.010	.0007	
	130-140	.006	L.0005	
	140-150	.006	L.0005	
	150-160	.014	L.0005	
	160-170	.009	L.0005	
	170-180	.006	L.0005	
	180-190	.011	L.0005	
	190-200	.009	L.0005	
	200-210	.011	L.0005	
	210-220	.010	.0013	
	220-230	.008	.0030	
	230-240	.015	.0016	
	240-250	.014	.0005	
	250-260	.008	L.0005	
	260-270	.027	L.0005	
	270-280	.009	L.0005	
	280-290	.009	L.0005	
	290-300	.007	L.0005	

Joe Mihalech,
Chief Assayer

JM/rd

AML 103

N

L 1561
ADMIRAL
DEWONEY
C.G.

CYCLONE
LOT 1562
C.G.

SKI LIFT

BLACK BEAUTY
L 1560 C.G.

REG 4 | REG 6 | REG 8
REG 5 | REG 7 | REG 9

BYR 9 | BYR 8 | REG 2
REG 3 Fr
ACE 1
REG 11
REG 12
REG 14
WILDROSE 2
BYR 10 | BYR 7
BYR 4
BYR 5
REG 13
SUNNY
BYR 3
BYR 1

PDH 91-7
PDH 91-6
PDH 91-5
PDH 91-8

3000 3100 3200 3300 3400 3500 2900

EDITH LAKE ROAD
LONG LAKE ROAD
CREEK
ANDERSON CREEK
EDITH LAKE
L.C.P.

LEGEND

- CREEK
- LAKE
- CONTOURS AT 100' INTERVALS
- GRAVEL ROAD
- TRAIL
- BUILDING
- POWER LINE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,431

0 100 200 300 400 500 m
BAR SCALE : 1 · 5000

AFTON OPERATING CORPORATION

REG - BYR - SUNNY MINERAL CLAIMS

PERCUSSION DRILL HOLES

Technical Work by : L. BOND	Date : JUNE 19 / 91
Drafting by : D.B. MIRTLE	Figure No. : 2