PERCUSSION DRILLING REPORT

on the

ACE 1, REG 4, and REG 5 MINERAL CLAIMS
RECORD NOS. 15319, 83118, 83119

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 25, 1991

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Introduction:

The Ace 1, Reg 4, and Reg 5 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 Ace 1, Reg 4, and Reg 5 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., 1996*
Reg 1-2	83115-116	20 Aug., 1997*
Reg 3 (Fr.)	83117	20 Aug., 1997*
Reg 4-12	83118-126	20 Aug., 1997*
Reg 13	83127	20 Aug., 1994
Reg 14	83128	20 Aug., 1997*
Byr 1-5	74373-77	12 Nov., 1995
Byr 7-10	74379-382	12 Nov., 1995
Ace 1	15319	19 Jul., 1997*

* Upon approval of assessment work described in this report.

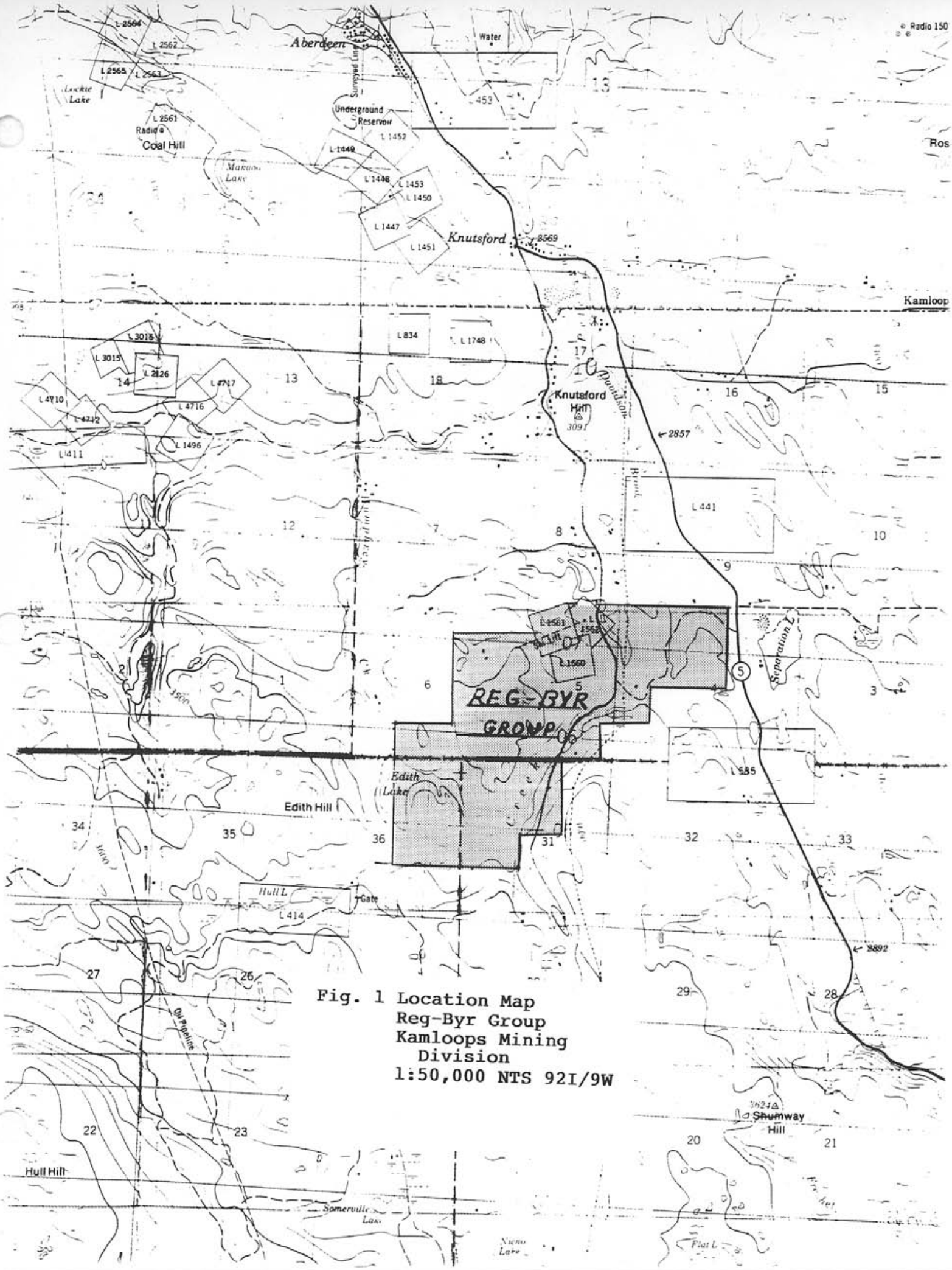

Fig. 1 Location Map
Reg-Byr Group
Kamloops Mining
Division
1:50,000 NTS 92I/9W

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 the overburden covered area east of the known showings on the Grandview Ski Hill site and immediately east of the existing Long Lake road.

The magnetometer survey conducted by Great Plains indicated that this till-covered area was underlain by rocks of similar magnetic intensity to the Cherry Creek and Sugarloaf units outcropping on the ski hill. As well, earlier percussion drilling programs had not advanced east of the Long Lake road. These programs, including the drilling conducted by Cominco in 1980, had intersected significant copper values in some of the easternmost holes. Consequently, a program of percussion drilling on roughly 150 metre centres was carried out to test for possible eastward extensions of copper-gold mineralization.

H. Horning Drilling was contracted for the program. A truck mounted percussion drill was utilized. During the period April 23 to April 30, 1991, a total of four percussion holes were drilled on the Ace 1, Reg 4, and Reg 5 mineral claims (Fig 2). Total footage completed was 1178 feet (359m).

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.

Comments:

Detailed logs of the cuttings and assay results are included in the appendices. All drillholes intersected monzonite and diorite rock types which have been assigned to the Cherry Creek unit of the Iron Mask Batholith. Propylitic alteration consisting predominantly of epidote, chlorite, and carbonate alteration minerals were noted in all the holes. Less abundant biotite and sericite potassic alteration was present as well.

With the exception of PDH 91-3, all holes encountered subeconomic copper-gold mineralization. In PDH 91-3, significant chalcopyrite mineralization was intersected associated with an intense zone of albitization. Followup drilling is recommended in the vicinity of this drillhole.

Drilling Results:

PDH 91-1	**0-6.1m**	Overburden
	6.1m - 21.3m	Cherry Creek Unit (monzonite). Fine-grained rock with pinkish cast due to K-spar. Moderate to intense propylitic alteration (epidote, chlorite, carbonate). Magnetite and hematite throughput; pyrite content up to 1/2% with chalcopyrite at top of section.
	21.3m - 51.8m	Cherry Creek Unit (monzonite). As above but with significant biotite content, likely of secondary origin; continuing strong propylitic alteration with magnetite and hematite. Widespread pyrite mineralization up to 1/2% with trace scattered chalcopyrite.

	51.8m - 84.7m	Cherry Creek Unit (monzonite). Monzonite with little secondary biotite. Moderate propylitic alteration (epidote-chlorite-carbonate) with magnetite. Minor pyrite content throughout. E.O.H.
PDH 91-2	0 - 9.1m	Overburden
	9.1m - 36.6m	Cherry Creek Unit (monzonite). Monzonite with generally moderate propylitic alteration (epidote-chlorite-carbonate). Minor biotite and sericite are present as well; pyrite content is low.
	36.6m - 73.1m	Cherry Creek Unit (monzonite). Predominantly monzonite with possible diorite from 67m to 73.1m. Moderate propylitic alteration; pyrite content increases to 1/2% on average with minor associated chalcopyrite.
	73.1m - 91.4m	Cherry Creek Unit (monzonite-diorite). Rock of varying monzonite-diorite composition. Moderate to intense propylitic alteration (epidote-chlorite-carbonate); minor pyrite content. E.O.H
PDH 91-3	0 - 6.1	Overburden
	6.1m - 15.2m	Cherry Creek Unit (monzonite). Monzonite with clay alteration with carbonate. Pyrite content ranges up to 2% with minor chalcopyrite.
	15.2m - 76.2m	Albitite. Intensely albitized section; significant clay and carbonate minerals present as well. Well mineralized with pyrite up to 2% and significant chalcopyrite present from 42.7m to 76.2m.

	76.2m - 91.4m	Cherry Creek Unit (monzonite). Monzonite with decreasing albitization at depth; epidote content increases. Pyrite and chalcopyrite content lower than section above but still significant E.O.H.
PDH 91-4	0 - 15.2m	Overburden
	15.2m - 57.9m	Cherry Creek Unit (monzonite). Primarily monzonite with possible diorite from 51.8m to 57.9m. Moderate propylitic alteration (epidote-chlorite-carbonate) with magnetite. Pyrite content averages 1/2% to 1% throughout.
	57.9m - 73.1m	Cherry Creek Unit (monzonite). As above but with more intense epidote-chlorite-carbonate alteration as well as sericite in places. Consistent pyrite mineralization up to 1/2%; magnetite throughout.
	73.1m - 94.1m	Cherry Creek Unit (monzonite). Monzonite with moderate propylitic alteration (epidote-chlorite-carbonate); magnetite throughout. Weak pyrite mineralization. No significant chalcopyrite mineralization in any portion of the drillhole. E.O.H.

STATEMENT OF COSTS

1.	Percussion Drilling - H. Horning Percussion Drilling	
	1178 feet x $7.00 per foot	$ 8,246.00
2.	Assaying - 106 samples Preparation, drying, assay for Cu and Au	
	106 samples @ $15.40 ea	1,632.00
3.	Pickup Rental	
	7 days @ $30/day	210.00
4.	Salaries	
	Lorne Bond, Senior Geologist Program Planning - Site Preparation Supervision 7 days @ $265/day	1,855.00
	Louis Tsang, Exploration Geologist Logging cuttings, sample preparation 2 days @ $215/day	430.00
	W. Takashita, Surveyor 1 day @ $208 per day	208.00
	D. Birkenhead, Surveyor 1 day @ $182 per day Survey Control, pickup holes	182.00
5.	Report preparation, drafting plans, printing	1060.00
		13,823.00
Withdrawn from Afton PAC account		3,977.00
TOTAL APPLIED TO CLAIMS		**$17,800.00**

STATEMENT OF QUALIFICATIONS

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

1. I am a qualified, practising Geologist.

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

3. I have practised 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 Ace 1, Reg 4, and Reg 5 mineral claims between April 23 and April 30, 1991.

Louis H.C. Tsang
Exploration Geologist
Afton Operating Corporation

June 25, 1991

STATEMENT OF QUALIFICATIONS

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

1. I am a qualified, practising Geologist.

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

3. I have practised 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 23 and April 30, 1991.

Lorne A. Bond
Senior Geologist
Afton Operating Corporation

June 25, 1991

Appendix I - Logs of Drillhole Cuttings

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)

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Borehole Cutting Log

Hole # P91 - #1
Logged by L. TSANG
Date APRIL 30, 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																										OVERBURDEN
10 - 20																										
* 20 - 30	*yO	✓gW									3/4	★	O	O	★	✓		I	MONZ	?						Rock cutting from 20' - 278'
30 - 40	*yO	*gW									1	★	O	O	★	✓		I	MONZ	?						
40 - 50	✓yO	*gW								✓	½	★	✓	O	★	✓	✓	I	MONZ							
50 - 60	*yO	✓gW									<½	★	✓	O	★	✓		M	MONZ							
60 - 70	*yO	✓gW									<½	O	O	O	★	✓	✓	M	MONZ							
70 - 80	*yO	✓gW							O		½	✓	✓	★	O	O	✓	M	MONZ							
80 - 90	*yO	✓gW							✓		<½	O	✓	★	O	O	✓	M	MONZ							
90 - 100	*yO	✓gW							✓		½	✓	✓	★	O	O	✓	M	MONZ	?						
100 - 110	*yO	✓yW							✓		½	O	O	O	★	✓		M	MONZ	?						
110 - 120	*yO	✓yW							✓		<½	O	O	O	★	✓	✓	M	MONZ	?						
120 - 130	*yO	✓yW							✓		<½	O	✓	O	O	✓	✓	M	MONZ							
130 - 140	*yO	✓yW							✓		½	★	✓	O	★			M-I	MONZ	✓						Pyrite has coarser grains
140 - 150	*yO	✓yW							✓		½	★	✓	O	★	O	✓	I	MONZ	O						A grain contains massive cpy
150 - 160	*yO	✓yW							✓		<½	✓	✓	O	O	✓		M	MONZ							
160 - 170	*yO	✓yW							✓		½	O	O	O	O	O		M	MONZ							
170 - 180	*yO	✓yW									½	O	✓	O	✓	O	Ø	M	MONZ							
180 - 190	*yO	✓yW									<½	O	✓	O	✓	Ø		M	MONZ							
190 - 200	*yO	✓yW									½	✓	✓	O	✓	O		M	MONZ	?						cutting is relatively finer grain
200 - 210	*yO	✓yW									½	✓	✓	✓	✓	Ø	✓	M	MONZ							cutting is relatively finer grain
210 - 220	*yO	✓yW									<½	✓	✓	✓	✓	O		M	MONZ							
220 - 230	*yO	✓yW									½	O	✓	✓	O	O	✓	M	MONZ							
230 - 240	*yO	✓yW									<½	✓	✓	✓	✓	O		M	MONZ							
240 - 250	*yO	✓yW									<½	✓	✓	✓	O	O	✓	M	MONZ							
250 - 260	*yO	✓yW							✓		½	✓	✓	✓	O	O	✓	M	MONZ							
260 - 270	*yO	✓yW									<½	O	✓	✓	✓	O		M	MONZ							
* 270 - 278	*yO	✓yW									½	✓	O	O	O	✓		M	MONZ							
280 - 290																										
290 - 300																										

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Borehole Cutting Log

Hole # 91 - #2
Logged by L. TSANG
Date MAY 2, 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																									
10 - 20																									
20 - 30																									
30 - 40	*yO	✓W									✓	O	✓	✓	O	✓	✓	M	MONZ						
40 - 50	*yO	✓W							✓	✓	✓	✓	O	O	✓	O		M	MONZ	?					DRILL CUTTING FROM 33' - 300'
50 - 60	*yO	✓gW							✓	✓		✓	✓	O	O	O		M	MONZ						
60 - 70	*yO	✓W										✓	O	O	✓	O		M	MONZ						
70 - 80	*yO	✓W										✓	O	O	✓	O		M	MONZ						
80 - 90	*yO	✓W									✓	✓	O	O	O	O		M	MONZ						
90 - 100	*yO	°W									✓	O	✓	O	O	O		M	MONZ						
100 - 110	*yO	✓W									✓	O	O	O	O	O		M	MONZ						
110 - 120	*yO	°W										O	✓	✓	O	✓		I	MONZ						
120 - 130	*yO	°W									<½	O	O	O	O	O		I	MONZ	?					
130 - 140	°yO	*yW									¾	O	O	✓	✓	✓		M	MONZ						
140 - 150	*yO	°yW									½	✓	✓	O	O	O		M	MONZ						
150 - 160	°yO	°W									½	O	✓	O	O	O		M	MONZ	?					diss PY in rock & as stringers & CL
160 - 170	°yO	°W									<½	O	✓	O	O	O	✓	M	MONZ						Mg also found as replacement of mafic
170 - 180	✓yO	*W									½	O	✓	✓	O	✓		I	MONZ						Albitization
180 - 190	yO	*W							✓		1	✓			✓	O		I	MONZ						Albitization
190 - 200	°yO	°W									½	O	✓	✓	O	O		I	MONZ						
200 - 210	*yO	✓W								✓	½	O	✓	O	O	O		M	MONZ	✓					
210 - 220	*yO	✓W									1	O	O	O	O	O		M	MONZ						
220 - 230	✓yO	°W									¾	O	✓	O	O	✓		M	DIOR						
230 - 240	✓yO	°W									½	O	✓	O	O	O		M	DIOR						
240 - 250	✓yO	*W									<½	O	✓	O	O	O		M	DIOR						
250 - 260	°yO	°W									<½	O	O	O	✓	O		M	MONZ						
260 - 270	✓yO	*W									<½	O	✓	O	O	✓		I	DIOR						
270 - 280	°yO	°W									<½	O	✓	✓	O	✓		I	DIOR	✓					
280 - 290	°yO	°W									<½	O	✓	✓	O	O		M	MONZ						
290 - 300	*yO	°W										O	✓	✓	✓	✓		M	MONZ						

Afton Operating Corporation

Borehole Cutting Log

Hole # 91 - #3
Logged by L. TSANG
Date MAY 2, 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																										
10 - 20																										
20 - 30	°go	°gw									1½	✓	✓	✓	O	✓	✓	I	MONZ	?						DRILL CUTTING FROM 20' - 300'
30 - 40	*go	°gw									1*	★			O			I	MONZ							
40 - 50	°go	°gw									2	★			O			I	MONZ							
50 - 60	✓go	*gw						★			2	★			O			I	ALBT							Albitization
60 - 70	°go	°gw						★			2	★			O			I	MONZ							
70 - 80		*gw						★			<½	O			O			I	ALBT							
80 - 90		*gw						★			<½	✓			✓			I	ALBT							
90 - 100		*gw						★			<½	✓			✓			I	ALBT	?						
100 - 110		*gw						★			<½	✓	✓	✓	✓			I	ALBT	?						
110 - 120	✓go	*gw						★			½	✓		✓	✓			I	ALBT							
120 - 130	✓go	*gw						★			½	✓			✓			I	ALBT	✓						
130 - 140	°go	*gw						★			2	O	✓		O			I	ALBT							
140 - 150	✓go	*gw	O					★			½	★			O			I	ALBT	★						Estimated 0.5% Cu. contain free c.g. CP grains
150 - 160	✓go	*gw						★			½	O			O			I	ALBT	O						Estimated 0.2% Cu.
160 - 170	✓go	*gw	✓					★			¾	O			O			I	ALBT	★						Estimated 0.4% Cu
170 - 180	✓go	*gw	✓					★			2½	O			O			I	ALBT	★						Estimated 0.6% Cu some diss CP in rock grains
180 - 190		*gw	✓					★			1½	O			O			I	ALBT	★						Estimated 0.3% Cu
190 - 200		*gw	O					★			1	O	✓		O			I	ALBT	★						Estimated 0.3% Cu. Found Diss CP & in stringers in rock
200 - 210	✓go	*gw	✓					★			1	O			O			I	ALBT	★		?				Est. 0.2% Cu
210 - 220	✓go	*gw	✓					★			½	O			O			I	ALBT	★	✓	?				Est 0.4% Cu
220 - 230	°go	*gw	✓					★			½	O	✓	✓	O			I	ALBT	★	✓					Est. 0.1% Cu
230 - 240	°go	°gw						★			¾	O	✓	✓	O			I	ALBT	★		?				Est. 0.3% Cu/commonly found as free c.g. grains
240 - 250	°go	°gw						★			½	O	✓		O			I	ALBT	★		?				Est. 0.2% Cu.
250 - 260	*go	°gw						O			<½	★	✓		O			I	MONZ	✓						
260 - 270	*go	°gw						✓			<½	★	✓		O			I	MONZ	✓						
270 - 280	*go	°gw									<½	O	✓		O			M	MONZ	✓						
280 - 290	*go	°gw									½	O	✓		O			M	MONZ	★		?				Est. 0.25% Cu.
290 - 300	*go	°gw						✓			¾	O	✓		O			M	MONZ	O		?				Est. 0.1% Cu.

Afton Operating Corporation

Borehole Cutting Log

Hole # 91 - #4
Logged by L. TSANG
Date MAY 3, 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																										
10 - 20																										
20 - 30																										
30 - 40																										
40 - 50																										
50 - 60	* go	✓ gw									½	O	✓		O	O		M	MONZ							DRILL CUTTING FROM 53'-200'
60 - 70	* go	* gw	✓								½	O	✓		O	O		M	MONZ	?						
70 - 80	* go	* gw									¾	O	✓	✓	O	O		M	MONZ	?						Mafic is replaced by MG-CH-AC Rock as fine grains and clots in vk)
80 - 90	* go	* gw	✓								1½	O	O	O	O	O		M	MONZ							
90 - 100	* go	✓ gw									½	✓	✓	✓	O	O		M	MONZ							
100 - 110	* go	✓ gw									<½	O	✓	✓	O	★		M	MONZ							Mafic is dominantly replaced by mainly MG
110 - 120	* go	✓ gw									½	O	O	✓	O	★		M	MONZ							
120 - 130	* go	✓ gw									<½	O	O	✓	O	★		M	MONZ							
130 - 140	* go	✓ gw									<½	O	O	✓	O	O		M	MONZ							
140 - 150	* go	✓ gw									<½	O	✓	✓	O	O		M	MONZ							
150 - 160	* go	✓ gw									½	O	✓	✓	O	O		M	MONZ							
160 - 170	* go	✓ gw	✓								<½	O	✓	✓	O	O		M	MONZ							
170 - 180	✓ go	* gw									<½	O	✓	O	O	O		M	DIOR							
180 - 190	* go	* gw									½	O	✓	✓	●	★		M	DIOR							
190 - 200	* go	✓ gw								Flaky ✓	½	O	✓	✓	O	O		M	MONZ							
200 - 210	* go	✓ gw									½	O	✓	✓	O	O		M	MONZ							
210 - 220	* go	✓ gw								✓	1	✓	✓	✓	O	O		M	MONZ							
220 - 230	* go	✓ gw	✓							✓	¾	★	✓	✓	O	O		M-I	MONZ							
230 - 240	* go	✓ gw								✓	½	★	✓	✓	O	O		M-I	MONZ							
240 - 250	* go	✓ gw									<½	O	✓	✓	O	O		M	MONZ							
250 - 260	* go	✓ gw									<½	O	O	✓	O	O		M	MONZ							
260 - 270	* go	✓ gw									<½	✓	O	✓	O	O		M	MONZ							
270 - 280	* go	✓ gw	✓								½	O	O	✓	O	O		M	MONZ							
280 - 290	* go	✓ gw									<½	O	O	✓	O	O		M	MONZ							
290 - 300	* go	✓ gw									<½	O	O	✓	O	O		M	MONZ							

Appendix II - Assay Results

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 23, 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)
P91-1	20-30	.052	.0006	
	30-40	.022	.0017	
	40-50	.012	.0023	
	50-60	.014	.0007	
	60-70	.014	L.0005	
	70-80	.014	L.0005	
	80-90	.016	L.0005	
	90-100	.025	.0034	
	100-110	.024	.0037	
	110-120	.015	.0010	
	120-130	.014	.0007	
	130-140	.014	.0011	
	140-150	.022	L.0005	
	150-160	.016	L.0005	
	160-170	.026	L.0005	
	170-180	.025	.0006	
	180-190	.019	.0019	
	190-200	.020	.0024	
	200-210	.026	.0017	
	210-220	.016	.0050	
	220-230	.037	.0017	
	230-240	.025	.0012	
	240-250	.043	.0007	
	250-260	.033	L.0005	
	260-270	.024	L.0005	
	270-278	.023	L.0005	

Joe Mihalech

Joe Mihalech,
Chief Assayer

JM/rd

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)
P91-2	33-40	.004	L.0005	
	40-50	.004	L.0005	
	50-60	.004	L.0005	
	60-70	.003	L.0005	
	70-80	.003	L.0005	
	80-90	.003	L.0005	
	90-100	.006	L.0005	
	100-110	.004	L.0005	
	110-120	.005	L.0005	
	120-130	.028	L.0005	
	130-140	.017	L.0005	
	140-150	.014	L.0005	
	150-160	.047	L.0005	
	160-170	.023	L.0005	
	170-180	.019	L.0005	
	180-190	.021	L.0005	
	190-200	.024	L.0005	
	200-210	.027	L.0005	
	210-220	.024	L.0005	
	220-230	.023	L.0005	
	230-240	.015	L.0005	
	240-250	.018	L.0005	
	250-260	.013	L.0005	
	260-270	.011	L.0005	
	270-280	.014	L.0005	
	280-290	.008	L.0005	
	290-300	.008	L.0005	

Joe Mihalech

Joe Mihalech,
Chief Assayer

JM/rd

AML 103

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 9, 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)
P91-3	10-20			
	20-30	.061	.0110	
	30-40	.046	.0070	
	40-50	.043	.0015	
	50-60	.042	.0009	
	60-70	.035	.0031	
	70-80	.045	.0027	
	80-90	.049	.0008	
	90-100	.024	.0007	
	100-110	.021	.0009	
	110-120	.029	.0008	
	120-130	.041	.0006	
	130-140	.171	.0013	
	140-150	.816	.0041	
	150-160	.667	.0023	
	160-170	.460	.0015	
	170-180	.944	.0035	
	180-190	.461	.0011	
	190-200	.387	.0013	
	200-210	.436	.0019	
	210-220	.323	.0008	
	220-230	.293	.0028	
	230-240	.267	.0014	
	240-250	.258	.0019	
	250-260	.200	.0014	
	260-270	.222	.0022	
	270-280	.184	.0033	
	280-290	.191	.0016	
	290-300	.192	.0043	

Joe Mihalech,

AML 103

AFTON OPERATING CORPORATION

INTER-OFFICE LETTER DATE: May 23, 1991

TO: Lorne Bond

FROM: Joe Mihalech

COPIES TO:

WHEN FEASIBLE, CONFINE LETTER TO ONE SUBJECT

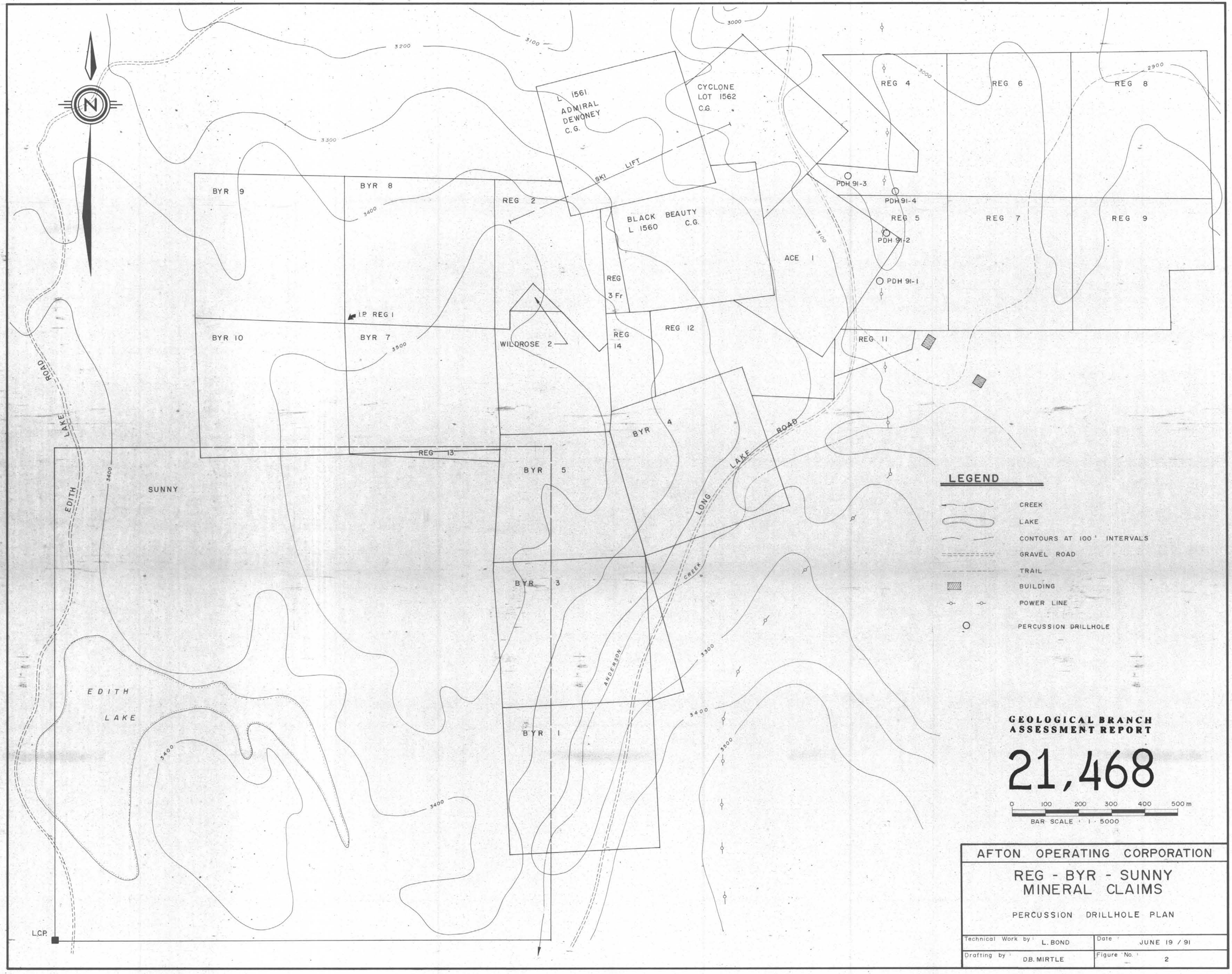
RE: **AFTON'S ASSAYS ON PERCUSSION DRILL SAMPLES**

Hole	Depth Interval Ft.	Cu (%)	Au (opst)	Ag (opst)
P91-4	53-60	.013	L.0005	
	60-70	.009	L.0005	
	70-80	.009	L.0005	
	80-90	.018	L.0005	
	90-100	.009	L.0005	
	100-110	.006	L.0005	
	110-120	.008	L.0005	
	120-130	.008	L.0005	
	130-140	.008	L.0005	
	140-150	.008	L.0005	
	150-160	.011	L.0005	
	160-170	.008	L.0005	
	170-180	.011	L.0005	
	180-190	.011	L.0005	
	190-200	.011	L.0005	
	200-210	.015	L.0005	
	210-220	.018	L.0005	
	220-230	.019	L.0005	
	230-240	.010	.0011	
	240-250	.009	.0011	
	250-260	.005	L.0005	
	260-270	.008	L.0005	
	270-280	.010	.0011	
	280-290	.011	.0007	
	290-300	.009	.0010	

Joe Mihalech

Joe Mihalech,
Chief Assayer

AML 103



LEGEND

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,468

0 100 200 300 400 500 m

BAR SCALE 1 : 5000

AFTON OPERATING CORPORATION

REG - BYR - SUNNY MINERAL CLAIMS

PERCUSSION DRILLHOLE PLAN

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