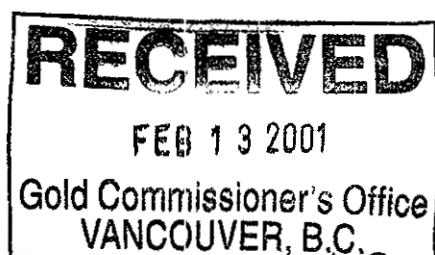


Assessment Report

2000 Diamond Drill



Exploration on the Afton Mine Property

NTS 92-I-9W/10E

**Kamloops Mining District
B.C., Canada**

**Owner/Operator
DRC Resources Corporation**

**601-595 Howe Street,
Vancouver, B.C., V6C 2T5**

**By
John Ball**

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
February 2001**

26,479

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Summary

The 8 Diamond Drill holes described in this report has helped to establish the presence of a substantial primary "feeder zone" below the Afton open pit bottom. The shape of the deposit, still open in all directions including to near surface, is a steeply dipping tabular body averaging about 250 ft (76 m) in width. The zone extends to a depth of at least 1000 ft (303 m) below pit bottom, with no indication of narrowing along strike or down plunge, however drilling indicates the zone appears to narrow towards the top of the system.

Diamond drill results to date indicate a northeast striking continuous mineralized zone averaging 2.00% copper, 0.045 oz/t gold, 0.004 oz/t palladium, and 0.20 oz/t silver, resulting in a copper equivalent grade of 3.00%. (metal values: copper at \$0.80/pound, gold at \$280/oz, palladium at \$600/oz, and silver at \$5/oz).

Preliminary metallurgical studies indicate excellent copper recoveries together with gold, palladium and silver by-product-metals (Tse, 2001). A Petrographic study based on drill core analysis by Dr. J.F. Harris (2000) proposed a new interpretation for much of the mineral system indicating "characteristics resembling those within certain gabbroic or anorthositic rocks (as with many copper-nickel deposits) where the copper sulphides are of magmatic origin" rather than being replacements of earlier rock constituents. With the disseminated nature of copper sulphides throughout the host rock, the concentration of sulphides would not be so dependent on the degree of fracturing but on the size of the mineralized magmatic body, increasing the potential for an extensive mineral zone at depth.

Introduction

The Afton pit at surface is approximately 3280 ft (1000 m) long east-west and 950 ft (290 m) deep. Open-pit mining up to 1987 of supergene (oxide) native copper, chalcocite, and chalcopyrite occurred over a 1900 ft (580 m) length within an approximate 300 ft (90 m) wide orebody whose average dip near the eastern mined limit was -50° south increasing to -75° south at the western limit.

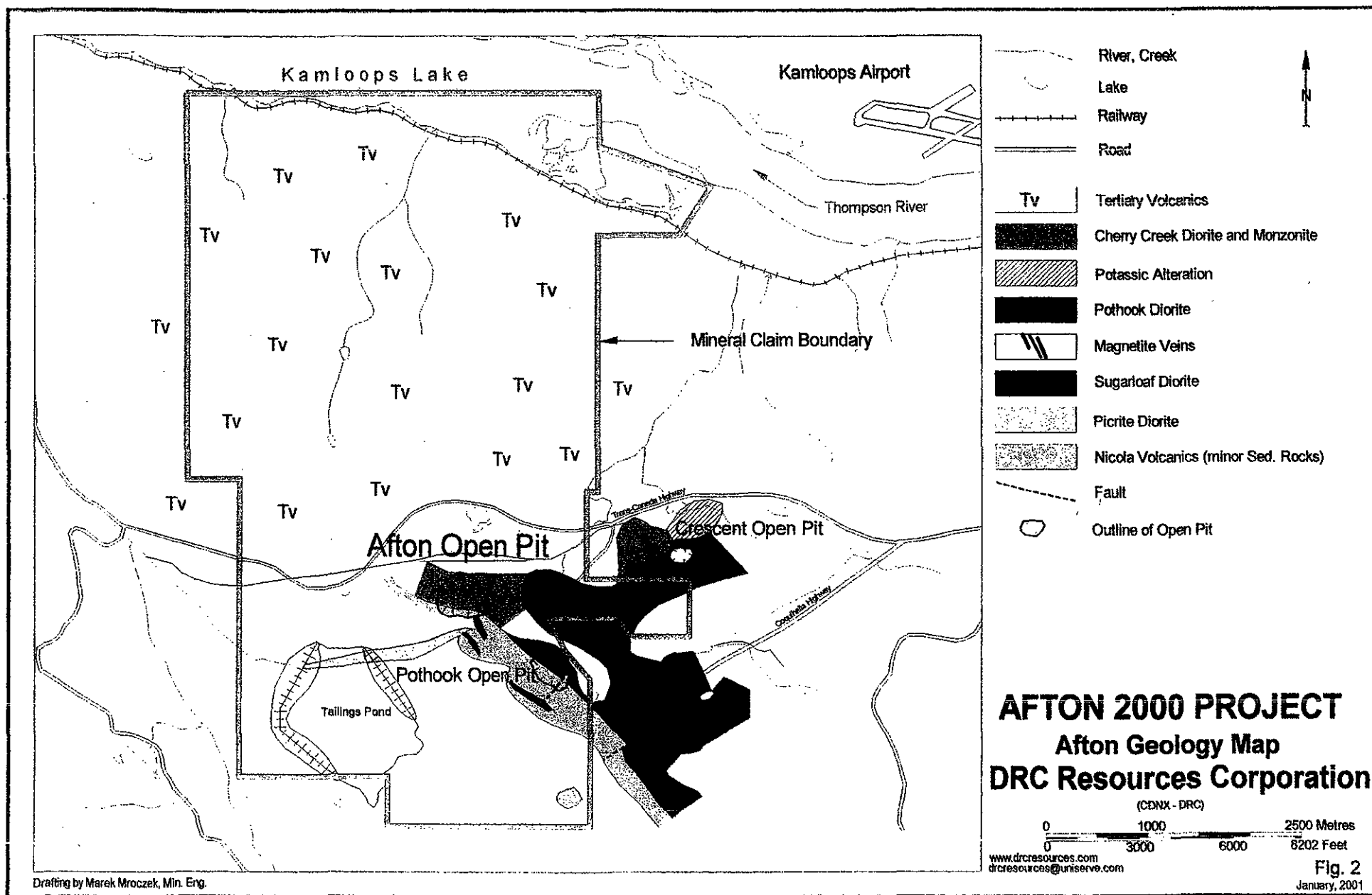
Seven Afton Mines Ltd. drill holes (2 in 1973 and 5 in 1980) tested the hypogene (sulphide) copper-gold orebody to the immediate southwest beneath the final open-pit floor. Afton's 1980 Annual Report stated: "five deep diamond drill holes were drilled to test the continuity of the ore zone beneath the open-pit. As a result of these holes and the two drilled in 1973, underground reserves have been calculated at 6,500,000 tons grading 1.55% copper, 0.047 ounces gold and 0.20 ounces silver. The deepest hole penetrated the zone 2,000 feet below surface or at 1,100 feet below the final pit. The ore zone is open at depth" (Hallbauer, 1981). DRC year-2000 drill holes extended the zone length southwesterly.

This report has been prepared at the request of DRC Resources Corporation, the operator, to compile and summarize the exploration results of the 8 diamond drill holes on Afton mining property conducted during the period April 15 to August 30, 2000.

Location and Access

The Afton (DRC) Property is located within NTS map 92-I-9W/10E (*Figures 1 and 2*) alongside both the Trans-Canada and Coquihalla Highways, 350 kms (220 miles) northeast of Vancouver and 10 kms (6 miles) west of the city Kamloops. Access is by mine-site roads. Electric power is linked to the mine sub-station and a pipeline is used to transport water 4 km. from Kamloops Lake at a point adjoining the C.P.R. Railway at 343 m (1100 ft) elevation. A natural gas

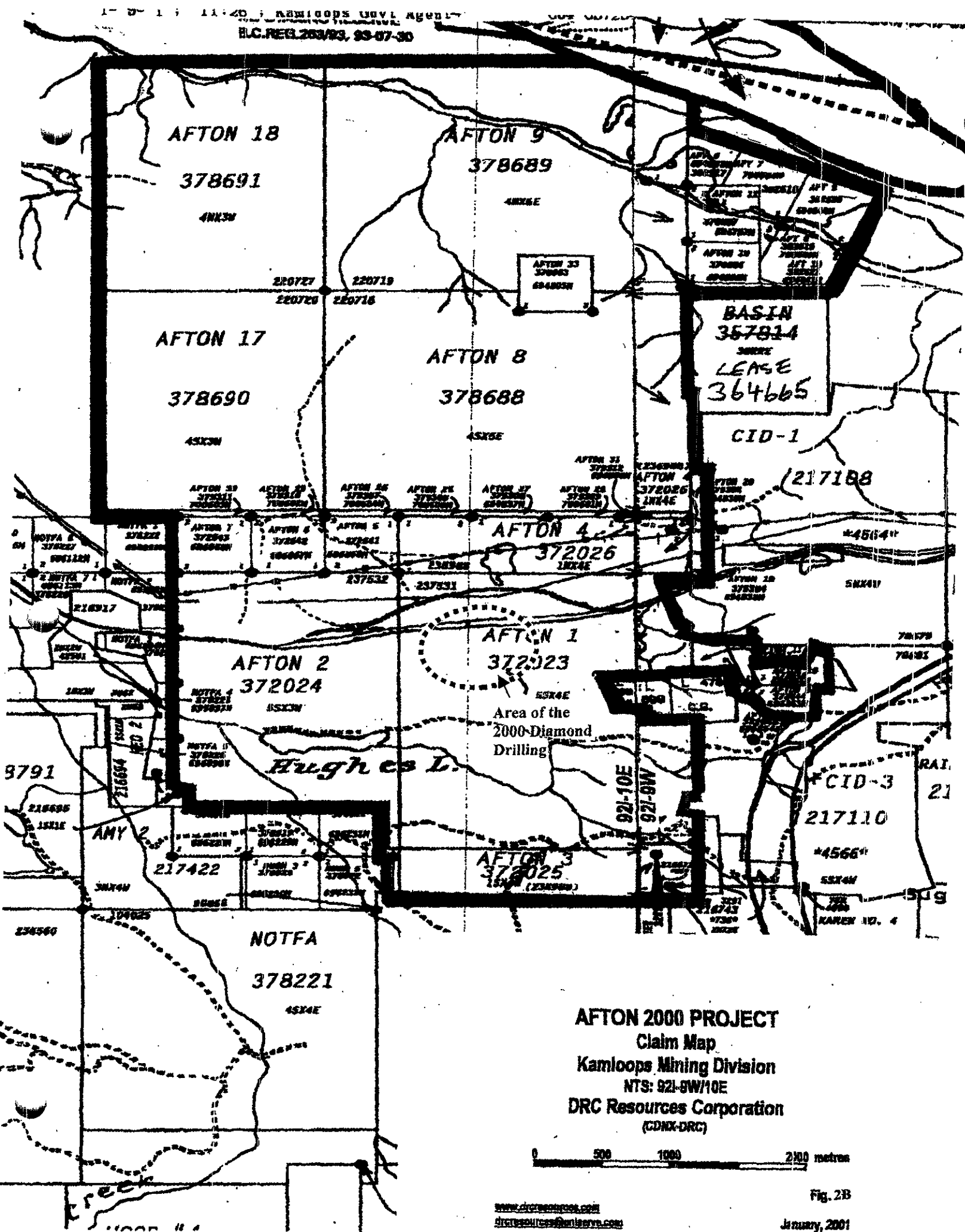




pipeline crosses the mine site. The processing mill, workshop, office, assay-lab, and administration buildings remain intact. The mill-site elevation is 700 m.a.s.l. (2200 ft). The nearby tailings pond requires minimal monitoring, as the water is alkaline with a reported pH of 8.5.

Property and Ownership

The Afton DRC Property to January 2001 consists of 8 - 4 post mineral claims and 24 -2 post located mineral claims (131 mineral claim units, 3150 hectares) recorded September 1999 through October, 2000 (*Figure 2b, Tables 1 and 2*). All claims are held either directly by DRC or under option by DRC Resources Corporation from Westridge Enterprises Ltd. and Indogold Development Ltd..



Afton Claim Group

Table 1: List of 4 Post Mineral Claims

Claim Name	Record Number	Number of Units	Expiry Date
AFTON 1	372023	20	09/22/2003
AFTON 2	372024	15	09/22/2003
AFTON 3	372025	4	09/22/2003
AFTON 4	372026	4	09/22/2003
AFTON 8	378688	20	06/30/2001
AFTON 9	378689	20	06/30/2001
AFTON 17	378690	12	07/04/2001
AFTON 18	378691	12	07/04/2001

Table 2: List of 2 Post Mineral Claims

Claim Name	Record Number	Number of Units	Expiry Date
AFTON 5	372641	1	10/03/2003
AFTON 6	372642	1	10/03/2003
AFTON 7	372643	1	10/03/2003
AFTON 8	372644	1	10/03/2003
AFTON 9	372645	1	10/03/2003
AFTON 10	372646	1	10/03/2003
AFTON 11	372647	1	10/03/2003
AFTON 10	378686	1	06/30/2001
AFTON 11	378687	1	06/30/2001
AFTON 19	379304	1	07/13/2001
AFTON 20	379305	1	07/13/2001
AFTON 25	379306	1	07/14/2001
AFTON 26	379307	1	07/14/2001
AFTON 27	379308	1	07/14/2001
AFTON 28	379309	1	07/15/2001
AFTON 29	379310	1	07/14/2001
AFTON 30	379311	1	07/14/2001
AFTON 31	379312	1	07/15/2001
AFTON 33	378963	1	07/25/2001
AFT 6	382517	1	10/30/2001
AFT 7	382518	1	10/30/2001
AFT 8	382519	1	10/30/2001
AFT 9	382520	1	10/30/2001
AFT 10	382521	1	10/30/2001

Afton History

Afton Mines Limited commenced production from the Afton open-pit in 1978. Afton's reserves were estimated at 34 million tons of 1% copper, 0.016 oz/t (0.58 g/t) gold, and 0.12 oz/t (4.2 g/t) silver. From 1978 to '87, 24 million tons were mined to a 920 ft (280 m) depth (Hallbauer, 1987).

Open-pit mining from the Afton open-pit of supergene native copper, chalcocite, and chalcopyrite occurred over a 1900 ft (580 m) length of an approximate 300 ft (90 m) wide orebody whose average dip near the eastern-mined-limit was -50° increasing to -75° south at the western limit.

Seven drill holes (2 in 1973, and 5 in 1980) tested the "90 metre thick" copper-gold body to the southwest beneath the final open-pit floor. Afton's 1980 Annual Report stated:

"Five deep diamond drill holes were drilled to test the continuity of the ore zone beneath the open pit. As a result of these holes and the two drilled in 1973, underground reserves have been calculated at 6,500,000 tons grading 1.55% copper, 0.047 ounces gold and 0.20 ounces silver. The deepest hole penetrated the zone 2,000 feet below surface or 1,100 feet below the final pit. The ore zone is open at depth." (Hallbauer, 1981)

There is an increase in gold and silver grades in the primary sulphide hypogene zone. Mine Manager M. Lipkewich in 1982 reported "Gold grades mined by underground would be 3 times those obtained at present, while silver would be twice that of the open pit." In the same article chief mine engineer D. Stewart reported "...the orebody widens and deepens westward" (Duval, 1982). As an example DDH#80-4 intersected 0.1 oz gold over 230 ft (70 m), starting at 330 ft (100 m) beneath the pit-floor.

Afton's 1973 and '80 published copper-gold intersections were averaged and not subdivided into higher and lower-grade sections. However significant higher-grade sections were intersected in drill holes below the mined-out open-pit.

General Geology

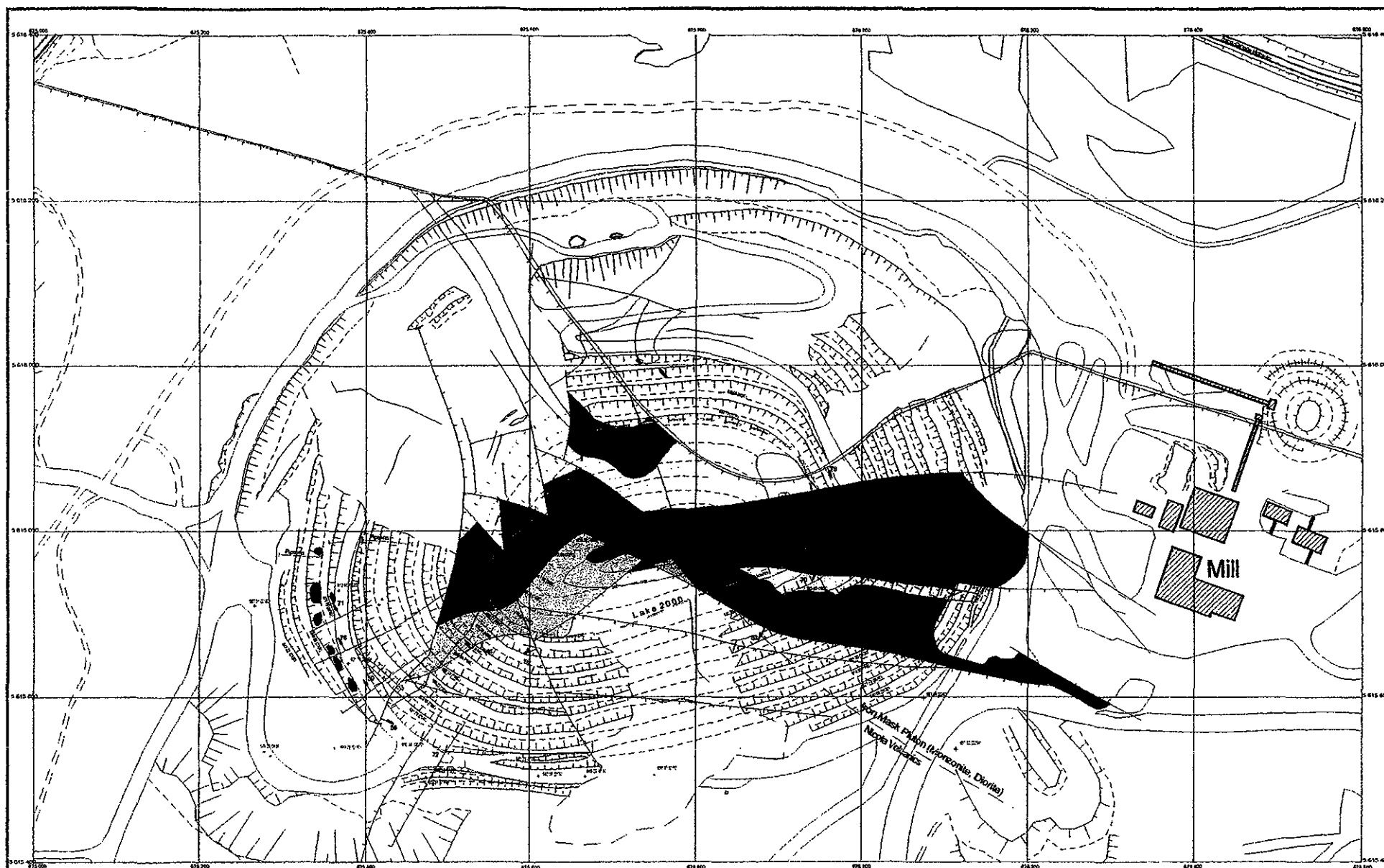
Within the 35 km long Iron Mask Batholith, the Afton and Pothook mineral zones are located at the northwest end of the 18 km long Iron Mask Pluton composed of diorites and gabbros of Upper Triassic age (230–208 Ma). The pluton was emplaced in Upper Triassic strata of the Nicola Group composed of andesitic and basaltic flows, breccias, tuffs, mudstones, argillites, and limestones (Carr, 1976) (*Figure 2*).

Local Geology

The Afton mineral zone lies within shattered and altered micro-diorite rock. The upper 650 ft (200 m) through most of the mineral body hosts secondary minerals defined by native copper commonly accompanied by chalcocite and cuprite, while contact with the primary (hypogene) sulphide zone occurs at the extreme western end of the oxide mineral body. This zone hosts bornite, chalcocite and chalcopyrite with higher copper and gold values than the overlying secondary zone (*Figure 3*).

Local geology is well described in the literature discussing the Afton deposit. The primary zone contains the same dominant rock types as does the secondary zone – namely a well-fractured mineralized micro-diorite – but fresher in appearance. Microscopic studies (described in Petrographic Studies) reveal that large sections of the intrusion in which albite feldspar is a main constituent has altered to light brownish ankerite –an iron-magnesium carbonate. The source of the magnesium is unknown although sub-vertical dykes of picrite, a magnesium (olivine) rich basalt, occurs in the general area.

Of some academic interest is the presence of net textures within both the unmineralized picrite and the primary mineral zone as observed in both petrographic thin-sections and drill core, suggesting a possible common relationship.



Tertiary:
 Keritops and Tanque Formation
 Volcanic: spate flows, tuffs, silt, and stone
 Sediments: mudstone, shales, siltstones, conglomerates, with thin coals
 Coal seam

Triassic:
 Iron Mark Piton and Nicole Volcanics
 Hypocrite ore (boronite, chalcocite, chalcophyllite)
 Chalcite ore (native copper, chalcocite)
 Lignite dyke

Quaternary (Nicola Volcanics, Miocene, Oligocene)
 Fault (Trend line showing dip)

Deviation in Metres (Feet)
 Pit Wall and Bench
 Pond
 Road

True North

AFTON 2000 PROJECT
 Afton Open Pit Contour
 (at 1720 Level in Open Pit)
 DRC Resources Corporation

0 20 40 60 80 100 120 140 160 180 200 meters
 0 60 120 180 240 feet

Fig. 3

Source: Atkinson, 1985, Geological Map of South Island 1985-1986, 1:50,000 scale
 Copyright: DRC Resources Corporation, 1985
 All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without permission in writing from DRC Resources Corporation.

Primary zone minerals include chalcopyrite, bornite and chalcocite, all considered hypogene based on the presence of solid solution features. Pyrite has not been identified in drill core, or in petrographic studies although pyritic alteration is common surrounding the deposit. Native copper occurs occasionally at higher levels within a few of the wider fault structures such as those at the southeast hanging-wall contact.

The northeast portion of the drilled mineral zone, nearly 100% recoverable in all 10 foot sections of core, is relatively soft in the hanging-wall portion of the zone while being noticeably harder in the heavier mineralized mid section. Towards the southwest the mineralized rock becomes harder and more competent in both the hanging-wall and central portion of the zone. Numerous sealed fractures on "micro-faults" are present in most of the core examined by the writer. Wide sections of gouge are not common except near the bounding contacts.

Mineralization

Bornite and chalcopyrite are the principal primary ore minerals. Native copper and chalcocite occur with minor amounts of cuprite in brecciated narrow "solution channels" near the hanging-wall. Native copper, present near the mineral zone's eastern contact at higher elevations in drill holes 1 to 5, is completely absent in holes 11 to 21 further southwest.

Within the mineral zone higher-grade copper, gold, silver, and palladium occur with fine-grained bornite and chalcopyrite in a continuous central core of moderate to strong albite alteration, with grades averaging from 2.5 % to 4% copper equivalent. The grade cut-off along the hanging-wall contact of the mineral zone is fairly abrupt, beyond which minor pyrite and magnetite co-exist. The grade contact along the foot-wall is gradational from chalcopyrite to pyrite.

The primary southwest trending portion of the Afton mineral zone is bounded on the southeast side by a well defined pebble-breccia conglomerate-like

unit which is the hanging-wall unit through the tested strike length. This distinctive unit may be the one described by Carr (1976) who states: "An oblique fault distinguished in drill core by a distinctive, gritty breccia is readily correlated between several holes and lies deep in the deposit, dipping about 50 degrees southeast". Although Afton historical geological data is not available, there is a strong suggestion that Carr's breccia which is described as trending 020° is the same unit encountered in DRC's drilling to date.

The foot-wall contact in drill core has a gradational change from chalcopyrite in the mineral zone to pyrite only in the foot-wall rocks. In most drill holes on either sides of the higher grade sections, a 20 to 250 foot wide section of lower grade copper (greater than 0.2 % Cu) is present, apparently a halo around the higher grade zone.

A strong persistent fault-breccia bounds and parallels the mineral zone on the southeast side. After defining the zone with a number of drill holes that intersected the mineral zone at relatively high angles from restricted locations within the pit, the persistent rectangular shape of the mineralized body was confidently established, and the trace of the hanging and foot-wall was predicted along strike to the southwest.

The ratio of copper minerals present changes along the zone from northeast to southwest. Drill holes 2K-1 to 5 are in "sooty" chalcocite with fracture-controlled clots, plates, and rare fracture fillings of native copper together with lesser disseminated fine-grained chalcopyrite and bornite in intermittent bands which increase in frequency deeper in the holes.

Mineralogical changes occur along strike and to depth to the southwest (holes 2K-6 to 21) from native copper-chalcocite-chalcopyrite to fine to very-fine grained disseminated and net-textured bornite and chalcopyrite which occur either together or individually throughout the mineralized sections. Minor intermittent fine-grained "sooty" chalcocite occurs within narrow brecciated and fractured

sections. Native copper is completely absent except in a few narrow brecciated vertical solution-channels.

Gold, silver, palladium, or other platinum-group metals were not identified in microscope examination of core or in thin-section petrographic studies suggesting these elements occur in solid solution with the other sulphides (Harris, 2000).

Minor magnetite, partly altered to hematite near surface, is present, as is digenite, the gray metallic form of the usually “sooty” chalcocite. No pyrite or magnetite occurs within the mineral zone.

Wall rock on the east and west sides of the mineral zone contains disseminated and fracture-controlled pyrite and magnetite.

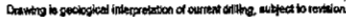
Diamond Drill Program (2000)

A “4X4” road was constructed in April, 2000 to connect the old open-pit haulage road to the drill-stations on the 1610 ft bench, 600 feet (180 m) below the pit –rim. This bench, 30 feet (9 m) above the water level in the pit, was suited for drill sites, though somewhat restricted. A few drill sites were abandoned due to collaring problems caused by rock fractures from previous mining.

During the period from April to August 30, 2000, DRC completed 9901 feet (3017 m) in 8 NQ diamond drill holes from set-ups on the 1610 ft bench near the south pit-rim (*Figure 4*).

Drilling indicates the 035° striking “primary” mineral zone being intersected below and southwest of the pit-floor occurs in a wide shear-controlled structure that may be a different one than the 090° trending fault-bounded zone which hosted the native copper-rich secondary (oxide) ore body mined in the open-pit. Future drilling will provide further evidence about this assumption.

John Ball (the author), Exploration manager and Geological consultant, supervised the 2000 Afton Diamond Drill Project. Consultant James (Jim) McDougall, P. Eng., reviewed and advised on diamond drilling & geological



fieldwork. All mineralized drill core intervals were logged and split in 10 foot lengths with half-retained and the other half sampled and shipped directly to Eco-Tech Laboratories Ltd. of Kamloops, B.C. for analysis of copper, gold, silver and palladium. Check samples were selected and sent to Cominco Assay Laboratories and Acme Analytical laboratories Ltd. of Vancouver. Selected core samples were examined petrographically and reported on by J.F. Harris, Ph.D. Eco-Tech Laboratories are B.C. Certified Assayers who participate in the National Canmet Proficiency Testing, and maintain their own in-house Quality Assurance and Quality Control Program. They have been in the analytical testing business for 26 years, and are familiar with assaying the Afton samples

Sample preparation and analysis are as follows: All samples are sorted, documented, dried (if necessary), roll crushed to -10 mesh, split into a 250 grams aliquots, and pulverized to 95% -140 mesh. Samples for "Metallic" Copper Assay (when requested) are split and pulverized into additional 250 gram aliquots of -10 mesh material. The entire pulp is screened to -140 mesh. Gold and palladium are assayed in 30 gram samples with conventional fire assay using A.A. and/or ICP finish. Minimum reported concentrations for gold are 0.005 g/t and for palladium are 0.005 g/t. Copper is determined by Aqua Regia Digestion and A.A. Finish. "Metallic" Copper (when required) includes 2 copper assays per sample. Silver geochemical analysis is by Aqua Regia digestion and A.A. Finish. A total of 712 core samples were sent for analysis.

Diamond Drill Hole locations were plotted on plan view maps with cross sections (*Figures 4*). Assay intersections for copper, gold, palladium, silver and their copper equivalent were calculated assuming an average 250 ft (76 m) width for each intersection for the specific drill interval sampled. Average grades were determined based on core from 18 drill holes.

All drill-collar locations were surveyed by transit and brunton compass and tied-in to the open-pit plan which had been drawn from air photos. Drill hole

directions were measured with Tropari survey instruments, which recorded both dips and azimuths, and acid etch bottles, which recorded dips only.

Petrographic Description

The hypogene mineral zone is a tabular northeast-striking soda-rich, silica deficient feldspar body, probably a "feeder zone" related to a micro-diorite which has been altered under intense thermal conditions most likely related to the Iron Mask or more mafic intrusives. The host rock appears to be a fine-grained porphyritic albitite. There is a high magnesium - calcium content with varying amounts of iron present in the main host rock resulting in a form of "ankerite"- a calcium, magnesium, iron carbonate, derived in large part from albitite.

Although ankerite, in which better copper values appear to occur, was recognized earlier at Afton, its relation to copper mineralization was not particularly noted. Quartz is absent in the system, as in other large copper deposits (i.e. Copper Mountain 200 Kms [120 miles] south of Afton) that also contain similar mineral assemblage.

A petrographic study of mineralized core samples was completed by J.F. Harris, Ph.D. in year-2000. In conclusion he states: "The style of intergrowth of the three copper sulfide species of these samples is of hypogene aspect, suggestive of unmixing of primary solid solutions – as distinct from the sequential formation features associated with secondary enrichment under supergene conditions.

There is notable absence of associated introduced gangue, or of reaction/contact effects between the sulfides and the host silicates, and the relationships resemble those characterizing the net-textured mineralization seen in certain gabbroic or anorthositic rocks – where the sulphides are thought to be of magmatic origin. No consistent evidence was seen for sulfide replacement of mafic silicates (which is unusual in these rocks)."

The magmatic origin and the disseminated nature of the sulfides throughout the host rock indicate a new interpretation for the mineral system. The

concentration of sulphides is not necessarily dependent on the degree of fracturing but on the size of the mineralized magmatic body, indicating the potential for a more extensive mineralized zone at depth.

Metallurgical Study

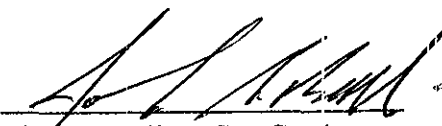
Preliminary metallurgical studies, conducted by Process Research Associates Ltd. of Vancouver, British Columbia in 2001 on two 150 lb. representative bulk samples gave good recoveries for copper, gold, palladium, platinum and silver. Four flotation tests on -200 mesh sieve size, generated a 30-40% copper concentrate with a metal recovery range as follows: copper 90-95 %, gold 85-90 %, palladium 70-80 %, platinum 58-87 % and silver 75-80 %. To optimize the metal recovery and to upgrade the concentrate, further studies are continuing.

Conclusions

The 2000 Diamond Drill Program to date has established the presence of a substantial primary (hypogene) copper zone alongside and below the open pit. The mineral zone is a 035° striking tabular body that averages 250 ft (76 m) in width, and extends to a depth of at least 1000 ft (303 m) below pit bottom, with no indication of narrowing along strike or down dip, although some narrowing up dip is indicated. Further drilling of the zone along strike and to depth will be required to develop additional tonnage.

With the disseminated nature of copper sulphides throughout the host rock, and an interpreted "magmatic" origin, the concentration and volume of sulphides will not depend on the degree of fracturing, as was the case in the mined-out open-pit, but on the size of any magmatic source at depth.

Respectively submitted,


John C. Ball, B.Sc. Geology


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Certificate of Qualifications

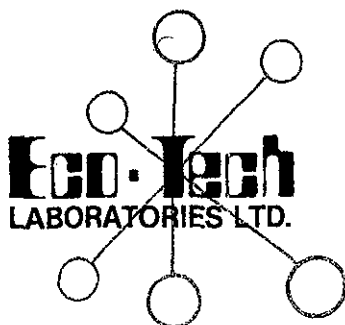
I, the undersigned hereby certify to the following:

- 1. I am a consulting geologist in the Province of British Columbia.**
- 2. I am a graduate B.Sc. Geology major from the University of British Columbia (1981).**
- 3. I have been active in mineral exploration in British Columbia for 36 years.**
- 4. I have personally examined every Legal Corner Post and Corner Post of the claims described in this report.**
- 5. I supervised the Afton 2000 Diamond Drill Program.**
- 6. In year-2000 I examined and logged the drill-core and supervised the sampling of all drill-holes from DDH 2K-1 to DDH 2H-8.**



**John C. Ball, B.Sc.
Consulting Geologist
Delta, B.C.**

APPENDIX I



ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

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Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

DRC RESOURCES CORPORATION

COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-34,42,49,51,52,55,65,72

Project #: Afton Mine

Hole #: AFT-2K-1

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
415-430	16075	0.04	-	-	0.07	0.002	<0.03	<0.001
430-445	16076	0.40	-	-	0.16	0.005	<0.03	<0.001
455-460	16082	0.49	-	-	0.98	0.029	0.88	0.026
445-460	16066	0.79	-	-	1.05	0.031	0.33	0.010
460-470	**	* 6.73	70.0	2.04	8.14	0.237	0.27	0.008
470-480	**	* 0.64	-	-	0.29	0.008	0.03	0.001
515-525	**	* 2.07	-	-	1.68	0.049	0.08	0.002
545-555	**	* 0.88	-	-	0.30	0.009	0.05	0.001
555-565	**	* 0.53	-	-	0.13	0.004	<0.01	<0.001
565-575	**	* 0.93	-	-	1.51	0.044	0.19	0.006
575-580	**	* 1.86	-	-	1.36	0.040	0.08	0.002
580-585	**	* 1.16	-	-	1.00	0.029	0.13	0.004
585-590	**	* 1.75	-	-	2.24	0.065	0.15	0.004
590-595	**	* 0.41	-	-	0.71	0.021	0.13	0.004
595-605	**	* 1.64	-	-	1.05	0.031	0.20	0.006
605-615	**	* 2.70	-	-	0.99	0.029	0.10	0.003
615-625	**	* 2.01	-	-	1.66	0.048	0.11	0.003
625-635	**	* 2.32	-	-	1.11	0.032	0.06	0.002
635-645	**	* 1.61	-	-	0.98	0.029	0.12	0.003
645-655	**	* 2.47	-	-	1.34	0.039	<0.01	<0.001
655-665	**	* 2.44	-	-	0.55	0.016	<0.01	<0.001
665-675	**	* 8.38	-	-	2.40	0.070	0.05	0.001
805-815	16085	* 5.37	-	-	4.22	0.123	0.34	0.010
1039	**	5.00	-	-	-	-	-	-
1046	**	5.30	-	-	-	-	-	-
1175-1185	16087	2.67	-	-	0.27	0.008	<0.03	<0.001
1185-1195	16088	1.49	-	-	1.42	0.041	0.19	0.006
1195-1205	16089	2.20	-	-	1.61	0.047	0.17	0.005
1205-1215	16090	2.16	-	-	0.87	0.025	0.14	0.004
1215-1225	16091	3.50	-	-	1.34	0.039	0.12	0.003


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-34,42,49,51,52,55,65,72

Project #: Afton Mine

Hole #: AFT-2K-1

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1225-1235	16092	4.75	-	-	1.73	0.050	0.27	0.008
1235-1235.2	16086	3.05	-	-	3.70	0.108	<0.03	<0.001
1235-1245	16093	3.22	-	-	1.12	0.033	0.11	0.003
1325-1335	16041	0.16	-	-	0.04	0.001	<0.03	<0.001
1335-1355	16042	0.14	-	-	0.04	0.001	<0.03	<0.001
1355-1375	16043	0.20	-	-	0.06	0.002	<0.03	<0.001

QC DATA:

Resplit:

460-470	**	-	-	-	3.81	0.111	0.25	0.007
1175-1185	16087	2.67	-	-	0.46	0.013	0.04	0.001
1325-1335	16041	0.15	-	-	0.04	0.001	<0.03	<0.001

Repeat:

460-470	**	-	70.0	2.04	5.01	0.146	0.27	0.008
590-595	**	-	-	-	0.51	0.015	0.11	0.003
805-815	16085	-	-	-	3.96	0.115	0.33	0.010
1039	**	5.20	-	-	-	-	-	-
1175-1185	16087	2.64	-	-	0.39	0.011	0.03	0.001
1235-1235.2	16086	-	-	-	2.98	0.087	<0.03	<0.001
1335-1355	16042	0.15	-	-	0.03	0.001	<0.03	<0.001

NOTE: * = Metallic Cu

** = Tag Numbers not provided



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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-34,49,51,52,55,65,72

Project #: Afton Mine

Hole #: AFT-2K-1

Interval	Tag #	Ag (ppm)
415-430	16075	<0.1
430-445	16076	2.5
455-460	16082	3.6
445-460	16066	4.6
460-470	**	>30
470-480	**	2.6
515-525	**	5.0
545-555	**	2.6
555-565	**	0.8
565-575	**	3.6
575-580	**	4.0
580-585	**	3.8
585-590	**	2.9
590-595	**	2.2
595-605	**	4.3
605-615	**	6.5
615-625	**	5.1
625-635	**	10.1
635-645	**	9.4
645-655	**	10.8
655-665	**	11.2
665-675	**	>30
805-815	16085	30.0
1175-1185	16087	5.4
1185-1195	16088	4.5
1195-1205	16089	9.4
1205-1215	16090	6.1
1215-1225	16091	11.5
1225-1235	16092	21.4
1235-1235	16086	29.0
1235-1245	16093	16.7
1325-1335	16041	0.5


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-34,49,51,52,55,65,72

Project #: Afton Mine

Hole #: AFT-2K-1

Interval	Tag #	Ag (ppm)
1335-1355	16042	0.5
1355-1375	16043	1.0

QC DATA:


Resplit:

460-470	**	>30
1175-1185	16087	5.2
1325-1335	16041	0.6

Repeat:

460-470	**	>30
1175-1185	16087	5.2
1235-1235	16086	29.0
1325-1335	16041	0.5

NOTE: ** = Tag Numbers not provided


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000 - 37,39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
455-470	16083	0.04	-	-	<0.03	<0.001	<0.03	<0.001
470-485	16084	0.04	-	-	<0.03	<0.001	<0.03	<0.001
480-495	**	0.16	-	-	0.57	0.017	0.04	0.001
487-495	16065	1.45	-	-	0.39	0.011	0.04	0.001
495-505	**	0.17	-	-	0.37	0.011	0.09	0.003
495-505	16051	*	2.13	-	0.23	0.007	0.03	0.001
505-515	**	0.29	-	-	0.31	0.009	0.15	0.004
505-515	16052	*	1.87	-	0.19	0.006	0.07	0.002
514.8-522	16050	*	1.19	-	0.44	0.013	0.03	0.001
522-535	16049	*	3.16	-	0.20	0.006	<0.03	<0.001
525-535	**	2.66	-	-	0.68	0.020	0.04	0.001
535-545	**	1.02	-	-	0.65	0.019	0.05	0.001
535-545	16053	*	0.68	-	0.12	0.003	0.03	0.001
545-555	16054	*	1.67	-	0.52	0.015	<0.03	<0.001
555-565	16055		1.81	-	0.34	0.010	<0.03	<0.001
565-575	16056		2.85	-	0.98	0.029	<0.03	<0.001
575-585	16057	*	2.50	-	0.45	0.013	<0.03	<0.001
585-595	16058	*	1.32	-	0.22	0.006	<0.03	<0.001
595-605	16059		2.90	-	0.46	0.013	<0.03	<0.001
605-615	16060	*	0.71	-	0.23	0.007	<0.03	<0.001
615-625	16061	*	0.24	-	0.64	0.019	<0.03	<0.001
625-635	16062	*	1.44	-	1.27	0.037	0.03	0.001
635-645	16001		1.34	-	2.11	0.062	0.56	0.016
645-655	16002		0.72	-	0.62	0.018	0.20	0.006
655-665	16003		1.74	-	1.58	0.046	0.20	0.006
665-675	16004		1.36	-	1.39	0.041	0.20	0.006
675-685	16005		1.12	-	0.50	0.015	0.07	0.002
685-695	16006		0.36	-	0.15	0.004	0.07	0.002
695-705	16007		0.34	-	0.66	0.019	0.10	0.003
705-715	16008		1.43	-	0.85	0.025	0.38	0.011
715-725	16009		1.24	-	1.86	0.054	0.36	0.010
725-735	16010		1.66	-	1.57	0.046	0.09	0.003
735-745	16011		2.85	-	1.02	0.030	0.03	0.001


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000 - 37,39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #		Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
745-755	16012		2.63	-	-	0.92	0.027	0.16	0.005
755-765	16013		2.43	-	-	0.47	0.014	0.06	0.002
765-775	16014		2.69	-	-	0.62	0.018	0.04	0.001
768	**	*	2.95	-	-	-	-	-	-
775-785	16015		2.95	-	-	1.20	0.035	0.18	0.005
785-795	16016		3.25	-	-	1.77	0.052	0.08	0.002
791	**	*	2.45	-	-	-	-	-	-
795-805	16017		3.00	-	-	0.98	0.029	0.06	0.002
815-825	16018		1.66	-	-	0.92	0.027	0.04	0.001
825-835	16063		1.05	-	-	0.94	0.027	<0.03	<0.001
835-845	16064		1.82	-	-	0.98	0.029	<0.03	<0.001
845-855	16019		2.85	-	-	1.85	0.054	0.08	0.002
848	**	*	3.55	-	-	-	-	-	-
855-865	16020		2.86	-	-	2.03	0.059	0.03	0.001
865-875	16021		3.95	-	-	2.93	0.085	0.07	0.002
869	**	*	7.20	-	-	-	-	-	-
875-885	16022		2.59	-	-	0.71	0.021	0.03	0.001
876	**	*	6.80	-	-	-	-	-	-
885-895	16023		2.13	-	-	1.04	0.030	0.06	0.002
895-905	16024		2.44	-	-	1.83	0.053	0.07	0.002
905-915	16025		2.60	-	-	1.64	0.048	0.14	0.004
908	**	*	3.40	-	-	-	-	-	-
915-925	16026		3.00	-	-	2.08	0.061	0.23	0.007
916	**	*	3.80	-	-	-	-	-	-
925-935	16027		2.85	-	-	1.26	0.037	0.07	0.002
935-945	16028		2.85	-	-	0.99	0.029	0.08	0.002
931	**	*	4.05	-	-	-	-	-	-
945-955	16029		1.70	-	-	0.48	0.014	0.04	0.001
955-965	16030		1.70	-	-	0.38	0.011	<0.03	<0.001
965-975	16031		2.75	-	-	0.75	0.022	<0.03	<0.001
975-985	16032		3.95	-	-	2.93	0.085	0.22	0.006
985-995	16033		3.40	-	-	0.65	0.019	<0.03	<0.001
995-1005	16034		2.54	-	-	0.55	0.016	<0.03	<0.001
1005-1015	16035		2.63	-	-	0.57	0.017	<0.03	<0.001
1015-1025	16036		2.85	-	-	0.80	0.023	<0.03	<0.001
1025-1035	16037		2.80	-	-	0.55	0.016	0.04	0.001
1035-1045	16038		4.00	-	-	1.05	0.031	0.07	0.002
1045-1055	16067		4.20	-	-	1.70	0.050	0.08	0.002
1055-1065	16068		4.81	-	-	1.27	0.037	0.04	0.001
1065-1075	16069		4.70	-	-	2.47	0.072	<0.03	<0.001
1075-1085	16070		4.78	-	-	1.32	0.038	0.12	0.003
1085-1095	16071		1.45	-	-	0.47	0.014	0.07	0.002

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000 - 37,39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1095-1105	16072	2.38	-	-	1.25	0.036	0.07	0.002
1105-1115	16073	1.45	-	-	0.78	0.023	0.08	0.002
1115-1125	16074	2.16	-	-	1.04	0.030	0.05	0.001
1125-1135	16077	1.40	-	-	0.97	0.028	0.04	0.001
1135-1145	16078	1.09	-	-	0.65	0.019	0.10	0.003
1145-1155	16079	4.19	-	-	2.87	0.084	0.17	0.005
1155-1165	16080	0.08	-	-	<0.03	<0.001	<0.03	<0.001
1165-1175	16081	2.30	-	-	0.38	0.011	0.04	0.001
1231-1321.4	16094	9.10	40.6	1.18	8.50	0.248	0.51	0.015
1235-1235.2	16086	3.05	-	-	3.70	0.108	<0.03	<0.001
1244-1255	16095	4.40	-	-	2.42	0.071	0.31	0.009
1255-1265	16096	0.34	-	-	0.32	0.009	0.03	0.001
1265-1275	16097	0.11	-	-	0.03	0.001	0.03	0.001
1275-1285	16098	0.14	-	-	<0.03	<0.001	<0.03	<0.001
1285-1295	16099	0.07	-	-	<0.03	<0.001	<0.03	<0.001
1295-1305	16100	0.06	-	-	<0.03	<0.001	<0.03	<0.001
1305-1315	16039	0.08	-	-	<0.03	<0.001	<0.03	<0.001
1315-1325	16040	1.34	-	-	<0.03	<0.001	<0.03	<0.001

QC DATA:

Resplit:

480-495	**	0.16	-	-	0.22	0.006	0.04	0.001
487-495	16065	1.63	-	-	0.30	0.009	0.03	0.001
495-505	16051	-	-	-	0.20	0.006	<0.03	<0.001
635-645	16001	1.21	-	-	1.72	0.050	0.68	0.020
735-745	16011	2.90	-	-	0.97	0.028	<0.03	<0.001
522-535	16049	-	-	-	0.16	0.005	<0.03	<0.001
555-565	16055	1.82	-	-	0.34	0.010	<0.03	<0.001
1115-1125	16074	2.26	-	-	0.92	0.027	0.03	0.001
1244-1255	16095	4.42	-	-	2.44	0.071	0.31	0.009
1315-1325	16040	-	-	-	<0.03	<0.001	<0.03	<0.001

Repeat:

480-495	**	0.18	-	-	0.35	0.010	0.05	0.001
487-495	16065	1.48	-	-	0.31	0.009	0.03	0.001
495-505	16051	2.14	-	-	0.18	0.005	<0.03	<0.001
635-645	16001	1.30	-	-	1.67	0.049	0.57	0.017
735-745	16011	2.60	-	-	0.98	0.029	0.04	0.001
855-865	16020	2.85	-	-	2.06	0.060	0.04	0.001
945-955	16029	1.69	-	-	0.41	0.012	0.03	0.001
522-535	16049	-	-	-	0.19	0.006	<0.03	<0.001
555-565	16055	1.81	-	-	0.31	0.009	<0.03	<0.001
1115-1125	16074	2.18	-	-	0.95	0.028	0.04	0.001
1244-1255	16095	4.40	-	-	-	-	-	-

NOTE: * = Metallic Cu

** = Tag Numbers Not Provided

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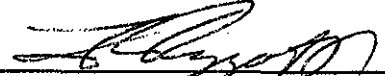
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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #	Ag (ppm)
455-460	16082	3.6
455-470	16083	<0.1
470-485	16084	<0.1
480-495	**	1.4
487-495	16065	2.5
495-505	**	0.8
495-505	16051	6.0
505-515	**	1.2
505-515	16052	3.5
514.8-522	16050	1.6
522-535	16049	6.5
525-535	**	6.2
535-545	**	2.3
535-545	16053	2.0
545-555	16054	4.0
555-565	16055	7.2
565-575	16056	18.1
575-585	16057	11.1
585-595	16058	4.3
595-605	16059	8.2
605-615	16060	1.8
615-625	16061	0.2
625-635	16062	1.8
635-645	16001	4.2
645-655	16002	1.3
655-665	16003	4.9
665-675	16004	5.4
675-685	16005	2.8
685-695	16006	6.1
695-705	16007	0.6
705-715	16008	4.7
715-725	16009	7.6
725-735	16010	6.9
735-745	16011	11.3
745-755	16012	11.6


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #	Ag (ppm)
755-765	16013	10.9
765-775	16014	10.5
775-785	16015	13.2
785-795	16016	12.6
795-805	16017	9.5
815-825	16018	5.5
825-835	16063	3.7
835-845	16064	8.2
845-855	16019	12.6
855-865	16020	18.3
865-875	16021	17.1
875-885	16022	5.3
885-895	16023	8.9
895-905	16024	13.9
905-915	16025	11.5
915-925	16026	12.3
925-935	16027	11.8
935-945	16028	8.5
945-955	16029	3.7
955-965	16030	14.8
965-975	16031	8.5
975-985	16032	18.6
985-995	16033	7.8
995-1005	16034	11.8
1005-1015	16035	12.9
1015-1025	16036	10.7
1025-1035	16037	12.2
1035-1045	16038	14.5
1045-1055	16067	10.7
1055-1065	16068	9.7
1065-1075	16069	11.4
1075-1085	16070	16.6
1085-1095	16071	4.5
1095-1105	16072	9.1
1105-1115	16073	4.5
1115-1125	16074	4.6
1125-1135	16077	6.9
1135-1145	16078	2.9
1145-1155	16079	21.2
1155-1165	16080	<0.1
1165-1175	16081	4.5
1231-1231.4	16094	>30
1235-1235.2	16086	29
1244-1255	16095	18.6

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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 39,40,44,45,46,47,49,51,52,57,58

Project #: Afton Mine

Hole #: AFT-2K-2

Interval	Tag #	Ag (ppm)
1255-1265	16096	2.1
1265-1275	16097	<0.1
1275-1285	16098	<0.1
1285-1295	16099	<0.1
1295-1305	16100	<0.1
1305-1315	16039	<0.1
1315-1325	16040	0.7

QC DATA:

Resplit:

480-495	**	0.7
487-495	16065	3.3
495-505	16051	5.8
635-645	16001	3.2
735-745	16011	11.1
522-535	16049	6.9
555-565	16055	7.2
1115-1125	16074	5.0
1244-1255	16095	16.8
1315-1325	16040	0.7

Repeat:

480-495	**	0.5
487-495	16065	2.4
495-505	16051	6.4
635-645	16001	3.8
735-745	16011	11.3
855-865	16020	18.5
522-535	16049	6.9
555-565	16055	7.2
1115-1125	16074	4.7
1235-1235.2	16086	29.0
1244-1255	16095	18.6
1315-1325	16040	0.7

NOTE: ** = Tag Numbers Not Provided


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 83;84;89;93

Project #: Afton Mine

Hole #: AFT-2K-3

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
350-370	16101	0.15	-	-	0.01	<0.001	<0.01	<0.001	-	-	-	-
370-390	16102	0.12	-	-	0.03	0.001	<0.01	<0.001	-	-	-	-
390-400	16103	2.75	37.7	1.10	1.57	0.046	0.04	0.001	-	-	-	-
400-410	16104	2.43	-	-	1.01	0.029	0.07	0.002	-	-	-	-
410-410	16105	1.30	-	-	1.04	0.030	0.06	0.002	-	-	-	-
420-430	16106	1.74	-	-	1.21	0.035	0.12	0.003	-	-	-	-
430-440	16107	1.72	-	-	0.67	0.020	0.20	0.006	<0.01	<0.001	<0.01	<0.001
440-450	16108	1.69	-	-	1.59	0.046	0.03	0.001	-	-	-	-
450-460	16109	0.80	-	-	0.32	0.009	0.02	0.001	-	-	-	-
460-470	16110	2.70	-	-	0.63	0.018	0.02	0.001	-	-	-	-
470-480	16111	2.55	-	-	0.39	0.011	0.01	<0.001	-	-	-	-
480-490	16112	0.86	-	-	0.23	0.007	0.03	0.001	-	-	-	-
490-500	16113	2.44	-	-	0.51	0.015	0.03	0.001	-	-	-	-
500-510	16114	3.13	-	-	1.21	0.035	0.05	0.001	-	-	-	-
510-520	16115	2.09	-	-	4.37	0.127	0.61	0.018	<0.01	<0.001	<0.01	<0.001
520-530	16116	1.62	-	-	1.03	0.030	0.20	0.006	<0.01	<0.001	<0.01	<0.001
530-540	16117	2.75	-	-	1.43	0.042	0.15	0.004	-	-	-	-
540-550	16118	1.22	-	-	0.79	0.023	0.11	0.003	-	-	-	-
550-560	16119	0.23	-	-	0.02	0.001	0.02	0.001	-	-	-	-
560-570	16120	0.18	-	-	0.03	0.001	0.05	0.001	-	-	-	-
570-580	16121	2.02	-	-	0.64	0.019	0.08	0.002	-	-	-	-
580-590	16122	3.51	-	-	1.02	0.030	0.15	0.004	-	-	-	-
590-600	16123	1.28	-	-	1.14	0.033	0.10	0.003	-	-	-	-
600-610	16124	3.43	-	-	0.70	0.020	0.02	0.001	-	-	-	-
610-620	16125	4.89	-	-	0.91	0.027	0.04	0.001	-	-	-	-
620-630	16126	3.70	-	-	0.96	0.028	0.04	0.001	-	-	-	-
630-640	16127	2.23	-	-	0.60	0.017	0.11	0.003	-	-	-	-
640-650	16128	3.03	-	-	0.96	0.028	0.13	0.004	-	-	-	-
650-660	16129	2.64	-	-	2.82	0.082	0.14	0.004	-	-	-	-
660-670	16130	1.58	-	-	1.33	0.039	0.33	0.010	-	-	<0.01	<0.001
670-680	16131	1.21	-	-	0.23	0.007	<0.01	<0.001	-	-	-	-
680-690	16132	1.10	-	-	0.15	0.004	<0.01	<0.001	-	-	-	-
690-700	16133	1.43	-	-	0.26	0.008	<0.01	<0.001	-	-	-	-
700-710	16134	2.00	-	-	0.14	0.004	<0.01	<0.001	-	-	-	-


ECO-TECH LABORATORIES LTD.

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 83;84;89;93

Project #: Afton Mine

Hole #: AFT-2K-3

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
710-720	16135	2.30	-	-	0.56	0.016	0.02	0.001	-	-	-	-
720-730	16136	3.16	-	-	4.21	0.123	0.42	0.012	<0.01	<0.001	<0.01	<0.001
730-740	16137	3.35	-	-	1.76	0.051	0.22	0.006	<0.01	<0.001	<0.01	<0.001
740-750	16138	3.59	-	-	1.31	0.038	0.09	0.003	-	-	-	-
750-760	16139	3.33	-	-	1.06	0.031	0.04	0.001	-	-	-	-
760-770	16140	3.28	-	-	1.35	0.039	0.15	0.004	-	-	-	-
770-780	16141	4.20	-	-	2.86	0.083	0.20	0.006	<0.01	<0.001	<0.01	<0.001
780-790	16142	2.59	-	-	1.45	0.042	0.09	0.003	-	-	-	-
790-800	16143	4.36	-	-	3.70	0.108	0.52	0.015	-	-	<0.01	<0.001
800-810	16144	4.80	-	-	2.45	0.071	0.08	0.002	-	-	-	-
810-820	16145	5.42	-	-	2.36	0.069	0.14	0.004	-	-	-	-
820-830	16146	3.65	-	-	1.98	0.058	0.02	0.001	-	-	-	-
830-840	16147	4.84	-	-	1.56	0.045	0.11	0.003	-	-	-	-
840-850	16148	5.26	-	-	2.25	0.066	0.03	0.001	-	-	-	-
850-860	16149	3.65	-	-	1.23	0.036	<0.01	<0.001	-	-	-	-
860-870	16150	1.80	-	-	0.34	0.01	<0.01	<0.001	-	-	-	-
870-880	16151	2.30	-	-	0.44	0.013	0.03	0.001	-	-	-	-
880-890	16152	2.16	-	-	0.64	0.019	0.02	0.001	-	-	-	-
890-900	16153	1.65	-	-	0.44	0.013	0.02	0.001	-	-	-	-
900-910	16154	1.96	-	-	0.38	0.011	0.02	0.001	-	-	-	-
910-920	16155	2.26	-	-	0.27	0.008	0.02	0.001	-	-	-	-
920-930	16156	2.11	-	-	1.15	0.034	0.04	0.001	-	-	-	-
930-940	16157	3.50	-	-	0.75	0.022	0.03	0.001	-	-	-	-
940-950	16158	5.30	-	-	0.96	0.028	0.04	0.001	-	-	-	-
950-960	16159	4.65	-	-	0.91	0.027	0.02	0.001	-	-	-	-
960-970	16160	2.40	-	-	0.91	0.027	0.15	0.004	-	-	-	-
970-980	16161	3.38	-	-	1.38	0.04	0.18	0.005	-	-	-	-
980-990	16162	2.02	-	-	0.97	0.028	0.11	0.003	-	-	-	-
990-1000	16163	2.91	-	-	2.59	0.076	0.22	0.006	<0.01	<0.001	<0.01	<0.001
1000-1010	16164	1.34	-	-	1.11	0.032	0.12	0.003	-	-	-	-
1010-1020	16165	1.56	-	-	1.28	0.037	0.09	0.003	-	-	-	-
1020-1030	16166	1.66	-	-	0.64	0.019	0.09	0.003	-	-	-	-
1030-1040	16167	2.09	-	-	4.14	0.121	0.11	0.003	-	-	-	-
1040-1050	16168	2.10	-	-	1.71	0.05	0.1	0.003	-	-	-	-
1050-1060	16169	1.25	-	-	1.16	0.034	0.08	0.002	-	-	-	-
1060-1070	16170	0.66	-	-	0.11	0.003	0.02	0.001	-	-	-	-
1070-1080	16171	2.67	-	-	0.50	0.015	0.05	0.001	-	-	-	-
1080-1090	16172	2.67	-	-	0.88	0.026	0.06	0.002	-	-	-	-
1090-1100	16173	1.79	-	-	0.53	0.015	0.08	0.002	-	-	-	-
1100-1110	16174	2.19	-	-	1.03	0.03	0.07	0.002	-	-	-	-
1110-1120	16175	1.57	-	-	0.40	0.012	0.06	0.002	-	-	-	-

ECO-TECH LABORATORIES LTD.

Frank J. Pezzotti A.Sc.T.


B.C. Certified Assayer

COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 83;84;89;93

Project #: Afton Mine

Hole #: AFT-2K-3

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
1120-1130	16176	3.07	-	-	0.73	0.021	0.06	0.002	-	-	-	-
1130-1140	16177	1.38	-	-	0.27	0.008	0.02	0.001	-	-	-	-
1140-1150	16178	2.45	-	-	1.08	0.031	0.1	0.003	-	-	-	-
1150-1160	16179	1.36	-	-	0.49	0.014	0.02	0.001	-	-	-	-
1160-1170	16180	2.05	-	-	0.62	0.018	0.08	0.002	-	-	-	-
1170-1180	16181	0.65	-	-	0.45	0.013	0.06	0.002	-	-	-	-
1180-1190	16182	0.76	-	-	0.29	0.008	0.04	0.001	-	-	-	-
1190-1200	16183	0.59	-	-	0.08	0.002	0.01	0.001	-	-	-	-
1200-1210	16184	1.26	-	-	0.49	0.014	0.02	0.001	-	-	-	-
1210-1220	16185	1.82	-	-	0.80	0.023	0.11	0.003	-	-	-	-
1220-1230	16186	1.29	-	-	0.29	0.008	0.02	0.001	-	-	-	-
1230-1240	16187	0.93	-	-	0.60	0.017	0.07	0.002	-	-	-	-
1240-1250	16188	0.43	-	-	0.10	0.003	0.03	0.001	-	-	-	-
1250-1260	16189	*	0.11	-	0.04	0.001	<0.01	<0.001	-	-	-	-
1260-1270	16190	*	0.13	-	0.26	0.008	0.01	<0.001	-	-	-	-
1270-1280	16191	*	0.15	-	0.14	0.004	<0.01	<0.001	-	-	-	-
1280-1290	16192	*	0.14	-	0.19	0.006	<0.01	<0.001	-	-	-	-
1290-1300	16193	*	0.11	-	0.12	0.003	<0.01	<0.001	-	-	-	-
1300-1310	16194	*	0.15	-	0.38	0.011	<0.01	<0.001	-	-	-	-
1310-1320	16195	*	0.09	-	0.29	0.008	0.14	0.004	-	-	-	-
1320-1330	16196	*	0.05	-	1.62	0.047	0.01	0.001	-	-	-	-
1330-1340	16197	*	0.07	-	0.09	0.003	<0.01	<0.001	-	-	-	-
1340-1350	16198	*	0.05	-	0.19	0.006	<0.01	<0.001	-	-	-	-
3130010	16200		0.28	-	0.03	0.001	<0.01	<0.001	-	-	-	-
1360-1380	16201		0.11	-	0.12	0.003	<0.01	<0.001	-	-	-	-
1380-1400	16202		0.14	-	0.09	0.003	<0.01	<0.001	-	-	-	-


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 83;84;89;93

Project #: Afton Mine

Hole #: AFT-2K-3

Interval	Tag #	Cu (%)	Ag (g/t)	Ag (oz/t)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
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RESPLITS

350-370	16101	0.16	-	-	0.01	<0.001	<0.01	<0.001	-	-	-	-
410-410	16105	-	-	-	1.03	0.030	0.08	0.002	-	-	-	-
990-1000	16163	2.92	-	-	2.26	0.066	0.21	0.006	<0.01	<0.001	<0.01	<0.001
1150-1160	16179	1.38	-	-	0.39	0.011	0.02	0.001	-	-	-	-

REPEAT

350-370	16101	0.15	-	-	-	-	-	-	-	-	-	-
410-410	16105	*	-	-	1.02	0.03	0.06	0.002	-	-	-	-
500-510	16114	*	-	-	0.98	0.029	0.05	0.001	-	-	-	-
590-600	16123	*	-	-	0.90	0.026	0.12	0.003	-	-	-	-
680-690	16132	-	-	-	0.15	0.004	<0.01	<0.001	-	-	-	-
720-730	16136	2.94	-	-	-	-	-	-	-	-	-	-
770-780	16141	-	-	-	2.71	0.079	0.20	0.006	<0.01	<0.001	<0.01	<0.001
820-830	16146	3.70	-	-	-	-	-	-	-	-	-	-
870-880	16151	-	-	-	0.40	0.012	0.02	0.001	-	-	-	-
990-1000	16163	2.90	-	-	-	-	-	-	-	-	-	-
1040-1050	16168	-	-	-	0.94	0.027	0.11	0.003	-	-	-	-
1080-1090	16172	2.65	-	-	-	-	-	-	-	-	-	-
1150-1160	16179	1.36	-	-	-	-	-	-	-	-	-	-
1240-1250	16188	0.43	-	-	-	-	-	-	-	-	-	-
3130010	16200	-	-	-	0.03	0.001	<0.01	<0.001	-	-	-	-

NOTE: * = Cu Metallic Assay


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 83;84;89;93

Project #: Afton Mine

Hole #: AFT-2K-3

Interval	Tag #	Ag (ppm)
350-370	16101	<0.1
370-390	16102	<0.1
390-400	16103	>30
400-410	16104	22.3
410-410	16105	6.0
420-430	16106	4.4
430-440	16107	7.4
440-450	16108	9.0
450-460	16109	8.4
460-470	16110	11.5
470-480	16111	10.0
480-490	16112	2.8
490-500	16113	6.3
500-510	16114	11.9
510-520	16115	10.7
520-530	16116	4.1
530-540	16117	9.5
540-550	16118	7.4
550-560	16119	1.4
560-570	16120	0.6
570-580	16121	11.2
580-590	16122	10.6
590-600	16123	5.5
600-610	16124	12.1
610-620	16125	18.2
620-630	16126	13.5
630-640	16127	6.3
640-650	16128	6.9
650-660	16129	8.8
660-670	16130	8.0
670-680	16131	3.2
680-690	16132	0.9
690-700	16133	1.7
700-710	16134	3.9
710-720	16135	7.8
720-730	16136	15.3
730-740	16137	13.7
740-750	16138	18.2
750-760	16139	9.7
760-770	16140	13.4


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 83;84;89;93**Project #: Afton Mine****Hole #: AFT-2K-3**

Interval	Tag #	Ag (ppm)
770-780	16141	20.3
780-790	16142	9.9
790-800	16143	16.5
800-810	16144	18.3
810-820	16145	21.5
820-830	16146	19.1
830-840	16147	22.6
840-850	16148	26.8
850-860	16149	19.4
860-870	16150	5.8
870-880	16151	6.5
880-890	16152	5.9
890-900	16153	10.8
900-910	16154	5.2
910-920	16155	3.3
920-930	16156	2.6
930-940	16157	7.2
940-950	16158	11.4
950-960	16159	9.8
960-970	16160	6.0
970-980	16161	13.0
980-990	16162	6.5
990-1000	16163	6.1
1000-1010	16164	4.3
1010-1020	16165	5.1
1020-1030	16166	4.6
1030-1040	16167	9.0
1040-1050	16168	10.1
1050-1060	16169	6.4
1060-1070	16170	2.2
1070-1080	16171	7.2
1080-1090	16172	9.1
1090-1100	16173	4.9
1100-1110	16174	4.8
1110-1120	16175	3.1
1120-1130	16176	6.9
1130-1140	16177	6.3
1140-1150	16178	7.3
1150-1160	16179	8.5
1160-1170	16180	8.7
1170-1180	16181	5.7
1180-1190	16182	5.3
1190-1200	16183	3.1
1200-1210	16184	1.9
1210-1220	16185	9.9
1220-1230	16186	6.7


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 83;84;89;93**Project #: Afton Mine****Hole #: AFT-2K-3**


Interval	Tag #	Ag (ppm)
1230-1240	16187	5.0
1240-1250	16188	2.3
1250-1260	16189	<0.1
1260-1270	16190	0.3
1270-1280	16191	<0.1
1280-1290	16192	<0.1
1290-1300	16193	<0.1
1300-1310	16194	0.2
1310-1320	16195	0.3
1320-1330	16196	0.3
1330-1340	16197	0.2
1340-1350	16198	<0.1
3130010	16200	-
1360-1380	16201	0.4
1380-1400	16202	0.1

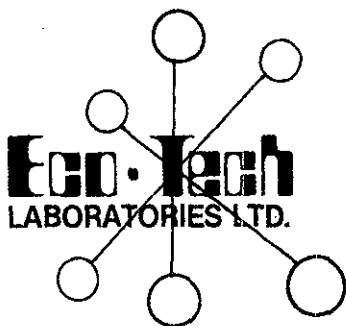
RESPLITS

350-370	16101	<0.1
410-410	16105	7.2
990-1000	16163	6.4
1150-1160	16179	7.4

REPEAT

350-370	16101	<0.1
410-410	16105	5.8
500-510	16114	12.0
590-600	16123	5.0
720-730	16136	15.3
820-830	16146	19.9
990-1000	16163	6.0
1080-1090	16172	9.4
1150-1160	16179	8.4
1240-1250	16188	2.4


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	
350-370	16203	0.06	0.03	0.001	<0.01	<0.001	
370-380	16204	0.12	0.10	0.003	<0.01	<0.001	
380-390	16205	3.67	4.83	0.141	1.06	0.031	
390-400	16206	0.38	0.32	0.009	0.18	0.005	
400-410	16207	0.94	0.36	0.010	0.16	0.005	
410-420	16208	2.96	1.28	0.037	0.11	0.003	
420-430	16209	2.84	0.71	0.021	0.05	0.001	
430-440	16210	3.33	0.54	0.016	0.03	0.001	
440-450	16211	1.09	0.30	0.009	0.02	0.001	
450-460	16212	2.35	0.86	0.025	0.06	0.002	
460-470	16213	3.15	0.51	0.015	0.05	0.001	
470-480	16214	3.23	0.31	0.009	0.03	0.001	
480-490	16215	2.58	0.46	0.013	0.04	0.001	
490-500	16216	2.08	0.26	0.008	0.03	0.001	
500-510	16217	3.45	0.47	0.014	0.10	0.003	
510-520	16218	*	3.28	1.60	0.047	0.14	0.004
520-530	16219	*	1.27	0.59	0.017	0.08	0.002
530-540	16220	*	0.55	0.74	0.022	0.05	0.001
540-550	16221	*	1.07	0.71	0.021	0.42	0.012
550-560	16222		1.54	0.33	0.010	0.02	0.001
560-570	16223		0.80	0.40	0.012	<0.01	<0.001
570-580	16224		0.22	0.32	0.009	0.04	0.001
580-590	16225		0.05	1.05	0.031	0.06	0.002
590-600	16226		1.14	0.40	0.012	<0.10	<0.003
600-610	16227		2.24	0.46	0.013	0.01	<0.001
610-620	16228		2.95	0.56	0.016	<0.01	<0.001
620-630	16229		1.98	0.30	0.009	<0.01	<0.001
630-640	16230		1.38	0.22	0.006	<0.01	<0.001
640-650	16231		2.01	0.63	0.018	0.10	0.003
650-660	16232	*	0.86	0.23	0.007	0.01	<0.001
660-670	16233	*	1.57	0.16	0.005	<0.01	<0.001
670-680	16234	*	1.09	0.11	0.003	<0.01	<0.001
680-690	16235	*	0.54	0.12	0.003	<0.01	<0.001
690-700	16236	*	2.34	0.85	0.025	0.06	0.002
700-710	16237	*	0.55	0.28	0.008	0.04	0.001
710-720	16238	*	0.62	0.11	0.003	0.01	<0.001
720-730	16239	*	1.80	0.89	0.026	0.15	0.004
730-740	16240	*	2.54	0.91	0.027	0.07	0.002


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #		Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
740-750	16241	*	2.63	0.60	0.017	0.05	0.001
750-760	16242	*	3.71	1.22	0.036	0.10	0.003
760-770	16243	*	5.81	1.45	0.042	0.03	0.001
770-780	16244	*	5.40	2.13	0.062	0.13	0.004
780-790	16245	*	4.46	1.18	0.034	0.07	0.002
790-800	16246		3.62	1.19	0.035	0.18	0.005
800-810	16247		1.17	0.17	0.005	0.02	0.001
810-820	16248		2.25	0.25	0.007	0.02	0.001
820-830	16249		2.39	0.18	0.005	<0.01	<0.001
830-840	16250		2.09	0.16	0.005	<0.01	<0.001
840-850	17251		1.80	0.13	0.004	0.02	0.001
850-860	17252		1.97	0.28	0.008	0.01	0.000
860-870	17253		4.32	0.73	0.021	0.03	0.001
870-880	17254		5.25	1.52	0.044	0.16	0.005
880-890	17255		3.49	2.10	0.061	0.16	0.005
890-900	17256		3.06	1.70	0.050	0.15	0.004
900-910	17257		2.69	1.33	0.039	0.29	0.008
910-920	17258		2.13	0.23	0.007	0.01	<0.001
920-930	17259		1.79	0.35	0.010	<0.01	<0.001
930-940	17260		1.38	0.63	0.018	0.02	0.001
940-950	17261		1.41	1.06	0.031	0.08	0.002
950-960	17262		1.16	1.04	0.030	0.05	0.001
960-970	17263		2.16	3.18	0.093	0.16	0.005
970-980	17264		0.79	0.39	0.011	0.04	0.001
980-990	17265		1.12	0.36	0.010	0.04	0.001
990-1000	17266		4.34	0.51	0.015	0.06	0.002
1000-1010	17267		1.86	0.37	0.011	0.06	0.002
1010-1020	17268		1.64	0.82	0.024	0.14	0.004
1020-1030	17269		1.32	0.69	0.020	0.15	0.004
1030-1040	17270		2.18	0.72	0.021	0.08	0.002
1040-1050	17271		1.76	0.90	0.026	0.12	0.003
1050-1060	17272		1.52	0.64	0.019	0.06	0.002
1060-1070	17273		3.84	0.94	0.027	0.01	<0.001
1070-1080	17274		2.83	0.78	0.023	<0.01	<0.001
1080-1090	17275		2.94	0.53	0.015	0.03	0.001
1090-1100	17276		4.16	0.57	0.017	0.02	0.001
1100-1110	17277		3.96	1.01	0.029	0.05	0.001
1110-1120	17278		2.47	1.16	0.034	0.16	0.005
1120-1130	17279		1.55	1.17	0.034	0.18	0.005
1130-1140	17280		0.94	0.67	0.020	0.17	0.005
1140-1150	17281		1.85	0.36	0.010	0.03	0.001
1150-1160	17282		1.29	0.64	0.019	0.06	0.002
1160-1170	17283		1.76	0.57	0.017	0.03	0.001

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1170-1180	17284	1.65	1.37	0.040	0.13	0.004
1180-1190	17285	3.14	1.48	0.043	0.10	0.003
1190-1200	17286 *	2.33	0.55	0.016	0.04	0.001
1200-1210	17287 *	0.22	0.27	0.008	0.04	0.001
1210-1220	17288 *	0.07	0.29	0.008	0.04	0.001
1220-1230	17289 *	0.12	0.13	0.004	0.04	0.001
1200-1240	17290 *	0.09	0.31	0.009	0.05	0.001
1240-1250	17291 *	0.24	0.14	0.004	0.06	0.002
1250-1260	17292 *	0.03	0.17	0.005	0.01	0.000
1200-1270	17293 *	0.06	0.07	0.002	0.03	0.001
1200-1280	17294 *	0.15	0.05	0.001	0.03	0.001
1200-1290	17295 *	0.03	0.11	0.001	0.03	0.001
1290-1300	17296 *	0.12	0.06	0.003	0.03	0.001
1300-1310	17297 *	0.05	0.32	0.002	0.14	0.004
1310-1320	17298 *	0.08	0.11	0.009	0.05	0.001
1320-1330	17299 *	0.13	0.48	0.003	0.06	0.002
1330-1340	17300 *	0.09	0.12	0.003	0.02	0.001
	17306	0.12	0.03	0.001	0.03	<0.01
	17308	0.16	0.02	0.001	0.03	<0.01

Resplit:

350-370	16203	0.07	0.03	0.001	<0.01	<0.001
710-720	16238	0.66	0.12	0.003	0.01	<0.001
840-850	17251	1.74	0.23	0.007	0.01	<0.001
1190-1200	17286	-	<0.01	<0.001	0.05	0.001

Repeat:

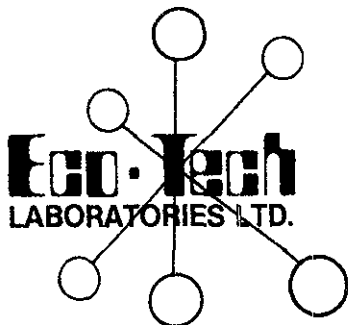
350-370	16203	0.06	0.03	0.001	<0.01	<0.001
450-460	16212	2.37	0.56	0.016	0.05	0.001
540-550	16221	-	0.89	0.026	0.48	0.014
710-720	16238	-	0.14	0.004	0.02	0.001
800-810	16247	-	0.24	0.007	0.01	0.000
840-850	17251	1.79	0.15	0.004	<0.01	<0.001
940-950	17261	1.40	1.13	0.033	0.07	0.002
1020-1030	17269	1.33	-	-	-	-
1040-1050	17271	1.33	0.99	0.029	0.08	0.002
1140-1150	17281	-	0.62	0.018	0.08	0.002

NOTE: * = Metallic Cu Assay

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email: ecotech@direct.ca

COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #	Ag (ppm)
350-370	16203	<0.03
370-380	16204	<0.03
380-390	16205	17.6
390-400	16206	1.5
400-410	16207	0.9
410-420	16208	8.9
420-430	16209	7.7
430-440	16210	8.1
440-450	16211	6.2
450-460	16212	8.1
460-470	16213	10.2
470-480	16214	8.1
480-490	16215	7.0
490-500	16216	6.3
500-510	16217	11.9
510-520	16218	10.2
520-530	16219	6.9
530-540	16220	3.6
540-550	16221	9.6
550-560	16222	7.0
560-570	16223	2.6
570-580	16224	0.4
580-590	16225	<0.3
590-600	16226	3.8
600-610	16227	6.9
610-620	16228	7.7
620-630	16229	4.0
630-640	16230	4.3
640-650	16231	11.0
650-660	16232	0.4
660-670	16233	<0.3
670-680	16234	<0.3
680-690	16235	<0.3
690-700	16236	1.2
700-710	16237	<0.3
710-720	16238	0.4
720-730	16239	2.4
730-740	16240	11.1
740-750	16241	8.4


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #	Ag (ppm)
750-760	16242	17.0
760-770	16243	25.4
770-780	16244	31.2
780-790	16245	14.6
790-800	16246	16.5
800-810	16247	4.1
810-820	16248	5.3
820-830	16249	4.8
830-840	16250	3.9
840-850	17251	2.4
850-860	17252	5.0
860-870	17253	12.7
870-880	17254	15.0
880-890	17255	8.2
890-900	17256	6.5
900-910	17257	6.5
910-920	17258	5.4
920-930	17259	5.1
930-940	17260	12.4
940-950	17261	12.4
950-960	17262	10.9
960-970	17263	14.5
970-980	17264	2.3
980-990	17265	9.4
990-1000	17266	11.2
1000-1010	17267	2.2
1010-1020	17268	3.3
1020-1030	17269	2.5
1030-1040	17270	4.7
1040-1050	17271	5.3
1050-1060	17272	5.2
1060-1070	17273	14.2
1070-1080	17274	5.9
1080-1090	17275	13.4
1090-1100	17276	12.8
1100-1110	17277	23.6
1110-1120	17278	7.9
1120-1130	17279	1.9
1130-1140	17280	0.6
1140-1150	17281	2.6
1150-1160	17282	5.5
1160-1170	17283	3.9
1170-1180	17284	10.3


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 97/110/107

Project #: Afton Mine

Hole #: AFT-2K-4

Interval	Tag #	Ag (ppm)
1180-1190	17285	24.5
1190-1200	17286	12.3
1200-1210	17287	0.2
1210-1220	17288	<0.1
1220-1230	17289	<0.1
1200-1240	17290	<0.1
1240-1250	17291	<0.1
1250-1260	17292	<0.1
1200-1270	17293	<0.1
1200-1280	17294	<0.1
1200-1290	17295	<0.1
1290-1300	17296	<0.1
1300-1310	17297	<0.1
1310-1320	17298	<0.1
1320-1330	17299	<0.1
1330-1340	17300	<0.1
	17306	<0.2
	17308	0.4

Resplit:

350-370	16203	<0.3
840-850	17251	2.5

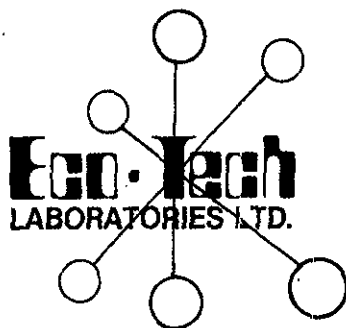
Repeat:

350-370	16203	<0.3
450-460	16212	7.9
540-550	16221	9.4
710-720	16238	0.7
840-850	17251	2.4
930-940	17260	12.8
1020-1030	17269	2.4
1090-1100	17276	12.8
1180-1190	17285	24.2
1200-1280	17294	<0.1


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email: ecotech@direct.ca

COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 154/184/199

Project #: Afton Mine

Hole #: AFT-2K-5

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
400-410	17551	0.07	0.06	0.002	<0.01	<0.001
410-420	17552	0.15	0.15	0.004	<0.01	<0.001
420-430	17467	0.04	0.06	0.002	0.01	0.000
430-440	17468	0.57	0.47	0.014	0.13	0.004
440-460	17309	1.30	3.19	0.093	0.63	0.018
460-480	17310	1.89	2.58	0.075	0.05	0.001
480-500	17311	2.10	1.52	0.044	0.14	0.004
500-520	17312	1.46	0.86	0.025	0.09	0.003
520-540	17313	4.78	2.64	0.077	0.13	0.004
540-560	17314	0.56	0.90	0.026	0.33	0.010
560-580	17315	2.08	0.59	0.017	0.08	0.002
580-600	17316 *	0.46	0.20	0.006	0.02	0.001
600-610	17317 *	0.93	2.24	0.065	0.18	0.005
610-620	17318 *	0.13	0.11	0.003	0.03	0.001
620-630	17319 *	0.32	0.40	0.012	0.22	0.006
630-640	17320 *	0.66	0.59	0.017	0.13	0.004
640-650	17321 *	1.19	0.80	0.023	0.13	0.004
650-660	17322 *	0.81	0.40	0.012	0.04	0.001
660-670	17323 *	0.21	0.32	0.009	0.04	0.001
670-680	17324 *	2.36	1.34	0.039	0.08	0.002
680-690	17325 *	3.15	1.41	0.041	0.07	0.002
690-700	17326 *	1.96	1.29	0.038	0.11	0.003
700-710	17327 *	1.81	2.21	0.064	0.22	0.006
710-720	17328 *	4.30	2.73	0.080	0.27	0.008
720-730	17329 *	3.30	2.10	0.061	0.13	0.004
730-740	17330 *	2.87	2.28	0.066	0.32	0.009
740-750	17331	3.41	4.53	0.132	1.04	0.030
750-760	17332	0.95	0.78	0.023	0.26	0.008
760-770	17333	2.34	1.05	0.031	0.10	0.003
770-780	17334	2.50	1.16	0.034	0.07	0.002
780-790	17335	3.45	1.63	0.048	0.35	0.010
790-800	17336	2.81	2.46	0.072	0.27	0.008
800-810	17337	1.35	0.80	0.023	0.04	0.001
810-820	17338	1.71	0.83	0.024	0.02	0.001
820-830	17339	1.13	0.81	0.024	0.05	0.001
830-840	17340	0.88	1.36	0.040	0.12	0.003


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 154/184/199

Project #: Afton Mine

Hole #: AFT-2K-5

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
840-850	17341	1.87	1.97	0.057	0.28	0.008
850-860	17342	1.25	1.83	0.053	0.18	0.005
860-870	17343	2.88	2.72	0.079	0.16	0.005
870-880	17344	4.41	2.84	0.083	0.11	0.003
880-890	17345	2.02	1.61	0.047	0.08	0.002
890-900	17346	2.57	1.60	0.047	0.08	0.002
900-910	17347	4.09	1.47	0.043	0.03	0.001
910-920	17348	4.48	2.76	0.080	0.02	0.001
920-930	17349	1.60	0.22	0.006	<0.01	<0.001
930-940	17350	3.58	0.75	0.022	0.09	0.003
940-950	17351	4.72	1.90	0.055	0.22	0.006
950-960	17352	3.28	1.76	0.051	0.16	0.005
960-970	17353	1.52	1.09	0.032	0.16	0.005
970-980	17354	0.67	0.26	0.008	0.13	0.004
980-990	17355	1.03	1.07	0.031	0.19	0.006
990-1000	17356	2.69	8.53	0.249	0.28	0.008
1000-1010	17357	1.17	1.44	0.042	0.15	0.004
1010-1020	17358	2.83	3.58	0.104	0.23	0.007
1020-1030	17359	2.04	2.81	0.082	0.20	0.006
1030-1040	17360	0.42	0.80	0.023	0.20	0.006
1040-1050	17361	0.43	0.77	0.022	0.21	0.006
1050-1060	17362	0.85	1.15	0.034	0.26	0.008
1060-1070	17363	0.66	0.56	0.016	0.12	0.003
1070-1080	17364	0.44	0.34	0.010	0.06	0.002
1080-1090	17365	0.72	0.49	0.014	0.05	0.001
1090-1100	17366	1.52	1.36	0.040	0.21	0.006
1100-1120	17367	2.11	1.61	0.047	0.19	0.006
1110-1120	17368	2.67	1.52	0.044	0.14	0.004
1120-1130	17369	1.68	1.97	0.057	0.13	0.004
1130-1140	17370	0.99	1.15	0.034	0.14	0.004
1140-1150	17371	1.94	1.09	0.032	0.11	0.003
1150-1160	17372	1.18	1.29	0.038	0.38	0.011
1160-1170	17373	0.72	0.57	0.017	0.04	0.001
1170-1180	17374	1.36	1.22	0.036	0.12	0.003
1180-1190	17375	1.90	1.10	0.032	0.15	0.004
1190-1200	17376	2.62	2.18	0.064	0.13	0.004
1200-1210	17377	1.02	0.71	0.021	0.11	0.003
1210-1220	17378	1.51	1.04	0.030	0.21	0.006
1220-1230	17379	1.30	0.64	0.019	0.12	0.003
1230-1240	17380	1.42	0.45	0.013	0.07	0.002
1240-1250	17381	2.51	0.64	0.019	0.03	0.001

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 154/184/199**Project #: Afton Mine****Hole #: AFT-2K-5**


Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1250-1260	17382	2.06	1.53	0.045	0.15	0.004
1260-1270	17383	0.39	0.35	0.010	0.04	0.001
1270-1280	17384	2.14	3.01	0.088	0.19	0.006
1280-1290	17385	4.56	4.02	0.117	0.25	0.007
1290-1300	17386	0.89	1.12	0.033	0.09	0.003
1300-1310	17387	1.06	1.26	0.037	0.08	0.002
1310-1320	17388	0.83	0.58	0.017	0.08	0.002
1320-1330	17389	0.07	0.03	0.001	0.02	0.001
1330-1340	17549	0.08	0.10	0.003	0.01	<0.001
1340-1360	17550	0.07	0.06	0.002	0.01	<0.001

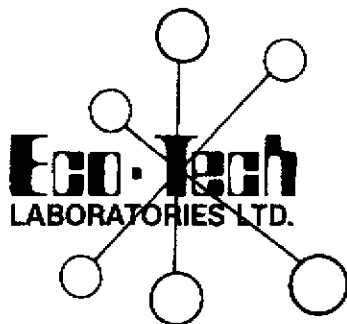
NOTE: * = Metallic Cu**QC DATA:*****Resplit:***

720-730	17329	4.34	2.14	0.062	0.10	0.003
1020-1030	17349	3.13	1.38	0.040	0.11	0.003
1190-1200	17376	1.25	0.87	0.025	0.11	0.003
1330-1340	17549	0.08	0.08	0.002	0.01	<0.001

Repeat:

440-460	17309	1.28	2.76	0.080	0.63	0.018
610-620	17318	*	0.51	0.015	0.03	0.001
700-710	17327	*	1.98	0.058	0.21	0.006
870-880	17344	4.43	2.68	0.078	0.12	0.003
960-970	17353	1.50	1.09	0.032	0.15	0.004
1020-1030	17359	3.08	1.07	0.031	0.10	0.003
1050-1060	17362	0.86	1.18	0.034	0.24	0.007
1110-1120	17368	1.24	0.85	0.025	0.06	0.002
1220-1230	17379	1.25	-	-	-	-
1330-1340	17549	-	0.07	0.002	<0.01	<0.001


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 154/184/199

Project #: Afton Mine

Hole #: AFT-2K-5

Interval	Tag #	Ag (ppm)
400-410	17551	<0.1
410-420	17552	<0.1
420-430	17467	<0.1
430-440	17468	3.0
440-460	17309	4.6
460-480	17310	8.8
480-500	17311	12.5
500-520	17312	5.9
520-540	17313	22.9
540-560	17314	3.3
560-580	17315	7.6
580-600	17316	1.3
600-610	17317	4.1
610-620	17318	0.8
620-630	17319	0.9
630-640	17320	1.7
640-650	17321	3.0
650-660	17322	1.3
660-670	17323	0.8
670-680	17324	5.3
680-690	17325	8.4
690-700	17326	5.3
700-710	17327	7.3
710-720	17328	28.1
720-730	17329	13.4
730-740	17330	14.5
740-750	17331	16.2
750-760	17332	5.4
760-770	17333	13.4
770-780	17334	12.0
780-790	17335	13.1
790-800	17336	11.2
800-810	17337	5.3
810-820	17338	8.6
820-830	17339	5.1
830-840	17340	6.3


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 154/184/199

Project #: Afton Mine

Hole #: AFT-2K-5

Interval	Tag #	Ag (ppm)
840-850	17341	12.1
850-860	17342	5.3
860-870	17343	9.4
870-880	17344	11.3
880-890	17345	7.4
890-900	17346	6.1
900-910	17347	15.8
910-920	17348	14.1
920-930	17349	3.8
930-940	17350	14.1
940-950	17351	20.3
950-960	17352	11.1
960-970	17353	10.1
970-980	17354	4.5
980-990	17355	8.8
990-1000	17356	12.1
1000-1010	17357	8.1
1010-1020	17358	23.0
1020-1030	17359	5.1
1030-1040	17360	0.6
1040-1050	17361	1.0
1050-1060	17362	3.7
1060-1070	17363	1.5
1070-1080	17364	1.1
1080-1090	17365	1.2
1090-1100	17366	7.1
1100-1120	17367	8.2
1110-1120	17368	18.3
1120-1130	17369	11.1
1130-1140	17370	3.1
1140-1150	17371	2.7
1150-1160	17372	2.6
1160-1170	17373	2.5
1170-1180	17374	9.2
1180-1190	17375	10.1
1190-1200	17376	5.6
1200-1210	17377	2.3
1210-1220	17378	5.0
1220-1230	17379	5.6
1230-1240	17380	4.4
1240-1250	17381	8.2


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 154/184/199

Project #: Afton Mine

Hole #: AFT-2K-5

Interval	Tag #	Ag (ppm)
1250-1260	17382	16.3
1260-1270	17383	2.8
1270-1280	17384	11.2
1280-1290	17385	23.1
1290-1300	17386	9.7
1300-1310	17387	4.1
1310-1320	17388	3.0
1320-1330	17389	<0.1
1330-1340	17549	<0.1
1340-1360	17550	0.4

QC DATA:

Resplit:

440-460	17309	4.5
870-880	17344	12.1
1220-1230	17379	5.4
1330-1340	17549	<0.1

Repeat:

440-460	17309	4.8
610-620	17318	1.0
700-710	17327	8.1
870-880	17344	13.0
960-970	17353	10.4
1050-1060	17362	3.4
1220-1230	17379	5.6
1330-1340	17549	<0.1


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-178/184/185/199/214/218

Project #: Afton Mine

Hole #: AFT-2K-6

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
410	17470	0.69	0.83	0.024	0.08	0.002
400-410	17553	0.01	0.04	0.001	0.01	<0.001
410-420	17469	1.01	0.35	0.010	0.03	0.001
420-430	17390	1.81	0.59	0.017	0.06	0.002
430-440	17391	2.34	0.99	0.029	0.16	0.005
440-450	17392	0.29	0.67	0.020	0.35	0.010
450-460	17393	0.84	2.13	0.062	0.97	0.028
460-470	17394	1.23	2.46	0.072	0.47	0.014
470-480	17395	0.80	0.85	0.025	0.15	0.004
480-490	17396	1.45	0.65	0.019	0.07	0.002
490-500	17397	2.51	1.04	0.030	0.15	0.004
500-510	17398	2.02	1.10	0.032	0.12	0.003
510-520	17399	0.60	0.44	0.013	0.03	0.001
520-530	17400	0.34	0.36	0.010	0.14	0.004
530-540	17401	0.13	3.00	0.087	0.07	0.002
540-550	17402	0.12	0.19	0.006	0.03	0.001
550-560	17403	0.16	0.17	0.005	0.02	0.001
560-570	17404	0.19	0.32	0.009	0.03	0.001
570-580	17405	0.15	0.16	0.005	0.03	0.001
580-590	17406	1.37	0.36	0.010	0.02	0.001
590-600	17407	0.80	0.14	0.004	0.04	0.001
600-610	17408	0.32	0.41	0.012	0.02	0.001
610-620	17409	2.85	0.63	0.018	0.06	0.002
620-630	17410	5.15	0.87	0.025	0.09	0.003
630-640	17411	2.08	0.44	0.013	0.04	0.001
640-650	17412	1.21	0.26	0.008	0.01	0.000
650-660	17413	2.47	0.91	0.027	0.12	0.003
660-670	17414	2.82	1.77	0.052	0.18	0.005
670-680	17415	3.94	1.04	0.030	0.06	0.002
680-690	17416	3.15	0.83	0.024	0.05	0.001
690-700	17417	3.86	1.25	0.036	0.03	0.001
700-710	17418	1.55	0.21	0.006	0.02	0.001
710-720	17419	2.64	0.42	0.012	0.03	0.001
720-730	17420	2.26	0.27	0.008	0.03	0.001
730-740	17421	2.12	0.19	0.006	0.01	0.000

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-178/184/185/199/214/218

Project #: Afton Mine

Hole #: AFT-2K-6

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
740-750	17422	2.11	0.34	0.010	0.02	0.001
750-760	17423	2.25	0.52	0.015	0.03	0.001
760-770	17424	2.78	0.59	0.017	0.02	0.001
770-780	17425	1.36	0.38	0.011	0.03	0.001
780-790	17426	0.69	0.18	0.005	0.02	0.001
790-800	17427	1.21	0.24	0.007	0.01	0.000
800-810	17428	2.48	0.55	0.016	0.02	0.001
810-820	17429	2.41	1.54	0.045	0.05	0.001
820-830	17430	3.63	1.61	0.047	0.07	0.002
830-840	17431	0.31	0.18	0.005	0.04	0.001
840-850	17432	1.43	0.48	0.014	0.05	0.001
850-860	17433	1.06	0.81	0.024	0.12	0.003
860-870	17434	1.42	0.92	0.027	0.10	0.003
870-880	17435	1.76	2.81	0.082	0.27	0.008
880-890	17436	2.67	1.81	0.053	0.13	0.004
890-900	17437	1.67	1.14	0.033	0.09	0.003
900-910	17438	1.43	0.78	0.023	0.11	0.003
910-920	17439	3.04	2.73	0.080	0.10	0.003
920-930	17440	2.77	0.91	0.027	0.06	0.002
930-940	17441	2.51	1.52	0.044	0.24	0.007
940-950	17442	3.03	0.65	0.019	0.08	0.002
950-960	17443	2.94	1.34	0.039	0.11	0.003
960-970	17444	1.42	1.54	0.045	0.17	0.005
970-980	17445	5.62	8.12	0.237	0.25	0.007
980-990	17446	2.76	1.25	0.036	0.04	0.001
990-1000	17447	3.35	1.32	0.038	0.07	0.002
1000-1010	17448	1.83	0.35	0.010	<0.01	<0.001
1010-1020	17449	3.78	1.37	0.040	0.04	0.001
1020-1030	17450	5.03	3.41	0.099	0.11	0.003
1030-1040	17452	1.35	0.30	0.009	0.04	0.001
1040-1050	17453	1.36	1.25	0.036	0.19	0.006
1050-1060	17454	1.67	0.91	0.027	0.15	0.004
1060-1070	17455	2.27	0.34	0.010	0.03	0.001
1070-1080	17456	3.33	1.41	0.041	0.09	0.003
1080-1090	17457	3.15	0.82	0.024	0.05	0.001
1090-1100	17458	2.71	0.88	0.026	0.05	0.001
1100-1110	17459	2.77	1.09	0.032	0.07	0.002
1110-1120	17460	1.24	0.93	0.027	0.06	0.002
1120-1130	17461	2.19	1.49	0.043	0.06	0.002

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-178/184/185/199/214/218

Project #: Afton Mine

Hole #: AFT-2K-6

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1130-1140	17462	1.63	0.87	0.025	0.06	0.002
1140-1150	17463	2.57	0.64	0.019	0.02	0.001
1150-1160	17464	3.02	1.11	0.032	0.03	0.001
1160-1170	17465	1.68	0.50	0.015	0.02	0.001
1170-1180	17554	2.01	0.61	0.018	0.06	0.002
1180-1190	17555	1.31	0.20	0.006	0.04	0.001
1190-1200	17556	0.23	0.04	0.001	0.03	0.001
1200-1210	17557	0.81	0.13	0.004	<0.01	<0.001
1210-1230	17558	0.65	0.24	0.007	0.02	0.001
1230-1250	17559	0.87	0.28	0.008	0.02	0.001
1250-1270	17560	1.06	0.28	0.008	0.03	0.001
1270-1290	17561	1.03	1.00	0.029	0.15	0.004
1290-1310	17566	0.20	0.10	0.003	0.06	0.002

QC DATA:

Resplit:

410-420	17469	1.02	0.20	0.006	0.02	0.001
420-430	17390	1.77	0.56	0.016	0.02	0.001
770-780	17425	1.34	0.37	0.011	0.03	0.001
1020-1030	17451	3.13	1.38	0.040	0.11	0.003
1230-1230	17558	0.65	0.22	0.006	0.04	0.001
1290-1310	17566	0.21	0.10	0.003	0.05	0.001

Repeat:

410-420	17469	1.02	0.33	0.010	-	-
420-430	17390	1.81	0.66	0.019	0.05	0.001
510-520	17399	0.61	0.62	0.018	0.05	0.001
600-610	17408	0.31	0.36	0.010	0.03	0.001
770-780	17425	1.40	0.31	0.009	0.02	0.001
860-870	17434	1.41	0.86	0.025	0.10	0.003
950-960	17443	2.94	1.01	0.029	0.12	0.003
1020-1030	17451	3.10	1.12	0.033	0.11	0.003
1110-1120	17460	1.24	0.85	0.025	0.06	0.002
1230-1250	17559	-	0.23	0.007	0.01	<0.001
1290-1310	17566	-	0.09	0.003	0.07	0.002

Duplicate Core

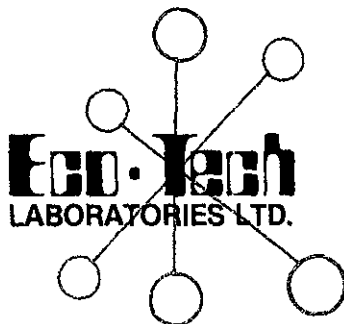
1020-1030	17451 (17450)	3.10	1.12	0.033	0.11	0.003
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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-178/184/185/199/214/218

Project #: Afton Mine

Hole #: AFT-2K-6

Interval	Tag #	Ag (ppm)
410	17470	9.5
400-410	17553	<0.1
410-420	17469	6.5
420-430	17390	6.6
430-440	17391	10.7
440-450	17392	<0.1
450-460	17393	3.6
460-470	17394	3.1
470-480	17395	2.0
480-490	17396	2.0
490-500	17397	1.8
500-510	17398	1.6
510-520	17399	<0.1
520-530	17400	<0.1
530-540	17401	<0.1
540-550	17402	<0.1
550-560	17403	<0.1
560-570	17404	<0.1
570-580	17405	<0.1
580-590	17406	0.9
590-600	17407	0.4
600-610	17408	<0.1
610-620	17409	11.6
620-630	17410	14.2
630-640	17411	5.1
640-650	17412	2.1
650-660	17413	8.0
660-670	17414	3.8
670-680	17415	12.8
680-690	17416	10.0
690-700	17417	12.2
700-710	17418	4.9
710-720	17419	17.0
720-730	17420	5.2
730-740	17421	<0.1


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-178/184/185/199/214/218

Project #: Afton Mine

Hole #: AFT-2K-6

Interval	Tag #	Ag (ppm)
740-750	17422	3.5
750-760	17423	5.4
760-770	17424	7.2
770-780	17425	4.6
780-790	17426	1.6
790-800	17427	3.2
800-810	17428	4.5
810-820	17429	8.2
820-830	17430	13.8
830-840	17431	0.2
840-850	17432	<0.1
850-860	17433	2.4
860-870	17434	6.6
870-880	17435	13.4
880-890	17436	5.9
890-900	17437	4.2
900-910	17438	3.8
910-920	17439	5.3
920-930	17440	4.7
930-940	17441	3.0
940-950	17442	3.6
950-960	17443	7.4
960-970	17444	6.0
970-980	17445	34.6
980-990	17446	11.4
990-1000	17447	10.4
1000-1010	17448	6.0
1010-1020	17449	10.2
1020-1030	17450	15.2
1030-1040	17452	2.8
1040-1050	17453	7.5
1050-1060	17454	7.7
1060-1070	17455	7.8
1070-1080	17456	11.9
1080-1090	17457	26.2
1090-1100	17458	16.2
1100-1110	17459	15.8
1110-1120	17460	5.1
1120-1130	17461	9.8
1130-1140	17462	8.4
1140-1150	17463	15.3
1150-1160	17464	10.5

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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-178/184/185/199/214/218**Project #: Afton Mine****Hole #: AFT-2K-6**

Interval	Tag #	Ag (ppm)
1160-1170	17465	5.9
1170-1180	17554	7.5
1180-1190	17555	7.4
1190-1200	17556	1.1
1200-1210	17557	0.4
1210-1230	17558	<0.1
1230-1250	17559	1.6
1250-1270	17560	1.1
1270-1290	17561	4.1
1290-1310	17566	0.2

QC DATA:***Resplit:***

410-420	17469	6.4
420-430	17390	6.5
770-780	17425	5.4
1020-1030	17451	10.5
1230-1230	17558	<0.1

Repeat:

410-420	17469	6.1
420-430	17390	6.3
510-520	17399	<0.1
600-610	17408	<0.1
770-780	17425	4.8
860-870	17434	6.2
950-960	17443	7.4
1020-1030	17451	11.2
1110-1120	17460	5.0

Duplicate Core:

1020-1030	17451 (17450)	11.5
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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-198

Project #: Afton Mine

Hole #: AFT-2K-7

Interval	Tag #	Ag (ppm)
480-490	17548	<0.1
490-500	17471	3.8
500-510	17472	7.1
510-520	17473	2.7
520-530	17474	5.3
530-540	17475	10.3
540-550	17476	3.6
550-560	17477	2.6
560-570	17478	0.8
570-580	17479	1.2
580-590	17480	3.4
590-600	17481	3.9
600-610	17482	1.1
610-620	17483	1.0
620-630	17484	2.3
630-640	17485	5.3
640-650	17486	1.8
650-660	17487	0.1
660-670	17488	3.9
670-680	17489	3.2
680-690	17490	6.0
690-700	17491	0.7
700-710	17492	0.8
710-720	17493	8.5
720-730	17494	0.6
730-740	17495	2.0
740-750	17496	2.7
750-760	17497	0.6
760-770	17498	6.5
770-780	17499	3.4
780-790	17500	5.2
790-800	17501	13.4
800-810	17502	12.0
810-820	17503	11.3
820-830	17504	14.8
830-840	17505	12.3



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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-198**Project #: Afton Mine****Hole #: AFT-2K-7**

Interval	Tag #	Ag (ppm)
840-850	17506	10.6
850-860	17507	24.5
860-870	17508	9.2
870-880	17509	5.2
880-890	17510	12.4
890-900	17511	1.6
900-910	17512	6.6
910-920	17513	17.1
920-930	17514	21.3
930-940	17515	3.5
940-950	17516	5.4
950-960	17517	4.4
960-970	17518	12.2
970-980	17519	15.1
980-990	17520	12.3
990-1000	17521	10.1
1000-1010	17522	13.7
1010-1020	17523	21.6
1020-1030	17524	<0.1
1030-1040	17525	<0.1
1040-1050	17526	<0.1
1050-1060	17527	0.1
1060-1070	17528	2.6
1070-1080	17529	4.4
1080-1090	17530	13.6
1090-1100	17531	12.8
1100-1110	17532	14.8
1110-1120	17533	18.6
1120-1130	17534	8.1
1130-1140	17535	9.9
1140-1150	17536	5.3
1150-1160	17537	3.9
1160-1170	17538	2.3
1170-1180	17539	7.3
1180-1190	17540	6.4
1190-1200	17541	4.1
1200-1210	17542	5.5
1210-1220	17543	3.7
1220-1230	17544	4.5
1230-1240	17545	0.7
1240-1250	17546	3.1
1250-1260	17547	2.0


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000-198

Project #: Afton Mine

Hole #: AFT-2K-7

Interval	Tag #	Ag (ppm)
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QC DATA:

Resplit:

490-500	17471	3.7
840-850	17506	10.8
1190-1200	17541	4.8

Repeat:

490-500	17471	3.6
580-590	17480	3.4
670-680	17489	3.4
840-850	17506	11.4
930-940	17515	3.6
1020-1030	17524	<0.1
1190-1200	17541	4.2


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-198

Project #: Afton Mine

Hole #: AFT-2K-7

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
480-490	17548	0.03	0.02	0.001	0.02	0.001
490-500	17471	1.12	0.49	0.014	0.04	0.001
500-510	17472	3.10	2.33	0.068	0.15	0.004
510-520	17473	0.97	0.81	0.024	0.08	0.002
520-530	17474	1.25	0.89	0.026	0.11	0.003
530-540	17475	1.45	2.98	0.087	0.21	0.006
540-550	17476	0.44	0.31	0.009	0.04	0.001
550-560	17477	0.70	0.19	0.006	0.06	0.002
560-570	17478	0.87	0.06	0.002	0.03	0.001
570-580	17479	0.94	0.12	0.003	0.02	0.001
580-590	17480	1.79	0.14	0.004	0.03	0.001
590-600	17481	1.64	0.11	0.003	0.04	0.001
600-610	17482	0.34	0.08	0.002	0.05	0.001
610-620	17483	0.43	0.14	0.004	0.04	0.001
620-630	17484	0.89	0.07	0.002	0.03	0.001
630-640	17485	1.31	0.20	0.006	0.07	0.002
640-650	17486	0.39	0.12	0.003	0.07	0.002
650-660	17487	0.07	0.09	0.003	0.10	0.003
660-670	17488	0.64	0.65	0.019	0.64	0.019
670-680	17489	0.42	0.43	0.013	0.08	0.002
680-690	17490	0.42	0.14	0.004	0.04	0.001
690-700	17491	0.26	0.07	0.002	0.04	0.001
700-710	17492	0.39	0.09	0.003	0.04	0.001
710-720	17493	2.35	1.37	0.040	0.23	0.007
720-730	17494	1.01	0.60	0.017	0.09	0.003
730-740	17495	1.45	3.12	0.091	0.21	0.006
740-750	17496	1.31	0.89	0.026	0.10	0.003
750-760	17497	0.53	0.25	0.007	0.04	0.001
760-770	17498	1.22	0.42	0.012	0.08	0.002
770-780	17499	1.22	1.06	0.031	0.23	0.007

NOTE: * = Metallic Cu


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-198

Project #: Afton Mine

Hole #: AFT-2K-7

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
780-790	17500	0.78	0.64	0.019	0.23	0.007
790-800	17501	4.10	0.98	0.029	0.10	0.003
800-810	17502	3.10	0.47	0.014	<0.01	<0.001
810-820	17503	3.30	0.51	0.015	<0.01	<0.001
820-830	17504	4.10	0.68	0.020	0.01	0.000
830-840	17505	2.50	1.05	0.031	0.02	0.001
840-850	17506	2.50	0.67	0.020	0.02	0.001
850-860	17507	1.80	10.86	0.317	0.03	0.001
860-870	17508	1.54	0.92	0.027	0.10	0.003
870-880	17509	1.62	1.24	0.036	0.08	0.002
880-890	17510	3.50	1.07	0.031	0.11	0.003
890-900	17511	0.97	0.41	0.012	0.04	0.001
900-910	17512	2.30	2.29	0.067	0.15	0.004
910-920	17513	3.20	2.41	0.070	0.11	0.003
920-930	17514	2.60	2.24	0.065	0.17	0.005
930-940	17515	1.56	1.24	0.036	0.08	0.002
940-950	17516	2.70	1.83	0.053	0.09	0.003
950-960	17517	2.00	3.26	0.095	0.12	0.003
960-970	17518	2.40	2.19	0.064	0.22	0.006
970-980	17519	3.30	3.22	0.094	0.16	0.005
980-990	17520	3.10	1.50	0.044	0.09	0.003
990-1000	17521	1.67	0.71	0.021	0.08	0.002
1000-1010	17522	2.95	0.73	0.021	0.10	0.003
1010-1020	17523	2.70	1.38	0.040	0.12	0.003
1020-1030	17524	0.50	0.08	0.002	0.04	0.001
1030-1040	17525	0.30	0.16	0.005	0.25	0.007
1040-1050	17526	0.01	0.21	0.006	0.03	0.001
1050-1060	17527	0.02	0.12	0.003	0.04	0.001
1060-1070	17528	0.53	0.36	0.010	0.05	0.001
1070-1080	17529	1.12	1.01	0.029	0.10	0.003
1080-1090	17530	2.75	2.09	0.061	0.07	0.002
1090-1100	17531	3.80	9.14	0.267	0.23	0.007
1100-1110	17532	2.60	3.34	0.097	0.25	0.007
1110-1120	17533	2.40	3.56	0.104	0.22	0.006
1120-1130	17534	1.62	2.90	0.085	0.26	0.008
1130-1140	17535	3.40	2.67	0.078	0.13	0.004
1140-1150	17536	2.35	1.34	0.039	0.11	0.003

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000-198**Project #: Afton Mine****Hole #: AFT-2K-7**

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)
1150-1160	17537	1.58	1.41	0.041	0.13	0.004
1160-1170	17538	2.30	2.42	0.071	0.24	0.007
1170-1180	17539	4.50	3.73	0.109	0.18	0.005
1180-1190	17540	2.10	1.46	0.043	0.08	0.002
1190-1200	17541	2.25	3.28	0.096	0.22	0.006
1200-1210	17542	2.50	4.88	0.142	0.33	0.010
1210-1220	17543	1.81	4.05	0.118	0.47	0.014
1220-1230	17544	1.66	1.68	0.049	0.18	0.005
1230-1240	17545	0.62	0.88	0.026	0.21	0.006
1240-1250	17546	0.79	1.83	0.053	0.38	0.011
1250-1260	17547	0.32	0.65	0.019	0.08	0.002

QC DATA:**Resplit:**

490-500	17471	1.11	0.72	0.021	0.03	0.001
840-850	17506	2.45	0.72	0.021	0.01	0.000
1190-1200	17541	2.20	3.34	0.097	0.23	0.007

Repeat:

490-500	17471	1.11	0.42	0.012	0.04	0.001
580-590	17480	1.92	0.15	0.004	0.02	0.001
670-680	17489	0.46	0.41	0.012	0.09	0.003
840-850	17506	2.50	0.61	0.018	0.01	0.000
930-940	17515	1.55	1.28	0.037	0.09	0.003
1020-1030	17524	0.05	0.08	0.002	0.03	0.001
1190-1200	17541	-	3.34	0.097	0.23	0.007


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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 215, 219

Project #: Afton Mine

Hole #: AFT-2K-8

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
340-350	17567	0.05	0.03	0.001	0.01	0.000	-	-	-	-
350-360	17601	0.02	0.06	0.002	<0.01	<0.001	-	-	-	-
360-370	17602	0.02	0.21	0.006	0.01	<0.001	-	-	-	-
370-380	17603	0.03	0.32	0.009	0.03	0.001	-	-	-	-
380-390	17604	0.02	0.12	0.003	0.01	<0.001	-	-	-	-
390-400	17605	0.07	0.12	0.003	0.01	<0.001	-	-	-	-
400-410	17606	0.05	0.14	0.004	0.01	<0.001	-	-	-	-
410-420	17607	0.07	0.11	0.003	0.01	<0.001	-	-	-	-
420-430	17608	0.06	0.16	0.005	0.01	<0.001	-	-	-	-
430-440	17609	0.14	0.06	0.002	<0.01	<0.001	-	-	-	-
440-450	17610	2.28	2.95	0.086	0.37	0.011	<0.01	<0.001	<0.01	<0.001
450-460	17611	1.19	1.62	0.047	0.15	0.004	<0.01	<0.001	<0.01	<0.001
460-470	17612	13.70	21.80	0.636	2.20	0.064	0.02	0.001	<0.01	<0.001
470-480	17613	1.26	1.54	0.045	0.22	0.006	<0.01	<0.001	<0.01	<0.001
480-490	17614	5.60	5.88	0.171	0.20	0.006	<0.01	<0.001	<0.01	<0.001
490-500	17615	0.97	0.75	0.022	0.28	0.008	<0.01	<0.001	<0.01	<0.001
500-520	17616	1.59	1.17	0.034	0.13	0.004	-	-	-	-
520-540	17617	0.93	2.14	0.062	0.11	0.003	-	-	-	-
540-560	17618	0.75	0.98	0.029	0.06	0.002	-	-	-	-
560-580	17619	0.06	0.10	0.003	0.02	0.001	-	-	-	-
580-600	17620	0.07	0.34	0.010	0.04	0.001	-	-	-	-
600-610	17621	0.10	0.08	0.002	0.01	0.000	-	-	-	-
610-620	17622	0.08	0.05	0.001	0.03	0.001	-	-	-	-
620-630	17623	0.21	0.01	0.000	<0.01	<0.001	-	-	-	-
630-640	17624	0.19	0.04	0.001	<0.01	<0.001	-	-	-	-
640-650	17625	0.15	0.17	0.005	<0.01	<0.001	-	-	-	-
650-660	17626	0.10	0.06	0.002	<0.01	<0.001	-	-	-	-
660-670	17627	0.17	0.06	0.002	<0.01	<0.001	-	-	-	-
670-680	17628	0.06	0.01	0.000	<0.01	<0.001	-	-	-	-
680-690	17629	0.05	0.03	0.001	<0.01	<0.001	-	-	-	-
690-700	17630	0.11	0.01	0.000	<0.01	<0.001	-	-	-	-
700-710	17631	0.31	0.01	0.000	<0.01	<0.001	-	-	-	-
710-720	17632	0.23	0.02	0.001	<0.01	<0.001	-	-	-	-
720-730	17633	0.18	0.01	0.000	<0.01	<0.001	-	-	-	-

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COLLATED SUMMARY FOR CERTIFICATES OF ASSAY AK2000- 215, 219

Project #: Afton Mine

Hole #: AFT-2K-8

Interval	Tag #	Cu (%)	Au (g/t)	Au (oz/t)	Pd (g/t)	Pd (oz/t)	Pt (g/t)	Pt (oz/t)	Rh (g/t)	Rh (oz/t)
730-740	17634	0.13	0.06	0.002	0.03	0.001	-	-	-	-
740-750	17635	0.13	0.05	0.001	0.01	0.000	-	-	-	-
750-760	17636	0.10	0.11	0.003	0.01	0.000	-	-	-	-
760-770	17637	0.08	0.25	0.007	0.02	0.001	-	-	-	-
770-780	17638	0.05	0.15	0.004	0.03	0.001	-	-	-	-
780-790	17639	0.09	0.05	0.001	0.01	0.000	-	-	-	-
790-800	17640	0.08	0.11	0.003	0.01	0.000	-	-	-	-
800-810	17641	0.09	0.05	0.001	0.01	0.000	-	-	-	-
810-820	17642	0.12	0.19	0.006	0.02	0.001	-	-	-	-
820-830	17643	0.10	0.17	0.005	0.02	0.001	-	-	-	-
830-840	17644	0.10	0.14	0.004	<0.01	<0.001	-	-	-	-
840-850	17645	0.07	0.04	0.001	<0.01	<0.001	-	-	-	-
850-860	17646	0.13	0.07	0.002	<0.01	<0.001	-	-	-	-
860-870	17647	0.15	0.21	0.006	0.01	0.000	-	-	-	-
870-880	17648	0.10	0.33	0.010	0.03	0.001	-	-	-	-
880-890	17649	0.16	0.13	0.004	0.06	0.002	-	-	-	-
890-900	17650	0.10	0.15	0.004	0.10	0.003	-	-	-	-
900-910	17562	0.09	0.07	0.002	0.03	0.001	-	-	-	-
910-920	17563	0.01	0.10	0.003	0.01	0.000	-	-	-	-
920-930	17564	0.03	0.27	0.008	0.02	0.001	-	-	-	-
930-947	17565	0.06	0.08	0.002	0.03	0.001	-	-	-	-

QC DATA:

Resplit:

350-360	17601	0.02	0.04	0.001	<0.01	<0.001	-	-	-	-
730-740	17634	0.14	0.06	0.002	0.02	0.001	-	-	-	-

Repeat:

350-360	17601	0.02	0.08	0.002	<0.01	<0.001	-	-	-	-
440-450	17610	2.26	2.82	0.082	0.39	0.011	-	-	<0.01	<0.001
560-580	17619	0.06	0.08	0.002	0.02	0.001	-	-	-	-
730-740	17634	0.14	0.04	0.001	0.02	0.001	-	-	-	-
820-830	17643	0.10	0.10	0.003	0.01	0.000	-	-	-	-

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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 215,219

Project #: Afton Mine

Hole #: AFT-2K-8

Interval	Tag #	Ag (ppm)
340-350	17567	<0.1
350-360	17601	<0.1
360-370	17602	<0.1
370-380	17603	<0.1
380-390	17604	<0.1
390-400	17605	<0.1
400-410	17606	<0.1
410-420	17607	<0.1
420-430	17608	<0.1
430-440	17609	<0.1
440-450	17610	4.9
450-460	17611	10.6
460-470	17612	24.5
470-480	17613	4.6
480-490	17614	5.4
490-500	17615	2.9
500-520	17616	4.4
520-540	17617	5.1
540-560	17618	1.3
560-580	17619	<0.1
580-600	17620	<0.1
600-610	17621	<0.1
610-620	17622	<0.1
620-630	17623	<0.1
630-640	17624	0.4
640-650	17625	<0.1
650-660	17626	<0.1
660-670	17627	0.2
670-680	17628	<0.1
680-690	17629	<0.1
690-700	17630	<0.1
700-710	17631	0.3
710-720	17632	<0.1
720-730	17633	<0.1
730-740	17634	<0.1
740-750	17635	<0.1


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COLLATED SUMMARY FOR CERTIFICATES OF ANALYSES AK2000 - 215,219

Project #: Afton Mine

Hole #: AFT-2K-8

Interval	Tag #	Ag (ppm)
750-760	17636	<0.1
760-770	17637	<0.1
770-780	17638	<0.1
780-790	17639	<0.1
790-800	17640	0.02
800-810	17641	<0.1
810-820	17642	<0.1
820-830	17643	<0.1
830-840	17644	<0.1
840-850	17645	<0.1
850-860	17646	<0.1
860-870	17647	<0.1
870-880	17648	<0.1
880-890	17649	<0.1
890-900	17650	<0.1
900-910	17562	<0.1
910-920	17563	<0.1
920-930	17564	<0.1
930-947	17565	<0.1


QC DATA:

Resplit:

350-360	17601	<0.1
730-740	17634	<0.1

Repeat:

350-360	17601	<0.1
440-450	17610	5.0
560-580	17619	<0.1
730-740	17634	<0.1
820-830	17643	<0.1


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APPENDIX II

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: DDH2K-1

Dip: -72°

Total Depth: 675 ft

Casing Depth: 30 ft

Dip Correction:

Logged By: John Ball

Date Begun: April 20, 2000

Bearing: 315°

Claim : Afton

Date Finished: May 2, 2000

Elev. Collar: 1610 ft

Core Size: NQ-17/8 Inch

Depth(ft)	Zone	Fracture Density	Description
0-175		25/ft	Light - grey to light - green moderately fractured and broken fine-grained rock with calcite and silica veinlets and fracture fillings from 0.5 to 4 mm thick.
175-185		15/ft	(Same as above) Rock less broken
185-205		10/ft	Grey to light-green massive and fractured rock with calcite and silica veinlets. From 198 to 202 erratic small clots o of pyrite up to 0.5 cm wide.
205-207		8/ft	Light-green fine grained rock with fine pyrite along 1 to 4 mm fractured through core. Fractures offset 2 cm at 205 ft.
207-223		10/ft	medium green fine-grained rock with carbonite and silica veinlets displaced 2 to 4 cm. 3 to 6 cm wide breccia zones with clasts from 0.3 to 4 cm across carbonite groundmass. Amygdaloidal feature appears to be mafic (mg -FE) concentrations as blebs up to 1 cm across. Pyrite along silica fractures from 0.5 to 2 mm thick.
223-234		6/ft	Light green Amygdaloidal rock with carbonaceous veinlets, calcite filled fractures and silica veins. No pyrite.
234-235		4/ft	Massive medium-green rock with silica veinlets at 45° to core.

235-244		6/ft 20/ft	Massive grey-green rock with silica veinlets upto 3 cm wide. No visible pyrite From 234-235 = fault - breccia zone 60° to core axis. Silica and calcite filled
244-270		8/ft	Grey colour massive rock with carbonate and silica veinlets. Silica filled No pyrite or other sulphides.
270-315		12/ft	Light brown weakly fractured to strongly brecciated fine-grained rock. Very minor pyrite along erratic fractures.
315-355		12/ft	(Same as above) with very minor disseminated pyrite.
355.2-355.6		40/ft	Breccia zone (40 cm) with moderate fine-grained pyrite as clots and fillings.
355.6-412		20/ft	Bleached-white brecciated sections with light green fractured more massive rock. Minor pyrite disseminated and concentrated along erratic fractures. Pyrite very minor fine-grained.
412-419		8/ft	Medium-green fractured rock with very minor disseminated pyrite.
419-424		30/ft	White bleached heavily broken breccia zone. Pyrite concentrated on fractures.
424-425.5		15/ft	Grey breccia. Pyrite disseminated and concentrated on fractures. <u>Chalcopyrite</u> clots from 0.2 to 1.2 cm across
425.5-438		10/ft	Light brown breccia. Only very minor pyrite with no chalcopyrite.
438-453.5		30/ft	Light brown to white breccias very fine minor disseminated pyrite throughout.
453.5-458		10/ft	Pale orange brecciated and fractured rock with only minor very-fine pyrite disseminations. No chalcopyrite.
458-461		15/ft	Grey breccia with fine disseminated chalcopyrite and bornite end along fractures.
461-462.5		12/ft	Clots of <u>chalcopyrite</u> and <u>bornite</u> along fractures up to 3 cm. <u>Chalcocite</u> disseminated throughout zone.
462.5-464		12/ft	Fine disseminated <u>chalcopyrite</u> and irregular clasts of <u>chalcocite</u> .
464-467.5		10/ft	Pale orange fractured rock with very minor <u>native copper</u>

467.5-471		6/ft	Grey massive rock with very minor disseminated <u>chalcopryite chalcocite</u> clots and on fractures.
471-481		18/ft	Pale orange fractured rock. Very minor <u>native copper</u> as 1 mm blebs. Minor <u>Chalcocite</u> .
481-489		10/ft	Grey-green fractured rock with very minor finely disseminated chalcopryite, minor <u>chalcocite</u> , with 3 blebs of native copper 1 mm across.
489-491		20/ft	Whitish breccia with very minor native copper.
491-503.5		8/ft	Grey fractured rock with silica veinlets up to 1.3 cm across.
503.5-508			From 503.5 to 530 continuous disseminated <u>chalcocite</u> blebs along fractures up to 4 mm wide.
508-508.6		25/ft	Very light orange fractured rock. Breccia with 1 to 2 mm <u>native copper</u> blebs, and <u>chalcocite</u> .
508.6-513		6/ft	Pale orange rock with <u>chalcocite</u> as dendritic blebs throughout.
513-519		12 /ft	Pale orange rock with disseminated <u>chalcocite</u> and <u>native copper blebs</u> and fillings in silica veins. Most extensive <u>native copper</u> seen to this point, but still only minor percentage.
519-530		10/ft	Grey fractured rock - 523 to 525 <u>bornite</u> fracture fillings up to 3 mm wide. <u>Chalcocite</u> disseminated throughout.
530-548.5		6/ft	Grey fractured to brecciated rock with calcite and silica veinlets up to 8mm across. Strong <u>chalcocite</u> 545-548.5 as blebs but only one bleb of native copper at 531 ft. less than 1 mm.
548.5-554.5		40/ft	Pale orange heavily fractured rock. <u>Native copper</u> veinlets interlaced through core at all angles from 0.5 to 4 mm wide. Chalcocite throughout.
554.5-559.5		30/ft	(Same as above) with wider <u>native copper</u> veinlets up to 6 mm.
559.5-560.5		40/ft	(Same as above) with silica veins up to 1 cm across and number 3mm <u>native copper</u> veins.

560.5-568		25/ft	Pale orange breccia with numerous blebs and vein filling of <u>native copper</u> and <u>chalcocite</u> . <i>Sample No. 565-570</i>
568-571.5		20/ft	Grey massive fractured rock. <u>Native Copper</u> along most fractures. <i>Sample No. 570-575</i>
571.5-590		35/ft	Pale orange fractured with <u>native copper</u> to 2mm wide in fractures and strongly disseminated <u>chalcocite</u> . <i>Sample No. 575-580, 580-585, 585-590</i>
590-594.5			Brown crumbly broken breccia. <i>Sample No. 590-595</i>
594.5-612			Orange coloured fractures and locally brecciated. <u>Native Copper</u> stringers and veinlets with <u>chalcocite</u> blebs locally. <i>Sample No. 595-600, 600-605, 605-610</i>
612-618			Orange to grey moderately fractured. Erratic up to 2 mm growths of <u>native copper</u> , <u>Chalcocite</u> moderately disseminated. <i>Sample No. 610-615, 615-620</i>
618-633			Massives moderately to lightly fractured grey rock. Sparsely distributed small clots of <u>native copper</u> with no fracture fillings. Lightly and erratically disseminated <u>chalcocite</u> <i>Sample No. 620-625, 625-630, 630-635.</i>
633-648			Grey-white breccia without native copper but with lightly concentrated chalcopyrite along fractures. <i>Sample No. 635-640, 640-645, 645-650</i>
648-665			Massive lightly fractured rock with erratic sections of minor chalcocite. <i>Sample No. 650-655, 655-660, 660-665</i>
665-665.2			Up to 4 cm wide clot of <u>bornite</u> and <u>chalcopyrite</u>
665.2-675			Dark grey massive to lightly fractured rock with narrow sections of chalcocite disseminated through massive rock. <i>Sample No. 665-670, 670-675</i>
675			END OF HOLE - HOLE CAVED PREVENTING CONTINUATION - 98% Core Recovery

This is an amended
and reformed copy
of the original log 2
by John Ball

Dip Angle		
Depth	Angle	
	Dip	Azimuth

Diamond Drill Record

Property: Afton Mine Property


Hole No: 2	Dip Collar: -75°	Total Depth: 1455ft
Casing Depth: 170 feet	Dip Correction: -74°	Logged By: John Ball
Date Begun: May 3, 2000	Bearing: 329°	Claim: Afton
Date Finished: May 20, 2000	Elev. Collar: 1610 feet	Core Size: NQ-1 ⁷ / ₈ "

Depth	Zone	Description
0-70	Grey-green calcareous microdiorite with visible sulphides.	Casing HW Tri-Cone bit used to drill hole.
170-187		Grey-green massive fine-grained microdiorite. Fractured. Calcite stringers from 0.5 to 12 mm wide.
187-187.5		Breccia zone with crumbly clasts and calcareous matrix fillings.
187.5-196.5		Grey-green massive lightly fractured microdiorite with calcareous stringers.
196.5-199		Light-grey breccia zone with calcareous fragments. No visible pyrite or sulphides.
199-218	Grey-green calcareous microdiorite with visible sulphides.	Light-green massive fine-grained microdiorite with darker splotches of mafic constituents. Only minor calcareous stringers from 1 to 2 mm wide.
218-220		Fractured massive microdiorite with disseminated hematite.
220-221.5		Light-grey brecciated microdiorite with fine disseminated white pyrite concentrated in clots up to 5 mm wide along fractures.
221.5-250		Grey-green massive fractured microdiorite with calcareous stringers and veinlets up to 12 mm wide.

250-284.5	Calcareous microdiorite with fine disseminated pyrite zone.	Grey-green breccia zone with calcareous stringers and breccia fragments up to 2 cm across. No visible pyrite or other sulphides.
284.5-286		Light-grey breccia zone with dull-red hematite along stringers up to 1 mm wide.
286-292		Grey-green fractured microdiorite with hematite along stringers and disseminated locally. At 287.8 a series of 1 to 4 mm wide stringers have hematite and disseminated chalcopyrite through stringers and along fractures.
292-301		Grey-green breccia strongly fractured and faulted with rounded to angular clasts.
301-311		Grey-green breccia with white pyrite as fine disseminations and clots up to 1 cm across. Some rounded breccia clasts completely surrounded by disseminated pyrite. No other sulphides visible.
311-344.5		Grey-green fractured to brecciated microdiorite with erratic 1 to 2 mm carbonate veinlets. No visible pyrite.
344.5-346		Grey-white breccia with large clasts of dolomitic carbonate.
346-361		Brownish-green fractured massive microdiorite locally sheared and brecciated. No visible pyrite.
361-394		Grey-green fractured to brecciated microdiorite with no visible pyrite.
394-395		Grey-green breccia with heavily disseminated and matrix-filled fine-grained pyrite. Contact at 395 ft = 55 degrees.
395-404		Massive fine-grained pinkish-green hard microdiorite with only minimal fracturing, no calcareous veinlets and no visible pyrite. Possibly a dyke.
404-414		Whitish-grey fractured and brecciated fine-grained microdiorite. No visible pyrite.
414-431		Grey-green brecciated to fractured microdiorite with minor very fine disseminated pyrite.
431-431.3		Grey-green breccia with matrix composed of disseminated fine-grained pyrite.
431.3-459.5	Breccia zone.	Grey-green fractured to brecciated microdiorite with only very minor visible fine-grained pyrite. Major fracture at 459.5 = 72 degrees.
459.5-486		Grey-green fractured to locally partially brecciated microdiorite with calcareous veinlets and erratic masses. Fine pyrite disseminated throughout.
486-487.5		Major fracture zone. Grey-white strong breccia with orange coloured gouge along fault. Fracture-plane angle at 487 ft = 68 degrees.

487.5-499	<p style="text-align: center;">↑</p> <p>Native copper and chalcocite zone.</p>	Orange to orange-grey breccia with rounded to angular fragments in heavily fractured matrix. Isolated clots and stringer fillings of native copper from 488.5 to 491.5, and 495 to 495.6 ft. Chalcocite disseminated and concentrated along fractures throughout the section. At 488.5 there are 6 mm clots of native copper.
499-514.8		Dull-orange to grey fractured fine-grained microdiorite with disseminated chalcocite also concentrated in erratic clots and narrow stringer-fillings. Native copper as erratic small specks only. At 510 ft fracture angle = 76 degrees. At 514.8 fracture angle = 60 degrees.
514.8-522		Sharp contact with orange breccia. Moderate amounts of native copper along fractures and concentrated in heavily brecciated sections. Native copper clots up to 5 mm wide. Chalcocite disseminated throughout. Fracture angle at 522 ft = 53 degrees. From 486 to 522 appears to be the same section intersected in AFT-2K-1 from 560 to 585 ft.
522-527.8		Grey to buff orange coloured fractured microdiorite that is locally brecciated. Mottled disseminations of chalcocite and other dull-black copper oxides and sulphides throughout. Only 3 small specks of visible native copper.
527.8-533		Heavily fractured and brecciated zone with native copper along 1 to 2 mm fractures. Chalcocite disseminated throughout. Local light to moderate native copper concentrations along fractures in strongly brecciated sections such as at 530.6 ft.
533-537		Orange fractured rock with disseminated chalcocite with fine local hematite. Native copper as 1 to 2 mm fracture fillings.
537-546		Strongly brecciated and fractured orange coloured microdiorite with moderately disseminated chalcocite and minor amounts of native copper along fractures up to 1 mm wide. In the heavily fractured section from 540 to 541 native copper occurs as clots up to 6 mm wide. At 545 native copper occurs along 1 mm stringers.
546-609		Light-grey to orange coloured massive to fractured microdiorite with narrow strongly brecciated sections that contain native copper stringers in very narrow breccia zones at 585.5 to 585.7, 588.2 to 588.4, 609.4 to 609.5, 614 to 614.3, 623.5 to 623.7, 626 to 628.5, and 634.1 to 634.3. Chalcocite as motley disseminations throughout.
609-614		Light-green massive lightly to moderately fractured microdiorite with erratically disseminated chalcocite.
614-621		Massive medium green microdiorite. Contacts gradational. Native copper at 619-620. Chalcocite at 620-621.

621-630		
630-636		Change in section from grey to orange. Only a few small blebs of native copper erratically distributed along thin fractures. Chalcocite disseminated throughout.
636-639.5		Brecciated orange microdiorite . Native copper erratically distributed. Chalcocite throughout. Contact at 639.5 ft = 50 degrees.
639.5-653.5		Orange to light-grey fractured section with erratic local narrow heavily fractured and brecciated section. Native copper narrow stringers and disseminated chalcocite.
653.5-668		Orange heavily fractured and brecciated section with moderate to heavy native copper along fractures and as clots and blebs. Most heavily native copper mineralized section in either DDH AFT 1 or 2.
668-678		Grey coloured brecciated to moderately fractured section with disseminated chalcocite and native copper along fractures in brecciated sections. Considerably less native copper than from 653 to 668 ft.
678-698		Orange heavily brecciated to fractured sections with chalcocite and moderate to heavy amounts of native copper along fractures and clots up to 4 mm wide in brecciated sections.
698-712		Grey coloured heavily fractured microdiorite with orange breccia zones. Chalcocite disseminated throughout. Hematite restricted to dull orange material along fracture-planes. Heavy chalcocite in local sections such as 706.5 to 708.5 ft.
712-726		Orange fractured and locally heavily brecciated microdiorite with moderate chalcocite and locally moderate to heavy native copper as veinlets and clots.
726-731.5		Strongly brecciated orange microdiorite with moderate to heavy concentrations of chalcocite and minor visible specks of native copper. Strong fracture at 731.5 = 75 degrees.
731.5-733		Orange to grey fractured more competent microdiorite with minor disseminated chalcocite. Fracture at 733 ft = 50 degrees.
733- 749.5		Dark to light grey transition section between previous orange coloured brecciated section and more competent grey fractured microdiorite. Lightly disseminated chalcocite and other dull-black copper oxides and sulphides . Two chalcopyrite clots visible.
749.5-760		Light grey to white fractured microdiorite with calcareous stringers. Disseminated fine-grained chalcocite. At 755 ft a 3 cm wide carbonate veinlet.

760-794	 Chalcocite and Bornite zone.	Same dark-grey competent fractured microdiorite. Chalcocite and bornite disseminated throughout as intergranular grains and locally concentrated along fractures.
794-797		Bleached brownish-grey microdiorite with very minor disseminated chalcocite and bornite.
797-806		Dark-grey fractured microdiorite with moderately disseminated chalcocite and bornite. A small amount of disseminated chalcopyrite.
806-813		Orange coloured strongly brecciated section with heavy concentrations of native copper and stringers and clots and disseminated chalcocite. This is the heaviest amount of native copper in drill hole.
813-823		Medium grey competent fractured microdiorite with only minor local concentrations of chalcocite or no native copper.
823-836		White to light-grey carbonates in competent microdiorite with disseminated "sooty black" chalcocite.
836-874		Medium to dark-grey competent microdiorite with fine-grained moderately bornite disseminated locally and concentrated along fractures. Chalcocite moderately disseminated throughout. At 847 and 866 calcareous veinlets with chalcocite concentrations 1.5 cm wide cut the core at 75 degrees. Darker grey heavier concentrations of chalcocite and bornite occur from 860-861, 865-866.5, and 868-870 feet.
874-878		Moderate to heavy concentrations of disseminated chalcocite throughout.
878-891		Grey to light-brown coloured fine-grained microdiorite with erratically distributed light to light-moderate concentrations of chalcocite and bornite. From 884 to 885 bornite concentrations.
891-892		Grey strong breccia fault zone with no visible sulphides.
892-908		Medium grey to brown massive microdiorite with local small bornite clots and disseminated chalcocite.
908-910		Massive grey-brown microdiorite with moderate to heavy disseminated chalcocite and bornite.
910-932		Grey to light-brown massive fractured microdiorite that varies from light to moderate concentrations of chalcocite and bornite.
932-934		Bleached strong fault gouge breccia that appears to be almost completely barren of sulphides except for a light amount of disseminated chalcocite.
934-936		White coloured carbonate microdiorite that appears barren of sulphides.
936-938		Medium to dark grey breccia with moderate amount of chalcocite.

938-947	↓	Dark-grey massive microdiorite with light to heavy chalcocite concentrations.
947-961		Pale brown to light grey fractured calcareous microdiorite with black chalcocite disseminated throughout.
961-965.5		Whitish-grey heavy breccia zone with only minor chalcocite concentrations.
965.5-983	↑ Chalcocite, bornite and chalcopyrite. ↓	Dark-grey massive fractured microdiorite with moderate amounts of disseminated chalcocite and small blebs of chalcopyrite.
983-985		Brownish-grey massive fractured microdiorite with carbonate veinlets and locally disseminated chalcocite.
985-1012		Dark-grey fractured microdiorite with moderate to heavy disseminated chalcocite concentrations.
1012-1016		Strong breccia zone with moderate chalcocite concentrations.
1016-1018		Medium-grey fractured microdiorite with moderate concentrations of chalcocite with visible bornite specks.
1018-1021		Grey breccia with only light amounts of chalcocite.
1021-1026		Dark-grey microdiorite with moderate chalcocite.
1026-1036		Whitish-grey breccia zone with light to locally medium chalcocite disseminations.
1036-1041		Dark-grey fractured microdiorite with heavy concentrations of "black sooty" chalcocite and some visible small bornite blebs.
1041-1045.4	↑ Breccia zone. ↓	Whitish-grey strong breccia zone that has been a conduit for the solution movement and appears similar to the breccia zone from 486-499. Light to locally moderate chalcocite.
1045.2-1045.8		Fault gouge "mud" related to the previous breccia zone. Contact angle = about 70 degrees.
1045.8-1055	↑ Chalcocite and chalcopyrite ↓	Medium to dark-grey fractured microdiorite with moderate to heavy concentrations of disseminated chalcocite.
1055-1056.8		Black colour brecciated microdiorite with heavy chalcocite.
1056.8-1066		Dark-grey fractured microdiorite with moderate to heavy chalcocite concentrations.
1066-1077		Dark-grey breccia zone with light to moderate chalcocite.
1077-1082		Light-grey massive lightly fractured microdiorite with moderate chalcocite.
1082-1083.5		Very strong fault breccia zone with fault-gauge and fragments of microdiorite with heavy concentrations of chalcocite.
1083.5-1112		Light-grey to brownish-grey fractured microdiorite with erratically distributed mineralized short sections of disseminated chalcocite.

1112-1114.8	↓	Grey-brown breccia with clasts of brown unmineralized microdiorite and dark-grey chalcocite-mineralized microdiorite.
1114.8-1116		Dark-grey moderately fractured microdiorite with medium to heavy concentrations of chalcocite.
1115-1117		Black microdiorite with heavy chalcocite.
1117-1124		Fractured brown microdiorite with light to moderate chalcocite.
1124-1129		Grey-brown breccia with light chalcocite.
1129-1145.4		Brown breccia with light to moderate chalcocite.
1145.5-1148		Dark-grey breccia with moderate chalcocite.
1148-1151.5		Black breccia with heavy chalcocite.
1151.5-1154		Black breccia with moderate chalcocite.
1154-1155		Black breccia with heavy chalcocite and chalcopyrite.
1155-1167		Altered brown breccia with nil to light chalcocite.
1167-1169.5		Black fractured microdiorite with moderate chalcocite and chalcopyrite.
1169.5-1184		Lightly to moderately finely disseminated chalcocite, chalcopyrite and bornite in light to dark green microdiorite.
1184-1188.5		Nil to lightly disseminated chalcocite and chalcopyrite in pale brown altered microdiorite.
1188.5-1191.5		Brecciated and fractured microdiorite and moderate amounts of chalcocite and chalcopyrite.
1191.5-1192		White to light green breccia with nil to light sulphides.
1192-1207	Breccia zone. ↓	Breccia zone in pale brown to light-green microdiorite with local erratic light concentration of disseminated chalcopyrite and some bornite along fractures. Fractures: 1200 ft = 76°, 1204 ft = 74°.
1207-1218	Chalcopyrite, bornite, chalcocite. ↑ ↓	Pale brown fractured microdiorite with brown sulphides.
1218-1228		Moderated to locally heavy finely disseminated chalcopyrite and locally bornite in fractured carbonated. At 1220 and 1222 heavy disseminated chalcopyrite.
1228-1230		Moderate to locally heavy finely disseminated chalcopyrite in grey pale brown microdiorite.
1230-1235		Moderate finely disseminated bornite with chalcopyrite.
1235-1244		Lightly disseminated bornite, chalcopyrite and some chalcocite in heavily fractured microdiorite.
1244-1253		Moderately to heavily disseminated chalcopyrite and chalcocite with local bornite in heavily fractured light to dark-grey microdiorite.

11253-1256	Breccia zone. ↑ ↓	White to grey breccia zone.
1256-1260.5	Grey-green massive microdiorite with very low sulphides. ↑ ↓	Orange brecciated microdiorite with very minor native copper as a few specks.
1260.5-1266		Very lightly disseminated chalcopyrite.
1266-1269		Dark-orange to grey heavily fractured microdiorite with very minor disseminated chalcocite, a very small amount of chalcopyrite.
1269-1302		Light-grey to green massive to fractured microdiorite with nil to very light chalcocite.
1302-1310		Breccia zone moderately fractured.
1310-1314		Dark-grey massive microdiorite with light amounts of chalcocite, chalcopyrite and bornite.
1314-1324		Light orange microdiorite with very minor native copper as a few specks with light chalcopyrite and chalcocite.
1324-1330		Light brown fractured to brecciated microdiorite with lightly disseminated chalcopyrite.
1330-1333		Breccia zone in fractured microdiorite.
1333-1363		Light brown to light green moderately fractured microdiorite. Chalcocite disseminated and concentrated along fractures. Breccia clasts of brown microdiorite contain very fine disseminated chalcopyrite and local small specks of native copper. Sulphide content is very low.
1363-1379	Medium green to brown massive microdiorite with minor pyrite. ↑ ↓	Light-grey to white microdiorite heavily fractured locally brecciated. No visible sulphides except pyrite cubes disseminated throughout.
1379-1427		Medium green to brown massive to lightly fractured fine-grained microdiorite with minor disseminated pyrite sprinkled throughout. At 1384 very narrow fractures with minor chalcocite fillings. Very low sulphide content.
1427-1427.3		2 inches (5cm) light grey breccia zone.
1427.3-1455		Green to brown massive to lightly fractured microdiorite with minor disseminated pyrite crystals. No other visible sulphides.
1455		End of hole – 99% Recovery from 190 feet to end of hole.

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 3 Dip: - 80 degrees (collar) Total Depth: 1511 ft.
Case Depth: 150ft Dip Correction: = 79degrees Logged By : J Ball
Date Begun: June 5, 2000 Bearing: 329 degrees Claim: Afton
Date Finished: June 14, 2000 Elev. Collar: 1610 ft. Core Size: NQ2=2in

Description: "rock" = microdiorite

Depth	Description
30'-35'	Green massive fine-grained calcareous rock with calcite veinlets and erratic minor disseminated pyrite.
35'-35.5'	Broken breccia zone.
35.5'-56'	Green massive rock.
56'-60'	Badly broken breccia zone.
60'-68'	Green massive rock.
68-68.4	Broken Breccia zone.
68.4-75	Massive green rock.
75-78	Badly Broken massive rock.
78-80	Broken rock.
80-105	Solid rock with minor pyrite along fractures.
105-106	Breccia zone with fine pyrite.
106-117	Solid rock with minor pyrite and magnetite.
117-122	Broken breccia with disseminated fine pyrite.
122-155	Solid rock with disseminated pyrite.
155-156	Broken breccia. Casing to 150 ft.
156-177.4	Solid massive green rock with minor pyrite.

177.4-177.8	Breccia fault zone gänge.
177.8-249	Solid green rock, with minor disseminated pyrite and calcareous veinlets. Fracture at 229'=82°.
249-249.4	Fault breccia zone at 45° to core.
249.4-274	Buff pink colour, massive fine grained calcareous rock.
274-274.9	Fracture with 1" fault mud at 80° to core.
274.9-290	Breccia zone, with minor chalcopryite clots at 288 ft.
290-298	Fractured brecciated rock with minor very finely disseminated native copper.
298-299	Fracture at 84° to the core.
299-336	Green massive fractured fine grained rock with disseminated pyrite.
336-343	Fractured and breccia zone. Calcite veins. No visible pyrite.
343-386	Dark Green heavily fractured and brecciate zone with calcite and chalcocite along fractures.
386-399	Heavily fractured breccia zone with calcite clasts and semi-massive chalcocite clasts in a mud matrix. White carbonate with grey breccia clasts, and disseminated chalcopryite and chalcocite. from 389 to 390.
399-409.5	Fractured to brecciated pink to buff green rock with disseminated to fracture-filled chalcocite and chalcopryite.
409.5-434.5	Orange-coloured fractured to brecciated rock with native copper veinlet-fillings and clots and disseminated moderate chalcocite.
434.5-435	Orange heavy breccia zone with hematite coated fault mud, and strongly brecciated orange rock. Moderate chalcocite and native copper.
435-473	Massive light grey to green hard rock, with calcite veinlets and disseminated calcopryite from light to moderate. Very small specs of native copper along erratic fractures. Minor chalcopryite with chalcocite.
473-475	Breccia zone with native copper clots along fractures. Chalcocite disseminated throughout.
475-482	Fractured massive grey-green rock with disseminated chalcocite.
482-492	Massive fractured grey-green rock with lightly disseminated chalcocite.

Heavily
Broken
Breccia
Zone

Massive
grey
rock
with
dissemin.
ated
chalcocite

492-494	Fractured zone with fault zone at 83° to the core.
494-505	Buff grey-green rock with erratically distributed disseminated chalcocite.
505-508	Heavily fractured breccia zone.
508-510	Breccia zone with semi-massive chalcocite clots.
510- 514	Grey-Green fractured rock with moderately disseminated chalcoite.
514-514.4	Fault zone with heavy orange mud.
514.4-527	Orange to grey coloured heavily fractured rock with disseminated chalcocite and native copper.
527-528.5	Major fracture at 83° to the core.
528.5-545	Orange to grey coloured heavily fractured fine grained rock with disseminated chalcocite and native copper.
545-548	Grey-green massive lightly fractured rock with lightly disseminated chalcocite.
548-550	Orange coloured breccia zone. Angle at contact = 55° to core at 548 ft.
550-555	Heavily fractured and brecciated zone. Native copper flakes.
555-556.5	Fractured angles to core at 76 to 82°.
556.5-566	Massive moderately fractured rock with light disseminated chalcocite.
566-572.5	Grey-green heavily fractured rock with light to moderate disseminated chalcocite. Angle at 527.5 = 80° to 84°.
572.5-599	Orange coloured heavily fractured to heavily brecciated fine grained rock with native copper and chalcocite. Fault gangue zones at 573 to 574, 578 to 579, 582 to 583, and 597 to 599. Native copper along fractures.
599-601.5	Breccia zone with moderate disseminated chalcocite.
601.5-602.3	Pure white dolomitized carbonate. 10% acid reaction is moderate fizzing.
602.3-631	Grey to buff orange heavily fractured rock with moderate disseminated chalcocite. Very small specs of native copper within fractures along with chalcocite grains. Local very heavy chalcocite..
631-653	Orange coloured heavily fractured to moderately fractured rock with native copper throughout. Disseminated chalcocite.

Orange
Broken
Breccia
Zones
With
Chalcocite

Buff
Pink to
Grey-
Pink
Competent
Fractured
Rock
With
Moderate
Dissemin-
ated Chalco-
cite
And
Bornite

653-660	Grey to pink-grey fine-grained rock with disseminated chalcocite light to moderate. Very fine native copper.
660-672	Orange to grey coloured fractured rock with finely-disseminated native copper and disseminated chalcocite. Also chalcopyrite locally.
672-674	Breccia zone with disseminated chalcocite.
674-698	Heavily fractured and brecciated grey to orange rock. Chalcocite with disseminated chalcopyrite from light to moderate.
698-727	Competent massive lightly-fractured grey rock with disseminated chalcocite and chalcopyrite within chalcocite blebs. At 712 ft fracture angle to the core = 78 °.
727-731	Buff orange to grey colour broken breccia zone.
731-744	Same as 698 to 727 ft.
744-750	Pink-coloured massive lightly fractured rock with erratic light chalcocite concentrations.
750-761	Same as 698 to 727.
761-764	Pink coloured massive lightly fractured rock with local erratic disseminated chalcocite.
764-793	Grey to buff light pink massive rock with fine fractures. Moderate chalcocite disseminated with erratic light chalcopyrite.
793-796	Orange coloured breccia zone with native copper and disseminated chalcocite.
796-842	Grey to buff pink moderately fractured to heavily fractured rock that is massive and competent. Moderate to heavy chalcocite concentration throughout. Chalcopyrite and bornite finely disseminated with chalcocite and as erratic fracture fillings. Entire sections well mineralized.
842-843	Carbonite-calcite vein with specular hematite and unidentified silver-black sulphide with bornite and small blebs of chalcopyrite. Chalcocite veinlets.
843-846	Pink to grey fractured rock with disseminated chalcocite.
846-885	Dark grey to black fractured rock with moderate to heavy to semi-massive chalcocite throughout. This alternates with pinkish rock with disseminated chalcocite and very small chalcopyrite and bornite specs. Moderate to very heavily fractured.
885-886	Breccia zone with disseminated chalcocite.

↓
 Pinkish
 Grey
 Fractured
 Rock
 with
 Moderate
 To
 Heavy
 Dissemi-
 nated
 Chalcocite
 ↑

886-910	Same as 846-885 with competent pinkish to grey rock that has erratic local concentrations of chalcocite with chalcopyrite and bornite specs.
910-932	At 910 there is a gradational change from competent massive rock with intermitent narrow breccia zones to rock that is incompetent due to heavy fracturing throughout the core splitters noted a change from rock which needed 2 or 3 heavy hammer blows to split to core which needed only 1 light hammer blow to split in two. 910-932 is pinkish to grey heavily fractured rock which has erratic concentrations of chalcocite with or without chalcopyrite and bornite.
932-947	Breccia zone with clasts up to 3 inches in diameter. Moderate to heavy chalcocite in semi-massive clasts in a pinkish maitrix.
947-954	Black semi-massive chalcocite with chalcopyrite and bornite clots throughout.
954-975	Pinkish to grey very heavily fractured rock with erratic chalcocite and chalcopyrite concentrations.
975-985	Continuous breccia zone with contact angle to core at 80°.
985-1018	Pinkish to pinkish-grey heavily fractured rock with only erratic light concentrations of chalcocite. Many calcite veinlets throughout. Bornite and chalcopyrite throughout.
1018-1037	Pink to grey heavily fractured to brecciated rock with intermittent erratic narrow sections from 2 inches to 1 foot of semi-massive to moderate chalcocite with disseminated bornite and chalcopyrite. Carbonate veinlets and masses up to 1 inch wide.
1041-1053	Pinkish grey to grey brecciated rock with moderate to heavy chalcocite from 1046.5 to 1047.5 ft.
1053-1053.5	White crystalline carbonate.
1053.5-1061	Pinkish to greenish-grey heavily fractured rock with erratic narrow 1 to 3 inch light to moderate chalcocite.
1061.5-1068	Greenish-pink to pink heavily fractured rock with light chalcocite.
1068-1098	Heavy brecciated to crumbly greenish grey to white to pinkish-grey rock. Crumbly broken rock resulted from caved hole when bit changed.
1098-1106	Pinkish-grey massive rock with intermittent chalcocite disseminated locally.
1106-1130	Crumbly broken pinkish rock with chalcocite disseminated.

Pink Competent Hard rock With Light Halco- cite	1130-1143	Heavily fractured but competent rock with chalcocite disseminated throughout with chalcopyrite and bornite.
	1143-1150	Core changes from brecciated softer rock to more dense and competent rock that is difficult to split like the core prior to 910.
	1150-1165	White carbonate breccia with chalcocite disseminated in angular clasts up to 4 inches in diameter. At 1163 is a 4 inch breccia zone with fault gänge. At 1165 at contact between white carbonate and pinkish-grey rock has an angle of 62° to the core.
	1165-1172	Pinkish-grey rock with erratically disseminated chalcocite. At 1172 a contact angle is 25° to the core.
	1172-1173	White massive carbonate.
	1173-1201	Pinkish-grey fractured rock with very little to light disseminated chalcocite, except for a couple of narrow sections of moderate chalcocite 1186 and 1194.
	1201-1225	Pale green-grey fractured friable aphanitic rock with moderately strong fine-grained disseminated blebs of chalcopyrite and chalcocite.
	1225-1246	Pale pinkish-grey heavily fractured to brecciated rock with finely disseminated clots of bornite and chalcopyrite.
	1246-1247	Orange breccia zone with crumbly broken fault mud. Native copper flecks.
	1247-1252	Orange coloured and hematite stained fine grained fractured rock with native copper as small blebs.
Dark Orange Rock With Native Copper Along Fractures	1252-1257	Broken fault mud with brecciated rock. Native copper along fractures and as small blebs.
	1257-1258	Broken orange to green rock with native copper.
	1258-1268	Fractured but competent dark grey to black rock with native copper together with small biotite flakes and books.
	1268-1268.5	Broken fractured rocks.
	1268.5-1270	Same as 1258-1268.
	1270-1270.8	Broken fault mud.
	1270.8-1272	Orange coloured broken to brecciated rock with native copper specs, but no chalcocite.
	1272-1273	Broken fault mud.
	1273-1282	Dark brown to black to dark- green fractured rock with calcite veinlets

Dark
green
rock
with
native
copper
flecks

Pinkish
grey to
white
In-
mineral-
ized
Competent
rock with
Disseminated
Pyrite

1282-1335	Black to dark-green massive fractured rock with biotite and erratic very light magnetite locally disseminated as small specs.
1335-1360	Dark green broken rock with small specs of native copper.
1360-1371	Pinkish green massive to fractured rock with calcite veinlets and disseminated pyrite.
1371-1416	Dark green massive rock with pyrite concentrated along fractures and disseminated throughout. Calcite along fractures. Magnetite as local small blebs.
1416-1418	Calcareous stringered rock with grey to black mud fillings..
1418-1427	Same as 1371-1416.
1427-1437	Calcareous white breccia with angular clusts of pinkish grey wall-rock and disseminated pyrite.
1437-1511	Pinkish grey-green pyritized wall rock. Some magnetite locally. Fine disseminated pyrite but no other visible sulphides.
1511	END OF HOLE- 98% to 99% Core Recovery

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 4

Dip: Collar: - 79.8°

Total Depth: 1367 feet

Casing Depth: 150 ft

Dip Correction: 78.2°

Logged By: J. Ball - Geologist

Date Begun: June 14, 2000

Bearing: 295°

Claim Afton

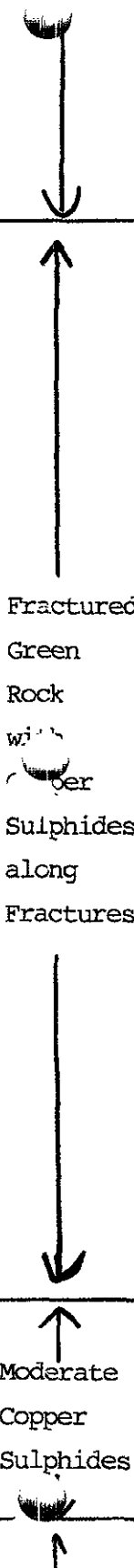
Date Finished: June 24, 2000

Elev. Collar: 1610 ft.

Core Size: NQ 2 (2 inch)

Description: "rock" = microdiorite

Depth(feet)	Description
0-150	NW Casing
150-246	Green to grey-green fractured to massive fine-grained rock with local interlaced carbonate veinlets. Finely disseminated pyrite throughout.
246-260	Green rock heavily fractured. Heavily interlaced local carbonate veinlets.
260-277	White to pale light green dolomitized and altered carbonate.
277-327	Light brown to green altered massive to fractured rock with pyrite disseminated and along fractures..
327-347	Light to heavily fractured dark green rock. Minor disseminated pyrite.
347-349	Breccia zone. Fault mud. Disseminated pyrite.
349-354	Heavily fractured mottled green rock. Pyrite disseminated and along carbonate filled fractures up to 1/4 inch wide.
354-356	Dark green breccia. Some pyrite.
356-366	White to pale to grey strong breccia zone. Rounded fragments. Contact angle to core at 366 ft = 60°. Disseminated pyrite.
366-372	Greenish brown fractured rock. No visible pyrite.

 <p>Fractured Green Rock with Sulphides along Fractures</p>	372-376.5	Green fractured rock with fine disseminated pyrite.
	376.5-379	White to light grey carbonate breccia. Light pyrite.
	379-381	Breccia zone- No visible pyrite. Small clots along fractures of chalcocite and chalcopyrite.
	381-390	Heavily fractured pinkish-grey rock with black chalcocite and bornite disseminated and along fractures. At 382 ft. veinlet of chalcopyrite 1 inch wide broken and fractured.
	390-398	Dark green to dark grey magnetite clots. Fizzes easily. Disseminated chalcocite throughout.
	398-404	Grey to grey-green lightly fractured rock with mottled disseminated chalcocite with minor chalcopyrite. Serpentine along fractures. Entire rock fizzes easily.
	404-404.5	Broken breccia zone.
	404.5-411	Competent massive green rock. Fractures filled with minor magnetite and carbonates. Fizzes easily. Local chalcopyrite and bornite. Rock very hard and strong
	411-420	Dark green massive competent very hard rock with off-white albite alteration. Slightly magnetic locally. Moderately disseminated chalcocite with fine chalcopyrite and bornite.
	420-435	Grey green massive albitized rock. Fizzes easily. Moderate to heavy disseminated bornite, chalcopyrite and chalcocite.
	435-452	At 435 rock becomes considerably softer and easier to split until 455. Green to grey-green fractured rock with disseminated bornite, chalcocite, and chalcopyrite as mottled growths and blebs.
	452-453	Broken breccia zone with mud and hematite staining.
	453-500	Green to grey- green massive to lightly fractured rock with moderately disseminated bornite, chalcocite, and chalcopyrite. Not magnetic. Strong albite alteration throughout. Locally where rock is not strongly altered to albite it fizzes readily with 10% HCL.
	500-506	Pinkish-grey moderately to strongly fractured rock with moderate to heavy disseminated bornite with chalcocite and minor chalcopyrite and minor chalcopyrite Semi-massive bornite and chalcocite at 504, 505, and 506 ft.
<p>Moderate Copper Sulphides</p>	506-506.4	Semi-massive chalcocite and bornite. Contact angle at 506 ft. = 48° to the core.
	506.4-507.7	Breccia with heavily ground rock and fault mud.

Breccia
Zone
Native
Copper
+
Chal-
cocite

507.7-508.5	White carbonate moderately fractured . Disseminated black sulphides in maitrix.
508.5-520	Orange very strong broken breccia with broken fault mud that has heavy hematite staining and slickensides. Native copper as sheets throughout the hematite stained section. Disseminated chalcocite and bornite throughout. Fizzes easily with 10% HCL.
520-527	Burnt red to grey hematite stained heavily fractured and broken incompetent rock with moderate native copper along fracture planes and disseminated as clots. Chalcocite as light to medium disseminations.
527-548	Orange broken crumbly breccia with tault mud. Very heavily broken incompetent rock. Hematite stained. Fizzes strongly with 10% HCL. Minor sulphides as disseminated chalcocite. Not magnetic.
548-552	Crumbly broken dark green rock with minor disseminated chalcocite. Fizzes easily. Same breccia zone that starts at 527 feet, but colour changes.
552-554	Same as 527-548.
554-556	Burnt red limonite stained carbonate with minor sulphides. Fault gange at 554: Contact angle = about 80° to the core.
556-557	Grey fractured rock with moderate disseminated chalcocite and bornite.
557-558	Broken fault gange and mud with disseminated chalcocite.
558-558.7	Limonite stained fault mud.
558.7-595	Light green to grey-green heavily fractured rock with carbonate veinlets and disseminated calcite. Fizzes very easily. Nil to very minor sulphides. Fault mud at 574-575, 580-580.6, 586-586.5 ft.
595-596	Orange fault mud.
596-606.5	Greyish-pink to pinkish grey competent fractured rock with light chalcocite and bornite.
606.5-607.3	Orange fault mud. Hematite stained. Native copper flecks thought.
607.3-611.5	Same as 596 to 606.5.
611.5-614	Pinkish-grey competent albitized rock with heavy to semi-massive disseminated chalcocite with bornite and local chalcopyrite.
614-616.5	Orange hematitic rock with disseminated chalcocite. No native copper.
616.5-629.5	Same as 611.5 to 614.

Moder-
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Native
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+
Copper
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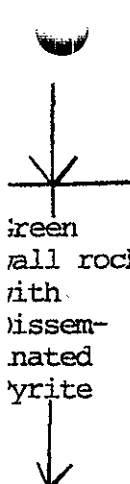
629.5-637.5	Flesh coloured to light pink competent albitized rock with local light disseminated chalcocite. Fault mud at 633 to 633.4 and 636 to 636.7.
637.5-650.2	Same as 611.5 to 614 with a few hematite stained narrow zones. Chalcocite ranges from light to moderate.
650.2-652	Light green to pink coloured competent rock with local light disseminated chalcocite and bornite. Comparison to hole 2 (614 ft.) with the same type of gritty sandstone like unmineralized rock.
652- 657	Orange hematite stained fractured rock with moderate chalcocite and local small flecks of native copper.
657-665	Green to orange hematite stained rock with light to moderate chalcocite and bornite.
665-667	Strong hematite stained zone with native copper flecks.
667-675	Fractured competent brown-grey rock with light to moderate chalcocite and bornite.
675-676	Broken crumbly hematite stained mud.
676-684	Hematite stained fractured rock with native copper flecks throughout.
684-686	White to grey carbonate breccia. Appears to be dolomite with no sulphides.
686-700	Pinkish-grey to light-grey dolomite rock with light to moderate disseminated chalcocite-bornite.
700-705	Light-green to light flesh coloured massive rock that has "clouds" of semi-massive fine grained chalcocite-bornite. It is evidence for sulphide chalcocite replacement of calcareous mudstones before consolidation.
705-710	Hematite stained fractured rock with native copper specks.
710-716.5	Light green competent rock with light to moderate disseminated chalcocite-bornite in only a few locations.
716.5-718	Broken crumbly fault mud. Hematite stained.
718-722	Hematite stained fractured competent rock with moderate to semi-massive chalcocite and bornite with native copper flecks.
722-732	Dark grey to black competent rock with moderate to semi-massive chalcocite and bornite together with native copper flecks throughout. Strong mineralization. Massive chalcocite 1/4 inch wide in specimen.
732-737	Hematite stained fracture rock with moderate chalcocite and native copper flecks.

Moder-
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Strong
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Chal-
cocite
and
Copper
Sulphides

737-737.5	Orange fault mud.
737.5-740	Fractured rock with medium chalcocite.
740-743	Green-grey fault mud with chalcocite.
743-744	Broken rock with chalcocite.
744-747	Grey-green fault mud with chalcocite.
747-751	Fractured rock with moderate to heavy chalcocite and bornite..
751-752	Orange fault mud with native copper flecks.
752-769	Dark grey to black fractured rock with moderate to heavy chalcocite and bornite grading to semi-massive and even massive chalcocite in a few locations. The semi-massive sections have native copper flecks throughout along fractures. Bornite specks up to 3 mm wide locally. Late calcite veins cut all rocks.
769-825	Heavily fractured and brecciated competent rock from pinkish grey to medium grey to black. Narrow sections of semi-massive chalcocite and bornite together with local chalcopyrite together equate to very good copper grades. Carbonate late veins are interspersed through all sulphide types. Sub angular and angular mineralized clasts in pink carbonate maitrix from 801 to 802 ft.
825-826	Hematite stained fractured rock.
826-828	Competent pink rock with disseminated chalcocite and bornite.
828-845	Same as 769-825.
845-847	Pinkish grey brecciated rock with light to moderate chalcocite locally. Possible dyke rock or impermeable sedimentary horizon. Minor serpentine along fractures.
847-862	Heavily fractured grey-green rock with late calcite veins and serpentine along fractures. Light to low-medium of chalcocite and bornite.
862-866	Broken rock with mud and chalcocite fragments.
866-868	Heavily fractured pinkish-grey rock with chalcocite.
868-870	Same as 862-866.
870-871	Same as 866-868
871-874	Same as 862-866.
874-876	Same as 866-868.

876-882	Pinkish-grey heavily fractured and brecciated rock with moderate chalcocite and bornite.
882-883.5	Crumbly broken mud with sulphide clasts.
883-885	Brecciated but competent rock with moderate disseminated chalcocite.
885-888	Crumbly broken fault mud with chalcocite.
888-890.5	Fractured rock with moderate chalcocite.
890.5-891	Same as 885 to 888.
891-897	Fractured rock with light to medium chalcocite.
897-899	Same as 885 to 888.
899-913	Fractured and brecciated pinkish-grey rock with medium sulphides.
913-915	Same as 885 to 888.
915-920	Same as 899 to 913.
920-923	Same as 885 to 888.
923-927.5	Same as 899 to 913.
927.5-932	Same as 885 to 888
932-937.5	Same as 899 to 888
937.5-938.7	Same as 885 to 888
938.7-940	Fractured grey-pinkish dusty rock with medium sulphide.
940-941	Green serpentized and sheared rock with minor chalcocite.
941-942	Competent green-grey rock with moderate disseminated chalcopyrite and chalcocite. Heavy chalcopyrite locally.
942-980	Competent grey- green brecciated rock with light to moderate disseminated chalcocite. Bornite and chalcopyrite locally. Sulphides vary from nil to light to heavy in a few short sections of about 8 inches in length.
980-981	Broken breccia with fault mud.
981-990	Fractured and brecciated grey-green rock with serpentine on fractures locally and light to moderate chalcocite.
990-999	Very hard competent rock from strong pale white albite alteration. Light to locally heavy disseminated fine-grained chalcopyrite. Chalcocite throughout.

Moderate to Strong Intermittent Chalcocite and Copper Sulphides	1116-1118	White carbonate breccia.
	1118-1135	Green fractured rock with serpentine along fractures. Disseminated chalcocite throughout from very light to moderate.
	1135-1136	Competent breccia with light mineralized breccia fragments throughout.
	1136-1146	Light to dark grey heavily fractured rock with moderate amount of calcite veinlets. Chalcocite disseminated locally.
	1146-1147	Breccia zone. Black sulphides throughout.
	1147-1172.5	Competent breccia with angular clasts up to 1 inch in a soft altered light grey carbonate matrix. Predominantly bornite with minor chalcopyrite erratically distributed. White carbonate dolomitized veins up to 2 inches wide as at 1170 ft.
	1172.5-1174	Crumbly breccia zone with black sulphides.
	1174-1187	Brecciated competent rock with light grey to greenish-grey colour. Dark-grey finely disseminated chalcocite with local disseminated bornite throughout.
	1187-1191	Dark grey to dark-green breccia zone with erratic low amount of finely disseminated sulphides.
	1191-1194.5	Broken fractured dark grey rock with light disseminated sulphides.
Hematite and Iron Flooded Massive Rock with Low Copper Sulphides and Chalcocite by Native Copper Flecks along Fractures	1194.5-1195.5	Crumbly fault breccia zone. Very low disseminated chalcocite and bornite.
	1195.5-1247	Dark orange hematite stained competent rock. Calcite along most fracture. Native copper flecks from 1 to 4 mm across along many fractures. Only minor chalcocite and bornite.
	1247-1251	Altered light-grey to whitish-grey fractured rock with small clots of chalcocite. No visible bornite.
	1251-1302	Same as 1195.5-1247. Hematite throughout as coating of all fractured planes. Slickensides throughout.
	1302-1303	Iron-stained white carbonate veinlet. Minor chalcocite at 1303 ft.
	1303-1344.5	Same as 1251-1302. Strongly hematite flooded. From 1308-1334 semi-massive to massive hematite with a few specks of native copper.
	1344.5-1344.8	Strong contact angle = 78 degrees to the core.



1344.8-1359	Medium grey competent rock with orange tinge. Fractures filled with mafic minerals. Minor pyrite disseminated throughout. Slightly magnetic locally. Breccia fragment 2 inches wide is slightly magnetic. No visible chalcocite, bornite or chalcopyrite.
1359-1367	Medium green competent breccia with carbonite veinlets and clots up to 2 inches across. Pyrite locally disseminated and along fractures and veinlets. No visible copper sulphides. From 1362 to 1367 increasing amounts of pyrite. Non-magnetic- Reacts to 10% HCL along all calcite-filled fractures.
1367	END OF HOLE- Core-barrel became stuck at bottom of hole and hole was abandoned. 98% to 99% Core Recovery

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 5

Dip: Collar: 84° at collar

Total Depth: 1367 Feet.

Casing Depth: 130 ft.

Dip Correction: 82.6°

Logged By: J. Ball-Geologist

Date Begun: June 28, 2000

Bearing: 325°

Claim: Afton

Date Finished: July 10, 2000

Elev. Collar: 1610 ft.

Core Size: NO 2 (2 inch)

-0-835 ft

BO (1 1/4 inch)

-835 to 1362 ft.

Description: "rock" = microdiorite

Depth	Zone	Description
0-130		NW Casing.
130-399		Grey-green fractured competent rock with calcareous cross-cutting veinlets. Pyrite disseminated and along fractures. Slightly magnetic locally. Hematite throughout.
399-401		First breccia zone. Heavily fractured with mud.
401-411		Grey-green competent but fractured rock.
411-434		Grey-green fractured to locally brecciated rock with local disseminated pyrite but no other visible sulphides. Intense brecciation with moderate disseminated pyrite from 418 to 425 ft. Very slightly magnetic.
434-436.5		Very heavily brecciated rock with moderate to heavy mud.
436.5-444		Breccia zone with light amounts of chalcocite locally disseminated throughout matrix. Heavy brecciation with moderate to heavy mud. Pyrite disseminated and concentrated as clots.

444-451	with Chalcocite	Moderately fractured and partly brecciated grey to grey-green rock with moderately disseminated chalcocite together with bornite and chalcopyrite. First moderately mineralized section.
451-464	* Heavily Brecciated Broken rock	Orange coloured heavily brecciated zone with moderate to heavy mud. Erratic disseminated chalcocite with minor very small flecks of native copper.
464-467	* Heavily Fractured Rock with Chalcocite	Fractured grey rock with a slight orange tinge. Chalcocite along fractures and as dendritic growth.
467-500		Fractured grey green rock with light to moderate chalcocite along fractures. Many narrow sections are devoid of sulphides.
500-502		Orange coloured breccia zone with no visible native copper.
502-528.5		Same as 467-500 with a few native copper flecks.
528.5-530		Broken breccia zone with mud. Minor disseminated chalcocite.
530-539		Heavily fractured zone with moderate to locally moderately-heavy disseminated chalcocite and bornite. Overall more chalcocite than anywhere previous.
539-562		Pinkish-grey to grey-green fractured rock with very light to light disseminated chalcocite. Some sections of 4 feet have no visible sulphides. Calcite veinlets throughout.
562-564		Broken muddy breccia zone with very light chalcocite.
564-622	* Heavily Broken and Brecciated Hematite Stained Rock with Chalcocite	Same as 539-562.
622-633	* Heavily Broken and Brecciated Hematite Stained Rock with Chalcocite	Orange coloured heavily fractured and brecciated rock with disseminated chalcocite from light to moderate and native copper flecks along fractures. Cross cutting late calcite veinlets. Contact angle at 622 ft = 53°.
633-634.5		Grey-brown breccia same as 622-633. Copper rich solution have not permeated the rock and changed it to an orange colour.
634.5-652		Same as 622-633 but more intensely fractured and brecciated. Light to heavy disseminated chalcocite and bornite throughout.



652-656	Inter- mittently Broken Rock with Chalcocite	Light to medium grey brecciated rock with light to moderate disseminated chalcocite. Angle to core of fault contact at 656 ft = about 78°.
656-668		Same as 622-633. Strongly broken and fragmented. Disseminated chalcocite and very sparse erratic native copper.
688-696		Green to pink speckled and altered rock that is heavily fractured and relatively soft. Disseminated blebs of native copper and also concentrated along fractures. Pink potassium feldspar granular crystals throughout.
696-699	Buff Orange to Grey rock with Moderate to Heavy Native Copper	Green coloured heavily fractured rock with strong alteration. Rock relatively soft. Native copper along fractures.
699-708		Orange to dark grey fractured rock with local heavy blebs and veinlets of native copper. Chalcocite from light to very heavy. Overall a heavily mineralized section.
708-708.6		Broken breccia zone with light mud.
708.6-718.5		Massive dark grey fractured to brecciated rock with moderate to heavy disseminated chalcocite mineralization with fine disseminated bornite.
718.5-724		Same as 699 to 708 but with very heavy native copper stringers and clots up to 1 cm across. Moderate chalcocite and bornite disseminated throughout.
724-726		Light green relatively soft altered possible dyke rock with light disseminated chalcocite.
726-727		Orange massive hematite stained rock with very heavy disseminated chalcocite, bornite, and chalcopyrite.
727-733.5		Light to dark grey to pinkish-grey massive fractured rock with light to moderate disseminated chalcocite.
733.5-736.7		Contact at 733.5 along joint plane with orange fractured rock that has heavy native copper veinlets and clots up to 1 cm across. Disseminated chalcocite.
736.7-747		Same as 727-733.5 with massive sections.
747-748		Orange breccia zone with mud.
748-757		Massive fractured pink coloured altered hard rock with late calcareous veinlets and light local disseminated chalcocite.

757-771	Pink to Buff Pink to Pinkish Grey Rock with Light to Moderate to Locally Heavy Chalcocite and Bornite	Light buff pink to whitish grey fractured but competent and hard rock with erratic local concentrations of cloudy disseminated light to heavy chalcocite over short 6 inches to 2 foot intervals. Semi-massive chalcocite from 765 to 765.5.
771-772		White dolomitic vuggy carbonite with no sulphides.
772-786		Light buff pink to medium pink competent hard rock with moderate to heavy concentrations of chalcocite and bornite continuing through the entire length. Local brecciated sections have heavy disseminated to short semi-massive sections of chalcocite. No native copper.
786-797		Buff to intense pink fractured to brecciated fine-grained to granular potassium feldspar rock with local heavy disseminated concentrations of chalcocite up to 6 inches in length.
797-801		Buff pink potassium feldspar heavily fractured rock with moderate to heavy disseminated chalcocite with bornite.
801-804		Pinkish-white to greyish-white dolomitized carbonate with calcite veinlets and local light chalcocite.
804-815		Buff-pink to greyish pink potassium feldspar rock with local light chalcocite.
815-816		Breccia zone of pinkish white rock.
816-834		Buff pink to whitish pink rock with nil to light local chalcocite. Locally brecciated but competent.
834-834.3		Breccia zone 1 ½ inch wide at an angle of 74° to the core.
834.3-858		Buff pink to whitish-pink heavily fractured potassium feldspar rock with carbonate veins up to 2 inches wide. Local light concentrations of disseminated chalcocite.
858-910		Fracture angle at 80° to the core. Buff pink to whitish pink fractured to brecciated rock with carbonate veins up to 1 inch wide. Short lengths of heavy disseminated chalcocite. Chalcopyrite locally strongly disseminated, and bornite moderately disseminated.
910-913	Broken Brecciated Rock	Heavily broken and brecciated rock with mud. Moderate to heavy chalcocite.
913-920		Same as 858-910.

920-948.5	Pink Competent Rock	Buff pink to whitish pink fractured feldspar rock with local carbonate veins up to ½ inch wide and light to heavy disseminated chalcocite.
948.5-949.5	Broken Brecciated Rock	Heavily broken and brecciated zone with local light chalcocite.
949.5-951		Heavily broken and brecciated zone with mud. Only very minor chalcocite.
951-960.5	Buff Pink to Pinkish- Grey Altered Rock with Light to Heavy Dissemin- ated Chalcocite	Oh white to buff pink fractured to locally heavily brecciated over narrow sections rock. Light to moderate chalcocite and chalcopyrite locally.
960.5-961.5		Heavily brecciated, fractured and broken zone.
961.5-962.5		Heavily fractured white dolomitized carbonate vein.
962.5-973		Heavily brecciated zone with mud.
973-977.5		White to whitish-pink brecciated dolomitic carbonate rock with no visible sulphides or chalcocite except in one breccia clast.
977.5-984		Whitish-pink dolomitized carbonate breccia with light chalcocite.
984-990		Buff pink fractured to brecciated carbonate with white dolomitic sections and light chalcocite locally. 985 to 987 is heavy disseminated chalcocite.
990-992		Breccia zone heavily broken with mud.
992-997		Buff pink to whitish pink brecciated zone with light chalcocite locally.
997-1002		Pink heavily fractured rock with moderate to heavy disseminated chalcocite and chalcopyrite. From 998.5 to 1001 are veinlets of massive chalcocite from 1 mm to 1 cm wide that cross the core at low angle from 30° to 40°.
1002-1020		Moderately to heavily brecciated buff pink to buff pale white rock with light to moderate locally concentrated disseminated chalcocite and cross-cutting stringers of chalcocite and carbonates.
1020-1020.5		White carbonate brecciated but competent rock.
1020.5-1022		Heavily broken and brecciated zone with mud and very minor chalcocite.

1022-1024		White carbonate competent breccia.
1024-1084		Buff pinkish-grey to greenish-grey fractured but competent rock with varying concentrations of light chalcocite. Much of the core is relatively unmineralized with only erratic local concentration varying from very finely disseminated light grey cloudy chalcocite to 2 to 3 inch wide bands of darker heavy chalcocite. White carbonate veinlets from 0.5 cm to 2 cm wide. Brecciation is erratic.
1084-1086		White carbonate breccia veinlets. Fracture Angle to core = about 85°.
1086-1092.5		Brecciated broken zone with intermittent 10 inch sections that have heavy mud such as from 1087 to 1088 and 1090 to 1091.5. Breccia clasts mineralized from 1087 to 1088.
1092.5-1111		Buff pink to greyish pink to grey brecciated to heavily fractured rock with light to moderate to locally heavy concentrations of chalcocite. Moderate to heavy disseminated chalcocite starts at 1090 ft. At 1105 to 1106.5 series of fractures 3cm apart off sets a 0.5 cm calcite veinlets by 1 cm between fractures.
1111-1112.5	Broken Brecciated Zone	Heavily brecciated fault zone with heavy mud and moderate disseminated chalcocite. Fracture angles to the core vary with the major one at 73° to the core.
1112-1135		Heavily broken and brecciated grey to grey-green rock with erratic mud. Chalcocite nil to light. No visible chalcopyrite. Slickensides along fracture plane.
1135-1138	Buff Pink to Grey Rock with Light to Moderate Chalcocite and Chalcopyrite	Competent pinkish-grey to grey-green rock with light to moderate chalcocite.
1138-1140		Major fracture angle at 75° to the core with moderate chalcocite.
1140-1157		Pink to pinkish-grey and pinkish-green competent massive fractured rock with light to moderate to locally heavy chalcocite disseminated throughout the entire rock.
1157-1158.5		Fractured broken breccia zone.
1158.5-1165		Pinkish grey competent rock with light to moderate disseminated chalcocite.
1165-1169		White to whitish grey fractured dolomitic carbonate rock.

1169-1181		Pink to pinkish-grey fractured rock with light to moderate disseminated chalcocite with fine disseminated bornite and chalcopyrite.
1181-1201		Pink to pinkish-grey fractured competent rock with moderate to heavy chalcocite and bornite. Carbonates in narrow fractures.
1201-1205		Pinkish-grey competent rock with light disseminated chalcocite.
1205-1212		Pink to pinkish-grey fractured rock with moderate disseminated chalcocite.
1212-1216.5		White to whitish grey carbonate breccia with nil to light disseminated chalcocite.
1216.5-1242		Pink to pinkish-grey to grey competent fractured rock with light to moderate disseminated chalcocite and bornite. Local heavy brecciation.
1242-1251	Broken Brecciated Rock with Light Chalcocite	Heavily fractured pinkish-green-grey to grey rock with light to moderate to locally heavy chalcocite and chalcocite.
1251-1252.5		Brown breccia zone.
1252.5-1258		Dark green brecciated rock with disseminated chalcopyrite and chalcocite finely disseminated throughout.
1258-1260.5		Broken-fractured Breccia zone with mud.
1260.5-1266.5	White Carbonate Breccia	White carbonate breccia zone. No visible sulphides or chalcocite.
1266.5-1274		Whitish-grey breccia with nil to light chalcocite.
1274-1293	Pink to Grey Rock with Light Chalcocite	Grey to pinkish grey competent rock with light to locally moderate chalcocite.
1293-1307		Same as 1274 to 1293 with nil to light disseminated chalcocite.
1305.5-1307		Grey fractured rock with moderate disseminated chalcocite.
1307-1310	Pink rock with Light Chalcocite	Pink to pinkish-grey fractured rock with light disseminated chalcocite.

1310-1319	Orange Hematite Stained Rock with no Visible Sulphides 	Orange hematite stained broken brecciated rock with erratic local mud. Light disseminated chalcocite.
1319-1319.4		Hematite stained mud for 2 inches within competent rock with an angle of about 70°.
1319.4-1340		Buff orange coloured hematite stained fractured but competent mafic rock with cross-cutting calcite 1 mm fracture fillings and dark green mafic minerals. Chalcocite along a few fractures only.
1340-1350		Same as 1319.4 to 1340 but with lighter amount of hematite staining. No native copper along fractures.
1350-1362	Dark Green Competent Rock with Native Copper Growths in Fractures 	Dark green hard competent mafic amphibolite like rock with native copper as small blebs along fractures from 1 to 4 mm wide.
1362		END OF HOLE TERMINATED: 98 to 99% Core Recovery

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 6

Dip: Collar: 77° at collar

Total Depth: 1316

Casing Depth: 150FT.

Dip Correction:

Logged By: J. Ball-Geologist

Date Begun: July 16, 2000

Bearing: 272°

Claim: Afton

Date Finished: July

Elev. Collar: 1610

Core Size: NQ2 (2inches)

Description: "rock" = microdiorite

Depth	Description
0-150	NW Casing (No Core recovered)
150-408	Light-green to grey-green calcareous fine grained rock with minor disseminated pyrite and calcite veinlets up to 5 mm wide. Much of the calcareous veinlets fillings have been dolomitized. Relatively soft and unaltered rock.
408-416	Very heavily broken and brecciated rock in a light grey mud matrix. Very minor disseminated chalcocite. Contact at 408ft=55° perpendicular to the core.
416-418	White foggy carbonate breccia. Very competent and solid.
418-419	Grey broken breccia with mud filling.
419-422	Buff pink competent altered rock with intermittent cloudy disseminated chalcocite.
422-423	Dark grey heavily disseminated chalcocite and bornite in buff pink competent rock.
423-439.5	Buff-pink to greyish-pink rock with calcareous veinlets up to 2 cm across. Erratically distributed cloudy disseminated chalcocite and bornite as mottled patches. Chalcocite nil to light.

Locally
Moderate
Chalco-
cite
And
Bornite

Broken
Breccias
with
Minor
Chalcocite

Buff Pink
Competent
rock with
light
Chalcocite

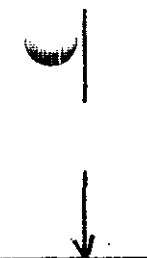
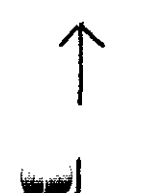
439.5-443		Black to dark grey semi-massive to massive chalcocite with local moderate to heavy chalcopyrite. At 440 ft. a 6 inch band of heavy chalcopyrite crosses dolomitized carbonate.
443-467		Buff pink to greyish pink competent fractured rock with light to moderate to locally heavy concentrations of chalcocite with bornite. Bornite predominant throughout as purple splotches.
467-470.5		White carbonate breccia with light patchy chalcocite spots. Competent dolomitized section contact angle at 467ft = about 76° perpendicular to the core.
470.5-492		Buff pink to greenish pink altered fractured rock with light to moderate chalcocite and bornite. Rock becoming softer and more broken from 485 to 492. At 492 ft contact fracture = about 80°. Carbonate veinlets from 2 mm to 3 cm wide.
492-500		Buff pink to greyish pink fractured partly broken section with light to moderate disseminated chalcocite, bornite, and chalcopyrite.
500-502		Broken very brecciated zone with mud maitrix. Major fractures at angles of 80° perpendicular to the core.
502-512		Buff pink to greyish-greenish pink fractured rock with light to moderate chalcocite. Breccia zones with mud at 504 to 504.5, 505.5 to 506, 507 to 508, 509.5 to 509.9 feet.
512-542		Greenish-grey to greyish-green with a pink tinge fractured rock with heavy fractures from 519.5 to 521. Very heavily fractured 533 to 534.5 and 536.5 to 539. Very low to no visible chalcocite throughout.
542-559		Fractured and brecciated section. Heavy breccia zones locally. Moderate to heavy disseminated chalcocite and bornite together with chalcopyrite. Heavily fractured zone ends at 559ft.
559-569		Buff pinkish grey competent rock with nil to light chalcocite. Carbonate veinlets from 1/16 inch to 1 inch wide cut core at high angles from 70° to 80°.
569-596		Pinkish-grey to greenish pinkish grey fractured rock locally brecciated. Light to locally moderate chalcocite. Carbonate veinlets cut core at all angles.

Intermittent Broken Brecciated Fractured Rock With Moderate Chalcocite And Bornite	596-610		Moderately brecciated section with light to moderate chalcocite throughout. Breccia locally very heavy with thin sections of mud.
	610-617		Heavily brecciated zone with mud matrix and angular clasts of black rock with heavily disseminated to massive chalcocite.
	617-631.5		Moderate breccia continues with local mud and heavily fractured to brecciated rock. Moderate to heavy disseminated chalcocite throughout.
	631.5-639		Heavily brecciated section with mud throughout and angular clasts of cloudy dark-grey chalcocite locally through the breccia.
	639-654		Heavily fractured to locally brecciated zone with locally broken soft friable rock. Black cloudy chalcocite disseminated from light to moderate throughout.
Orange Hematite Zn	654-659		Broken breccia zone with mud. Moderate chalcocite.
	659-664		Orange coloured very heavily fractured and brecciated section with heavy mud throughout. Chalcocite through the mud and as semi-massive breccia clasts. Possibly comparable to 622 to 638 in hole DDH 2K-5. Serpentine along fractures throughout.
Buff Pink To Grey Competent Rock With Moderate Chalcocite And Bornite	664-677		Dark-grey to black rock with a buff-pink tinge. Heavily fractured and locally brecciated but competent. Moderate to heavy disseminated chalcocite and bornite with locally moderate chalcopyrite. Overall high chalcocite content. Semi-massive bornite along 1/16 inch to 1/8 inch fractures local heavy chalcopyrite.
	677-678		Rounded pebbles up to 1 inch across appear to have resulted from drilling.
	678-683		Same as 664 to 677.
	683-685		Major fracture angle at 75° to the core. Heavily brecciated but competent section. Breccia clasts with moderate chalcocite. At 685 major fracture is 75° to perpendicular the core.
	685-701		Grey to dark grey with a pinkish tinge fractured but competent rock with moderate to locally heavy chalcocite and bornite. Chalcopyrite disseminated and in clots. Calcite veinlets up to 1/16 inch wide.

710-702		Greyish brown heavily fractured rock forms a major fracture angle of 70° to perpendicular the core.
702-706		Brecciated but competent grey rock with a pinkish tinge. Moderate chalcocite and bornite concentrations.
706-706.5		Breccia zone with fractures at 70° to perpendicular to the core.
706.5-715		Heavily fractured competent rock with moderate to heavy disseminated chalcocite with minor bornite. Local chalcopyrite concentrations.
715-715.4		Broken breccia zone with mud.
715.4-740		Dark grey moderately to heavily fractured but very competent rock with moderate to heavy chalcocite and bornite with local heavy chalcopyrite. Pink altered rock has been completely invaded by chalcocite. Sections which are relatively competent and unfractured have similar heavily disseminated chalcocite indicating the mineral had flooded into unconsolidated rock, or been within the rock as a primary constituent, rather than as epigenetic fracture-fillings.
740-759		Pinkish-greenish-grey fractured but competent rock with light to locally moderate chalcocite and bornite. Relatively soft friable lightly mineralized sections.
759-767		Pinkish-greenish grey moderately fractured rock with light to moderate to locally heavy (over 2 to 3 inches) chalcocite and bornite.
767-769		Competent breccia zone with clasts composed of chalcocite disseminated.
769-800		Pinkish-grey rock to pink rock with carbonate veinlets and light to moderate chalcocite and bornite.
800-835		Pinkish greenish-grey heavily fractured but competent rock with moderate to locally heavy very finely disseminated chalcocite
800-835		Pinkish greenish-grey heavily fractured but competent rock with moderate to locally heavy very finely disseminated chalcocite throughout together with local concentrations and veinlets up to 1/4 inch wide of chalcopyrite.

Buff Pink
 To Grey
 Competent
 And Hard
 With
 Moderate
 To Locally
 Heavy
 Chalcopy-
 rite,
 Chalcocite,
 And
 Bornite

835-841		Competent brownish-green rock with very minor chalcocite and bornite as very fine dissemination and along veinlets up to 1/16 inch wide. Could be dyke rock that invaded the sequence. Slightly magnetic.
841-851		Heavily brecciated but competent moderately fractured rock with moderate chalcocite together with bornite and with veinlets and clots of chalcopyrite.
851-858		Competent heavily brecciated section with light moderately disseminated chalcopyrite together with chalcocite and bornite.
858.5-861.5		Breccia with moderate to heavy chalcocite and bornite.
861.5-862.8		White carbonate breccia with no chalcocite.
862.8-868		Buff-pink to buff -pinkish-greenish-grey fractured but competent rock with light to moderate chalcocite. Chalcopyrite also as fine disseminations along carbonate veinlets.
868-872		Buff-pinkish-grey brecciated but competent rock with light to moderate chalcocite and chalcopyrite.
872-931		Buff-pinkish-grey to buff-pink fractured but competent rock with light to moderate to heavy concentrations of chalcocite and bornite with chalcopyrite as mottled, dendritic and interlaced concentrations up to 5/8 inch wide.
931-937		Buff-pink to green-pink brecciated but competent rock with chalcopyrite veinlets up to 1/4 inch and with chalcocite lightly disseminated locally.
937-958		Buff-pink to buff-pinkish-grey fractured but competent and very hard rock with moderate to locally heavily disseminated chalcopyrite and chalcocite-bornite. Chalcopyrite also forms veinlets up to 1/32 inch across cutting the core at all angle. From 937ft. through to 1028ft. the rock is considerably harder than similar sections in DDH 2K-4 which is 120 feet northeast.
958-964		Greenish-grey brecciated rock that is soft and friable. Light chalcocite and bornite compared to previous sections.

	964-1028		Dark grey to pinkish-grey very hard and competent rock with calcite along fractures and joints. Moderate to heavily disseminated bornite, chalcocite and locally strong chalcopyrite. This is the heaviest mineralized section in the drill-hole to this footage with continuous black chalcocite and dendritic chalcopyrite growths.
Greenish Grey Fractured Partly Friable	1028-1035	Rock With Chalcopyrite, Chalcocite, And Bornite	Dark grey to light greenish-grey rock that is more fractured, friable, and softer than the previous sections. Light to moderate very finely disseminated chalcocite, bornite and chalcopyrite.
Buff-Pink Fractured Rock With Moderate Finely Peppered Chalcopyrite And Bornite	1035-1054		Buff-pinkish-greenish-grey fractured but competent rock with light to moderate finely disseminated or peppered chalcocite, bornite, and chalcopyrite. Locally partly broken and friable.
	1054-1057		Broken heavily fractured and brecciated pinkish-grey rock.
	1057-1072		Pinkish-greenish grey brecciated rock with light to moderate chalcopyrite and chalcocite together with bornite.
	1072-1074		Broken heavily fractured zone with mud.
Buff-Pink Rock With Light To Moderate Chalcopyrite	1074-1123		Buff pinkish-dark-grey fractured but competent rock with cross-cutting 1/32 inch carbonate veinlets. Moderate to locally heavy disseminated and interlaced chalcopyrite together with chalcocite and bornite. Narrow semi-massive sections chalcocite and bornite through-out.
	1123-1123.3		Broken breccia zone with heavy mud. First zone with mud since 715 ft.
	1123.3-1135		Same as 1074 to 1123ft.
Pink-Grey Rock With Light To Locally Moderate Chalcocite	1135.5-1139		Buff-pinkish-greenish grey fractured but competent rock with light to locally moderate chalcopyrite, chalcocite, and bornite.
	1139-1140		Broken breccia zone with mud.
	1140-1142		Same as 1135.5 to 1139ft..
	1142-1143.5		Broken breccia zone with partial mud.
	1143.5-1170		Buff pinkish-green moderately fractured and partly friable rock with light to nill very finely disseminated chalcopyrite and bornite in a few local bands. Heavily broken rock from 1151 to 1151.4 feet. Chalcopyrite clots from 1/16 to 1 inch wide at 1148, 1159, and 1163.5 feet.

Pinkish-
Greenish-
Grey
Friable
Soft
Rock With
Pyrite

Carbonate

Greyish-
Green
Friable
Soft
Rock
With
Disse-
minated
Pyrite

1170-1182		Buff-pinkish-greenish-grey partly broken and friable rock with lightly disseminated pyrite. Breccia zones with mud from 1173 to 1173.5, and considerably softer and less altered and competent than from 760 to 1135 feet. Rock is considerably softer and less altered and competent than from 760 to 1135 feet. First time pyrite occurs since before 408 feet.
1182-1183		Whitish-grey carbonate breccia.
1183-1190		Dark-grey to buff-pinkish-grey competent rock with finely disseminated pyrite throughout. Slightly magnetic. No chalcocite.
1190-1191.4		Whitish-grey carbonate breccia with mud.
1191-1316		Buff-pinkish grey to greyish-green fractured and locally friable but competent rock with local finely disseminated pyrite and hematite along fractures. Very fine pyrite is also disseminated throughout the rock locally. Slightly magnetic. No visible chalcocite or copper sulphides.
1316		END OF HOLE.

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 7

Dip: Collar: -86°

Total Depth: 1268 FT.

Casing Depth: 132 FT.

Logged By: J. Ball-Geologist

Date Begun: July 24, 2000

Bearing: 270°

Claim: Afton


Date Finished: July 30, 2000

Elev. Collar: 1610 FT.

Core Size: NQ2 (2inches)

Description: "rock" = microdiorite

Depth (Feet)	Zone	Description
0-132	FEET	Casing
132-208	Grey-green to dark green carbonaceous	Grey-green carbonaceous massive to fractured but competent rock with calcite and dolomitic veinlets up to 1 cm wide and disseminated fine grained pyrite and pyrite along narrow 1 to 3 mm fractures slightly magnetic locally.
208-211	rock with	White to light-grey brecciated but competent carbonate.
211-212	pyrite and minor	At 211 major fracture. Angle= 60° to 75° perpendicular to core. Mud from 211.2 to 212 in heavily brecciated zone.
212-229	magnetite	Dark green massive to fractured rock with carbonate veinlets up to 1 cm.
229-234		Light grey heavily fractured to brecciated zone. Angles - 70° perpendicular to core.
234-295		Grey-green to dark green massive to fractured but competent rock with disseminated clots of magnetic. From 262 to 278 magnetic is quite magnetite heavy. Pyrite finely disseminated and along fractures.
295-296		White to light-grey brecciated carbonate.

296-317		Intermittent heavily fractured zones in dark-green to grey-green rock that has locally a large amount of white carbonate veinlets at all angles. At 308 ft a series of strong fractures cut the rock at angles from 65° to 75° to the perpendicular. Locally narrow (6 inch) brecciated sections have moderate to heavy disseminated pyrite and clots up to 6mm.
317-333	Dark green to grey green	Dark-green to grey-green massive to lightly fractured rock with local heavily disseminated magnetite and disseminated fine pyrite.
333-404	rock with moderate magnetite	Dark-green to grey-green massive to brecciated to heavily brecciated rock with varying degrees of disseminated magnetic with or without local disseminated fine pyrite.
404-407	and light pyrite	Heavily fractured and brecciated zone with mud. Contact angle at 404 ft = 65° to the perpendicular to the core. Moderate magnetic in breccia clasts. Disseminated fine pyrite.
407-425	<div style="text-align: center;">  </div>	Light-green to grey-green to light-grey fractured but competent rock with fine disseminated pyrite and light local magnetite.
425-427.5		Brecciated broken zone with mud. Clots of disseminated pyrite.
427.5-452		Light grey to light grey-green, competent to partly fractured rock with carbonate veinlets up to 5 mm across and fine disseminated pyrite.
452-472		Light-grey to light grey-green fractured to locally brecciated rock with local pyrite strongly disseminated in the breccia zone. No other visible sulphide.
472-474		Strongly brecciated zone with rounded breccia clasts and mud. This is the first 2 foot breccia zone with mud in the DDH. No visible sulphide other than very minor disseminated pyrite.
474-481		Brecciated but competent white to greyish-white carbonate breccia with very fine-grained wispy chalcocite.

481-490	Heavily fractured zone with no chalcocite or copper sulphides	Heavily fractured to brecciated zone with narrow sections that have a small amount of mud. In the brecciated broken sections such as from 393.5-395 ft there are visible bands very fine disseminated chalcocite. Otherwise the brecciated and broken sections are devoid of sulphide.
490-498	Whitish-grey heavy breccia zone with mud (marker zone)	Light grey to darker-grey strongly brecciated and broken but competent zone with a moderate amount of mud. Chalcocite occurs as finely disseminated cloudy areas throughout varying from nil to moderate. This is the first light-grey strongly brecciated zone with mud that continues for more than just 6 inches. From 494.5-495 is a dull-orange coloured solid mud without rock fragments or any sulphide or native copper.
498-509	Heavily fractured to brecciated rock with mud and light to moderate chalcocite, bornite and chalcopyrite	Pale greenish-grey heavily fractured to strongly brecciated rock with moderate to heavy disseminated chalcocite.
509-513		Pale greenish-grey heavily fractured to strongly brecciated rock with only nil to light disseminated chalcocite.
513-543		Pale-green to grey-green heavily fractured broken rock with light to locally moderate chalcocite as cloudy disseminated and concentrated along fractures. Heavily brecciated sections with heavy mud from 518 to 519, 523 to 524, 531 to 532, 533.5 to 534, 542 to 543.
543-547		Dark greenish grey heavily fractured rock, with light to moderate chalcocite locally concentrated. At 543 to 543.5 is dark green mud.
547-548.6		Dark green heavily brecciated section with mud. Fragments up to 1 inch across in a fine-grained mud.
548.6-555.5		Pinkish-green heavily fractured to brecciated rock with 1 inch bands of light chalcocite.
555.5-576	Orange breccia zone with mud and native copper	Orange coloured grey-green heavily fractured to brecciated rock with heavy mud and with local to moderate concentrations of native copper. Dark grey chalcocite disseminated throughout. Native copper along all types of fractures.

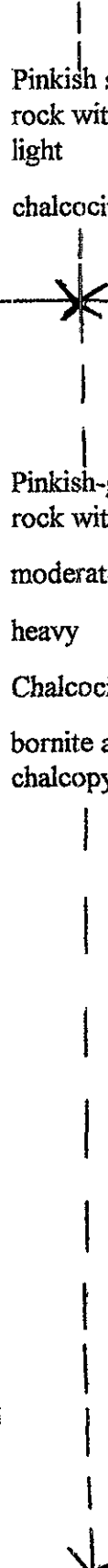
576-592	<p style="text-align: center;">↑</p> <p>Green to grey-green</p> <p>fractured to brecciated rock with mud and chalcocite</p>	Greenish-dark-grey heavily fractured and brecciated rock similar to 555 to 576 but without orange colour caused by rematite flooding. Native Copper locally along fractures. Moderate to heavy chalcocite disseminated throughout.
592-593.7		Dark green very heavily brecciated zone with mud. Moderate chalcocite within breccia fragments.
593.7-610		Greenish-brown fractured to heavily fractured rock with disseminated chalcocite locally distributed and concentrated. No visible native copper.
610-612		Heavily brecciated section with moderate disseminated chalcocite.
612-627		Greenish-grey fractured to heavily fractured to locally brecciated section with fine disseminated chalcocite in light to moderate mottled concentrations.
627-627.5		Heavily brecciated pinkish-greenish rock with mud.
627.5-634		Pinkish-grey heavily fractured to brecciated rock with light to locally moderate disseminated chalcocite.
634-635		Dark green heavily brecciated zone with mud.
635-647		Pinkish-grey heavily fractured rock with local very light disseminated chalcocite. One to 2 inch thick heavily brecciated zone with mud at 637.8 to 638, 640.3 to 640.9, 642 to 642.4, 645 to 645.3, and 645, and 646.5 to 647.
647-661.3		Pinkish-whitish-light grey heavily fractured to brecciated section with nil to light disseminated chalcocite. Brecciated zone with mud from 647.5 to 648, 649 to 650.2, 651 to 651.6, 657 to 658, and 6509.5 to 661.3.
661.3-673	<p style="text-align: center;">*</p> <p>Orange coloured</p> <p>heavily brecciated rock with mud,</p>	Dull orange coloured very strongly brecciated and eroded section with mud locally. Disseminated chalcocite throughout. No native copper visible.
673-674.5		Greenish-grey heavily fractured zone with disseminated chalcocite.
674.5-692		Dull orange coloured very heavily brecciated and eroded zone with mud. Native copper veinlets and flakes visible. Dark grey chalcocite visible in a few locations where rock is lighter colour.

692-706		Pinkish-greenish-grey heavily fractured rock with native copper along fractures and disseminated through rock locally. None to light mottled chalcocite locally. Overall grade appears very low.
706-736	chalcocite, and native copper.	Orange to greyish-greenish-orange coloured very heavily brecciated rock with local mud and native copper along fractures and chalcocite disseminated throughout. Varies from heavily brecciated and eroded core with mud as at 708 to 711, 712 to 716 and 724 to 725 to heavily fractured with native copper along fractures and in clots.
736-744.5		Greyish-green heavily fractured to locally brecciated rock with light to moderate native copper along veinlets as clots and veins. Very low to no disseminated chalcocite.
744.5-745.3		Orange heavily fractured to brecciated zone with mud.
745.3-767		Orange to greyish-greenish orange moderately fractured but competent rock with native copper along fractures and only light local concentrations of chalcocite as finely disseminated bands. From 760 to 767 chalcocite = moderate to heavy.
767-772		Orange coloured strongly fractured to brecciated with 1 to 2 inch of mud at 767.5, 769, and 772 feet. Native copper as veinlets up to 1 mm across and clots. Disseminated chalcocite nil to light.
772-796		Greenish-grey strongly fractured to brecciated rock with native copper along veinlets and as clots. Local short intervals of light to moderate chalcocite.
793		Rock starts getting harder.
796-803		Rock becomes considerably harder form 796 to 803 as it is less fractured and more albitized and altered. Disseminated chalcocite increasing from light at 796 to moderate at 803.
803-827	Pinkish-grey hard massive to lightly fractured rock with moderate to	Pinkish-grey to greyish-pink massive heavily altered rock that is very hard and difficult to split in relation to earlier sections of the drill hole. Ranges from pink rock with moderate chalcocite to dark grey to black rock with heavy disseminated chalcocite. Short sections of semi-massive chalcocite with chalcopyrite.

827-830	heavy chalcocite, bornite and chalcopyrite	Pink to pinkish-grey fractured to veins and moderately fractured rock with carbonate and with light to locally moderate chalcocite.	
830-832		Pinkish-grey massive very hard rock with moderate to heavily disseminated chalcocite together with veinlets of massive chalcocite 0.8 cm to 1.3 cm wide.	
832-835.5		Pink to pinkish-grey fractured rock with light to moderate disseminated chalcocite, bornite and chalcopyrite.	
835.5-850.5		Pinkish grey massive to fractured to locally heavily fractured rock with very light through to moderate chalcocite with chalcopyrite mineralization. Narrow white carbonate veinlets up to 2 inches across at 837.5, 839, 844, and 853. Brecciated zones with mud at 845 to 845.4, 849.5 to 849.9, and 852.5 to 852.7 feet.	
850.5-851.7		White carbonate breccia with local vugs and light to nil chalcocite.	
851.7-877.2	*	Pinkish-grey to greenish-grey fractured but competent rock with light to locally moderate disseminated chalcocite, bornite, and chalcopyrite.	
877.2-882.8		Pinkish-brown rock	White carbonate breccia with fragments of light-green to light grey-green rock. No visible chalcocite or sulphide.
882.8-893	light to locally moderate chalcocite	*	Pinkish-grey to pinkish-brown fractured but competent and moderately hard rock with light to moderate very finely disseminated and cloudy chalcocite together with local chalcopyrite and bornite.
893-904	Soft pinkish-brown		Light-pinkish-brown coloured fractured but competent yet friable and crumbly rock with nil to light chalcocite and chalcopyrite. Fractures with mud from 898 to 898.4, 899.8 to 900.2, and to 903.5 feet.
904-905	crumbly rock with light	chalcocite	Pinkish-grey hard competent rock with moderate to heavy chalcocite and chalcopyrite.
905-914			Pinkish brown to pinkish grey fractured rock which alternate from broken heavily fractured zones such as at 904 to 905, and 913 to 914, to more competent and heavier mineralized zones. From light to moderate cloudy chalcocite.

914-924		Pinkish-grey to greyish-pink moderately to heavily fractured rock that is relatively soft and easy to split. Light to moderate chalcocite. Heavily fractured with mud at 920 to 920.3, 922.5 to 923.3.
924-926		Very heavily fractured pinkish-greenish grey rock with mud from 924.5 to 926 feet. Very light to light chalcocite.
926-949	↑	Pinkish-greenish-grey to pink to dark-grey massive to fractured rock with very light to moderate to locally heavy disseminated chalcocite. Heavily fractured narrow sections at 933 to 933.3, 937 to 937.3, and 944 to 944.3. Rock varies from friable to short 4 inch sections that are hard.
949-950	Pinkish-grey	Heavy disseminated chalcocite with bornite.
950-950.5	Rock with	Heavily fractured zone.
950.5-956	moderate to	Same as 926 to 949.
956-960	locally heavy chalcocite	Moderate fractured pinkish-greenish white rock with light green veinlet fillings and no visible chalcocite.
960-975		Same as 926 to 949. Moderate to heavy disseminated chalcocite and bornite from 968 to 972.
975-975.8		Pinkish-greenish-white heavily fractured to brecciated zone with partial mud. No visible sulphide except along a few minor fractures.
975.8-985		Pinkish-grey massive to fractured rock with erratic calcite veinlets and light to locally moderate disseminated chalcocite and bornite. Contact angle at 985 feet = 70° to perpendicular to the core.
985-987.5		Brownish-grey heavily fractured zone with moderate to heavy chalcocite and bornite.
987.5-990		Pinkish grey lightly fractured rock with moderate chalcocite and bornite.
990-991.5		Same as 985 to 987.5. Heavy breccia zone with mud from 991 to 991.5.
991.5-1007		Pinkish-light-grey massive to fractured but competent rock with very light to light chalcocite and bornite.
1007-1011		Pinkish-grey massive rock with moderate chalcocite and bornite.

1011-1013		White to whitish-grey moderately fractured carbonate zone with light chalcocite.
1013-1017		Pinkish-grey massive rock. 1013 feet contact angle = 76° to perpendicular to the core.
1017-1019	Breccia zone with chalcocite	Heavily brecciated and broken fractured zone with some mud. Moderate amounts of chalcocite and chalcopyrite along fractures.
1019-1023		Buff-pink to whitish-pink brecciated rock with white breccia clasts and pink clasts. Competent rock. Both pink and white matrix and clasts are very hard, probably albitized. No visible chalcocite. Fracture angle at 1022 feet = 75° to perpendicular to the core.
1023-1026	Pinkish-grey to brownish-grey	Pinkish-light-grey massive rock with no visible chalcocite.
1026-1026.3	carbonate	Fractured breccia with mud.
1026.3-1028	and feldspar rock with no chalcocite or	Fractured competent pinkish-greenish-grey rock with veinlets of dark-green mafic silicate. No chalcocite. Pyrite on fractures.
1028-1031	copper sulphides	Fractured greyish-reddish-green rock with dark-green minerals and hematite along fracture. No visible chalcocite.
1031-1041		Solid massive buff-pink lightly fractured rock with calcite and green minerals along thin fracture and with no visible chalcocite or other copper sulphides. Pyrite as fine concentrated clots along fractures.
1041-1052		Pinkish-greenish-grey fractured to friable rock with pyrite along narrow fractures locally but no chalcocite or copper sulphides visible. Rock is locally brecciated but competent, and appears to be just another phase of the pink competent rock on either side of it.
1052-1064		Same as 1031 to 1041. No visible copper sulphides.
1064-1068		Start of disseminated chalcocite. This 4 feet is a transition phase with wisps and bands of lightly disseminated chalcocite.

1068-1076	Pinkish soft rock with light	Pinkish-grey to pinkish-greenish-grey fractured rock with narrow breccia zone with mud at 1073, 1074, 1075.2, and 1075.8 feet. Light chalcocite with only a small 3 inch section of moderate disseminated chalcocite.
1076-1086	chalcocite	Pinkish-greenish-white to pinkish-white fractured carbonates. Light to moderate chalcocite and bornite in angular clasts up to 6 inches long.
1086-1096		Pinkish-grey to dark grey fractured rock with moderate to heavy disseminated chalcocite and bornite.
1096-1096.5		Heavily brecciated rock with mud.
1096.5-1110		Pinkish-grey to dark grey fractured rock with moderate to very heavy disseminated chalcocite and bornite.
1110-1111		Heavily brecciated zone with mud.
1111-1119.5		Same as 1096.5 to 1110.
1119.5-1121.5		Heavily brecciated zone with mud.
1121.5-1134		Pinkish-grey heavily fractured to brecciated rock with moderate to heavy disseminated chalcocite and bornite. Multiple thin carbonate veinlets along fractures.
1134-1144		Pinkish-dark-grey to grey-black lightly fractured rock with heavily disseminated chalcocite and bornite. This is the heaviest 10 foot sulphide chalcocite section up to this point in the hole.
1144-1158		Pinkish-grey to dark-grey fractured rock with calcareous veinlets up to a white section from 148 to 149 feet. Light to locally moderate chalcocite and bornite. Breccia zones with mud from 146.8 to 147, 153.5 to 153.7, and 156 to 156.3.
1158-1170		Pinkish-grey to dark-grey fractured rock with calcareous narrow veinlets. Lightly to moderately fractured. Light to moderate chalcocite, bornite, and chalcopyrite. Breccia zone with mud from 1161.5 to 1162, and 1167 to 1167.2.
1170-1176		Dark-grey to pinkish-dark-grey moderately fractured rock with heavy to semi-massive chalcocite, bornite, and chalcopyrite. Rock becomes progressively more fractured and friable from 1173 to 1176 feet.
1176-1178		Pinkish-grey very heavily fractured zone with light chalcocite and bornite.

1178-1183	Heavily brecciated zone with mud	Heavily brecciated whitish-grey rock. Breccia clasts up to 2 inches wide. Heavy mud from 178 to 178.4, 1179 to 1180.4, and 1182.7 to 1183 feet. Light chalcocite.
1183-1194	Dark-grey rock with light to heavy chalcocite	Dark-grey to pinkish-dark-grey coloured fractured rock with moderate to heavy disseminated chalcocite, bornite, and chalcopyrite. Heavily fractured rock with mud from 1185.5 to 1186.
1194-1208	heavy chalcocite	Dark-grey to pinkish-dark-grey fractured to locally brecciated rock with mud from 1197 to 1197.3, 1200.5 to 1200.7, 1203 to 1203.3, and 1207 to 1207.4 feet. Light to moderate chalcocite, chalcopyrite, and bornite.
1208-1209	Brecciated zone with chalcocite	Brecciated zone with mud. Major fracture angle = 80° to perpendicular to the core.
1209-1223		Heavily fractured to brecciated pinkish-grey rock with light to locally moderate wispy bands of chalcocite and bornite.
1223-1225		Very heavily brecciated zone with mud from 1223 to 1223.8 feet. Light local chalcocite. Contact at 1225 feet = about 80° to perpendicular to the core.
1125-1230		Pinkish-greenish grey fractured softer rock with moderate chalcocite and bornite. filled
1230-1238		Pinkish-grey rock with no chalcocite.
1238-1242	Heavily brecciated zone with mud and light chalcocite	Whitish grey carbonate breccia with heavy mud. Very minor chalcocite.
1242-1243		Heavily brecciated rock with light chalcocite.
1243-1245		Heavily brecciated rock with very heavy mud.
1245-1247		Whitish-grey moderately fractured rock with fragment up to 6 inches.
1247-1260		Heavily brecciated white carbonate with very heavy mud. No chalcocite.
1260-1264.5		Pinkish-whitish-grey competent breccia with no visible chalcocite.
1264.5 1268		Heavily brecciated zone with very heavy mud.
1268		End of hole.

DIAMOND DRILL RECORD

Property: Afton Mine Property

Hole No: 8

Dip: Collar: - 56°

Total Depth: 947 FT.

Casing Depth: 150 FT.

Logged By: J. Ball-Geologist

Date Begun: Aug 2, 2000

Bearing: 270°

Claim Afton

Date Finished: Aug 11, 2000


Elev. Collar: 1610 FT. Core Size: NQ-2 (2 inches)

Description: "rock" = microdiorite

Depth	Zone	Description
0-140	Grey-green competent rock with fine pyrite and local magnetite	Casing
140-242		Grey-green fractured to massive competent rock with calcareous dolomitized veinlets from 1/16 inch to 1 inch wide. Fine grained pyrite disseminated throughout, and also concentrated along fractures as disconnected and sometimes connected veinlets. Slightly magnetic.
242-247		Increasingly and friable grey-green rock with disseminated pyrite.
247-252		Increasingly fractured grey-green rock. Slightly magnetic.
252-262		Moderately to heavily brecciated light-grey to grey-green rock with intermittent mud and clasts from white dolomite to dark green rock up to 2 inches across. Fine pyrite disseminated throughout and concentrated in clots. Slightly magnetic. Light buff orange colour by hematite stained from 259 to 262 feet.

262-267		Massive competent to fractured dark green rock with pyrite disseminated and concentrated along 1/32 inch to 1/16 inch fractures.
267-284		Heavily fractured to brecciated dark green rock with intermittent mud and pyrite disseminated throughout and concentrated along fractures up to 1 inch wide. Mud in a few sections from 1/8 inches to 6 inches wide such as from 274 to 274.5 feet.
284-294		Intermittent breccias with mud grading into heavily fractured dark to light green rock with local light to moderate disseminated pyrite which is also in clots up to 1/2 inch across. Breccia clasts contain no visible sulphides except pyrite.
294-309	Intermittent breccia zones with mud and pyrite	Light-grey to white and grey heavily brecciated carbonate rock with moderate amounts of mud. Bands of dark-grey to black mud from 294 to 295.5 feet contain very fine pyrite. From 295 to 297.5 breccia clasts are carbonate white fragments in a darker groundmass. Pyrite clots up to 1/2 inch wide between fragments.
309-315		Light-grey fractured rock with carbonate veinlets to 1/8 inch across.
315-318		Increasingly brecciated rock with cross-cutting carbonate veinlets. Disseminated pyrite.
318-340		Whitish-grey brecciated carbonate rock with mud in 3 to 4 inch sections throughout.
340-355		Contact with dark green fractured to brecciated rock with disseminated pyrite. Serpentine along fractures.
355-366	Light-grey breccia with mud marker zone	Heavily brecciated and broken light grey rock with or mud throughout. Appears to be the marker horizon intersected in hole 6 and 7. Light grey to dark grey mud is very fine chalcocite and copper sulphide minerals.
366-367.5		Fracturing at 367.3 buff pink alteration starts. No visible chalcocite.

367.5-379	Pinkish-grey rock with nil to very light chalcocite	Light- buff- pink to pinkish-green fractured to locally brecciated rock with minor pyrite along fractures. Slightly serpentinized along movement planes.
379-404		Medium dark green fractured and locally friable rock with light to moderate locally concentrated clots and concentrations of pyrite. Small clots of a black mineral in very low concentrations may be chalcocite.
404-407		Light grey carbonate breccia with no visible sulphides.
407-413.5		Same as 379 to 404.
413.5-415		Light-greenish-grey competent dyke-like rock.
415-419		Dark-green fractured rock with pyrite but no other visible sulphide.
419-421		Pinkish-greenish-grey brecciated carbonate. No sulphides visible sulphides.
412-422		Broken fractured breccia rock with fault mud.
422-432		Dark green fractured rock with hematite and calcite along fractures.. No visible sulphides.
432-437.5		Very light orange-tinged-dark-green rock with no visible pyrite, copper sulphides, or chalcocite.
437.5-438		Heavily brecciated zone with mud.
438-442	X	Dark-orange coloured hematite stained rock with very-light disseminated chalcocite in blebs. Bornite speks with chalcocite.
442-454		Light-green to light-grey-green fractured to locally brecciated rock with increasing amounts of chalcocite along fractures together with bornite. Light hematite staining.
454-461		Light-green to reddish-buff-green fractured rock with light to moderate chalcocite along fractures.
461-461.2		Light-green mud with visible chalcocite.

461.2-463.5	<p>Pinkish-grey rock with light to heavy to semi-massive Chalcocite and bornite</p> 	Massive dark-blue to black rock with massive bornite and chalcocite forming the maitrix and bulk of the rock and with angular small carbonate fragments within the maitrix. Probably grades over 20% copper.
463.5-463.7		Brecciated dark-blue rock with mud.
463.7-472		Buff-pink to pinkish-grey fractured rock with moderate to heavy disseminated to semi-massive clots and concentrations of bornite and chalcocite.
472-472.2		Heavy breccia zone with mud at 50° perpendicular to the core.
472.20-480		Buff-pink to pinkish-greenish-grey competent to lightly fractured rock with bands and clots of dark-blue coloured light to moderate bornite and chalcocite.
480-491		Dark-greenish-pink to buff-pink competent rock with light to moderate to locally heavy disseminated dark-blue bornite, chalcocite, and chalcopyrite.
491-494		Same as 480-491 with orange coloured hematite stains and light bornite and chalcocite.
494-502		Buff-pinkish grey fractured rock with light chalcocite and bornite. Contact angle at 502 feet= 50° to perpendicular to core.
502-504		Heavily fractured to brecciated zone with mud.
504-506		Grey moderately fractured rock.
506-508		Heavily fractured breccia zone with mud.
508-514		Grey moderately fractured rock with erratic fine pyrite with no copper sulphide minerals.
514-515		Grey breccia zone with mud.
515-526		Grey moderately to heavily fractured rock.
526-531		Brecciated grey-green rock with some mud. Light chalcocite and copper minerals. Contact at 526 = about 75° to perpendicular to the core.
531-534		Pinkish-grey-green moderately fractured rock. Disseminated pyrite only.
534-535		Breccia zone with mud.

535-538	<p>Pinkish-grey rock with very light to nil chalcocite and copper sulphides</p>	Pinkish-grey fractured grey rock with clots of chalcopyrite up to 1/4 inches across.
538-542		Fractured grey rock with fine disseminated pyrite.
542-544		Heavily brecciated zone with mud. No visible chalcocite or copper sulphides.
544-549		Grey-green rock with disseminated pyrite concentrated along fractures.
549-553		Fractured whitish-grey carbonate with vugs. No chalcocite or copper sulphides.
553-582		Buff-pinkish-grey-green fractured rock with fine pyrite disseminated throughout and concentrated along fracture. Very minor carbonate veinlets..
582-588		Brecciated pinkish-grey-green rock with whitish-grey carbonate blocks up to 1 inch across.
588-597		Moderately fractured buff-pinkish-grey rock with local fine disseminated pyrite.
597-598		Very heavily fractured zone with no visible copper sulphides.
598-602		Same as 588 to 597.
602-612		Brecciated zone with intermittent mud containing erratically distributed bands of very light chalcocite and bornite along fractures only.. Buff-pinkish-grey colour.
612-618		Buff-pinkish-grey moderately fractured rock with very light chalcocite and bornite along fractures.
618-635		Buff-pinkish-grey-green brecciated to heavily fractured rock with very light finely disseminated chalcocite and bornite. .
635-644		Green to greenish-greyish-pink rock that is competent but moderately fractured with very light concentrations of chalcocite and bornite. Chalcopyrite very lightly disseminated throughout with pyrite crystals along fractures.

644-654		Light-pinkish-white carbonate that is very lightly fractured but competent. White carbonate veinlets and very light chalcocite along with bornite along fracture together with hematite.
654-666		Light-pinkish-whitish-grey competent rock with local light disseminated rock like bornite with very fine chalcocite and hematite.
666-667		Heavily fractured zone with very light very finely disseminated chalcopyrite and chalcocite.
667-675		Pink to pinkish-grey fractured rock with very light disseminated chalcocite, copper sulphides, and hematite. Competent angular breccia zones with white carbonate maitrix at 671 to 671.8, and 673 to 673.8
675-698		Dark-greenish-grey to dark-green competent rock with very finely disseminated chalcocite, chalcopyrite, and hematite. Cross-cutting calcite filled fractures up to 1/8 inch wide. .
698-698.7		3 inch wide breccia zone with mud.
698.7-714		Dark-greenish grey to dark-green fractured to locally brecciated rock that becomes increasingly more fractured and friable to 714 feet. Very light disseminated chalcopyrite and chalcocite..
714-752		Dark-green to dark-greenish-grey competent but fractured rock with very light chalcocite and chalcopyrite. Locally heavily fractured to brecciated but competent with very light disseminated chalcopyrite and chalcocite together with clots and <i>stringers of pyrite along fractures and micro-fractures.</i>
752-757		Competent massive to lightly fractured rock that has the same colour and mineralization as 714 to 752.
757-885		Greenish-grey to greyish-green massive to fractured rock with disseminated pyrite as very fine specks and fine cubic shapes and also as fine grained fracture fillings. Light fine disseminated chalcopyrite throughout. Hematite along fractures.

885-947		Greenish-grey to greyish-green fractured rock becomes more broken and friable towards the end of the hole at 947. Fine disseminated pyrite throughout. Very light disseminated chalcopyrite and bornite concentrated along fractures. From 927 to 947 ft rock becomes increasingly broken and softer. .
947	✓	END OF HOLE

APPENDIX III

COST STATEMENT

AFTON 2000 DIAMOND DRILL PROGRAM HOLES 1-8

SALARIES

- John Kruzick, Geologist, Manager
April 15 - August 30, 2000 79 days @ \$500/day.....\$ 39,500.00
- John Ball, Consulting Geologist/Exploration Manager
April 15 -August 30,2000 137 days @\$400/day..... 54,800.00
- Core Splitter
Ken Engen - 40days @ \$120 per day..... 5,273.00
- Casual Labor 35 days @ \$100 per day..... 3,500.00

MEALS AND ACCOMMODATIONS

- John Kruzick - 48 days @ \$100/day..... 4,800.00
- John Ball - 137 days @ \$100/day.....13,700.00

TRANSPORTATION

- Vehicle Usage, (4x4)
137 days @ \$60/day 8,220.00
- Fuels & Maintenance..... 6,850.00

SUPPLIES

- Flagging, Sample Bags, Core Boxes, Drafting Supplies, etc..... 2,867.00

EQUIPMENT RENTAL

- Field Equipment..... 590.00

ASSAYING & GEOCHEMICAL ANALYSIS

- 712 samples - analysed for Cu, Au, Pd, Ag. \$27.50/sample.....19,562.00

PETROGRAPHIC ANALYSIS..... 1,000.00

DIAMOND DRILLING, NQ₂ (DDH 2K1-8 inclusive)

3018 metres @ \$50.87/meter.....	153,526.00
Mobilization & Demobilization.....	1,000.00

DRAFTING AND PRINTING.....	4,412.00
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PREPARATION OF REPORT & RESEARCH

- Secretarial, reproduction, office overhead, office supplies, etc.....	4,200.00
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Total	<u>\$323,800.00</u>
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