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ASSESSMENT REPORT

describing

DIAMOND DRILLING

at the

IDAHO CREEK PROPERTY

Idaho 1-20	YC41111-YC41132
21-52	YC46510-YC46539
53-58	YC65240-YC65245

NTS 115J/9 & 10

Latitude 62°58'N; Longitude 138°33'W

in the

Whitehorse Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

KLONDIKE SILVER CORP.

and

ATAC RESOURCES LTD.

Heather Smith, B.Sc. Geology, G.I.T.
June 2008

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INTRODUCTION

The Idaho Creek property is a silver-gold-lead-zinc prospect located in western Yukon Territory. The property is owned by ATAC Resources Ltd. and was under option to Klondike Silver Corp. Funding for work described in this report was provided by Klondike Silver.

This report describes an exploration program, which consisted of claim staking and 1188.42 m of diamond drilling in four holes. The work was conducted by employees of Archer, Cathro & Associates (1981) Limited and Beaudoin Diamond Drilling Ltd. between June 2 and July 13, 2007. The author participated in and directed the program, and her Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Idaho Creek property is located in western Yukon at latitude 62°45'N and longitude 138°33'W on NTS map sheets 115J/9 and 10 (Figure 1).

The property comprises a total of 58 contiguous mineral claims covering 1175 ha. The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for ATAC. Claim data are listed below, while the locations of individual claims are shown in Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Idaho 1-22	YC41111-YC41132	February 15, 2016
23-52	YC46510-YC46539	February 15, 2016
53-58	YC65240-YC65245	February 15, 2013

* Expiry dates include 2007 work that has been filed for assessment credit but not yet accepted.

The claims are situated approximately 150 km south of Dawson City, 300 km north-northwest of Whitehorse and 14 km east of the Casino Airstrip, which has been used by aircraft up to DC-3 in size. The nearest road access points are on the Freegold Road, 86 km to the southeast, and at the Minto Airstrip on the Klondike Highway, 100 km to the east-southeast.

Access in 2007 was provided by various helicopters (Bell 206B, 206L1 and 204) operated by Fireweed Helicopters Ltd. from its permanent base at Dawson City.

HISTORY AND PREVIOUS WORK

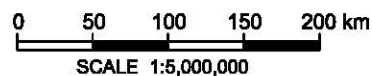
The Idaho Creek area was first staked in 1985 by Freegold Venture (Chervon Canada Limited) to cover a geochemical target that was outlined in 1980 by Nat Joint Venture (Chevron and Armco Mineral Exploration Ltd.). Follow-up prospecting, geological mapping and grid soil sampling later in 1985 by Freegold Venture delineated a number of moderate to strong gold, arsenic, lead and silver anomalies along with mineralized vein float (Eaton and Halleran, 1985).

**KLONDIKE SILVER CORP.
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FIGURE 1

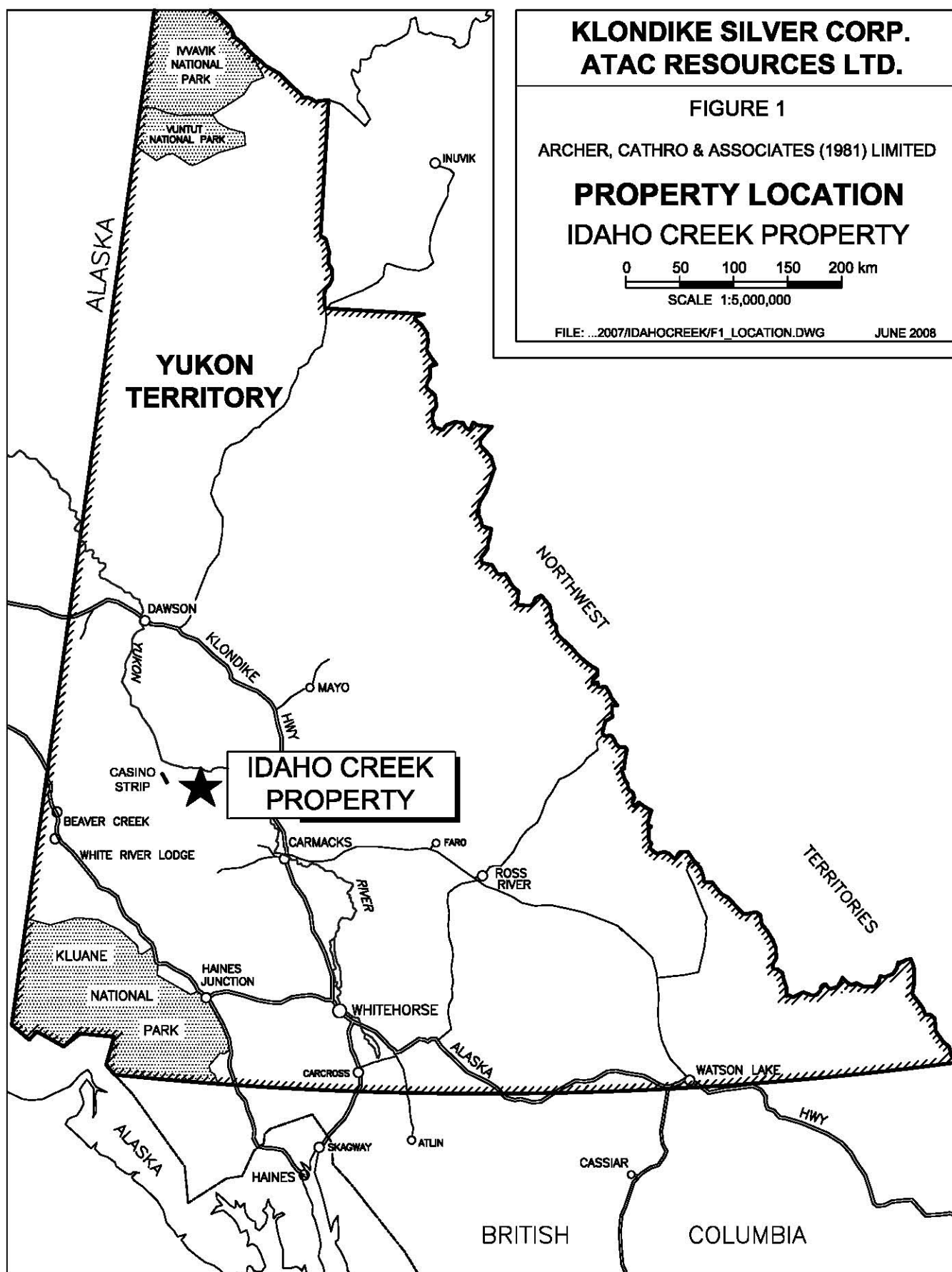
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**PROPERTY LOCATION
IDAHO CREEK PROPERTY**



FILE: ...2007/IDAHOCREEK/F1_LOCATION.DWG

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Silverquest Resources Ltd. optioned the property from Chevron in 1986 and added more claims. It conducted a two phase exploration program that year. The first phase consisted of bulldozer trenching and prospecting, mostly done in June. The second phase involved a one day follow-up in August to hand pit and sample areas in the trenches that thawed during the summer (Carne and Halleran, 1986).

The claims were sold to Rinsey Mines Limited in 1990, which briefly optioned them to Eastfield Resources Ltd. in spring 1993. There is no record of work having been done by Rinsey or Eastfield.

The area became open for staking in late spring 1993 and was soon restaked by P.J. Ross, an independent prospector. Ross performed limited geochemical sampling, prospecting and hand trenching later that summer and optioned the claims to Island-Arc Resources Corp. in 1994. There was no record of further work on the property.

ATAC staked the Idaho claims in spring 2006 and soon afterward optioned them to Klondike Silver. The 2006 program consisted of geophysical surveys and 556 m of reverse circulation (RC) drilling. The drill results returned a metal signature indicative of a high level porphyry system.

GEOMORPHOLOGY

The property is located in the Dawson Range, an area of western Yukon that escaped Pleistocene glaciation. This area is a deeply incised former peneplane characterized by rounded ridges and V-shaped dendritic drainages. Local elevations range from 820 m in the creek beds to 1400 m along deeply weathered ridge crests. Most of the property covers long, gentle to moderate, north facing hillsides that are heavily vegetated with thick moss, slide alder and stunted black spruce.

Soil development is poor in most parts of the claim block. Typically, organic rich soil and white volcanic ash deposits (from an approximately 2000 year ago eruption in Alaska) lie directly atop coarse boulders surrounded by permanently frozen, clay rich mud. The boulders are derived from more massive, resistant weathering rock types and tend to obscure highly fractured or altered, recessive weathering units.

Idaho Creek cuts through the property and Isaac Creek lies to the west. Both creeks are tributaries of the Yukon River.

REGIONAL GEOLOGY

Regional Geology

The geology of the Idaho Creek area has been mapped at 1:250,000 by the Geological Survey of Canada (Tempelman-Kluit, 1973) and at 1:100,000 by the Yukon Geological Survey (Johnston, 1995).

The Idaho Creek property is located within the Yukon-Tanana Terrane (YTT) an island arc tectonic element that was accreted to the western margin of ancient North America in early Mesozoic times (Figure 3). The claims lie south of the Tintina Fault and are underlain by a variety of late Mesozoic plutons. The property is bounded to the west by the northeast trending Dip Creek Fault and to the north by a southeast trending fault that may be an unmapped extension of the Big Creek Fault (Figure 4).

The Idaho claims lie within a mineralized belt that contains numerous copper deposits and precious metal veins and breccias. The belt is about 100 km long and extends southeasterly from the Casino Deposit to the former Mt. Nansen Mine. Most of the mineralization in the belt appears to be related to Late Cretaceous quartz-feldspar porphyry dykes and plugs.

PROPERTY GEOLOGY

Five intrusive units have been identified on the Idaho Creek property (Figure 5). The oldest is Late Jurassic or Early Cretaceous while all other units are Middle to Late Cretaceous in age.

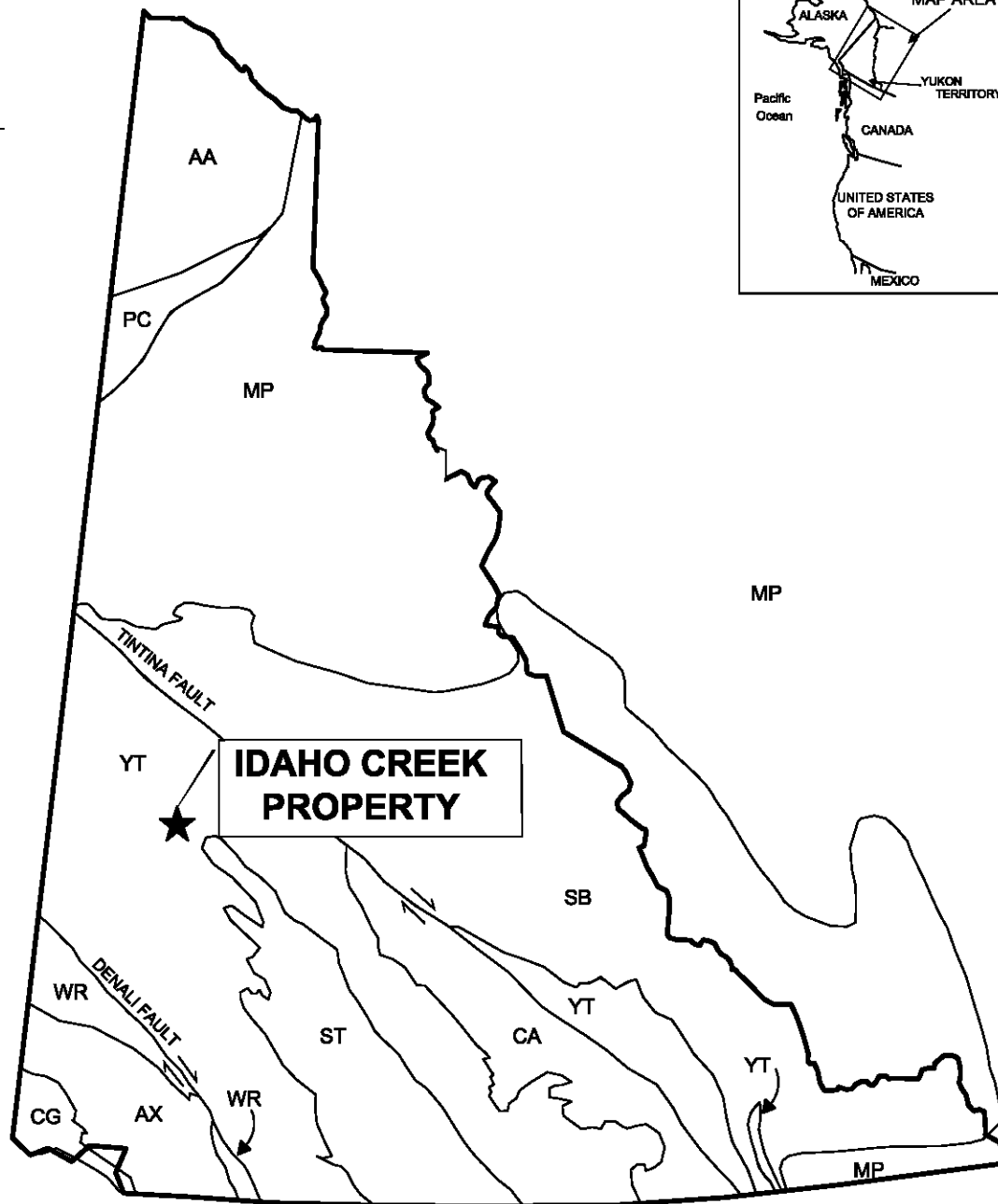
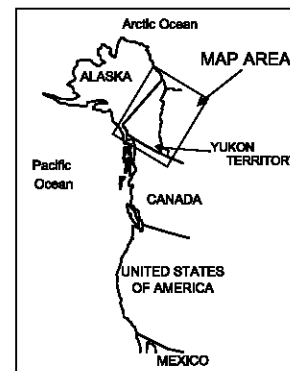
Diorite (JKd) is the dominant rock type in the southeastern part of the property and is believed to be part of the Klotassin Batholith. This rock is composed of medium grained groundmass with abundant hornblende, biotite and feldspar phenocrysts. It weathers resistively compared to the other units and often forms angular castellated outcrops. Exposed surfaces usually weather tan.

Dark grey weathering, equigranular hornblende-biotite granodiorite (Kgd) occurs throughout the property and intrudes the diorite. This unit is also resistant weathering and forms rounded castellated outcrops with rough pebbly surfaces caused by preferential weathering of feldspar compared to quartz grains. Pegmatite and aplite dykes commonly occur within this unit. The pegmatites feature potassium feldspar and quartz, with graphic textures and muscovite in radiating masses up to 15 cm in diameter. Diorite-granodiorite contacts are sharp and do not show chilled margins or evidence of recrystallization. However, diorite xenoliths found within the granodiorite near the contacts exhibit various stages of assimilation ranging from fresh to near total recrystallization.

Pink, medium grained biotite granite (Kg), containing phenocrysts of pink potassium feldspar up to four centimetres in diameter, occur along the southern edge of the property. This unit is friable and recessive weathering. No contacts were observed; thus, its relationship to the other units is unknown. Both Kgd and Kg are part of the Dawson Range Batholith.

Dark grey hornblende-biotite quartz diorite (Kgdl) dykes cut both the diorite and the granodiorite. These rocks closely resemble the diorite except that they are slightly darker in colour and contain quartz phenocrysts. Most dykes consist of quartz and feldspar phenocrysts in a medium grained matrix, but some contain rounded quartz eyes in an aphanitic matrix. Contacts with Kgd are sharp, but those with JKd are difficult to recognize due to mineralogical similarity.

A red to purple, recessive weathering, quartz-feldspar porphyry (Kmnr) dyke dips southerly and trends east-northeasterly across the centre of the property. It consists of unaltered, twinned orthoclase crystals up to four centimetres in diameter in a fine grained, grey matrix. Feldspar



ANCESTRAL NORTH AMERICA

MP	Mackenzie Platform
SB	Selwyn Basin

TERRANES Displaced Continental Margin

AA	Arctic Alaska
CA	Cassiar
PC	Porcupine

Pericratonic Terranes

YT	Yukon-Tanana / Slide Mountain
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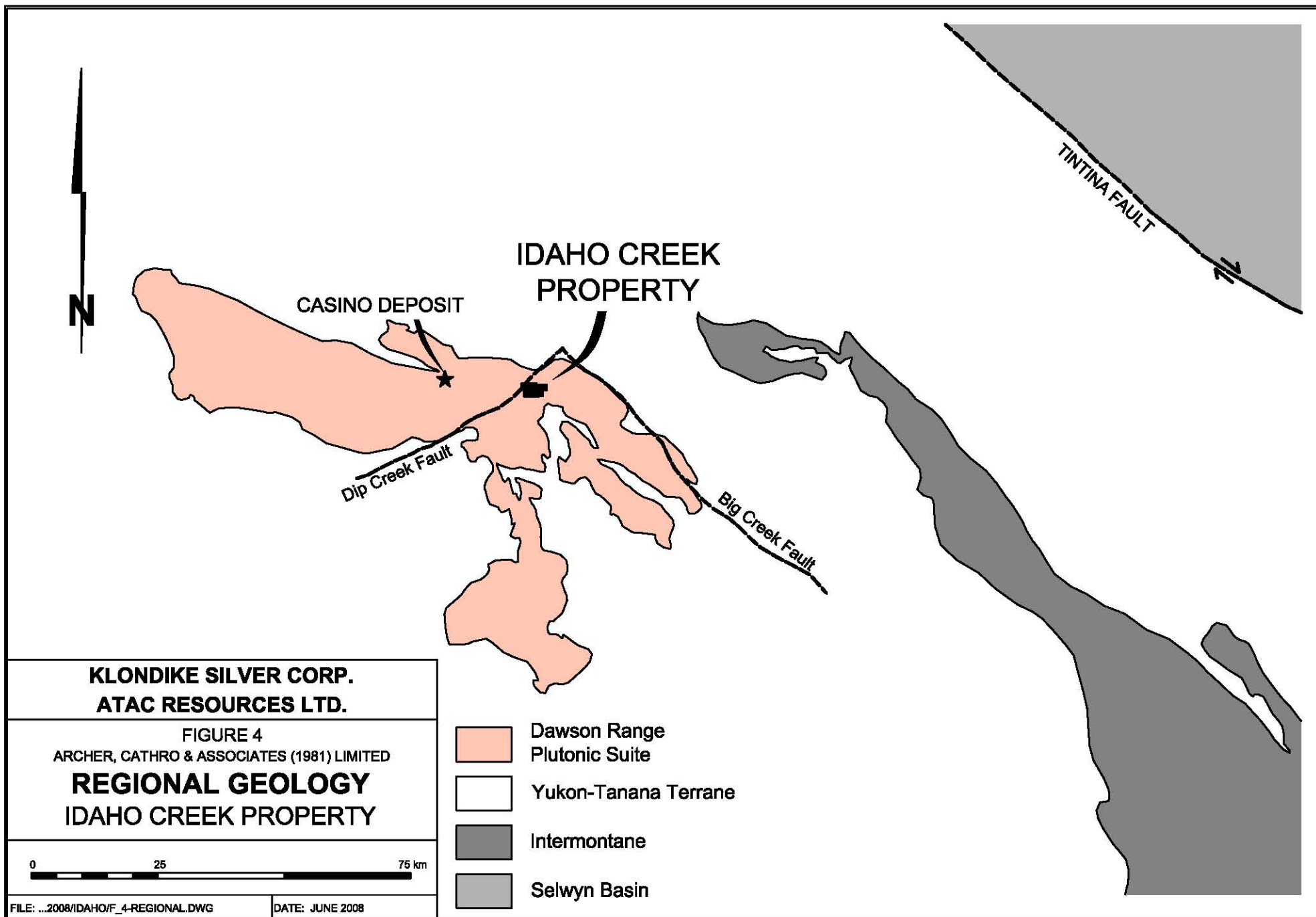
ACCRETED TERRANES

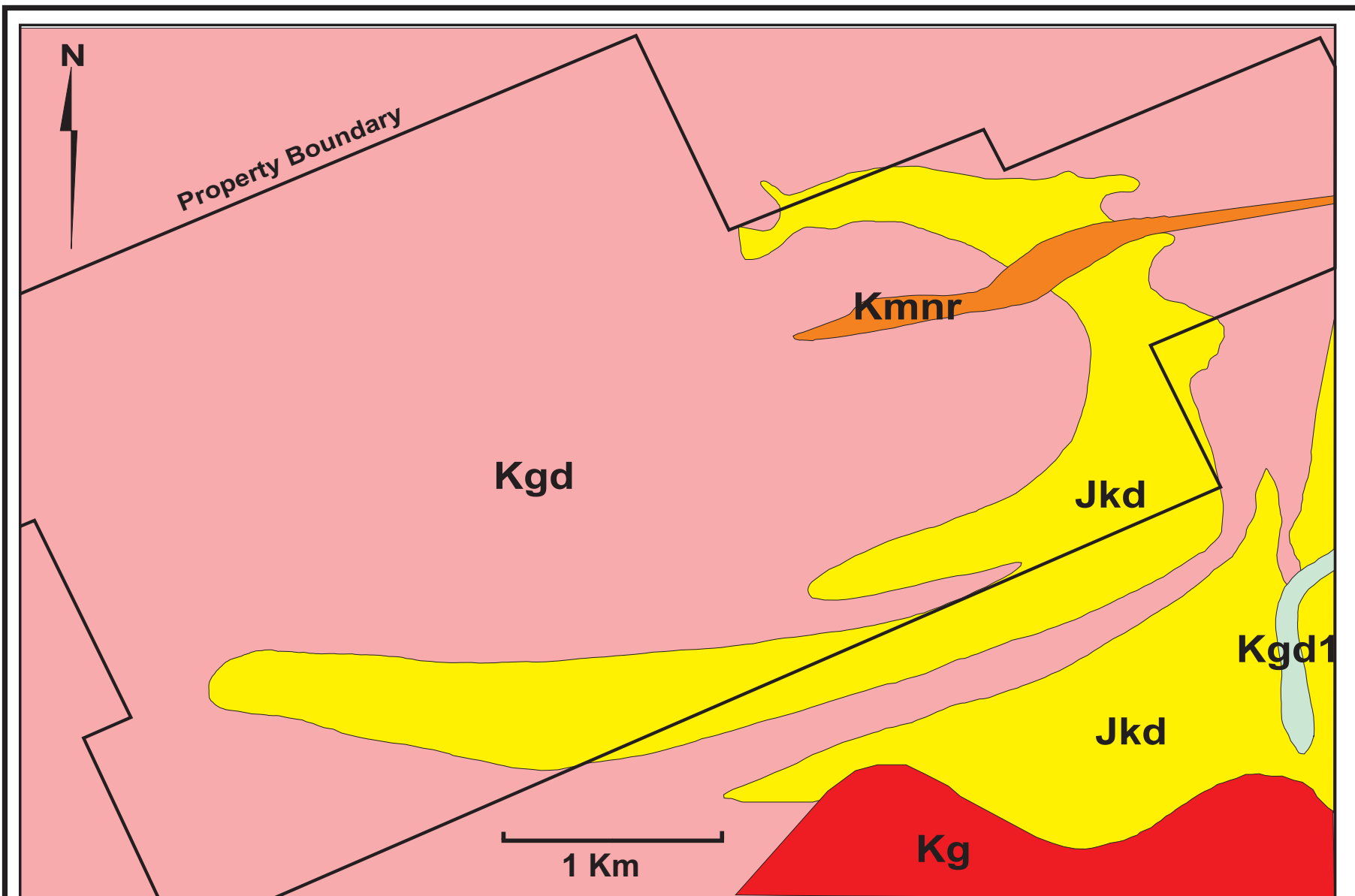
ST	Stikinia / Cache Creek
AX	Alexander
WR	Wrangellia
CG	Chugach

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FIGURE 3 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED TECTONIC SETTING IDAHO CREEK PROPERTY

0 100 200 km





**LATE CRETACEOUS
Casino Intrusions**

Kmnr Quartz feldspar porphyry dyke

Prospector Mountain Plutonic Suite

Kgd1 Hornblende-biotite quartz diorite dyke

MID-CRETACEOUS

Dawson Range Batholith

Kgd Equigranular hornblende-biotite granodiorite

Kg Medium grained biotite granite

**LATE JURASSIC/ EARLY CRETACEOUS
Klotassin Batholith**

Jkd Medium grained diorite

Geological contact, inferred

**KLONDIKE SILVER CORP.
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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**PROPERTY GEOLOGY
IDAHO CREEK PROPERTY**

FILE:AC/2007/IDAHOCR/PROP_GEOL DATE: JUNE 2008

and hornblende in the matrix are pervasively altered to clay and limonite, respectively, producing a rusty friable rock from which the orthoclase phenocrysts are easily extracted. These rocks may be associated with the Late Cretaceous Casino Intrusions or the Prospector Mountain Plutonic Suite described by Johnston, 1995.

A prominent, recessive weathering linear cuts east-northeasterly across the property adjacent to the porphyry dyke. Several smaller north-northeast trending shear zones and linears occur in the southwest corner of the property.

GEOCHEMISTRY AND MINERALIZATION

Four multi-element soil geochemical anomalies, labelled A to D, were defined by the 1985 grid sampling. These anomalies were followed up by trenching in 1986 and by RC drilling in 2006. Figure 6 illustrates lead-in-soil results and the locations of the RC drill holes. The anomalies and mineralization discovered within them are discussed in the following paragraphs.

Anomaly A

Anomaly A measures 1200 m by 600 m and hosts maximum soil values of 258 ppb gold, 122 ppm silver, 3302 ppm lead, 1340 ppm zinc, 1500 ppm arsenic and 1110 ppm antimony.

Bedrock geology in the vicinity of this anomaly consists of Kgd cut by Kgdl dykes. Kgd is also cut by north-northwest and north-northeast trending, steeply dipping rusty gouge zones, ranging from 25 cm to 6 m wide. These gouge zones typically have highly fractured manganese stained country rock selvages on one or both walls. Narrow, discontinuous quartz-sulphide veins (up to four centimetres wide) are common within the gouge zones. These veins contain up to 80% sulphide minerals including pyrite, galena, sphalerite and arsenopyrite. A 3 cm wide specimen sample from one of these veins assayed 10697 ppb gold, 1484.88 ppm silver and 36000 ppm lead (Eaton and Halleran, 1985). While a channel sample of gouge and altered wallrock, collected 600 m to the north, returned 1303 ppb gold over 1.2 m (Ross, 1994). Table I lists the best chip and specimen samples collected from trenches dug across parts of this anomaly.

Table I: Significant Trench Assays, Anomaly A

Sample #	Au (ppb)	Ag (ppm)	Pb (ppm)	Zn (ppm)
Faith 2	1510	28.63	-	-
1986-2	240	3.77	-	-
1986-2	206	1.03		
Float	12274	365	1230	21000

Anomaly B

Anomaly B is 1000 m long by 400 m wide. It is centred about 600 m east of Anomaly A. Maximum soil values are 2650 ppb gold and 11.6 ppm silver (Carne and Halleran, 1986).

Three trenches were dug in 1986; however, heavy permafrost posed a problem in reaching bedrock. Where bedrock was reached, it consisted of Kgd cut by widespread aplite and pegmatite dykes and occasional quartz-feldspar porphyry dykes (Kmnr). Thin, northeast and north-northeast trending gouge zones with manganese-rich selvages are common. A specimen sample from a one metre wide gouge zone returned 113 ppb gold while separate samples of gouge and manganese coated wallrock fragments returned values of 289 and 24 ppb gold, respectively (Carne and Halleran, 1986).

Anomaly C

Anomaly C measures 800 m by 400 m. It is located in the eastern part of the property about 1500 m east of Anomaly B. Maximum soil values are 6550 ppb gold and 6.6 ppm silver. Two trenches were dug within this anomaly, but neither reached bedrock. Table II lists the highest values obtained from rock samples taken in this area.

Table II: Significant Rock Assays, Anomaly C

Sample #	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
R2	207	0.1	1	2	34
R4	101	-	1	-	20
R7	126	0.2	2	2	10
R25	2400	2.2	7	27	62
R30	43	0.5	12	110	278

Anomaly D

Anomaly D is located about 1100 m east of Anomaly C. It consists of scattered clusters of anomalous values in an area 1000 m by 300 m. Maximum soil values are 918 ppb gold and 10.2 ppm silver. No rock samples were collected from this anomaly.

DIAMOND DRILLING

General

Drilling was done between June 10 and July 8 by Beaudoin Diamond Drilling Ltd. of Courtenay, BC using a unitized JKS Super-300 diesel powered drill with BTW equipment. A total of 1188.42 m of diamond drilling were completed in four holes.

The holes were designed to test coincident Induced Polarization (IP) and silver-lead-gold soil geochemical anomalies believed to represent mineralized shear and stockwork zones above a buried porphyry system. The drilling was done within the 600 m portion of the IP anomaly with the strongest soil geochemical response.

All drill sites were dug by hand into the hillside and were covered with 8" x 8" timbers and 2" x 8" planks. Drill data for the holes are listed in Table III.

Table III: Drill Data

Hole	Depth (m)	Azm	Dip	Grid coordinate	Claim
ID-07-01	298.70	165	-50°	9200E, 11060N	Idaho 3
ID-07-02	320.95	345	-55°	9375E, 10750N	Idaho 6
ID-07-03	323.01	145	-50°	9600E, 10950N	Idaho 5
ID-07-04	245.67	325	-60°	9035E, 10850N	Idaho 4

Core was flown from the drill site to a central processing area where it was geological and geotechnically logged. Most of the core was split using a manual splitter, with one half placed in a plastic bag containing a pre-numbered assay tag and the other half returned to the core box. All core is stably stored on site.

Sampling Methods

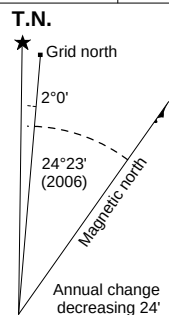
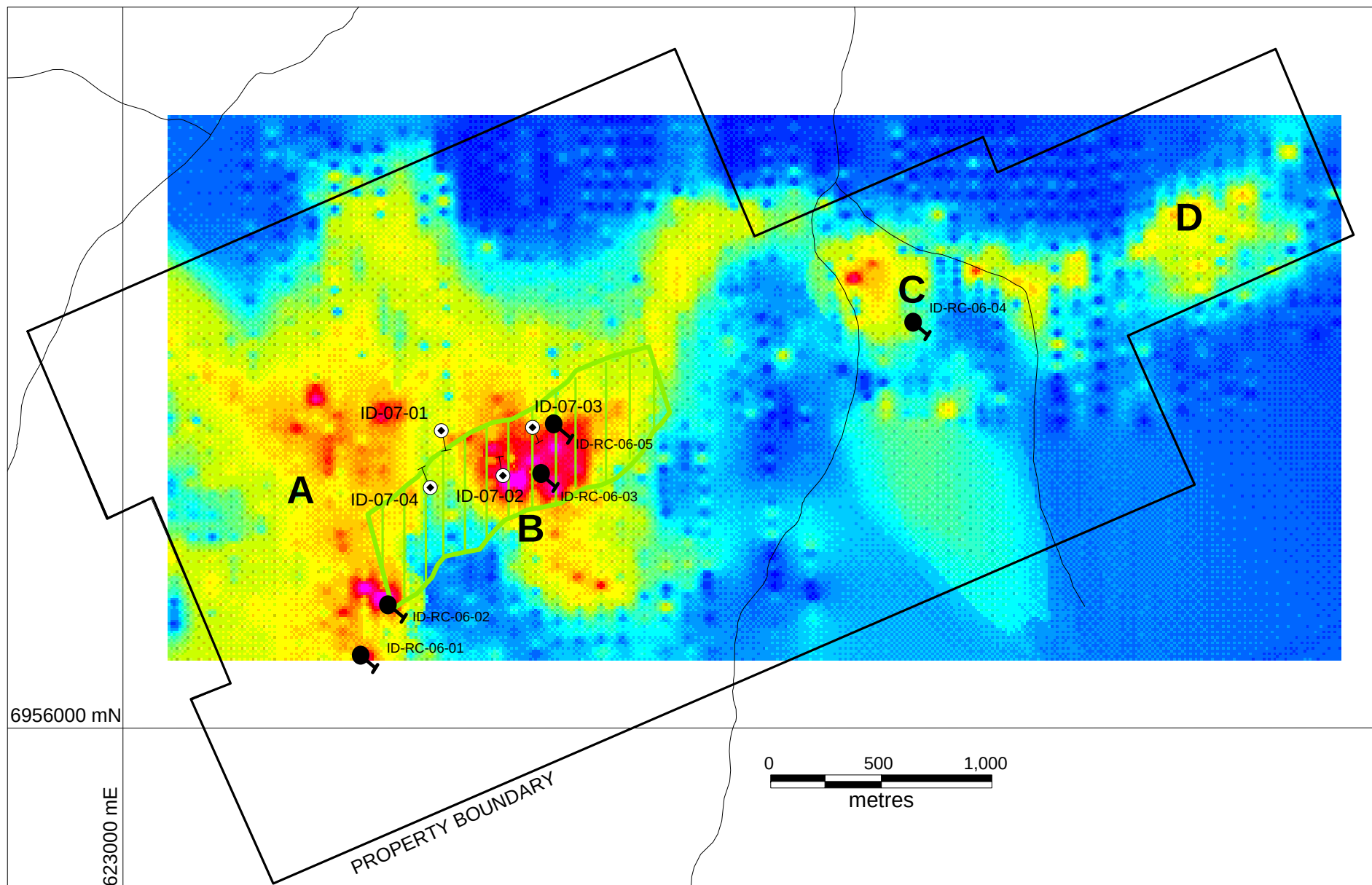
A total of 342 core samples were shipped to ALS Chemex in North Vancouver, British Columbia. The samples were dried and fine crushed to -2 mm, and a 250 g split was then pulverized to 75 micron. A portion of the fine fraction was digested in aqua regia and was analysed for 34 elements by inductively coupled plasma-atomic emission spectroscopy. Over limit copper and silver values were determined using atomic absorption spectroscopy. A separate 30 g charge was analysed for gold by fire assay with inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Certificates of Analysis are located in Appendix II while drill logs are included in Appendix III. Drill sections can be found in Appendix IV.

Mineralization and Alteration

The mineralization in the drill holes is associated with near vertical structural features. The unoxidized mineralization mainly consists of fine grained pyrite and arsenopyrite as disseminations and fine to medium grained pyrite with lesser sphalerite, galena, arsenopyrite and fine black sulphides on fractures. Fracture density and abundance of mineralization generally increase with depth. Moderate to strong wallrock alteration, consisting of epidote-sericite and chlorite-talc, is prevalent in deeper portions of the holes

Fracture densities are typically low, reaching a maximum of one fracture per 20 cm along the core axis. Fractures are generally between one millimetre and two centimetres wide and are healed with quartz, calcite, siderite and manganese.

Figures 7 through 10 (in Appendix IV) illustrate geology and the most significant analytical results. Table IV lists significant intervals within each hole.



- Anomalous I.P. conductivity
 2006 Reverse circulation drill hole
 2007 Diamond drill hole location
A Geochemical showing referred to in text

Pb Geochemistry (ppm)

- $\geq 1,000$
- $\geq 400 < 1000$
- $\geq 200 < 400$
- $\geq 100 < 200$
- $\geq 50 < 100$
- $\geq 20 < 50$
- $\geq 0 < 20$

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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

WORK COMPILATION

IDAHO CREEK PROPERTY

UTM Zone 9, NAD83, NTS 115J/9-115J/10

FILE: .../2007/IDAHO_F6_COMP.WOR

JUNE 2008

Table IV - Significant Diamond Drilling Results

ID-07-01

From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
141.12	144.17	3.05	0.351	35.20	0.28	1.61
209.91	225.81	15.90	-	12.81	0.15	0.21
Including						
		3.05		36.80	0.47	0.65
237.81	256.40	18.95		37.42	0.22	0.36
Including						
240.40	241.77	1.37	0.757	36.20	0.40	1.51
250.90	253.65	2.75	0.291	209.00	0.91	1.14

ID-07-02

From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
213.97	227.84	13.87	-	42.99	0.49	0.75
263.35	265.79	2.44	0.297	29.30	0.36	0.38
276.00	277.67	1.67	0.185	49.7	0.614	0.687

ID-07-03

From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
103.50	114.64	11.14	-	60.35	0.90	0.80
Including						
103.50	105.06	1.56	0.693	114	0.72	0.86
111.30	112.15	0.85	1.27	417	8.17	4.40
192.67	193.50	0.83	-	35.3	0.81	0.43

ID-07-04

From (m)	To (m)	Interval (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
192.59	210.31	17.72	-	23.40	0.28	0.50
Including						
202.91	206.74	3.83	-	48.00	0.58	0.97
224.84	239.34	14.50	-	13.52	0.15	0.29

DISCUSSION AND CONCLUSIONS

Each of the 2007 diamond drill holes intersected substantial intervals with elevated silver, lead and zinc values and sporadic, weakly anomalous gold values. Mineralization is associated with steeply dipping structures possibly above a buried porphyry system. The density of fractures and abundance of mineralization increase with depth. Although mineralization on these fractures likely explain the chargeability anomalies, the overall abundance of mineralization does not appear to explain the size or intensity of soil geochemical Anomalies A and B. Anomalies C and D in the eastern part of the property were not drill tested and are not explained.

The Idaho Creek property remains a viable exploration target. Future work should focus on delineating zones with abundant steeply dipping fractures and sulphide-bearing quartz veins.

Respectfully submitted

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Heather Smith, G.I.T., B.Sc. Geology

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APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Heather Smith, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2006 with a B.Sc. in Earth and Ocean Sciences and am a registered GIT with APEGBC.
2. From 2004 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Northwest Territories.
3. I have personally participated in the fieldwork reported herein and have interpreted all data resulting from this work.

Heather Smith, GIT, B.Sc. Geology

APPENDIX II
CERTIFICATES OF ANALYSIS

**ALS Chemex****EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ATAC RESOURCES LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

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VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 17-SEP-2007

Account: RCM

CERTIFICATE VA07089149

Project: IDAHO CREEK ID-07-02

P.O. No.:

This report is for 34 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 15-AUG-2007.

The following have access to data associated with this certificate:

AL ARCHER
BILL WENGZYNOWSKI

DOUG EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Project: IDAHO CREEK ID-07-02

Page: 2 - A

Total # Pages: 2 (A - C)

Finalized Date: 17-SEP-2007

Account: RCM

CERTIFICATE OF ANALYSIS VA07089149

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
C384451		6.91	<0.2	2.04	<2	<10	650	<0.5	<2	1.24	<0.5	8	15	4	2.93	10
C384452		6.66	<0.2	2.22	2	<10	730	<0.5	<2	1.23	<0.5	7	15	4	2.95	10
C384453		5.84	<0.2	2.24	2	<10	740	<0.5	<2	1.28	<0.5	8	18	14	2.86	10
C384454		6.51	0.2	2.09	5	<10	690	<0.5	<2	1.31	<0.5	8	17	8	2.75	10
C384455		7.34	<0.2	2.41	<2	<10	660	<0.5	<2	1.54	<0.5	9	45	6	2.84	10
C384456		6.72	0.4	0.37	8	<10	70	<0.5	<2	1.36	<0.5	3	6	5	1.18	<10
C384457		6.13	0.2	0.52	7	<10	130	<0.5	<2	1.00	<0.5	3	8	2	1.57	<10
C384458		6.30	0.2	0.73	37	<10	150	<0.5	<2	0.82	<0.5	3	11	4	1.53	<10
C384459		6.03	0.2	0.64	3	<10	130	<0.5	<2	0.86	<0.5	4	9	2	1.63	<10
C384460		6.12	0.2	0.52	16	<10	110	<0.5	<2	1.28	<0.5	4	9	3	1.75	<10
C384461		4.59	5.2	1.00	16	<10	180	0.6	<2	1.85	<0.5	8	8	17	2.51	<10
C384462		7.29	<0.2	2.67	<2	<10	640	<0.5	<2	1.88	<0.5	10	16	30	3.38	10
C384463		5.18	0.3	2.15	15	<10	510	<0.5	<2	2.33	<0.5	11	13	28	3.44	10
C384464		5.60	<0.2	2.28	5	<10	600	<0.5	<2	1.82	<0.5	10	16	7	3.32	10
C384465		5.39	<0.2	2.22	7	<10	640	<0.5	<2	1.72	<0.5	8	15	5	3.12	10
C384466		4.02	<0.2	1.92	4	<10	580	<0.5	<2	2.04	<0.5	9	12	18	3.20	10
C384467		5.35	<0.2	0.52	15	<10	100	0.5	<2	1.44	<0.5	4	6	3	1.68	<10
C384468		7.43	<0.2	0.85	4	<10	220	<0.5	<2	0.91	<0.5	4	9	3	1.83	<10
C384469		8.51	<0.2	2.19	2	<10	550	<0.5	<2	2.15	<0.5	9	15	4	3.37	10
C384470		7.27	<0.2	2.40	6	<10	730	<0.5	<2	1.83	<0.5	9	16	7	3.39	10
C384471		5.28	<0.2	2.37	<2	<10	530	<0.5	<2	2.11	<0.5	10	16	8	3.56	10
C384472		3.84	0.2	1.73	5	<10	320	<0.5	<2	2.64	<0.5	11	12	7	3.80	<10
C384473		5.61	<0.2	2.69	8	<10	700	<0.5	<2	1.71	<0.5	10	18	6	3.36	10
C384474		4.40	<0.2	2.79	6	<10	700	<0.5	<2	1.78	<0.5	9	17	26	3.35	10
C384475		5.87	<0.2	2.23	2	<10	460	<0.5	<2	1.94	<0.5	10	14	32	3.35	10
C384476		3.15	<0.2	1.66	8	<10	450	<0.5	<2	2.09	<0.5	10	11	5	3.39	10
C384477		5.75	<0.2	2.27	<2	<10	470	<0.5	<2	1.78	<0.5	9	15	9	3.21	10
C384478		2.81	<0.2	1.90	5	<10	480	<0.5	<2	1.91	<0.5	9	12	6	3.48	10
C384479		5.76	<0.2	1.83	3	<10	450	<0.5	<2	1.88	<0.5	10	13	7	3.43	<10
C384480		5.68	0.2	1.57	6	<10	460	<0.5	<2	1.37	<0.5	8	13	5	2.80	10
C384481		5.58	0.2	1.10	8	<10	310	<0.5	<2	1.90	0.5	7	10	4	2.59	<10
C384482		5.83	<0.2	1.13	4	<10	310	<0.5	<2	1.92	<0.5	7	10	5	2.67	<10
C384483		5.57	1.1	1.26	20	<10	290	<0.5	2	1.94	2.4	7	10	9	2.73	<10
C384484		7.55	<0.2	1.62	3	<10	300	<0.5	<2	2.31	<0.5	9	10	6	2.80	<10



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Project: IDAHO CREEK ID-07-02

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CERTIFICATE OF ANALYSIS VA07089149

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
C384451		<1	0.49	20	0.88	555	<1	0.24	3	840	5	0.01	<2	6	94
C384452		1	0.60	20	0.89	552	<1	0.29	4	840	4	0.01	<2	5	108
C384453		1	0.63	20	0.85	504	1	0.28	4	960	5	0.02	<2	4	121
C384454		1	0.58	20	0.83	559	<1	0.27	4	880	6	0.06	<2	5	116
C384455		<1	0.69	20	1.12	590	<1	0.31	18	930	5	0.02	3	6	128
C384456		<1	0.21	20	0.36	378	<1	0.02	1	180	14	0.09	3	1	56
C384457		<1	0.24	20	0.39	559	<1	0.04	<1	220	10	0.26	<2	3	44
C384458		<1	0.32	20	0.32	497	<1	0.06	1	210	13	0.06	4	3	35
C384459		<1	0.25	30	0.43	487	<1	0.05	1	250	16	0.07	<2	3	47
C384460		<1	0.23	30	0.46	717	<1	0.03	1	260	17	0.25	2	3	56
C384461		<1	0.30	20	0.56	679	2	0.08	3	700	9	0.33	5	5	99
C384462		<1	0.62	20	1.08	668	1	0.34	4	1110	2	0.07	3	7	191
C384463		<1	0.52	20	1.07	1135	10	0.17	5	1110	6	0.28	3	7	158
C384464		<1	0.55	20	1.01	717	7	0.23	6	1020	2	0.14	<2	7	148
C384465		1	0.57	20	0.94	720	17	0.24	4	920	2	0.10	<2	7	138
C384466		<1	0.51	20	0.98	693	<1	0.23	5	1060	3	0.12	<2	8	169
C384467		<1	0.18	20	0.45	717	<1	0.01	1	270	13	0.18	2	3	55
C384468		<1	0.38	20	0.41	633	<1	0.09	<1	270	9	0.07	2	4	49
C384469		1	0.53	20	1.02	774	1	0.26	4	1020	5	0.10	<2	8	163
C384470		1	0.57	20	1.10	697	1	0.28	4	930	5	0.04	3	8	145
C384471		1	0.48	20	1.20	791	<1	0.25	4	930	7	0.06	4	9	156
C384472		<1	0.35	20	1.16	1045	<1	0.13	5	1090	26	0.30	6	8	158
C384473		<1	0.70	20	1.03	605	<1	0.33	5	1060	6	0.03	2	6	161
C384474		1	0.72	20	1.06	591	<1	0.36	5	1020	5	0.03	<2	7	181
C384475		<1	0.43	20	1.03	674	<1	0.23	4	1000	5	0.09	2	8	174
C384476		1	0.41	20	0.90	779	<1	0.15	5	1030	7	0.25	4	6	154
C384477		1	0.45	20	1.00	645	<1	0.25	5	950	5	0.04	3	7	155
C384478		<1	0.46	20	1.00	904	<1	0.18	5	980	9	0.20	5	8	156
C384479		<1	0.39	20	0.99	890	<1	0.16	4	840	8	0.22	3	7	135
C384480		1	0.37	20	0.84	673	<1	0.17	3	850	4	0.06	2	6	117
C384481		1	0.29	20	0.82	736	<1	0.08	4	810	15	0.15	<2	5	110
C384482		<1	0.30	20	0.82	753	<1	0.09	4	830	5	0.19	2	5	125
C384483		<1	0.30	20	0.81	696	<1	0.10	3	800	118	0.34	3	5	150
C384484		<1	0.33	20	0.89	755	<1	0.11	3	890	9	0.14	3	5	130



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CERTIFICATE OF ANALYSIS VA07089149

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
		Ti	Ti	U	V	W	Zn	Au
		%	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2	0.001
C384451		0.21	<10	<10	69	<10	44	0.002
C384452		0.23	<10	<10	70	<10	45	<0.001
C384453		0.24	<10	<10	74	<10	44	0.001
C384454		0.20	<10	<10	69	<10	47	0.002
C384455		0.21	<10	<10	77	<10	49	0.002
C384456		<0.01	<10	<10	7	<10	33	0.002
C384457		0.02	<10	10	17	<10	34	0.001
C384458		0.04	<10	10	21	<10	62	0.004
C384459		0.03	<10	10	22	<10	35	0.001
C384460		0.01	<10	10	18	<10	60	0.001
C384461		0.02	<10	10	35	<10	64	0.002
C384462		0.19	<10	<10	87	<10	41	0.002
C384463		0.12	<10	<10	72	<10	48	0.019
C384464		0.15	<10	<10	79	<10	44	<0.001
C384465		0.15	<10	<10	73	<10	41	0.002
C384466		0.13	<10	<10	73	<10	37	<0.001
C384467		0.01	<10	10	17	<10	39	0.002
C384468		0.06	<10	<10	29	<10	37	0.001
C384469		0.13	<10	<10	75	<10	57	0.001
C384470		0.16	<10	<10	83	<10	57	<0.001
C384471		0.11	<10	<10	81	<10	56	<0.001
C384472		0.05	<10	<10	66	<10	102	0.002
C384473		0.20	<10	<10	89	<10	52	0.002
C384474		0.19	<10	<10	87	<10	51	0.004
C384475		0.11	<10	<10	75	<10	54	0.001
C384476		0.08	<10	<10	60	<10	54	0.001
C384477		0.12	<10	<10	76	<10	52	0.001
C384478		0.10	<10	<10	68	<10	59	0.002
C384479		0.08	<10	<10	70	<10	61	0.005
C384480		0.10	<10	<10	58	<10	58	0.002
C384481		0.05	<10	<10	43	<10	76	0.007
C384482		0.05	<10	10	45	<10	48	<0.001
C384483		0.03	<10	<10	42	<10	190	0.003
C384484		0.04	<10	<10	47	<10	57	0.002



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Finalized Date: 9-AUG-2007
Account: RCM

CERTIFICATE VA07077531

Project: IDAHO CREEK ID-07-02

P.O. No.:

This report is for 73 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

AL ARCHER
BILL WENGZYNOWSKI

DOUG EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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CERTIFICATE OF ANALYSIS VA07077531

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
C384195		5.16	0.002	0.2	1.75	15	<10	540	<0.5	<2	1.29	<0.5	8	12	9
C384196		3.64	0.031	5.9	1.08	86	<10	250	0.7	<2	3.75	2.3	9	5	15
C384197		4.96	0.002	<0.2	1.96	4	<10	580	<0.5	<2	1.76	<0.5	8	13	9
C384198		6.40	0.002	<0.2	2.18	3	<10	790	<0.5	<2	1.35	<0.5	8	16	10
C384199		0.78	0.008	<0.2	1.03	109	<10	180	0.5	<2	0.63	<0.5	7	6	2
C384200		5.40	0.001	<0.2	1.94	<2	<10	620	<0.5	<2	1.43	<0.5	8	13	2
C384201		5.58	0.002	<0.2	2.16	2	<10	650	<0.5	<2	1.56	<0.5	8	15	3
C384202		5.52	0.002	<0.2	2.36	14	<10	570	<0.5	<2	1.66	<0.5	9	11	4
C384203		5.04	0.001	0.3	3.01	<2	<10	340	<0.5	<2	2.74	<0.5	13	119	36
C384204		6.34	0.001	<0.2	2.28	3	<10	360	<0.5	<2	2.36	<0.5	10	35	10
C384205		5.72	0.001	<0.2	1.82	11	<10	560	<0.5	<2	2.30	<0.5	9	11	13
C384206		4.52	0.003	<0.2	2.19	7	<10	650	<0.5	2	2.20	<0.5	9	10	12
C384207		4.00	0.002	<0.2	2.05	84	<10	700	0.5	<2	1.75	<0.5	9	10	8
C384208		4.50	0.001	<0.2	1.04	2	<10	210	<0.5	<2	0.73	<0.5	5	8	6
C384209		5.04	0.001	<0.2	1.15	4	<10	220	<0.5	<2	0.78	<0.5	5	8	5
C384210		6.14	0.004	0.3	0.62	7	<10	60	0.5	<2	0.89	<0.5	3	9	5
C384211		6.18	0.259	8.3	0.54	724	<10	60	0.6	<2	3.05	44.1	13	13	60
C384212		6.88	0.079	3.7	0.44	410	<10	120	0.7	<2	2.41	15.8	4	3	16
C384213		2.34	0.002	<0.2	0.03	7	<10	10	<0.5	<2	19.5	<0.5	<1	<1	1
C384214		5.04	0.014	1.8	0.59	61	<10	90	0.5	<2	1.61	2.0	4	5	8
C384215		5.16	0.001	<0.2	0.53	17	<10	110	0.7	<2	2.23	<0.5	3	5	4
C384216		5.30	0.007	0.4	0.37	39	<10	120	0.7	<2	1.67	<0.5	3	4	8
C384217		4.84	0.001	0.2	0.35	15	<10	30	0.6	<2	0.78	<0.5	<1	5	5
C384218		4.28	0.001	<0.2	1.45	<2	<10	490	<0.5	<2	0.67	<0.5	7	8	4
C384219		4.36	0.001	<0.2	0.95	2	<10	200	<0.5	<2	0.63	<0.5	3	8	2
C384220		5.68	0.002	<0.2	0.64	10	<10	130	<0.5	<2	1.04	<0.5	4	7	4
C384221		5.14	0.004	<0.2	0.38	28	<10	50	0.5	<2	1.21	<0.5	2	6	5
C384222		5.30	0.002	<0.2	0.49	10	<10	40	0.6	<2	1.01	<0.5	4	5	4
C384223		5.96	0.001	<0.2	2.31	3	<10	770	<0.5	<2	1.54	<0.5	9	14	10
C384224		6.70	0.002	<0.2	2.40	<2	<10	690	<0.5	<2	1.79	<0.5	10	14	26
C384225		5.28	0.601	14.6	0.45	2830	<10	110	0.5	<2	1.82	38.7	4	4	57
C384226		2.70	0.009	0.2	0.51	39	<10	60	0.5	<2	1.68	<0.5	5	4	5
C384227		3.88	0.263	2.2	0.76	120	<10	360	0.6	<2	3.21	6.0	10	6	27
C384228		6.62	0.004	<0.2	2.31	5	<10	640	<0.5	<2	1.99	<0.5	9	18	9
C384229		6.98	0.003	<0.2	2.14	4	<10	550	<0.5	<2	2.26	<0.5	10	14	9
C384230		6.98	0.004	0.7	1.00	27	<10	490	0.5	<2	4.47	<0.5	10	8	10
C384231		4.62	0.017	0.7	0.99	82	<10	240	0.6	<2	2.84	0.7	11	8	8
C384232		6.08	0.005	1.0	1.09	83	<10	300	<0.5	<2	2.75	<0.5	10	7	9
C384233		6.46	0.018	2.0	1.05	70	<10	190	0.6	<2	3.01	3.8	9	7	10
C384234		2.58	0.002	<0.2	0.77	31	<10	110	0.6	<2	1.70	<0.5	9	6	14



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Project: IDAHO CREEK ID-07-02

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CERTIFICATE OF ANALYSIS VA07077531

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
C384195		<10	<1	0.46	20	0.74	552	1	0.15	10	870	22	0.02	3	6
C384196		<10	<1	0.30	20	0.83	6870	2	0.04	5	830	183	0.03	17	8
C384197		10	<1	0.48	20	0.79	659	<1	0.20	5	920	4	0.06	3	7
C384198		10	<1	0.58	20	0.86	539	<1	0.25	7	960	4	0.01	3	5
C384199		<10	<1	0.23	30	0.25	655	1	0.05	4	860	4	<0.01	4	6
C384200		10	<1	0.49	20	0.86	570	1	0.21	5	850	2	0.01	3	6
C384201		10	<1	0.55	20	0.91	605	2	0.24	7	960	5	0.06	2	5
C384202		10	<1	0.53	10	0.96	677	<1	0.25	5	1010	5	0.05	3	7
C384203		10	<1	0.19	10	1.73	585	1	0.28	42	1050	8	0.08	2	10
C384204		10	<1	0.35	10	1.21	650	<1	0.21	16	970	4	0.13	<2	8
C384205		10	<1	0.46	20	0.88	834	1	0.19	5	810	5	0.21	<2	8
C384206		10	<1	0.53	20	0.97	847	2	0.20	5	860	5	0.13	2	9
C384207		10	<1	0.60	20	0.81	792	1	0.17	5	850	6	0.07	3	8
C384208		<10	<1	0.34	30	0.46	478	<1	0.10	2	270	6	0.02	2	4
C384209		<10	<1	0.39	30	0.51	522	<1	0.11	1	320	18	0.03	2	5
C384210		<10	<1	0.20	10	0.27	276	5	0.07	2	200	16	0.05	2	2
C384211		<10	<1	0.29	10	0.89	7740	1	0.01	31	920	930	4.30	76	6
C384212		<10	<1	0.23	10	0.77	4010	<1	0.01	5	200	388	1.53	49	2
C384213		<10	<1	0.01	<10	12.05	212	1	0.01	1	180	7	<0.01	3	<1
C384214		<10	<1	0.26	20	0.45	2020	<1	0.03	2	250	175	0.67	8	3
C384215		<10	<1	0.20	20	0.38	715	<1	0.02	1	220	14	0.11	5	2
C384216		<10	<1	0.20	10	0.27	709	<1	0.01	1	140	21	0.35	5	1
C384217		<10	<1	0.16	10	0.17	213	2	0.04	1	10	17	0.06	4	<1
C384218		10	<1	0.87	50	0.84	950	<1	0.09	2	450	10	0.02	2	8
C384219		<10	<1	0.37	30	0.43	478	<1	0.10	1	250	8	0.02	2	4
C384220		<10	<1	0.26	20	0.39	561	<1	0.05	1	240	12	0.12	3	3
C384221		<10	<1	0.20	10	0.19	354	<1	0.04	1	120	17	0.17	4	1
C384222		<10	<1	0.14	20	0.42	585	<1	0.01	1	260	19	0.14	3	3
C384223		10	<1	0.63	20	0.95	600	7	0.29	5	1020	4	0.03	2	6
C384224		10	<1	0.57	20	0.98	627	5	0.29	7	1120	3	0.05	2	7
C384225		<10	<1	0.21	20	0.47	1210	2	0.03	1	250	1365	1.96	9	2
C384226		<10	<1	0.20	20	0.39	893	3	0.01	3	270	29	0.35	3	2
C384227		<10	<1	0.32	10	0.98	1865	2	0.02	5	890	302	0.63	5	6
C384228		10	1	0.57	20	0.92	808	1	0.27	5	870	6	0.06	2	7
C384229		10	<1	0.47	20	1.05	773	1	0.22	5	910	8	0.13	<2	8
C384230		<10	<1	0.30	20	1.52	1360	4	0.06	5	810	26	0.27	4	8
C384231		<10	<1	0.28	20	1.03	1250	3	0.05	6	1060	42	0.75	5	9
C384232		<10	<1	0.32	20	0.81	2300	1	0.08	4	780	57	0.56	6	6
C384233		<10	<1	0.32	20	0.90	1835	1	0.03	5	820	352	0.55	7	4
C384234		<10	<1	0.17	20	0.81	1590	1	0.01	4	790	22	0.17	10	7



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CERTIFICATE OF ANALYSIS VA07077531

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.01
C384195		<20	0.13	<10	<10	62	<10	77	
C384196		<20	0.03	<10	<10	38	<10	324	
C384197		<20	0.13	<10	10	62	<10	49	
C384198		<20	0.20	<10	<10	71	<10	44	
C384199		<20	0.01	<10	<10	36	<10	147	
C384200		<20	0.15	<10	<10	64	<10	41	
C384201		<20	0.17	<10	<10	68	<10	47	
C384202		<20	0.15	<10	<10	73	<10	72	
C384203		<20	0.12	<10	<10	70	<10	59	
C384204		<20	0.11	<10	<10	70	<10	52	
C384205		<20	0.11	<10	<10	63	<10	62	
C384206		<20	0.14	<10	<10	76	<10	61	
C384207		<20	0.16	<10	<10	71	<10	131	
C384208		20	0.07	<10	10	33	<10	38	
C384209		20	0.08	<10	10	35	<10	39	
C384210		20	0.01	<10	30	14	<10	24	
C384211		<20	<0.01	<10	<10	16	<10	3720	
C384212		20	<0.01	<10	20	5	<10	1575	
C384213		<20	<0.01	<10	<10	2	<10	30	
C384214		20	0.01	<10	10	13	<10	219	
C384215		30	<0.01	<10	10	9	<10	61	
C384216		20	<0.01	<10	10	3	<10	73	
C384217		30	<0.01	<10	30	1	<10	51	
C384218		50	0.22	<10	10	61	<10	76	
C384219		30	0.07	<10	10	30	<10	38	
C384220		30	0.03	<10	10	19	<10	41	
C384221		30	<0.01	<10	20	4	<10	52	
C384222		30	<0.01	<10	10	15	<10	41	
C384223		<20	0.20	<10	<10	77	<10	37	
C384224		<20	0.19	<10	10	81	<10	37	
C384225		20	<0.01	<10	10	11	<10	3520	
C384226		30	<0.01	<10	10	9	<10	59	
C384227		<20	<0.01	<10	<10	29	<10	519	
C384228		<20	0.15	<10	10	71	<10	86	
C384229		<20	0.11	<10	<10	71	<10	69	
C384230		<20	0.02	<10	<10	47	<10	89	
C384231		<20	0.02	<10	<10	49	<10	126	
C384232		<20	0.03	<10	<10	44	<10	117	
C384233		<20	<0.01	<10	<10	34	<10	400	
C384234		<20	<0.01	<10	<10	37	<10	91	



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CERTIFICATE OF ANALYSIS VA07077531

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
Sample Description	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
C384235	5.60	0.016	0.9	0.58	97	<10	180	0.7	<2	2.07	1.4	9	4	11	3.05
C384236	4.66	0.042	0.9	0.68	133	<10	120	0.7	<2	1.90	0.9	11	4	16	3.64
C384237	5.92	0.003	0.2	0.97	23	<10	140	0.8	<2	1.90	<0.5	11	9	5	3.71
C384238	6.54	0.082	7.5	0.76	283	<10	110	0.8	<2	2.91	18.6	11	7	24	4.73
C384239	1.98	0.003	0.2	0.04	<2	<10	10	<0.5	2	19.6	<0.5	1	<1	1	0.44
C384240	2.76	0.003	<0.2	2.13	7	<10	500	<0.5	<2	2.24	<0.5	10	12	5	3.62
C384241	4.82	0.004	<0.2	2.01	4	<10	430	<0.5	<2	2.30	<0.5	9	11	3	3.41
C384242	3.76	0.384	18.5	0.59	1380	<10	80	0.6	<2	1.41	45.9	9	4	34	4.38
C384243	5.56	0.406	47.0	0.50	2340	<10	70	<0.5	<2	0.40	99.7	6	3	65	4.80
C384244	5.02	0.261	34.6	0.49	633	<10	60	<0.5	<2	0.57	85.5	6	3	68	4.58
C384245	5.40	0.562	66.0	0.55	2300	<10	20	<0.5	2	0.82	188.0	11	3	148	7.41
C384246	2.12	0.004	<0.2	0.03	7	<10	10	<0.5	<2	20.0	<0.5	1	1	2	0.48
C384247	4.22	0.002	40.7	0.64	1460	<10	50	0.6	<2	1.29	127.5	11	4	104	6.39
C384248	2.46	0.340	0.2	0.04	10	<10	10	<0.5	<2	19.5	<0.5	1	1	2	0.48
C384249	4.70	0.002	0.3	2.42	14	<10	650	<0.5	<2	2.01	<0.5	10	14	14	3.82
C384250	4.62	0.005	0.2	0.95	8	<10	230	<0.5	<2	2.67	<0.5	9	6	6	3.51
C384251	5.54	0.005	<0.2	1.15	9	<10	310	<0.5	<2	2.55	<0.5	9	8	10	3.41
C384252	5.22	0.004	0.2	0.60	19	<10	200	0.5	<2	2.04	<0.5	9	4	7	3.31
C384253	4.34	0.297	29.3	0.54	1990	<10	30	<0.5	<2	1.99	54.6	9	2	55	4.42
C384254	5.54	0.001	0.3	1.39	12	<10	340	<0.5	<2	3.19	<0.5	10	9	23	3.39
C384255	5.90	0.012	0.3	0.82	19	<10	310	0.6	2	3.21	<0.5	9	6	5	3.33
C384256	7.72	0.018	2.4	0.68	44	10	120	0.7	<2	2.79	3.0	7	4	8	2.75
C384257	3.46	0.185	49.7	0.53	551	<10	30	0.6	<2	1.65	97.4	7	3	115	4.41
C384258	4.12	0.003	0.3	1.13	10	<10	280	<0.5	<2	2.09	<0.5	7	8	15	2.76
C384259	4.44	0.120	8.3	0.67	418	<10	80	0.5	<2	2.46	16.5	7	4	30	4.16
C384260	6.58	0.049	2.1	1.25	189	<10	210	0.6	<2	2.90	2.1	10	7	17	3.54
C384261	2.40	0.003	<0.2	0.04	2	<10	10	<0.5	<2	19.8	<0.5	1	1	1	0.46
C384262	7.58	0.007	2.0	2.08	38	<10	360	<0.5	<2	2.75	3.5	10	13	21	3.75
C384263	7.02	0.014	1.5	1.92	35	<10	350	<0.5	<2	2.75	2.3	10	13	14	3.79
C384264	6.50	0.024	1.8	1.13	123	<10	200	0.5	<2	3.36	4.3	10	8	16	3.86
C384265	4.94	0.011	3.0	0.66	96	<10	170	<0.5	<2	2.51	8.4	5	5	13	2.45
C384266	2.72	0.004	1.0	2.12	18	<10	270	<0.5	<2	3.32	3.2	11	12	10	4.06
C384267	7.72	0.012	1.4	0.54	215	<10	130	<0.5	<2	1.51	5.9	4	6	16	1.79



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CERTIFICATE OF ANALYSIS VA07077531

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
C384235		<10	<1	0.33	10	0.76	2760	2	0.01	3	620	119	1.03	8	3	64
C384236		<10	<1	0.40	10	0.66	2180	2	0.02	7	880	41	1.96	12	4	60
C384237		<10	<1	0.21	20	0.84	1500	1	0.01	7	1030	15	0.31	7	9	52
C384238		<10	<1	0.31	10	1.08	2320	<1	0.02	7	1050	764	2.57	11	7	82
C384239		<10	<1	0.01	<10	12.20	196	<1	0.02	<1	180	<2	<0.01	3	<1	52
C384240		10	<1	0.43	20	1.12	848	5	0.21	5	920	10	0.14	2	7	143
C384241		10	<1	0.36	20	1.19	912	3	0.18	5	800	6	0.09	2	8	124
C384242		<10	<1	0.28	10	0.73	1680	1	0.01	5	790	2890	2.95	19	5	55
C384243		<10	<1	0.32	10	0.22	645	<1	0.01	3	410	4950	4.90	204	1	25
C384244		<10	<1	0.31	10	0.19	1160	<1	0.01	6	430	4170	4.99	173	2	34
C384245		<10	1	0.35	10	0.30	703	<1	0.01	7	990	6420	8.54	671	2	39
C384246		<10	<1	0.02	<10	12.15	205	<1	0.02	<1	180	15	<0.01	2	<1	51
C384247		<10	<1	0.32	10	0.60	1105	1	0.02	6	970	5660	6.39	209	3	75
C384248		<10	<1	0.02	<10	11.95	181	<1	0.01	<1	210	23	<0.01	3	<1	51
C384249		10	<1	0.61	20	1.13	1060	<1	0.25	5	1100	29	0.18	6	7	164
C384250		<10	<1	0.26	10	0.92	1210	<1	0.05	5	810	13	0.42	5	5	164
C384251		<10	<1	0.28	20	0.89	895	1	0.07	4	810	11	0.22	5	6	141
C384252		<10	<1	0.32	10	0.78	1320	1	0.01	5	780	17	0.62	5	3	89
C384253		<10	<1	0.35	10	0.50	3640	2	0.01	5	940	3580	4.37	28	2	57
C384254		<10	<1	0.29	20	1.06	923	1	0.07	5	950	19	0.24	3	6	144
C384255		<10	<1	0.25	10	1.00	1140	1	0.03	6	930	22	0.88	5	6	155
C384256		<10	<1	0.30	10	0.83	1145	2	0.02	4	760	274	1.56	6	5	127
C384257		<10	<1	0.28	10	0.48	1400	1	0.01	4	710	6140	4.71	38	3	60
C384258		<10	<1	0.23	20	0.71	734	1	0.07	3	790	33	0.16	5	6	125
C384259		<10	<1	0.29	10	0.68	1250	3	0.03	8	770	914	2.90	11	4	108
C384260		<10	<1	0.38	10	0.91	1500	1	0.07	4	920	140	1.36	8	6	144
C384261		<10	<1	0.02	<10	12.25	199	<1	0.01	<1	170	4	<0.01	2	<1	51
C384262		10	<1	0.43	20	1.13	1150	1	0.17	7	1050	138	0.44	4	7	170
C384263		10	1	0.40	20	1.13	1155	1	0.14	7	910	72	0.46	3	7	151
C384264		<10	<1	0.33	10	1.08	1750	1	0.03	7	830	140	1.47	5	7	130
C384265		<10	<1	0.32	20	0.79	1190	1	0.02	3	550	253	0.57	4	3	109
C384266		10	<1	0.34	20	1.33	1055	1	0.09	6	1520	88	0.21	4	7	176
C384267		<10	1	0.31	20	0.38	628	<1	0.01	2	270	104	0.70	5	2	66



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CERTIFICATE OF ANALYSIS VA07077531

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	0.01
C384235		<20	<0.01	<10	10	16	<10	158	
C384236		<20	<0.01	<10	<10	17	<10	113	
C384237		<20	<0.01	<10	<10	46	<10	61	
C384238		<20	<0.01	<10	10	36	<10	1410	
C384239		<20	<0.01	<10	<10	1	<10	16	
C384240		<20	0.10	<10	<10	72	<10	64	
C384241		<20	0.07	<10	<10	69	<10	55	
C384242		<20	<0.01	<10	<10	27	<10	3420	
C384243		20	<0.01	<10	10	6	<10	6760	
C384244		20	<0.01	<10	10	6	<10	6120	
C384245		<20	<0.01	<10	<10	9	<10	>10000	1.20
C384246		<20	<0.01	<10	<10	2	<10	39	
C384247		<20	<0.01	<10	<10	18	<10	8160	
C384248		<20	<0.01	<10	<10	2	<10	50	
C384249		<20	0.15	<10	<10	78	<10	97	
C384250		<20	0.01	<10	<10	38	<10	64	
C384251		<20	0.02	<10	<10	44	<10	65	
C384252		<20	<0.01	<10	10	17	<10	93	
C384253		<20	<0.01	<10	<10	9	<10	3810	
C384254		<20	0.01	<10	<10	49	<10	76	
C384255		<20	<0.01	<10	<10	35	<10	63	
C384256		<20	<0.01	<10	10	20	<10	270	
C384257		<20	<0.01	<10	10	12	<10	6870	
C384258		<20	0.03	<10	<10	42	<10	80	
C384259		<20	<0.01	<10	10	21	<10	1205	
C384260		<20	0.02	<10	<10	40	<10	196	
C384261		<20	<0.01	<10	<10	2	<10	19	
C384262		<20	0.07	<10	<10	70	<10	328	
C384263		<20	0.06	<10	<10	67	<10	255	
C384264		<20	0.01	<10	<10	46	<10	342	
C384265		20	<0.01	<10	<10	21	<10	572	
C384266		<20	0.03	<10	<10	69	<10	275	
C384267		20	<0.01	<10	<10	7	<10	343	

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Account: RCM

CERTIFICATE VA07077530

Project: IDAHO CREEK ID-07-03

P.O. No.:

This report is for 89 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

AL ARCHER
BILL WENGZYNOWSKI

DOUG EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **ATAC RESOURCES LTD.**
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C384268		6.02	<0.001	<0.2	2.71	5	<10	540	<0.5	<2	1.76	<0.5	9	13	9	3.42
C384269		4.12	0.033	0.9	1.51	366	<10	270	<0.5	<2	1.55	<0.5	7	9	7	2.72
C384270		5.78	0.013	0.2	0.73	179	<10	70	<0.5	<2	1.42	<0.5	3	6	5	1.75
C384271		4.60	0.019	0.2	1.25	440	<10	190	<0.5	<2	1.56	3.1	5	6	10	2.19
C384272		7.26	0.004	<0.2	2.01	37	<10	550	<0.5	<2	1.64	<0.5	7	10	8	2.98
C384273		4.72	0.030	1.7	1.11	231	<10	220	<0.5	<2	2.41	3.8	7	6	17	2.95
C384274		6.00	<0.001	<0.2	1.84	3	<10	490	<0.5	<2	1.38	<0.5	7	12	6	2.87
C384275		6.02	<0.001	<0.2	1.52	2	<10	500	<0.5	<2	1.03	<0.5	6	10	7	2.51
C384276		8.00	0.001	<0.2	1.86	2	<10	490	<0.5	<2	1.31	<0.5	7	11	9	2.88
C384277		6.94	0.001	<0.2	1.69	3	<10	580	<0.5	<2	1.03	<0.5	7	11	5	2.66
C384278		7.28	0.002	0.4	1.72	21	<10	400	<0.5	2	1.76	<0.5	7	10	15	2.86
C384279		6.26	0.001	<0.2	2.25	4	<10	460	<0.5	<2	1.82	<0.5	9	12	13	3.33
C384280		6.44	0.001	<0.2	1.61	10	<10	550	<0.5	<2	1.10	<0.5	9	13	13	2.63
C384281		6.08	0.002	<0.2	2.39	55	<10	520	<0.5	<2	2.02	<0.5	9	14	19	3.31
C384282		5.22	0.003	<0.2	2.36	72	<10	420	<0.5	<2	2.15	<0.5	9	14	21	3.25
C384283		6.48	<0.001	<0.2	2.32	5	<10	530	<0.5	<2	1.96	<0.5	8	14	9	3.36
C384284		5.44	<0.001	<0.2	0.84	<2	<10	150	<0.5	<2	1.15	<0.5	4	6	4	1.81
C384285		5.18	<0.001	<0.2	0.76	7	<10	140	<0.5	<2	0.87	<0.5	4	6	6	1.70
C384286		6.38	<0.001	<0.2	0.85	<2	<10	220	<0.5	<2	0.64	<0.5	4	8	4	1.68
C384287		1.96	0.001	<0.2	0.04	<2	<10	10	<0.5	<2	19.4	<0.5	<1	<1	1	0.39
C384288		4.56	<0.001	<0.2	0.81	<2	<10	110	0.6	<2	1.31	<0.5	3	4	5	1.53
C384289		5.90	0.002	<0.2	0.60	18	<10	120	0.6	<2	1.52	<0.5	3	5	3	1.68
C384290		5.74	0.003	0.3	0.86	25	<10	180	0.5	<2	1.34	<0.5	3	6	4	1.50
C384291		3.80	0.693	>100	0.73	3520	<10	60	0.6	<2	2.28	105.0	5	2	256	5.24
C384292		4.48	0.041	3.0	0.94	155	<10	150	0.7	<2	2.20	2.0	5	3	22	1.90
C384293		5.14	0.113	7.2	0.65	625	<10	110	0.6	<2	4.34	10.8	10	4	21	3.76
C384294		1.90	1.265	>100	0.49	>10000	<10	10	<0.5	<2	0.70	566	7	2	391	15.5
C384295		1.76	0.002	1.0	0.04	28	<10	20	<0.5	<2	19.8	<0.5	<1	<1	2	0.41
C384296		4.86	0.446	43.8	0.57	1100	<10	30	0.5	<2	1.71	135.5	10	3	119	6.65
C384297		4.14	0.005	0.2	1.58	<2	<10	430	<0.5	<2	2.76	<0.5	9	10	4	3.27
C384298		5.08	0.013	0.6	0.72	57	<10	220	0.5	<2	2.78	<0.5	8	5	8	3.05
C384299		4.08	0.076	1.3	0.61	289	<10	140	0.6	<2	3.03	2.3	8	3	8	3.07
C384300		6.46	<0.001	<0.2	1.91	5	<10	350	<0.5	<2	2.86	<0.5	9	12	12	3.23
C384301		7.48	0.001	<0.2	2.13	5	<10	530	<0.5	<2	2.23	<0.5	9	12	12	3.47
C384302		6.64	<0.001	<0.2	0.90	3	<10	110	<0.5	<2	1.22	<0.5	4	7	5	1.63
C384303		5.84	<0.001	<0.2	1.91	<2	<10	450	<0.5	<2	2.42	<0.5	8	11	4	3.07
C384304		4.82	0.005	<0.2	0.78	97	<10	140	0.5	<2	1.85	<0.5	4	5	4	1.94
C384305		8.10	0.014	0.3	0.53	500	<10	110	0.5	<2	1.55	<0.5	3	5	7	1.60
C384306		6.22	0.001	<0.2	1.07	17	<10	270	<0.5	<2	0.84	<0.5	4	9	3	2.02
C384307		2.92	0.065	3.7	0.41	244	<10	100	0.6	<2	2.51	11.2	3	4	18	2.16



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Finalized Date: 10-AUG-2007

Account: RCM

CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
C384268		10	<1	0.57	20	0.97	612	<1	0.30	5	920	5	0.05	2	7	147
C384269		<10	<1	0.34	20	0.61	1175	1	0.10	3	650	119	0.27	3	5	86
C384270		<10	<1	0.14	20	0.34	842	<1	0.03	1	270	14	0.27	2	3	49
C384271		<10	<1	0.28	10	0.58	631	1	0.08	2	500	10	0.21	3	3	74
C384272		10	<1	0.47	20	0.80	735	2	0.20	2	740	6	0.15	2	5	111
C384273		<10	<1	0.28	20	0.66	1260	5	0.06	3	690	216	0.65	4	5	109
C384274		<10	<1	0.45	20	0.75	604	1	0.21	3	790	5	0.04	2	5	107
C384275		<10	<1	0.42	20	0.65	492	1	0.17	3	780	5	0.02	<2	4	82
C384276		<10	<1	0.46	20	0.77	574	1	0.23	4	920	5	0.03	2	5	110
C384277		<10	<1	0.51	20	0.68	515	1	0.22	3	830	5	0.01	2	4	87
C384278		10	<1	0.41	20	0.76	756	2	0.15	3	660	19	0.21	4	6	102
C384279		10	<1	0.40	20	0.98	682	1	0.26	6	1050	4	0.10	3	7	155
C384280		10	<1	0.46	20	0.71	538	4	0.20	10	830	31	0.02	<2	4	83
C384281		10	<1	0.46	20	1.00	724	1	0.29	7	1110	15	0.13	<2	7	161
C384282		10	<1	0.39	20	1.06	792	2	0.26	8	1090	15	0.14	<2	7	168
C384283		10	<1	0.42	20	0.99	616	2	0.29	8	1120	7	0.03	<2	7	158
C384284		<10	<1	0.29	30	0.38	479	1	0.08	2	270	13	0.04	<2	5	55
C384285		<10	<1	0.27	30	0.33	469	<1	0.08	1	240	12	0.07	<2	4	43
C384286		<10	<1	0.38	20	0.37	447	1	0.10	1	230	10	0.01	<2	4	34
C384287		<10	<1	0.02	10	11.95	175	<1	0.02	1	170	6	<0.01	3	<1	52
C384288		<10	<1	0.27	20	0.29	418	<1	0.05	2	190	16	0.08	<2	3	59
C384289		<10	1	0.25	20	0.34	501	<1	0.05	2	220	16	0.15	<2	3	74
C384290		<10	<1	0.35	20	0.29	802	<1	0.05	2	210	40	0.29	2	2	62
C384291		<10	1	0.43	10	0.59	8410	1	0.01	2	430	7240	6.08	102	3	40
C384292		<10	<1	0.54	20	0.39	2280	1	0.01	2	350	178	1.21	11	2	82
C384293		<10	1	0.29	10	1.32	6690	1	0.01	9	800	906	3.55	19	5	108
C384294		10	1	0.26	<10	0.20	1830	<1	0.01	8	480	>10000	>10.0	386	2	28
C384295		<10	<1	0.02	10	12.25	185	<1	0.02	3	160	114	<0.01	4	<1	55
C384296		<10	<1	0.35	10	0.56	4160	<1	0.01	7	950	6420	7.67	32	4	38
C384297		10	<1	0.48	20	1.22	829	<1	0.12	7	1030	38	0.38	3	7	132
C384298		<10	<1	0.34	20	0.91	1520	<1	0.03	6	820	70	0.97	3	6	95
C384299		<10	<1	0.32	20	0.95	2960	<1	0.01	6	740	142	2.39	5	4	95
C384300		10	<1	0.30	20	1.19	814	1	0.11	8	970	8	0.08	<2	6	144
C384301		10	<1	0.32	20	1.20	769	1	0.17	6	1080	10	0.08	<2	7	157
C384302		<10	<1	0.22	30	0.42	401	3	0.05	1	250	12	0.01	<2	3	50
C384303		10	<1	0.36	20	0.99	729	<1	0.12	5	760	8	0.03	<2	6	130
C384304		<10	<1	0.25	30	0.43	567	1	0.03	2	310	15	0.21	2	3	90
C384305		<10	<1	0.26	20	0.43	746	3	0.03	1	230	31	0.42	4	2	69
C384306		<10	1	0.45	30	0.50	526	1	0.11	2	290	36	0.07	<2	5	49
C384307		<10	<1	0.22	20	0.57	3050	<1	0.01	<1	250	747	1.51	12	2	102



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CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Pb	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		20	0.01	10	10	1	10	2	1	0.01	0.01
C384268		<20	0.16	<10	<10	79	<10	63			
C384269		20	0.05	<10	<10	42	<10	119			
C384270		30	0.01	<10	<10	17	<10	70			
C384271		20	0.03	<10	10	29	<10	99			
C384272		<20	0.13	<10	<10	61	<10	54			
C384273		<20	0.02	<10	<10	31	<10	476			
C384274		<20	0.13	<10	<10	58	<10	56			
C384275		<20	0.15	<10	<10	53	<10	41			
C384276		<20	0.17	<10	<10	60	<10	49			
C384277		<20	0.19	<10	<10	58	<10	42			
C384278		<20	0.08	<10	<10	49	<10	88			
C384279		<20	0.14	<10	<10	76	<10	49			
C384280		<20	0.18	<10	<10	59	<10	67			
C384281		<20	0.16	<10	<10	80	<10	54			
C384282		<20	0.14	<10	<10	83	<10	101			
C384283		<20	0.16	<10	<10	83	<10	48			
C384284		30	0.03	<10	10	26	<10	40			
C384285		30	0.03	<10	10	25	<10	40			
C384286		30	0.07	<10	10	29	<10	36			
C384287		<20	<0.01	<10	<10	1	<10	14			
C384288		20	0.01	<10	10	17	<10	92			
C384289		20	0.01	<10	10	15	<10	44			
C384290		20	<0.01	<10	10	14	<10	62			
C384291		<20	<0.01	<10	10	8	<10	8640	114		
C384292		20	<0.01	<10	10	10	<10	223			
C384293		<20	<0.01	<10	10	20	<10	1030			
C384294		<20	<0.01	<10	10	9	30	>10000	417	8.17	4.40
C384295		<20	<0.01	<10	<10	1	<10	89			
C384296		<20	<0.01	<10	<10	14	<10	9770			
C384297		<20	0.07	<10	<10	60	<10	78			
C384298		<20	0.01	<10	<10	30	<10	117			
C384299		<20	<0.01	<10	<10	16	<10	242			
C384300		<20	0.05	<10	10	61	<10	59			
C384301		<20	0.08	<10	<10	75	<10	58			
C384302		30	0.01	<10	10	22	<10	31			
C384303		<20	0.06	<10	<10	60	<10	54			
C384304		20	0.01	<10	10	21	<10	33			
C384305		20	<0.01	<10	10	11	<10	50			
C384306		20	0.08	<10	<10	36	<10	48			
C384307		20	<0.01	<10	10	9	<10	1010			



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CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
C384308		5.12	0.001	<0.2	0.92	9	<10	220	<0.5	<2	0.95	<0.5	4	8	3	1.95
C384309		5.64	0.023	5.6	0.64	416	<10	170	0.5	<2	1.86	14.3	4	7	16	2.35
C384310		5.60	0.006	<0.2	0.88	42	<10	220	<0.5	<2	1.16	<0.5	5	8	3	2.06
C384311		6.58	0.017	2.2	0.68	373	<10	140	0.5	<2	2.09	11.0	4	7	9	1.88
C384312		5.34	0.003	0.2	0.69	12	<10	720	<0.5	<2	1.55	2.9	5	7	3	1.77
C384313		4.00	0.076	35.3	0.59	919	<10	130	0.6	<2	1.89	58.5	4	6	39	2.56
C384314		4.68	0.002	<0.2	0.60	4	<10	90	<0.5	<2	0.57	<0.5	3	6	2	1.15
C384315		3.28	<0.001	<0.2	0.74	2	<10	160	<0.5	<2	0.74	<0.5	4	8	2	1.66
C384316		6.02	0.005	0.2	0.64	42	<10	420	0.6	<2	1.80	<0.5	3	6	3	1.63
C384317		4.98	0.009	<0.2	0.59	80	<10	90	0.6	<2	2.32	<0.5	4	5	2	1.73
C384318		4.46	0.018	0.3	0.54	1010	<10	170	0.7	<2	2.06	1.5	3	5	5	1.87
C384319		7.00	0.004	<0.2	0.58	80	<10	130	0.5	<2	1.65	<0.5	4	7	2	1.75
C384320		4.12	0.022	0.4	0.51	377	<10	290	0.7	<2	2.62	<0.5	3	6	5	1.66
C384321		4.72	0.018	0.7	0.45	145	<10	90	0.6	<2	2.17	<0.5	3	3	7	1.50
C384322		1.30	<0.001	<0.2	0.04	2	<10	10	<0.5	<2	20.0	<0.5	<1	1	3	0.41
C384323		4.06	0.002	<0.2	0.55	74	<10	120	0.7	<2	2.12	<0.5	2	4	2	1.60
C384324		4.96	0.032	2.2	0.74	203	<10	220	0.8	<2	2.52	10.8	4	5	11	2.35
C384325		6.22	0.017	1.9	2.56	149	<10	560	<0.5	<2	2.31	8.3	9	13	22	3.78
C384326		5.98	0.005	0.6	2.56	20	<10	690	<0.5	<2	2.02	<0.5	9	13	7	3.48
C384327		6.48	0.015	0.3	1.71	80	<10	290	0.6	<2	3.30	<0.5	9	9	6	3.46
C384328		6.86	0.021	0.6	1.35	125	<10	280	0.5	<2	2.89	1.5	9	7	10	3.06
C384329		5.32	0.053	1.6	0.59	190	<10	230	0.5	<2	1.43	<0.5	4	4	9	1.63
C384330		4.96	0.087	0.6	0.50	164	<10	140	0.5	<2	2.21	<0.5	2	3	2	1.51
C384331		7.98	0.009	<0.2	0.44	38	<10	520	0.6	<2	2.08	<0.5	3	5	5	1.47
C384332		5.70	0.025	0.4	0.46	52	<10	160	0.6	<2	1.87	<0.5	4	5	5	1.84
C384333		6.86	0.162	2.1	0.47	603	<10	90	0.6	<2	1.76	4.9	4	6	11	2.04
C384334		6.32	<0.001	<0.2	2.15	<2	<10	590	<0.5	<2	1.51	<0.5	8	15	11	2.89
C384335		7.22	<0.001	<0.2	2.00	5	<10	660	<0.5	<2	1.80	<0.5	8	15	9	2.99
C384336		6.40	<0.001	<0.2	2.29	2	<10	760	<0.5	<2	1.71	<0.5	8	16	9	3.22
C384337		5.02	<0.001	<0.2	2.25	<2	<10	740	<0.5	<2	1.66	<0.5	8	15	15	3.13
C384338		5.10	<0.001	<0.2	2.96	4	<10	760	0.5	<2	2.41	<0.5	11	20	19	4.29
C384339		7.64	0.024	1.2	1.29	109	<10	310	0.5	<2	2.70	3.5	9	9	16	3.26
C384340		1.88	<0.001	<0.2	0.06	<2	<10	20	<0.5	<2	20.3	<0.5	<1	2	2	0.43
C384341		7.16	<0.001	<0.2	2.04	<2	<10	650	<0.5	<2	1.43	<0.5	7	15	11	2.72
C384342		6.92	<0.001	<0.2	2.41	<2	<10	650	<0.5	<2	1.83	<0.5	8	16	25	3.08
C384343		4.16	<0.001	<0.2	0.87	<2	<10	240	<0.5	<2	0.86	<0.5	5	7	11	1.75
C384344		4.88	0.122	8.3	0.59	276	<10	90	0.5	<2	1.24	14.1	4	5	22	2.05
C384345		4.42	<0.001	<0.2	0.56	3	<10	110	<0.5	<2	0.76	<0.5	3	6	4	1.32
C384346		4.52	<0.001	<0.2	0.66	3	<10	130	<0.5	<2	0.59	<0.5	3	6	3	1.47
C384347		4.64	0.012	0.3	0.69	17	<10	160	<0.5	<2	0.89	<0.5	4	6	5	1.70



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Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
Sample Description															
C384308	<10	<1	0.37	30	0.45	546	<1	0.10	4	260	20	0.13	<2	4	52
C384309	<10	<1	0.31	20	0.48	945	1	0.04	1	240	1410	1.24	4	3	76
C384310	<10	<1	0.35	30	0.44	552	1	0.09	3	300	15	0.17	<2	4	59
C384311	<10	1	0.37	20	0.51	1260	1	0.03	2	240	413	0.79	3	2	76
C384312	<10	<1	0.31	20	0.42	625	1	0.05	3	250	36	0.20	<2	3	68
C384313	<10	1	0.27	10	0.43	1140	1	0.02	3	220	8110	1.97	30	2	85
C384314	<10	1	0.25	20	0.22	303	1	0.07	2	120	29	0.05	<2	2	35
C384315	<10	1	0.29	20	0.34	407	<1	0.07	2	220	9	0.03	<2	3	45
C384316	<10	1	0.27	20	0.37	662	1	0.02	2	230	44	0.56	<2	3	98
C384317	<10	1	0.21	20	0.51	617	<1	0.03	3	230	15	0.38	3	3	111
C384318	<10	1	0.30	20	0.50	831	<1	0.01	2	230	34	1.30	2	2	102
C384319	<10	<1	0.26	30	0.33	757	1	0.04	1	240	12	0.34	2	3	82
C384320	<10	<1	0.32	20	0.39	1770	<1	0.01	1	230	31	0.97	3	2	106
C384321	<10	<1	0.29	20	0.29	1120	1	0.01	2	230	83	1.17	3	1	117
C384322	<10	<1	0.02	10	12.25	190	<1	0.01	2	160	3	<0.01	2	<1	53
C384323	<10	<1	0.28	30	0.42	645	1	0.01	2	220	19	1.04	<2	2	140
C384324	<10	2	0.36	30	0.64	1230	1	0.03	1	400	462	1.92	4	3	166
C384325	10	<1	0.62	20	1.12	867	2	0.24	5	910	446	0.40	2	10	208
C384326	10	<1	0.65	20	1.15	772	1	0.26	7	860	223	0.16	<2	9	157
C384327	10	<1	0.40	20	1.24	2270	1	0.06	7	840	26	0.73	<2	7	152
C384328	<10	<1	0.36	20	1.14	3620	1	0.05	5	740	53	0.93	<2	6	150
C384329	<10	<1	0.33	20	0.41	3230	1	<0.01	2	220	23	1.60	3	2	110
C384330	<10	<1	0.31	20	0.49	7320	<1	<0.01	<1	190	26	1.57	3	1	92
C384331	<10	<1	0.29	20	0.52	1560	1	0.01	2	230	10	0.41	<2	2	82
C384332	<10	<1	0.29	20	0.32	1320	<1	0.01	3	270	38	1.05	<2	2	78
C384333	<10	<1	0.28	20	0.40	1670	1	0.01	2	250	386	1.49	3	2	71
C384334	10	<1	0.55	20	0.92	558	1	0.25	9	960	5	0.04	<2	6	130
C384335	10	<1	0.56	30	0.99	615	<1	0.21	7	920	6	0.04	<2	7	140
C384336	10	<1	0.63	30	1.04	644	<1	0.26	6	970	5	0.03	<2	9	148
C384337	10	<1	0.63	20	1.01	591	<1	0.26	6	930	3	0.04	<2	7	142
C384338	10	<1	0.66	40	1.41	834	<1	0.34	10	1380	7	0.07	<2	11	202
C384339	10	<1	0.36	20	1.07	1540	<1	0.09	7	940	140	1.05	4	6	118
C384340	<10	<1	0.04	10	12.60	189	<1	0.02	3	170	5	<0.01	2	<1	54
C384341	10	<1	0.56	20	0.87	498	<1	0.24	7	880	3	0.02	<2	6	120
C384342	10	<1	0.60	20	0.95	596	2	0.28	9	1120	5	0.09	<2	6	168
C384343	<10	<1	0.32	30	0.47	389	1	0.08	2	290	13	0.05	<2	4	50
C384344	<10	<1	0.25	30	0.39	1220	<1	0.02	2	270	495	1.22	14	3	52
C384345	<10	<1	0.20	30	0.26	345	2	0.05	2	200	10	0.06	<2	2	46
C384346	<10	1	0.27	30	0.33	357	1	0.05	2	220	10	0.05	<2	3	47
C384347	<10	<1	0.31	30	0.44	633	1	0.05	2	280	9	0.11	<2	4	56



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CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Pb	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		20	0.01	10	10	1	10	2	1	0.01	0.01
C384308		20	0.05	<10	<10	29	<10	41			
C384309		20	0.01	<10	10	15	<10	1070			
C384310		30	0.04	<10	<10	28	<10	41			
C384311		20	0.01	<10	10	13	<10	913			
C384312		20	0.02	<10	10	20	<10	282			
C384313		20	<0.01	<10	10	10	<10	4340			
C384314		20	0.02	<10	10	14	<10	27			
C384315		20	0.04	<10	10	26	<10	32			
C384316		30	0.01	<10	10	14	<10	41			
C384317		30	<0.01	<10	10	15	<10	28			
C384318		20	<0.01	<10	10	8	<10	170			
C384319		30	0.01	<10	10	17	<10	30			
C384320		20	<0.01	<10	10	6	<10	35			
C384321		20	<0.01	<10	10	4	<10	81			
C384322		<20	<0.01	<10	<10	1	<10	14			
C384323		30	<0.01	<10	10	8	<10	26			
C384324		30	<0.01	<10	10	9	<10	861			
C384325		<20	0.13	<10	<10	79	<10	793			
C384326		<20	0.15	<10	<10	78	<10	112			
C384327		<20	0.03	<10	<10	51	<10	62			
C384328		<20	0.02	<10	<10	44	<10	264			
C384329		30	<0.01	<10	10	4	<10	21			
C384330		20	<0.01	<10	10	3	<10	44			
C384331		30	<0.01	<10	10	6	<10	22			
C384332		20	<0.01	<10	10	7	<10	43			
C384333		20	<0.01	<10	10	7	<10	464			
C384334		20	0.17	<10	<10	71	<10	47			
C384335		20	0.16	<10	<10	70	<10	48			
C384336		20	0.17	<10	<10	77	<10	53			
C384337		20	0.17	<10	<10	75	<10	49			
C384338		20	0.17	<10	<10	96	<10	70			
C384339		<20	0.04	<10	10	43	<10	343			
C384340		<20	<0.01	<10	<10	2	<10	14			
C384341		20	0.17	<10	<10	68	<10	44			
C384342		<20	0.18	<10	<10	77	<10	46			
C384343		30	0.06	<10	<10	29	<10	60			
C384344		30	0.01	<10	10	13	<10	1200			
C384345		30	0.02	<10	10	15	<10	27			
C384346		30	0.04	<10	10	19	<10	28			
C384347		30	0.04	<10	10	23	<10	33			



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
C384348		3.58	0.091	1.9	2.98	121	<10	370	0.5	<2	3.83	<0.5	15	66	25	3.27
C384349		6.94	0.019	1.4	0.45	54	<10	110	0.5	<2	2.05	0.6	4	5	7	1.81
C384350		6.48	<0.001	<0.2	0.56	9	<10	110	0.5	<2	1.29	<0.5	4	6	6	1.66
C384351		6.40	<0.001	<0.2	0.61	<2	<10	140	<0.5	<2	0.67	<0.5	3	8	3	1.47
C384352		5.08	0.061	0.8	0.48	156	<10	80	0.5	<2	1.54	5.8	3	4	9	1.68
C384353		6.32	<0.001	<0.2	1.82	5	<10	520	<0.5	<2	1.59	<0.5	8	10	8	3.14
C384354		5.80	0.110	0.9	0.84	194	10	90	0.9	<2	3.45	0.5	8	4	9	2.72
C384355		6.06	<0.001	<0.2	1.45	4	<10	310	0.9	<2	2.42	<0.5	8	7	7	3.28
C384356		2.72	<0.001	<0.2	0.03	2	<10	10	<0.5	<2	18.7	<0.5	1	<1	3	0.41



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CERTIFICATE OF ANALYSIS VA07077530

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C384348		10	2	0.57	20	1.69	2430	2	0.29	37	1790	6	0.70	8	13
C384349		<10	<1	0.26	30	0.56	1170	1	0.01	4	260	84	0.88	5	2
C384350		<10	1	0.23	30	0.32	503	1	0.03	3	280	13	0.23	2	2
C384351		<10	<1	0.27	30	0.31	355	<1	0.05	2	220	6	0.06	<2	3
C384352		<10	<1	0.21	20	0.38	1110	1	0.02	1	210	107	0.85	4	2
C384353		10	<1	0.53	20	0.83	659	1	0.17	3	860	5	0.08	3	7
C384354		<10	<1	0.23	10	1.12	1505	1	0.01	4	740	44	0.89	8	6
C384355		<10	<1	0.34	20	1.17	828	<1	0.01	5	800	6	0.26	4	9
C384356		<10	<1	0.02	<10	11.55	177	<1	0.01	<1	150	2	<0.01	<2	<1



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Pb	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		20	0.01	10	10	1	10	2	1	0.01	0.01
C384348		<20	0.16	<10	<10	86	<10	40			
C384349		30	<0.01	<10	10	7	<10	110			
C384350		30	0.01	<10	10	14	<10	29			
C384351		30	0.04	<10	10	21	<10	26			
C384352		20	<0.01	<10	<10	8	<10	430			
C384353		<20	0.13	<10	10	56	<10	50			
C384354		<20	<0.01	<10	10	29	<10	78			
C384355		<20	0.05	<10	<10	49	<10	46			
C384356		<20	<0.01	<10	<10	2	<10	16			

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CERTIFICATE VA07077389

Project: IDAHO CREEK ID-07-04

P.O. No.:

This report is for 61 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

AL ARCHER
BILL WENGZYNOWSKI

DOUG EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: ATAC RESOURCES LTD.
ATTN: AL ARCHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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CERTIFICATE OF ANALYSIS VA07077389

Sample Description	Method	WEI-21	Au-ICP21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte Units LOR	Recvd Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.001	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
C384357		7.02	0.002		0.3	1.51	18	<10	440	<0.5	<2	0.68	<0.5	7	22	7
C384358		6.04	0.049		1.9	0.98	181	<10	370	0.5	<2	0.26	2.0	6	8	9
C384359		2.70	0.030		0.4	0.57	46	<10	190	<0.5	<2	0.15	0.9	4	6	15
C384360		5.08	0.002		<0.2	1.79	8	<10	610	<0.5	<2	0.90	0.5	8	29	5
C384361		2.28	0.004		0.3	2.24	17	<10	540	<0.5	<2	0.97	0.5	8	17	14
C384362		4.90	0.020		0.9	2.91	125	<10	580	1.0	<2	0.50	2.0	18	109	24
C384363		7.06	0.015		1.7	2.13	60	<10	590	0.5	<2	0.57	<0.5	10	36	12
C384364		6.62	0.027		2.4	0.50	330	<10	150	0.5	<2	0.10	2.7	4	3	25
C384365		4.08	0.004		0.8	0.27	53	<10	150	<0.5	<2	0.04	1.6	2	4	9
C384366		3.82	0.003		0.3	0.31	33	<10	40	<0.5	<2	0.13	0.9	1	5	8
C384367		4.22	0.009		0.2	0.32	27	<10	60	0.6	<2	0.40	0.5	3	4	17
C384368		4.70	0.599		43.5	1.08	2350	<10	220	<0.5	<2	1.04	19.9	7	9	96
C384369		4.82	0.089		2.3	1.58	436	<10	560	<0.5	<2	1.02	5.1	8	10	13
C384370		1.04	0.002		<0.2	0.04	6	<10	10	<0.5	<2	19.8	<0.5	1	1	4
C384371		5.12	0.004		0.3	1.61	66	<10	540	<0.5	<2	1.20	0.8	8	10	26
C384372		5.50	0.007		0.2	1.70	148	<10	640	<0.5	<2	1.13	<0.5	7	12	44
C384373		7.08	0.001		0.7	1.31	65	<10	570	<0.5	<2	1.60	0.5	7	8	64
C384374		3.28	0.004		0.4	1.75	33	<10	670	<0.5	<2	1.19	0.9	6	11	27
C384375		5.68	0.001		<0.2	1.14	12	<10	370	<0.5	<2	1.11	<0.5	8	10	9
C384376		5.32	0.001		0.6	0.39	18	<10	120	<0.5	<2	0.81	<0.5	4	7	26
C384377		2.52	0.109		1.4	0.30	1770	<10	120	0.5	<2	1.18	1.6	3	4	17
C384378		7.58	0.004		4.5	0.41	94	<10	150	<0.5	5	0.69	0.9	3	8	15
C384379		5.32	0.029		0.2	0.49	10	<10	190	<0.5	<2	0.52	<0.5	3	8	29
C384380		5.60	0.046		3.0	0.30	418	<10	170	0.5	<2	1.16	1.8	4	5	22
C384381		5.88	0.005		<0.2	0.48	61	<10	160	<0.5	<2	0.91	<0.5	3	6	8
C384382		3.66	0.002		0.5	0.41	39	<10	80	0.5	<2	0.91	<0.5	3	4	12
C384383		4.84	0.002		0.5	0.37	46	<10	150	0.5	<2	0.75	<0.5	2	5	13
C384384		5.76	0.003		0.4	0.35	20	<10	60	0.7	<2	1.39	<0.5	4	5	25
C384385		7.60	0.001		<0.2	0.48	7	<10	110	0.5	<2	1.08	<0.5	3	4	27
C384386		1.52	<0.001		<0.2	0.03	<2	<10	10	<0.5	<2	19.5	<0.5	<1	1	<1
C384387		5.40	0.005		1.0	0.32	88	<10	150	0.5	<2	1.48	<0.5	3	5	27
C384388		5.72	0.023		7.8	0.78	90	<10	400	1.3	<2	3.97	5.2	23	103	53
C384389		6.02	<0.001		<0.2	0.86	9	<10	340	<0.5	<2	2.02	<0.5	8	9	8
C384390		4.64	0.001		0.2	0.89	19	<10	570	1.2	<2	6.07	<0.5	22	148	44
C384391		4.32	0.039		3.3	0.52	118	<10	130	0.5	<2	3.10	2.7	7	5	8
C384392		5.32	0.062		4.2	0.43	128	<10	110	0.6	<2	2.98	8.5	6	6	16
C384393		5.18	0.175		17.3	0.30	596	<10	70	<0.5	<2	1.74	66.0	4	4	80
C384394		5.60	0.165		13.8	0.34	273	<10	80	0.5	<2	1.47	45.5	4	5	59
C384395		6.38	0.102		2.3	0.34	150	<10	100	0.5	<2	1.99	0.6	3	5	19
C384396		5.14	0.148		8.1	0.54	236	<10	50	0.7	<2	2.03	15.2	8	4	19



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CERTIFICATE OF ANALYSIS VA07077389

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte Units LOR	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C384357		2.41	10	1	0.42	20	0.52	855	2	0.15	12	650	22	0.03	2	5
C384358		2.31	<10	<1	0.26	20	0.23	1955	3	0.05	5	450	84	0.01	12	4
C384359		1.70	<10	<1	0.23	30	0.16	689	2	0.04	3	290	21	<0.01	3	4
C384360		2.72	10	1	0.53	20	0.82	567	1	0.19	14	850	6	0.01	<2	5
C384361		3.13	10	<1	0.65	10	0.82	612	2	0.22	8	920	6	0.01	<2	6
C384362		4.47	10	<1	0.43	20	0.71	962	3	0.06	35	1130	23	0.01	7	14
C384363		2.98	10	<1	0.52	20	0.77	529	1	0.10	22	930	58	0.01	4	7
C384364		1.78	<10	1	0.15	20	0.09	847	2	0.01	2	250	264	0.02	11	3
C384365		0.51	<10	<1	0.13	10	0.02	1030	2	<0.01	1	30	34	0.01	6	<1
C384366		0.48	<10	<1	0.13	10	0.02	202	1	<0.01	1	40	17	0.03	7	<1
C384367		1.05	<10	1	0.12	20	0.11	428	1	<0.01	1	160	13	0.20	9	1
C384368		3.50	<10	<1	0.42	10	0.55	1245	2	0.08	5	710	5580	1.40	46	5
C384369		2.91	10	1	0.55	20	0.69	1405	2	0.16	4	720	194	0.18	5	5
C384370		0.49	<10	1	0.02	<10	11.75	189	<1	0.01	1	240	15	<0.01	2	<1
C384371		2.80	10	1	0.53	20	0.75	875	2	0.16	3	710	15	0.13	3	5
C384372		2.79	10	1	0.57	20	0.80	614	3	0.18	5	710	9	0.12	<2	5
C384373		3.05	<10	<1	0.38	20	0.79	967	9	0.10	4	720	17	0.22	8	7
C384374		2.83	10	1	0.58	20	0.80	587	3	0.19	3	750	57	0.07	<2	5
C384375		2.82	<10	<1	0.39	20	0.65	778	2	0.07	4	710	8	0.08	3	7
C384376		1.57	<10	<1	0.21	20	0.38	919	5	0.03	1	210	39	0.20	6	3
C384377		1.50	<10	<1	0.18	20	0.36	1390	1	0.01	1	210	113	0.82	15	2
C384378		1.60	<10	1	0.23	20	0.31	835	1	0.04	1	210	119	0.20	8	4
C384379		1.57	<10	<1	0.28	30	0.35	502	<1	0.05	1	220	8	0.07	<2	4
C384380		1.62	<10	<1	0.19	20	0.38	1010	1	0.02	2	230	273	0.55	6	3
C384381		1.62	<10	1	0.25	30	0.34	792	<1	0.03	1	230	16	0.21	2	3
C384382		1.48	<10	<1	0.18	20	0.35	801	<1	<0.01	1	210	27	0.15	4	3
C384383		0.89	<10	<1	0.19	10	0.19	604	<1	0.01	<1	100	29	0.13	4	1
C384384		1.46	<10	1	0.18	20	0.43	991	1	<0.01	1	220	25	0.32	8	2
C384385		1.58	<10	<1	0.19	30	0.40	582	1	<0.01	1	230	13	0.10	4	4
C384386		0.41	<10	<1	0.01	<10	11.60	184	<1	<0.01	1	180	<2	<0.01	<2	<1
C384387		1.65	<10	<1	0.20	20	0.45	1020	3	0.01	2	250	46	0.39	4	2
C384388		4.35	<10	1	0.18	10	2.39	1470	1	0.06	52	990	174	0.40	17	15
C384389		2.65	<10	<1	0.27	20	0.97	1020	1	0.04	6	610	10	0.14	4	6
C384390		4.75	<10	1	0.20	10	2.63	1445	1	0.05	47	1280	5	0.25	4	22
C384391		2.87	<10	<1	0.26	20	1.16	2080	<1	0.01	5	660	303	0.77	18	6
C384392		3.07	<10	<1	0.27	10	0.98	3280	<1	<0.01	5	700	507	1.82	7	4
C384393		3.28	<10	1	0.20	10	0.57	1960	3	<0.01	2	220	1990	3.36	49	1
C384394		2.56	<10	<1	0.25	10	0.54	3120	2	0.01	3	230	1450	2.60	22	1
C384395		1.62	<10	<1	0.22	10	0.74	3010	4	0.01	2	200	39	1.17	13	1
C384396		3.41	<10	<1	0.19	10	0.71	2760	<1	0.01	3	670	792	2.07	25	6



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CERTIFICATE OF ANALYSIS VA07077389

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
		1	20	0.01	10	10	1	10	2	0.01
C384357		65	20	0.13	<10	<10	52	<10	58	
C384358		33	20	0.05	<10	<10	33	<10	185	
C384359		13	30	0.03	<10	<10	24	<10	140	
C384360		73	<20	0.16	<10	<10	69	<10	92	
C384361		96	<20	0.17	<10	<10	78	<10	143	
C384362		49	<20	0.11	<10	10	100	<10	495	
C384363		47	<20	0.14	<10	<10	74	<10	164	
C384364		12	20	0.01	<10	<10	15	<10	361	
C384365		7	20	<0.01	<10	<10	2	<10	148	
C384366		8	20	<0.01	<10	10	1	<10	74	
C384367		12	20	<0.01	<10	<10	5	<10	129	
C384368		49	<20	0.06	<10	<10	41	<10	1695	
C384369		71	<20	0.13	<10	<10	60	<10	648	
C384370		55	<20	<0.01	<10	10	1	<10	19	
C384371		77	<20	0.13	<10	<10	60	<10	126	
C384372		73	<20	0.16	<10	<10	64	<10	66	
C384373		71	<20	0.08	<10	<10	53	<10	136	
C384374		79	<20	0.17	<10	<10	67	<10	157	
C384375		57	<20	0.11	<10	<10	61	<10	62	
C384376		24	30	0.02	<10	10	17	<10	51	
C384377		30	20	<0.01	<10	<10	9	<10	191	
C384378		28	20	0.03	<10	<10	17	<10	132	
C384379		26	20	0.05	<10	10	21	<10	39	
C384380		35	20	<0.01	<10	<10	11	<10	199	
C384381		38	30	0.03	<10	10	19	<10	53	
C384382		32	20	0.01	<10	<10	13	<10	47	
C384383		27	20	<0.01	<10	10	6	<10	37	
C384384		40	20	<0.01	<10	<10	9	<10	54	
C384385		37	30	0.02	<10	<10	18	<10	37	
C384386		49	<20	<0.01	<10	20	1	<10	14	
C384387		49	20	<0.01	<10	<10	9	<10	52	
C384388		192	<20	0.01	<10	<10	83	<10	587	
C384389		90	20	0.03	<10	<10	39	<10	56	
C384390		278	<20	0.02	<10	<10	122	<10	68	
C384391		109	<20	<0.01	<10	<10	25	<10	280	
C384392		81	<20	<0.01	<10	<10	14	<10	721	
C384393		49	20	<0.01	<10	<10	4	<10	5200	
C384394		53	20	<0.01	<10	10	4	<10	3090	
C384395		80	20	<0.01	<10	10	3	<10	68	
C384396		90	<20	<0.01	<10	<10	29	<10	1100	



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Au Check ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
		0.02	0.001	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
C384397		4.18	0.023		<0.2	1.55	13	<10	500	<0.5	<2	2.01	<0.5	8	21	9
C384398		4.80	0.048		0.6	0.67	63	<10	220	0.7	<2	2.88	<0.5	8	6	6
C384399		4.44	0.223		7.6	0.74	399	<10	60	0.7	3	2.67	15.3	15	37	35
C384400		2.98	<0.001		0.5	2.39	5	<10	260	<0.5	<2	2.46	<0.5	11	117	41
C384401		3.66	0.001		0.7	1.96	3	<10	480	<0.5	<2	2.12	<0.5	10	57	38
C384402		6.38	0.325		4.8	1.70	645	<10	140	<0.5	<2	2.60	13.2	14	84	41
C384403		7.66	0.260		5.0	1.36	279	<10	80	<0.5	2	2.24	14.6	13	43	37
C384404		6.18	0.339	0.368	24.6	0.63	507	<10	20	0.6	<2	1.78	87.6	10	6	77
C384405		6.22	0.353	0.323	48.0	0.35	779	<10	30	<0.5	2	0.63	155.5	7	3	92
C384406		2.58	0.002		0.2	0.04	10	<10	10	<0.5	<2	19.8	0.6	<1	1	1
C384407		6.08	0.265		30.2	0.27	655	<10	20	<0.5	<2	0.34	88.7	3	3	58
C384408		5.02	0.153		2.8	0.33	497	<10	100	0.6	<2	1.75	8.8	4	3	9
C384409		7.06	0.015		0.8	0.31	34	<10	230	0.6	<2	2.04	1.1	4	5	7
C384410		3.76	0.052		9.7	0.38	115	<10	120	0.5	2	1.60	26.0	4	4	28
C384411		4.28	0.228		7.0	0.28	133	<10	90	<0.5	<2	1.89	29.1	4	4	24
C384412		6.36	0.318		16.0	0.33	794	<10	20	0.5	2	1.20	56.8	5	1	44
C384413		3.38	0.004		<0.2	0.03	3	<10	10	<0.5	<2	18.7	<0.5	1	1	1
C384414		3.84	0.294		12.6	0.35	840	<10	60	0.5	<2	0.93	50.1	5	1	44
C384415		4.10	0.341		18.8	0.43	839	<10	50	0.6	2	1.96	72.5	9	2	61
C384416		3.16	0.064		1.7	0.44	106	<10	60	0.7	<2	3.17	5.2	9	3	9
C384417		2.78	0.106		3.0	0.38	167	<10	90	0.5	<2	2.74	7.2	7	2	7



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CERTIFICATE OF ANALYSIS VA07077389

Sample Description	Method Analyte Units LOR	ME-ICP41 Fe %	ME-ICP41 Ga ppm	ME-ICP41 Hg ppm	ME-ICP41 K %	ME-ICP41 La ppm	ME-ICP41 Mg %	ME-ICP41 Mn ppm	ME-ICP41 Mo ppm	ME-ICP41 Na %	ME-ICP41 Ni ppm	ME-ICP41 P ppm	ME-ICP41 Pb ppm	ME-ICP41 S %	ME-ICP41 Sb ppm	ME-ICP41 Sc ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C384397		3.08	<10	<1	0.50	20	1.02	834	1	0.15	8	740	8	0.13	6	7
C384398		3.00	<10	<1	0.29	20	0.99	2030	1	0.04	4	670	20	1.38	10	7
C384399		4.24	<10	<1	0.25	10	0.85	4820	1	0.04	37	820	986	3.48	66	8
C384400		2.64	10	<1	0.17	10	1.47	529	1	0.23	41	910	11	0.08	6	7
C384401		3.02	10	<1	0.34	10	1.26	645	1	0.16	20	790	8	0.07	5	8
C384402		3.45	<10	<1	0.18	10	1.20	2670	2	0.14	42	860	656	1.69	18	7
C384403		3.93	<10	<1	0.33	10	1.05	3440	1	0.10	29	820	610	2.13	15	8
C384404		5.96	<10	<1	0.30	10	0.76	1795	1	0.02	10	810	2930	5.10	27	7
C384405		5.99	<10	<1	0.23	10	0.20	1150	2	0.01	4	490	5820	6.80	57	1
C384406		0.46	<10	<1	0.02	<10	12.15	200	<1	0.02	1	170	30	<0.01	2	<1
C384407		4.11	<10	1	0.20	10	0.12	664	<1	0.01	1	150	3590	4.43	35	1
C384408		1.94	<10	<1	0.19	20	0.53	1185	<1	0.01	1	210	607	1.45	7	2
C384409		1.73	<10	<1	0.18	20	0.37	861	<1	0.02	1	230	72	0.48	5	3
C384410		2.64	<10	<1	0.22	20	0.32	897	<1	0.02	1	230	1510	2.06	11	2
C384411		2.44	<10	<1	0.20	10	0.49	2920	<1	0.01	1	230	681	2.30	12	1
C384412		4.09	<10	<1	0.18	10	0.26	2080	1	0.01	3	260	1595	4.37	31	2
C384413		0.42	<10	<1	0.02	<10	11.55	185	<1	0.01	<1	170	6	<0.01	2	<1
C384414		4.14	<10	<1	0.21	10	0.25	1755	<1	0.01	4	290	1340	4.39	30	2
C384415		4.86	<10	1	0.26	10	0.58	5320	1	0.01	4	650	2250	5.12	33	5
C384416		3.31	<10	<1	0.24	10	1.05	4390	1	0.02	3	730	163	2.08	12	6
C384417		2.89	<10	<1	0.27	10	0.83	5830	1	0.01	2	670	279	2.14	9	4



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CERTIFICATE OF ANALYSIS VA07077389

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Zn-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Zn
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
		1	20	0.01	10	10	1	10	2	0.01
C384397		124	<20	0.11	<10	<10	53	<10	54	
C384398		134	<20	0.02	<10	<10	31	<10	66	
C384399		130	<20	<0.01	<10	<10	27	<10	1290	
C384400		194	<20	0.10	<10	<10	53	<10	58	
C384401		151	<20	0.11	<10	<10	63	<10	59	
C384402		165	<20	0.03	<10	<10	41	<10	1005	
C384403		118	<20	0.05	<10	<10	46	<10	1225	
C384404		88	<20	0.02	<10	10	36	<10	6320	
C384405		53	<20	<0.01	<10	10	5	<10	>10000	0.97
C384406		51	<20	<0.01	<10	<10	2	<10	67	
C384407		33	20	<0.01	<10	10	2	<10	5970	
C384408		85	20	<0.01	<10	10	6	<10	689	
C384409		110	30	<0.01	<10	10	10	<10	109	
C384410		108	20	<0.01	<10	<10	9	<10	1900	
C384411		74	20	<0.01	<10	10	4	<10	1905	
C384412		86	<20	<0.01	<10	10	4	<10	3370	
C384413		53	<20	<0.01	<10	<10	1	<10	21	
C384414		72	<20	<0.01	<10	10	4	<10	2690	
C384415		94	<20	<0.01	<10	<10	11	<10	3770	
C384416		123	<20	<0.01	<10	<10	23	<10	358	
C384417		85	<20	<0.01	<10	<10	11	<10	463	

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CERTIFICATE VA07077388

Project: IDAHO CREEK ID-07-01

P.O. No.:

This report is for 94 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 17-JUL-2007.

The following have access to data associated with this certificate:

AL ARCHER
BILL WENGZYNOWSKI

DOUG EATON

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES

To: **ATAC RESOURCES LTD.**
ATTN: AL ARCHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
C384101		3.78	0.003	0.4	1.64	24	<10	440	<0.5	<2	0.82	0.5	6	16	41	2.47
C384102		2.40	0.006	0.7	1.40	52	<10	290	<0.5	<2	0.65	1.6	7	14	14	2.53
C384103		2.80	0.009	1.9	0.44	51	<10	140	<0.5	<2	0.07	3.3	2	5	19	1.08
C384104		2.10	0.032	2.5	0.58	193	<10	190	0.5	<2	0.09	8.9	4	4	13	1.73
C384105		2.02	0.020	1.2	0.50	68	<10	330	0.6	<2	0.08	7.1	4	4	9	1.49
C384106		2.70	0.030	1.7	0.48	258	<10	300	0.6	<2	0.09	10.5	4	4	13	2.25
C384107		1.96	0.010	1.6	0.50	130	<10	420	0.8	<2	0.08	7.2	4	4	16	1.81
C384108		2.50	0.030	1.6	0.51	244	<10	220	0.8	<2	0.10	5.9	3	5	19	1.86
C384109		3.84	0.047	1.4	1.04	124	<10	340	0.6	<2	0.55	10.3	9	7	12	3.57
C384110		3.46	0.001	<0.2	2.11	5	<10	550	<0.5	<2	1.10	3.0	9	12	12	3.37
C384111		2.80	0.012	0.4	0.85	54	<10	500	0.9	<2	0.40	13.2	9	7	18	3.41
C384112		3.30	0.028	4.6	0.93	695	<10	180	0.6	<2	1.47	14.4	10	6	27	3.87
C384113		7.06	0.001	0.3	1.85	19	<10	470	<0.5	<2	1.31	3.5	8	12	18	3.38
C384114		6.18	0.002	<0.2	2.03	7	<10	680	<0.5	<2	1.27	2.0	7	11	27	3.11
C384115		5.32	0.131	3.6	0.89	274	<10	60	0.6	<2	1.33	23.7	10	6	54	4.22
C384116		5.32	0.004	0.6	0.79	53	<10	210	0.8	<2	1.41	12.2	9	5	31	3.27
C384117		4.36	0.007	0.4	0.73	67	<10	270	0.8	<2	0.81	13.2	9	6	18	3.19
C384118		4.70	0.002	0.2	0.85	27	10	180	1.0	<2	2.36	5.9	10	7	15	3.39
C384119		1.44	0.001	<0.2	0.04	<2	<10	20	<0.5	<2	20.9	<0.5	1	1	6	0.47
C384120		5.28	0.001	0.3	1.11	6	<10	330	0.5	<2	1.85	2.4	8	7	8	3.17
C384121		5.26	0.103	1.1	0.67	52	<10	210	0.5	<2	2.53	5.8	9	4	7	3.51
C384122		3.02	0.001	0.4	1.04	30	<10	310	<0.5	<2	2.84	0.8	9	7	7	3.30
C384123		6.02	0.003	0.4	0.80	29	<10	240	0.6	<2	2.61	1.2	9	6	7	3.25
C384124		5.64	0.002	0.5	1.08	17	<10	320	0.5	<2	1.86	<0.5	8	7	6	3.08
C384125		4.48	<0.001	0.2	0.63	9	<10	160	<0.5	<2	1.14	<0.5	4	6	8	2.02
C384126		6.74	0.002	0.3	0.51	15	<10	170	0.5	<2	1.50	<0.5	4	6	7	2.02
C384127		4.88	0.008	1.6	0.48	19	<10	110	0.6	<2	1.91	7.9	5	5	9	1.88
C384128		5.80	0.074	17.0	0.26	318	<10	70	<0.5	<2	0.30	51.1	5	3	18	3.36
C384129		3.30	0.005	2.1	0.37	27	<10	100	0.5	<2	1.27	1.8	4	4	21	1.89
C384130		5.66	0.012	2.0	1.38	270	<10	280	0.5	<2	3.34	4.3	9	9	7	3.42
C384131		5.20	0.002	0.8	0.69	34	<10	270	0.5	<2	3.31	0.7	8	5	6	3.21
C384132		5.14	<0.001	0.2	1.66	2	<10	530	<0.5	<2	1.74	<0.5	8	11	5	3.16
C384133		6.38	0.018	0.6	0.79	61	<10	200	0.8	<2	2.90	<0.5	9	6	5	2.95
C384134		5.34	0.016	1.2	0.53	68	<10	80	0.8	<2	2.07	0.9	8	3	11	3.35
C384135		5.46	<0.001	0.4	0.71	7	<10	230	0.5	<2	2.02	<0.5	8	6	2	3.00
C384136		3.26	0.005	0.9	0.62	60	<10	190	0.6	<2	2.42	0.7	9	4	2	3.16
C384137		6.50	0.056	1.2	1.33	286	<10	390	<0.5	<2	1.55	1.3	7	10	4	2.97
C384138		6.56	0.002	0.2	1.27	4	<10	410	<0.5	2	1.49	<0.5	7	11	1	2.93
C384139		6.46	0.045	7.2	0.89	118	<10	300	0.5	<2	1.85	10.8	8	8	11	3.20
C384140		5.16	0.011	0.8	1.35	34	<10	470	<0.5	<2	1.43	5.0	7	10	10	3.04



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CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
C384101		10	<1	0.40	20	0.56	752	1	0.17	9	640	21	0.01	4	4
C384102		<10	<1	0.30	20	0.50	510	1	0.13	7	750	45	0.01	3	4
C384103		<10	<1	0.25	20	0.04	673	2	0.01	1	140	102	<0.01	10	1
C384104		<10	<1	0.27	30	0.05	1020	3	0.02	2	240	260	0.02	16	2
C384105		<10	<1	0.18	30	0.03	1640	4	0.02	2	220	52	<0.01	8	2
C384106		<10	1	0.23	30	0.02	1770	6	<0.01	2	250	139	0.01	21	1
C384107		<10	1	0.25	30	0.02	1965	5	0.01	2	220	61	<0.01	30	1
C384108		<10	1	0.23	30	0.03	765	4	0.01	2	290	152	0.02	61	2
C384109		<10	<1	0.35	20	0.28	2330	3	0.03	4	810	240	0.78	10	7
C384110		10	<1	0.44	20	0.83	877	1	0.21	4	790	7	0.03	6	7
C384111		<10	<1	0.27	20	0.21	973	3	0.03	3	760	56	0.19	44	9
C384112		<10	<1	0.35	20	0.41	1475	2	0.05	3	860	574	1.39	14	6
C384113		10	<1	0.39	20	0.81	958	3	0.18	4	790	32	0.30	3	7
C384114		10	<1	0.60	20	0.82	625	2	0.24	3	760	14	0.22	4	6
C384115		<10	<1	0.37	20	0.42	1855	7	0.04	3	830	633	2.54	11	6
C384116		<10	<1	0.34	20	0.44	1100	11	0.02	4	790	107	1.32	9	6
C384117		<10	1	0.27	20	0.31	801	3	0.03	4	730	57	1.09	11	6
C384118		<10	1	0.22	20	0.71	1055	2	0.01	5	790	38	1.42	9	10
C384119		<10	<1	0.03	<10	12.85	207	<1	0.01	<1	220	2	<0.01	<2	<1
C384120		<10	1	0.36	20	0.66	948	1	0.09	4	770	41	0.20	4	5
C384121		<10	<1	0.32	20	0.69	1675	1	0.03	3	760	168	1.62	5	4
C384122		<10	1	0.27	20	0.94	1740	2	0.06	3	780	34	0.63	4	5
C384123		<10	1	0.28	20	0.72	1355	2	0.05	3	770	28	0.58	6	5
C384124		<10	<1	0.35	20	0.59	1080	1	0.09	3	710	19	0.29	4	5
C384125		<10	<1	0.25	30	0.40	718	<1	0.04	1	320	13	0.18	4	3
C384126		<10	<1	0.22	30	0.39	799	<1	0.02	1	300	16	0.29	5	3
C384127		<10	<1	0.24	20	0.42	894	<1	0.02	1	280	146	0.60	9	3
C384128		<10	<1	0.20	20	0.08	182	<1	0.01	1	300	2180	3.67	20	1
C384129		<10	<1	0.26	30	0.19	918	1	0.01	1	310	140	0.76	11	1
C384130		<10	<1	0.31	20	0.97	1240	1	0.07	3	750	219	0.64	7	5
C384131		<10	<1	0.28	20	0.88	1565	1	0.04	3	760	58	0.80	4	4
C384132		10	1	0.43	20	0.85	775	1	0.19	3	740	6	0.15	2	8
C384133		<10	1	0.29	20	0.82	1470	1	0.03	4	830	26	1.44	7	6
C384134		<10	1	0.31	10	0.64	1635	3	0.01	5	780	55	2.46	9	2
C384135		<10	<1	0.27	20	0.45	1100	3	0.06	4	860	14	0.51	6	4
C384136		<10	1	0.30	20	0.49	2620	3	0.03	4	860	45	1.01	7	4
C384137		<10	1	0.35	20	0.73	969	3	0.13	3	850	124	0.21	5	5
C384138		<10	1	0.37	20	0.72	890	2	0.12	4	850	9	0.12	3	5
C384139		<10	1	0.30	20	0.72	1060	1	0.07	3	860	704	0.86	21	5
C384140		<10	1	0.43	20	0.70	789	1	0.15	4	880	49	0.34	6	4



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CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		20	0.01	10	10	1	10	2	1	0.01
C384101		20	0.13	<10	<10	54	<10	59		
C384102		<20	0.10	<10	<10	47	<10	240		
C384103		30	<0.01	<10	<10	5	<10	232		
C384104		30	<0.01	<10	<10	10	<10	513		
C384105		30	<0.01	<10	<10	8	<10	495		
C384106		30	<0.01	<10	10	5	<10	699		
C384107		30	<0.01	<10	<10	4	<10	669		
C384108		30	<0.01	<10	<10	6	<10	674		
C384109		<20	0.02	<10	<10	40	<10	712		
C384110		<20	0.11	<10	<10	68	<10	418		
C384111		<20	0.02	<10	<10	48	<10	953		
C384112		<20	0.02	<10	10	38	<10	933		
C384113		<20	0.08	<10	<10	63	<10	281		
C384114		<20	0.16	<10	<10	65	<10	174		
C384115		<20	0.01	<10	<10	34	<10	1235		
C384116		<20	<0.01	<10	<10	29	<10	456		
C384117		<20	0.01	<10	<10	33	<10	515		
C384118		<20	<0.01	<10	10	47	<10	385		
C384119		<20	<0.01	<10	<10	2	<10	17		
C384120		<20	0.04	<10	<10	41	<10	177		
C384121		<20	0.01	<10	<10	25	<10	365		
C384122		<20	0.03	<10	10	45	<10	113		
C384123		<20	0.01	<10	<10	35	<10	133		
C384124		<20	0.03	<10	<10	39	<10	89		
C384125		20	0.01	<10	<10	20	<10	58		
C384126		20	<0.01	<10	<10	14	<10	55		
C384127		30	<0.01	<10	10	11	<10	462		
C384128		20	<0.01	<10	10	2	<10	3320		
C384129		20	<0.01	<10	<10	6	<10	178		
C384130		<20	0.02	<10	<10	42	<10	509		
C384131		<20	0.02	<10	<10	28	<10	168		
C384132		20	0.10	<10	<10	62	<10	63		
C384133		<20	0.01	<10	<10	29	<10	81		
C384134		<20	<0.01	<10	10	11	<10	170		
C384135		20	0.02	<10	<10	30	<10	55		
C384136		<20	<0.01	<10	10	23	<10	153		
C384137		20	0.08	<10	<10	50	<10	223		
C384138		20	0.09	<10	<10	52	<10	56		
C384139		20	0.04	<10	<10	38	<10	1060		
C384140		<20	0.11	<10	<10	53	<10	337		



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CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
C384141		5.62	0.017	1.1	0.96	41	<10	360	0.5	<2	1.94	2.4	7	8	10	2.81
C384142		5.98	0.351	35.2	0.47	2740	<10	20	0.5	<2	1.31	233	7	2	142	7.28
C384143		1.56	0.001	<0.2	0.04	<2	<10	10	<0.5	<2	20.3	<0.5	1	1	<1	0.44
C384144		6.40	0.070	4.7	0.58	810	<10	140	0.6	<2	1.69	28.9	9	5	21	3.68
C384145		6.12	0.186	4.0	0.95	512	<10	210	0.5	<2	2.01	12.2	8	9	43	3.47
C384146		7.38	0.091	0.7	1.37	431	<10	370	<0.5	2	2.10	2.6	8	9	16	3.52
C384147		7.88	0.016	4.8	1.16	64	<10	220	0.5	<2	2.97	6.4	10	8	10	3.51
C384148		3.42	0.004	1.2	2.29	45	<10	360	<0.5	<2	2.39	2.9	10	10	8	3.83
C384149		6.48	0.002	0.2	1.56	7	<10	430	0.5	<2	2.02	<0.5	9	10	6	3.37
C384150		5.62	<0.001	<0.2	2.18	<2	<10	570	<0.5	<2	1.62	<0.5	9	12	11	3.25
C384151		6.10	0.006	0.4	1.73	24	<10	520	<0.5	<2	2.04	0.9	8	12	13	3.29
C384152		6.50	<0.001	<0.2	2.28	<2	<10	660	<0.5	<2	1.61	<0.5	8	14	11	3.27
C384153		5.88	0.002	0.6	1.37	31	<10	390	<0.5	<2	2.08	0.6	9	11	7	3.25
C384154		5.76	0.002	1.0	0.96	19	<10	390	0.7	<2	2.52	<0.5	8	6	12	3.38
C384155		4.54	0.054	3.6	0.52	659	<10	100	0.8	<2	3.27	2.8	10	4	16	3.87
C384156		4.74	0.027	1.9	0.41	267	<10	100	0.6	<2	2.89	0.7	9	4	12	3.68
C384157		4.96	0.016	2.1	0.69	72	<10	130	0.7	<2	1.92	5.9	9	7	9	3.33
C384158		4.82	0.001	0.4	0.94	8	<10	200	0.8	<2	2.88	<0.5	9	7	5	3.22
C384159		4.96	0.003	0.7	0.66	30	<10	190	0.8	<2	2.43	<0.5	9	6	6	3.28
C384160		4.62	0.002	0.3	1.56	4	<10	370	<0.5	<2	2.38	<0.5	9	12	9	3.26
C384161		5.26	<0.001	0.4	1.42	3	<10	190	<0.5	<2	2.55	<0.5	10	62	29	2.68
C384162		4.30	0.012	4.0	0.91	207	<10	230	0.8	<2	3.60	4.7	16	72	69	3.96
C384163		4.62	0.198	0.8	0.90	230	<10	220	0.9	2	4.63	1.0	18	75	6	4.16
C384164		4.70	0.180	3.5	0.42	222	<10	170	<0.5	<2	2.13	7.1	5	3	20	1.58
C384165		6.20	0.204	12.4	0.37	1030	<10	30	<0.5	3	1.05	38.3	3	4	45	3.93
C384166		1.26	<0.001	<0.2	0.02	<2	<10	10	<0.5	<2	18.6	<0.5	1	1	1	0.41
C384167		5.84	0.240	36.8	0.36	664	<10	80	<0.5	<2	0.71	102.5	3	4	71	4.28
C384168		5.48	0.056	4.8	0.32	133	<10	110	0.5	2	1.70	5.7	3	4	22	1.51
C384169		4.32	0.057	6.0	0.39	220	<10	130	0.6	2	1.51	13.9	5	4	37	2.00
C384170		3.34	0.006	0.5	0.88	29	<10	330	0.7	<2	2.96	1.0	9	10	10	3.01
C384171		4.26	0.011	0.7	0.66	90	<10	330	0.9	<2	3.85	0.7	13	35	20	3.83
C384172		6.32	0.003	0.2	0.71	7	<10	220	0.6	<2	2.08	<0.5	5	6	10	2.26
C384173		5.40	0.006	0.5	0.62	29	10	290	0.8	<2	2.62	1.0	7	8	13	2.56
C384174		3.96	0.042	4.4	0.50	109	<10	210	1.0	<2	4.15	16.8	17	58	43	4.00
C384175		2.48	0.757	36.2	0.32	2670	<10	20	<0.5	<2	1.11	263	5	4	94	6.01
C384176		6.20	0.004	0.5	0.85	47	<10	390	0.7	<2	2.49	1.5	9	16	5	3.60
C384177		7.20	0.012	2.7	0.71	69	<10	310	0.5	<2	2.41	3.2	9	8	14	3.21
C384178		3.30	0.212	12.0	0.41	331	<10	70	0.5	<2	2.66	47.2	5	16	34	3.07
C384179		3.64	0.291	>100	0.23	504	<10	70	<0.5	<2	0.81	207	3	3	372	3.42
C384180		5.54	0.359	10.4	0.27	433	<10	80	<0.5	<2	0.48	40.1	3	29	37	2.14



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CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1
C384141		<10	1	0.32	20	0.55	1165	2	0.07	3	810	86	0.51	13	5
C384142		<10	1	0.29	10	0.40	950	3	0.01	3	710	2790	8.44	265	2
C384143		<10	<1	0.03	<10	12.55	197	<1	0.01	<1	270	3	<0.01	<2	<1
C384144		<10	<1	0.30	10	0.49	1300	2	0.02	3	770	472	2.15	44	4
C384145		<10	<1	0.24	20	0.77	846	2	0.04	3	620	318	0.97	37	6
C384146		<10	<1	0.33	20	0.89	839	1	0.14	4	780	26	0.54	8	6
C384147		<10	<1	0.31	20	1.02	1820	1	0.07	3	810	378	0.99	14	6
C384148		10	<1	0.47	10	1.11	643	<1	0.24	5	1400	86	0.22	7	7
C384149		10	<1	0.45	20	0.93	870	<1	0.13	3	810	8	0.24	6	8
C384150		10	<1	0.55	20	0.98	620	<1	0.24	4	860	5	0.04	2	7
C384151		10	1	0.52	20	0.97	1320	<1	0.18	3	800	20	0.35	6	7
C384152		10	<1	0.71	20	0.95	735	<1	0.28	4	830	6	0.06	2	7
C384153		<10	<1	0.38	20	0.83	1110	<1	0.11	3	790	41	0.35	5	6
C384154		<10	<1	0.36	20	0.84	3730	2	0.04	3	790	22	0.39	8	6
C384155		<10	<1	0.31	10	0.69	7810	2	0.02	4	760	168	2.60	11	4
C384156		<10	1	0.29	10	0.87	5640	1	0.01	3	730	62	2.34	9	4
C384157		<10	1	0.23	10	0.68	1950	<1	0.01	3	780	195	1.36	8	8
C384158		<10	<1	0.27	20	0.70	1215	1	0.01	2	800	15	0.41	6	8
C384159		<10	1	0.25	20	0.77	1890	1	0.02	4	830	25	0.59	6	7
C384160		<10	<1	0.35	20	1.00	1450	2	0.13	4	810	14	0.13	3	6
C384161		<10	<1	0.26	20	1.20	824	1	0.06	20	540	12	0.09	3	6
C384162		<10	1	0.30	10	1.57	3460	1	0.03	42	820	231	0.66	26	11
C384163		<10	1	0.30	10	1.70	3610	<1	0.03	54	970	37	1.00	9	12
C384164		<10	<1	0.32	10	0.48	8370	1	0.01	1	260	306	1.43	10	1
C384165		<10	<1	0.26	10	0.30	1580	1	0.01	1	260	1150	4.02	33	1
C384166		<10	1	0.01	<10	11.45	186	<1	<0.01	<1	140	3	<0.01	2	<1
C384167		<10	1	0.26	10	0.12	1365	1	0.01	<1	190	4730	4.58	31	1
C384168		<10	<1	0.24	10	0.19	2350	<1	0.01	<1	190	382	1.24	13	1
C384169		<10	<1	0.21	10	0.35	1535	3	0.01	4	260	735	1.40	20	2
C384170		<10	<1	0.19	20	1.22	1090	3	0.01	7	680	55	0.19	8	10
C384171		<10	<1	0.18	10	1.77	1285	2	0.01	17	870	56	0.36	13	12
C384172		<10	1	0.24	20	0.81	772	1	0.01	2	420	22	0.09	5	6
C384173		<10	<1	0.24	20	0.97	1275	1	0.01	5	520	56	0.19	8	7
C384174		<10	<1	0.23	10	1.86	1415	2	0.02	31	670	1035	1.04	18	12
C384175		<10	2	0.19	<10	0.33	1280	1	0.01	5	320	4000	6.72	44	2
C384176		<10	<1	0.34	20	1.06	1295	<1	0.03	4	840	47	0.68	7	10
C384177		<10	<1	0.31	20	0.83	1470	<1	0.04	3	740	289	0.72	9	7
C384178		<10	1	0.24	10	0.75	2180	<1	0.01	3	500	1640	2.05	33	3
C384179		<10	2	0.19	10	0.15	17500	<1	0.01	<1	130	9100	4.33	863	1
C384180		<10	1	0.20	10	0.14	2090	4	<0.01	1	150	1410	2.28	36	1



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.01
C384141		<20	0.05	<10	<10	41	<10	223		
C384142		<20	<0.01	<10	<10	8	<10	>10000		1.61
C384143		<20	<0.01	<10	<10	2	<10	23		
C384144		<20	<0.01	<10	<10	20	<10	1870		
C384145		20	0.01	<10	<10	37	<10	815		
C384146		<20	0.05	<10	10	53	<10	211		
C384147		<20	0.02	<10	10	42	<10	669		
C384148		<20	0.11	<10	<10	70	<10	240		
C384149		<20	0.08	<10	<10	61	<10	77		
C384150		<20	0.16	<10	<10	77	<10	55		
C384151		<20	0.11	<10	<10	62	<10	181		
C384152		<20	0.18	<10	<10	75	<10	59		
C384153		<20	0.07	<10	<10	55	<10	100		
C384154		<20	0.01	<10	<10	38	<10	58		
C384155		<20	<0.01	<10	10	17	<10	450		
C384156		<20	<0.01	<10	10	14	<10	103		
C384157		<20	<0.01	<10	<10	40	<10	312		
C384158		<20	0.01	<10	10	45	<10	52		
C384159		<20	0.01	<10	<10	37	<10	63		
C384160		<20	0.06	<10	<10	58	<10	79		
C384161		20	0.03	<10	<10	47	<10	54		
C384162		<20	0.01	<10	10	60	<10	656		
C384163		<20	<0.01	<10	10	62	<10	135		
C384164		20	<0.01	<10	10	3	<10	477		
C384165		20	<0.01	<10	10	4	<10	2060		
C384166		<20	<0.01	<10	<10	1	<10	18		
C384167		20	<0.01	<10	10	3	<10	6540		
C384168		20	<0.01	<10	10	3	<10	416		
C384169		20	<0.01	<10	10	9	<10	1040		
C384170		<20	<0.01	<10	<10	45	<10	117		
C384171		<20	<0.01	<10	<10	59	<10	109		
C384172		20	0.02	<10	<10	31	<10	46		
C384173		20	<0.01	<10	<10	30	<10	109		
C384174		<20	<0.01	<10	<10	65	<10	1295		
C384175		<20	<0.01	<10	<10	8	<10	>10000		1.51
C384176		<20	0.04	<10	10	54	<10	155		
C384177		<20	0.03	<10	<10	40	<10	285		
C384178		<20	0.01	<10	<10	16	<10	2630		
C384179		20	<0.01	<10	10	1	10	>10000	209	1.14
C384180		30	<0.01	<10	10	2	<10	2240		



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
C384181		2.22	0.008	0.6	0.03	8	<10	10	<0.5	<2	20.4	0.6	1	1	0.48
C384182		5.12	0.007	0.3	0.38	14	<10	250	0.5	<2	1.39	<0.5	3	25	1.31
C384183		5.92	0.040	1.4	0.37	49	<10	90	0.5	<2	1.50	2.8	4	6	1.54
C384184		6.14	0.077	4.3	0.30	113	<10	60	0.5	<2	1.38	12.6	3	26	1.68
C384185		5.58	0.014	0.5	0.28	22	<10	60	0.5	<2	1.60	<0.5	3	5	1.20
C384186		5.94	0.001	0.4	0.39	5	<10	130	<0.5	<2	1.12	1.6	4	21	1.55
C384187		5.42	<0.001	0.2	0.37	6	<10	120	<0.5	<2	1.51	<0.5	4	6	1.65
C384188		5.60	0.024	2.3	0.48	290	<10	230	<0.5	<2	1.65	6.1	4	18	1.87
C384189		4.80	0.001	0.2	1.11	5	<10	390	<0.5	<2	2.01	0.8	8	12	3.00
C384190		4.60	<0.001	<0.2	1.40	<2	<10	380	<0.5	<2	2.25	<0.5	8	16	3.07
C384191		5.62	<0.001	<0.2	1.82	<2	<10	470	<0.5	<2	1.64	<0.5	8	12	3.11
C384192		6.94	0.001	<0.2	1.67	2	<10	550	<0.5	<2	1.32	<0.5	8	22	2.93
C384193		6.52	<0.001	<0.2	1.82	<2	<10	470	<0.5	<2	1.63	<0.5	8	14	3.15
C384194		7.42	<0.001	<0.2	1.95	<2	<10	460	<0.5	<2	1.73	<0.5	9	23	3.26



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Project: IDAHO CREEK ID-07-01

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Finalized Date: 10-AUG-2007

Account: RCM

CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
C384181		<10	<1	0.02	<10	12.45	257	<1	0.01	<1	210	31	<0.01	5	<1
C384182		<10	<1	0.16	20	0.33	1095	<1	0.01	1	220	21	0.26	5	3
C384183		<10	<1	0.22	20	0.30	1265	1	0.02	<1	220	156	0.54	5	2
C384184		<10	1	0.23	10	0.34	1590	1	0.01	1	200	401	1.45	8	1
C384185		<10	<1	0.20	10	0.26	934	1	0.01	<1	190	24	0.63	4	1
C384186		<10	<1	0.21	20	0.31	740	<1	0.03	1	230	68	0.09	<2	3
C384187		<10	<1	0.18	20	0.38	613	<1	0.03	<1	230	10	0.06	2	2
C384188		<10	<1	0.21	20	0.45	1050	1	0.03	1	320	329	0.57	4	3
C384189		<10	<1	0.33	20	0.89	774	1	0.10	3	740	19	0.10	2	6
C384190		10	<1	0.32	20	0.96	712	<1	0.11	4	860	5	0.04	<2	5
C384191		10	<1	0.43	20	0.94	631	4	0.17	4	850	3	0.02	<2	5
C384192		10	<1	0.47	20	0.86	548	<1	0.16	2	780	3	0.02	<2	5
C384193		10	1	0.42	20	1.00	599	<1	0.16	3	860	3	0.03	2	6
C384194		10	1	0.40	20	1.12	649	<1	0.17	4	880	3	0.02	2	7



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Project: IDAHO CREEK ID-07-01

Page: 4 - C
Total # Pages: 4 (A - C)
Finalized Date: 10-AUG-2007
Account: RCM

CERTIFICATE OF ANALYSIS VA07077388

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46
		Th	Ti	Ti	U	V	W	Zn	Ag	Zn
		ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.01
C384181		<20	<0.01	<10	<10	2	<10	55		
C384182		30	<0.01	<10	10	12	<10	34		
C384183		30	<0.01	<10	10	10	<10	202		
C384184		20	<0.01	<10	10	3	<10	717		
C384185		30	<0.01	<10	10	4	<10	41		
C384186		30	0.02	<10	10	16	<10	173		
C384187		30	0.01	<10	<10	14	<10	27		
C384188		20	0.01	<10	10	17	<10	565		
C384189		<20	0.06	<10	<10	49	<10	119		
C384190		<20	0.07	<10	<10	55	<10	55		
C384191		<20	0.15	<10	<10	69	<10	57		
C384192		<20	0.16	<10	<10	67	<10	53		
C384193		<20	0.15	<10	<10	74	<10	51		
C384194		<20	0.12	<10	<10	78	<10	51		

APPENDIX III
DIAMOND DRILL LOGS

PROJECT

PROPERTY: IDAHO CREEK

Easting Northing Elev. Depth (m)

HOLE: ID-07-01

Contractor: BEAUDOIN DIAMOND DRILLING

Drill:

Core size: BTW

Cassing depth: (m) in/out

Drilling dates:

Logged by:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

Target: _____

[illegible]

SAMPLES
Numbers: C384101 to C384194
Total: 94
Date sent: July 1, 2007

COMMENTS	

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS							
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier			Notes:						From (m)	To (m)	Interval (m)	Sample						From (m)	To (m)	Intvl. (m)		REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape
Type	Attitude																										(m)	Percent	(m)	Percent								
									Top 27.6m of hole is very blocky with poor recovery. Rock types are very irregular, likely overburden boulders. Sand, gravel and cobbles are typical.	chl	cl		Qz	Fd	Hb		0.00	9.14	9.14	C384101				0.00	3.00	3.00	0.40	13.3%	0.00	0.0%	mw	ms	12			3	4	
		0.00	27.43	27.43					14.93-21.34m OR-BR alt MSP with small BK pits and ST on Fx. Very blocky	fec							9.14	14.93	5.79	C384102				3.00	6.10	3.10	1.53	49.4%	0.45	14.5%	mw	ms	6	45	3	3	3	
									21.34-27.43m very OR, bleached Qz (<4mm) MSP. Minor gauge material	ble	cl	oxi	Qz	Bi			14.93	21.34	6.41	C384103				6.10	9.10	3.00	0.93	31.0%	0.00	0.0%	hw	w		50	3	4	5	
																	21.34	27.43	6.09	C384104				9.10	12.10	3.00	1.04	34.7%	0.11	3.7%	ew	vw			3	2	4	
									OR-TN weathered, very brittle, fine MSP with Bi-HB. Rubble and gauge/gravel abundant. Fx at 80 and 1/4 turn 20 with small BK pitted areas-mno dendrites. Rare lim on Fx and as halos up to 3 mm. Very broken at end of interval	lim	oxi	cl	Qz	Bi	Hb		27.43	30.48	3.05	C384105				12.10	15.20	3.10	1.28	41.3%	0.32	10.3%	hw	ms			3	3	4	
																	30.48	33.53	3.05	C384106				15.20	18.30	3.10	1.51	48.7%	0.38	12.3%	mw	ms	10	35	2	2	3	
																	33.53	36.58	3.05	C384107				18.30	21.30	3.00	0.45	15.0%	0.33	11.0%	sw	w	5	45	5	3	7	
																	36.58	42.36	5.78	C384108				21.30	24.40	3.10	0.87	28.1%	0.00	0.0%	hw	w			4	3	4	
									Pale GY, contact metamorphosed, medium grained CSP with talc-epidote, abundant OR stain. OR lim halos on Fx surfaces. Overall Py disseminated ~1-3%, Bi replaced by Py in some locations. Manganese dendrites- BK Sx radiating (up to 5mm halo) from Fx. Semi stockwork of Fx mineralization with Py. When Bi is present the overall Py content is lower.	ble	lim	sil	Qz	Fp	Bi	Py	42.37	44.56	2.19	C384109				24.40	27.40	3.00	1.00	33.3%	0.28	9.3%	mw	vw			2	2	3	
									Dark GY, MD grained Fresh CSP with <7mm Bi XT. Rare Fx with thin lim coating and manganese (w-m). Rock is moderately magnetic. BR and metallic GY (?) sheen on Fx surfaces. Abundant. Weak chl alteration.	bio	lim	ser	Fd	Bi	Hb	Qz	44.56	46.63	2.07	C384110				27.40	30.40	3.00	2.05	68.3%	0.47	15.7%	hw	w	4	60	5	3	4	
																								30.40	33.50	3.10	1.50	48.4%	1.10	35.5%	mw	ms	3	45	2	4	7	
									Very OR, lim alt talc-epi, MG CSP with up to 2 mm lim on Fx. Brittle, Fx-ed rock. Small Fx zones with no visible Sx. Manganese (soft) coating on Fx. 1mm Py VT associated 3mm lim halos. Minor Tr laths randomly oriented. Disseminated Py in matrix. Overall oxidation-alteration decreases here.	lim	sil	bio	Fd	Qz	Bi	Mg	46.63	49.07	2.44	C384111				33.50	36.50	3.00	1.61	53.7%	0.63	21.0%	sw	w	9	40	3	3	7	
																								36.50	39.60	3.10	1.41	45.5%	0.53	17.1%	hw	vw	2	55	3	3	8	
									Within pale alt CSP 46cm zone with Ca VT (4mm) hosting blebby Py, Sp, t Gn (15 deg). Up to 1 cm lim envelopes on BK Sx coated Fx.	lim	sil			Py	Tr	Sp	Gn	49.07	51.51	2.44	C384112				39.60	42.70	3.10	0.94	30.3%	0.33	10.6%	hw	ms	5	50	4	2	5
																								42.70	45.70	3.00	2.72	90.7%	2.18	72.7%	sw	ms	6	40	2	3	10	

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY								ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier							From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage			
								Notes:																(m)	Percent	(m)	Percent											
		51.51	59.13	7.62	FRESH CSP			MG, chl alt, dark GY, moderately magnetic CSP Manganese coated Fx. Alt of Bi, lim on Fx associated with manganese blebs. Minor visible Kf. Hairline (<2mm) Ca VT (30) with disseminated Py. No Py in matrix. Towards end of interval Qz and Fd percentage increases	ser	bio	lim	Bi	Qz	Fd	Hb	51.51	55.32	3.81	C384113				45.70	48.70	3.00	2.33	77.7%	1.21	40.3%	mw	s	12	35	3	3	8		
												Mg	Kf	Ca	Py	55.32	59.13	3.81	C384114				48.70	51.80	3.10	2.63	84.8%	1.40	45.2%	mw	s	6	30	4	2	8		
		59.13	62.18	3.05	ALT CSP			Upper contact broken. Rock is ble and silicious. 2mm sub-parallel hairline Sx bands: Py, Sp and t Gn. These bands are cut by a later phase Qz-Ca VT (15) 1cm w/ semi massive Py, m Sp, t Gn. Weak lim on Fx with interval 0.3m zone of abundant 1-3mm Tr XT with moderate disseminated PY. Dark GY bands with Py at 50 and 1/4 turn 25.	sil	chl	lim	Hb	Fd	Qz	Ca	59.13	62.18	3.05	C384115				51.80	54.80	3.00	2.71	90.3%	2.02	67.3%	mw	ms	6	55	3	3	9		
												Tr	Py	Sp	Gn							54.80	57.30	2.50	1.85	74.0%	1.21	48.4%	mw	ms	7	45	3	3	10			
		62.18	72.85	10.67	ALT CSP			contact: 50, occurs on Fx surface. Very WH, talc-epi alt with heavy fec-lim and mno. LT GR-GY, chl alt, w sil CSP w/ w-m lim on Fx surfaces. 8 stockwork Fx in 8 cm zone. Lim on all EN, BK Sx. Tiny stringers of Sx in matrix (hairline), w disseminated Py. 2 parallel Bk-GY Sx VT at 50 with lim halo. Presence of hairline Sx in irregular orientation. All ~ 1mm.	chl	ble	sil	Fd	Qz	Bi	Py	62.18	65.53	3.35	C384116				57.30	59.70	2.40	2.22	92.5%	1.92	80.0%	sw	w	5	40	4	3	11		
																						59.70	62.50	2.80	1.85	66.1%	1.58	56.4%	mw	w	5	30	3	3	9			
								Sodic-chalky WH CSP with abundant OR-mno surfaces. 30 cm OR gravel/gauge area. Bi completely chl. Fx, 50-60, are 'baked' up to 1cm.	lim	ble	chl	Sx?				65.63	69.49	3.86	C384117				62.50	64.10	1.60	1.20	75.0%	0.80	50.0%	mw	ms	8	40	4	4	8		
																						64.10	66.40	2.30	2.16	93.9%	1.76	76.5%	sw	w	4	35	2	4	10			
								Very Fx, lim alt CSP with gauzy zone at the start of interval. Density of Sx ST is lower in this interval than previous.								69.49	72.85	3.36	C384118				66.40	67.60	1.20	0.90	75.0%	0.42	35.0%	hw	ms	8	45	5	3	6		
																						67.60	69.50	1.90	1.30	68.4%	0.82	43.2%	mw	w	5	30	2	3	8			
								Pale PK for last 60 cm of interval. Very fine hairline DK SX.														69.50	71.30	1.80	1.61	89.4%	0.90	50.0%	hw	w	7	40	3	3	7			
																BLANK			C384119				71.30	73.10	1.80	1.75	97.2%	1.59	88.3%	sw	ms	6	45	1	2	10		
		72.85	81.69	8.84	FRESH CSP			Dark GY, fresh CSP with up to 40 cm zones of spi-ble alt CSP Irregular/rare stringers of Py replacing some Bi. Qz-Ca VT at 30. Rare unmineralized source of ble and alteration-not likely Fx/VT. Peripheral to a feature not seen in the core? Minute irredescent RD-PK Sx?	chl	ble		Py	Qz	Ca		72.85	76.20	3.35	C384120				73.10	75.50	2.40	2.36	98.3%	1.65	68.7%	sw	ms	4	40	2	2	10		
								Sample w/ more chl alt GRD.								76.20	79.55	3.35	C384121				75.50	78.30	2.80	2.21	78.9%	1.71	61.1%	sw	s	5	40	4	3	9		
								Sample same as prev but w/ FG DIO dyke (10 cm) un mzd.								79.55	81.69	2.14	C384122				78.30	81.30	3.00	2.84	94.7%	2.62	87.3%	fr	ms	3	25	2	2	11		
																						81.30	82.30	1.00	0.93	93.0%	0.61	61.0%	mw	s	5	50	3	3	7			
																						82.30	85.30	3.00	2.94	98.0%	2.86	95.3%	sw	ms	3	60	3	2	10			

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness
Type	Attitude																								(m)	Percent	(m)	Percent								
		81.69	91.44	9.75	ALT	CSP		Very ble, pale GR-GY alt CSP very w diss Py w/ rare BK Sx VT. Talc-epi Alt dominant.	chl	ble	Py	Sx?			81.69	85.33	3.64	C384123			85.30	88.30	3.00	2.74	91.3%	2.19	73.0%	sw	s	3	30	2	2	11		
								85.33-88.39m start of sample in Dark GY fresh CSP w/ small ble EN. Poor SX w/ transition into ble, more Fx chl GRD. Rare hairline Fx w/ GY Sx.							85.33	88.39	3.06	C384124			88.30	91.40	3.10	2.62	84.5%	1.95	62.9%	sw	ms	5	50	2	2	12		
								88.39-91.44 first half of interval is epi-ble alt CSP and then 80 degrees contact into 1 m of fresh Kf Granite (XN?) w/ sparse Py, Bi < 7cm, Hb also. Fx / ST density v. low.	chl		Py	Bi	Hb		88.39	91.44	3.05	C384125			91.40	94.40	3.00	2.88	96.0%	2.81	93.7%	fr	w	7	40	1	2	11		
															94.40	97.50	3.10			94.40	97.50	3.10	2.92	94.2%	2.71	87.4%	sw	ms	5	30	3	3	10			
		91.44	94.94	3.5	ALT	CSP		Pale GR-off YW talc-epi-ser CSP w/ high QZ-Fd-low Bi. 55 degrees Fx very w Py. DIO is non-magnetic. No coating on Fx. Unmzd towards end of interval. Weakly disseminated Py also. Rep taken.	chl		Qz	Fd	Bi	Py	91.44	94.94	3.50	C384126			97.50	100.50	3.00	2.98	99.3%	2.92	97.3%	fr	w	2	45	3	4	13		
															100.50	103.60	3.10			100.50	103.60	3.10	2.82	91.0%	2.57	82.9%	sw	ms	2	40	3	3	11			
		94.94	97.84	2.9	ALT	CSP		Pale-medium PK-OR fec and Kf alt CSP. Up to 3mm VT w/ Py bands hosting Sp and t Gn. Peripheral to fresh CSP mzn / VT incr.	pot		Py	Sp	Gn	Ca	94.74	97.84	3.10	C384127			103.60	106.70	3.10	3.05	98.4%	2.41	77.7%	sw	ms	5	35	4	4	10		
											Ca	Qz								106.70	109.10	2.40	2.85	118.8%	2.31	96.3%	fr	ms	3	45	2	3	10			
		97.84	103.33	5.49	ALT	CSP		Contact broken. Med GR, epi alt CSP rare mafic minerals Qz + Fd dominant. Py weak in country rock. Irreg VT + ST have dom Py w / w Sp and t Gn. Py only VT @ 50, other mzn 1/4 turn @ 35. Py disseminated, increases near end of interval. Small BK Sx pits too!	chl		Py	Sp	Gn	Qz	97.84	100.59	2.75	C384128			109.10	112.78	3.68	2.85	77.4%	2.03	55.2%	sw	ms	4	55	3	4	10		
								100.59-103.33 Essentially barren chl-ble CSP. Lower contact @ 30 degrees marked w/ Qz-Ca-Py VTS then into Dark GY fresh CSP.	chl	ble	Qz	Fd	Ca		100.59	103.33	2.74	C384129			112.78	115.82	3.04	2.99	98.4%	2.53	83.2%	sw	ms	5	25	1	2	10		
																				115.82	118.87	3.05	2.82	92.5%	2.40	78.7%	mw	s	8	30	3	3	11			
		103.33	112.47	9.14	ALT	MSP		Dark GY, slightly chl altered, weakly magnetic MSP. Overall poorly mineralized, Ca VTs-barren. Very patchy zones of chl alteration (minor). Minor increase in He on Fx.	ser	chl	Ca				103.33	106.38	3.05	C384130			118.87	121.92	3.05	3.01	98.7%	2.47	81.0%	sw	ms	4	25	4	3	10		
								106.38-109.42m pale GR epi alt, ble MSP Spotty Py mzn-disseminated and within Ca VT approximately parallel to the c-axis. Patches of ser alt GRD with minor zones of ble rare Ca VT parallel to c-axis.	chl	ble	ser	Py	Ca		106.38	109.42	3.04	C384131			121.92	124.96	3.04	2.87	94.4%	2.49	81.9%	sw	s	2	40	3	3	11		
								109.42-112.47m Fresh CSP with minor zones of ble rare Ca VT (2mm-25deg) with Py and t Sp.	ser	ble	Py	Sp			109.42	112.47	3.05	C384132			124.96	128.02	3.06	2.91	95.1%	2.42	79.1%	fr	s	5	45	2	1	11		
																				128.02	131.06	3.04	2.88	94.7%	1.98	65.1%	sw	ms	10	50	2	2	9			
		112.47	116.12	3.65	ALT	CSP		Gradational contact from magnetic ser CSP into light GY-WH sodic-fec alt CSP. Rare Py in matrix and Fx. Ca VT at 15 deg. Overall poor mineralization. Fx surfaces have WH carbonate precipitate. 50 deg Sx-lined VT.	chl	pot	Fd	Qz	Hb	Bi	112.47	116.12	3.65	C384133			131.06	134.11	3.05	2.69	88.2%	1.94	63.6%	mw	s	4	40	2	3			

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS			
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier					From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)		Percent		Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		

HOLE: ID-07-01

6 of 10

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage
Type	Altitude																								(m)	Percent	(m)	Percent									
			180.18	190.30	10.12		ALT CSP		Very rubbly and GY coated rock. Gradual contact into FG, bleached, epi-chl CSP. Mineralization is Py in Qz ST-micro Fx. Muscovite mica present with t BK Sx blebs and Qz Fx-mostly barren. Small GY gaugy zones over 40 cm	chl	ble		Qz	Py	Ms		180.18	184.10	3.92	C384154				230.73	233.48	2.75	3.01	109.5%	2.70	98.2%	fr	w	3	55	3	4	10
									184.10-187.20m Top metre of interval is almost brecciated. Sil-epi CSP with zones of dark GY FG MSP separated from FG CSP by Py, Sp mineralized Qz-Ca VT – parallel to c-axis. Micro Fx-sparse. Minor Py STW zones.	sil	chl		Qz	Ca	Py	Sp	184.10	187.20	3.10	C384155				233.48	236.52	3.04	2.71	89.1%	2.09	68.7%	fr	ms	6	60	3	2	10
									187.20-190.30m top of interval is sil-epi DIO, bottom is less sil rich chl altered. Mineralization is Py in stringers and occasionally as disseminations with a mafic Sx (not Sp). 40cm zones of v FG GY MSP with moderate disseminated Py and BK Sx.	chl	pot	sil	Py	Sx?			187.20	190.30	3.10	C384156				236.52	237.74	1.22	1.33	109.0%	1.31	107.4%	fr	w	4	55	4	3	9
																							237.74	240.79	3.05	3.06	100.3%	2.74	89.8%	sw	vw	5	45	4	4	8	
			190.30	199.34	9.04		ALT CSP		Sodic-ser-CSP with increased silicification as EN around STW VT. < 1cm Qz-Ca VT with Py, Sp and t Gn and black Sx. Overall poor mineralization.	pot							190.30	193.55	3.25	C384157				240.79	243.84	3.05	3.09	101.3%	2.82	92.5%	fr	vw	7	45	3	3	10
									193.55-196.45m sodic-ser CSP with Qz-Ca VTs hosting Py, rare Sp. Bleached EN around VTs. Poor overall mineralization.								193.55	196.45	2.90	C384158				243.84	246.89	3.05	2.86	93.8%	2.71	88.9%	fr	ms	6	45	3	3	12
									196.45-199.34m epi-ble-sil alt CSP. More silicification and VTs of Py, Sp with t Gn at 50 deg, 1/4 turn opp direction 60 deg. VT of Py and Sp (fine).								196.45	199.34	2.89	C384159				246.89	249.94	3.05	2.99	98.0%	2.69	88.2%	fr	ms	6	50	4	3	10
																							249.94	252.98	3.04	3.02	99.3%	2.13	70.1%	mw	vw	3	35	3	3	8	
			199.34	201.93	2.59		FRESH CSP		Fresh, weakly chl fresh CSP. Pale altn EN around Ca VTs. Sparse Py in VTs.								199.34	201.93	2.59	C384160				252.98	256.03	3.05	2.97	97.4%	2.68	87.9%	fr	vw	8	50	4	3	11
																							256.03	259.08	3.05	2.98	97.7%	2.98	97.7%	fr	ms	4	45	2	2	12	
			201.93	203.91	1.98		ALT CSP		Epi-ser alt CSP with minor silicification, small zones of BK Sx with OR-RD pits. Lower contact looks like it doesn't belong (broken but neither piece shows evidence of the other rock type.)								201.93	204.83	2.90	C384161				259.08	262.13	3.05	3.06	100.3%	3.01	98.7%	fr	ms	5	45	3	3	12
																							262.13	265.18	3.05	2.90	95.1%	2.58	84.6%	fr	ms	1	60	1	2	11	
			203.91	209.91	6		FG DYKE		very FG DIO dyke, dark GY-BL in colour. GR alt zones when Ca VTs in STW. No mineralization associated with VTs (60-65) Blebby-very FG zone of silver metallic minerals with silver scratch As?														265.18	268.22	3.04	2.89	95.1%	2.78	91.4%	fr	ms	2	60	1	2	12	
									At 204.83m ble becomes more prominent and density of Py with m Sp micro VTs and STW Fx increases. Rare Ca VT with Py, Sp and t Gn.	ble	sil						204.83	207.37	2.54	C384162				268.22	271.27	3.05	2.91	95.4%	2.91	95.4%	fr	ms	1	60	2	3	14

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL				JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness
								207.37-209.91m same DIO dyke with minor mafic component. Majority is pale TN-GY light GY-very Ca VT rich with STW and semi-stockwork, hairline and micro-Fx. Sx lined ST.							207.37	209.91	2.54	C384163				271.27	274.32	3.05	3.04	99.7%	2.99	98.0%	fr	ms	2	55	3	3	13
															274.32	275.84	1.52				274.32	275.84	1.52	1.67	109.9%	1.67	109.9%	fr	s	3	45	2	2	13	
		209.91	228.05	18.14			ALT CSP	overall rock is pale-medium GR talc-epi alt CSP. ST and Fx more abundant thru whole section.	chl	pot		Qz	Fd	Bi							275.84	278.89	3.05	3.01	98.7%	2.81	92.1%	fr	s	4	40	2	3	10	
								209.91-212.93m weakly epi alt CSP with hairline Fx/ST of Py and t Sp. Fx- parallel to c-axis				Py	Sp		209.91	212.93	3.02	C384164				278.89	281.94	3.05	3.02	99.0%	2.97	97.4%	fr	ms	5	35	2	2	12
								212.93-216.15m top 1/3 section of sample is fresh CSP. Rare dark ST w/ Py and Sp, t As. Bottom 55 cm of sample has massive Py, As with t Sp and t, t Gn mixed with rare Qz and very intense GY gauge and obliterated rock at end.							212.93	216.15	3.22	C384165				281.94	284.99	3.05	3.01	98.7%	2.96	97.0%	fr	ms	5	45	3	3	12
														BLANK			C384166				284.99	288.04	3.05	2.13	69.8%	2.13	69.8%	fr	ms	2	45	1	2	14	
								216.15-219.37m General rock type is same as above. Black ST and VTs more abundant in this interval 1cm band of massive py with associated t Sp.				Py	Sp	Sx?	216.15	219.37	3.22	C384167				288.04	290.47	2.43	2.59	106.6%	2.59	106.6%	fr	ms	1	35	2	2	14
								219.37-222.59 m more Kf (OR-PK-pot alt XT) rich phase of the MG alt CSP. Rare GY-lined Fx. Mineralization sparse.							219.37	222.59	6.44	C384168				290.47	292.61	2.14	2.36	110.3%	2.20	102.8%	fr	s	3	40	2	3	12
								222.59-225.81m same as previous with increase in ST-lined GY VTs. End of interval becomes crackle-rich and has a pale-dark GY gauge just before contact of very YW-GR bleached, silicified (no pot/Kf alt) GRD.							222.59	225.81	3.22	C384169				292.61	295.66	3.05	2.95	96.7%	2.54	83.3%	fr	ms	3	35	3	3	11
								225.81 - 228.05m bleached, slightly silicified YW-GR CSP-transitional phase. Bottom 10 cm is Qz-flooded breccia-no mineralization. Barren rock							225.81	228.05	2.24	C384170				295.66	298.70	3.04	2.99	98.4%	2.95	97.0%	fr	ms	3	45	3	3	11
		228.05	230.49	2.44			EPI DYKE	very GR-YW-GY highly silicified epidote dyke. With abundant 2 mm epidote XT in groundmass. VERY distinct unit-new. Minor Bi alteration also, Ca VT in pseudo-STW with med GY 3mm halos. No mineralization within host of VT.							228.05	230.49	2.44	C384171																	
		230.49	237.80	7.31			FRESH CSP	Classic chl alt, very silicified in patches, CSP Rare GY Sx ST at 45 deg. One VT with Sp>Py (1mm) cuts core at 25 deg.				Sp	Py		230.49	234.15	3.66	C384172																	
								234.15-237.81m med GY, silicified CSP. No matrix mineralization but mzn associated with VT increases (Py and Sp)							234.15	237.81	3.66	C384173																	

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							ALT.		MINERALS				SAMPLES						Blocks			GEOTECHNICAL				JOINTS											
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:						From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)		REC		RQD			Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		
		237.81	240.40	2.59		FRESH CSP			Top 1m is FG TN-GY dyke with STW Fx and dark GY halos up to 4mm. No mzn within DIO dyke. Transitional into weal chl alt CSP for 1m. Fine Fx mineralization-Py and Mo?			Py	Mo	Sp	237.81	240.40	2.59	C384174																					
		240.40	241.77	1.37		BRECCIA			small breccia zone-dark GY matrix with up to 2 cm pale GRD clasts. Abundant Py, Sp, BK Sx and t Gn. Some Qz clasts caught up in brecciation also. Rare 2cm bands of semi massive Py (rep taken for XY). REP.			Py	Sp	Sx? Gn	240.40	241.77	1.37	C384175																					
		241.77	249.39	7.62		TRANSITION			After breccia zone there is a 'mixed bag' of transitional alteration: bleaching and epi. A small zone of FG ble CSP into ~1m of classic w, w chl DIO then into .75m of fresh chl alt CSP. Interval ends in CSP with rare Ca VTs and n-t dark ST.						241.77	245.58	3.81	C384176																					
		249.39	250.90	1.51		ALT CSP			245.58 - 249.39m same unusual transition with zones of epi CSP (<10cm). Primarily pale GY alt CSP with GY hairline ST. mineralization nil-trace.						245.58	249.39	3.81	C384177																					
		250.90	256.40	5.5		ALT CSP			Very clay/gauge and rubble rich zone. Rubble is chl DIO. Gauge is med to light GY. Visible Sx: Py. Gauge doesn't react to HCL.						249.39	250.90	1.51	C384178																					
		250.90	256.40	5.5		ALT CSP			250.90-253.65m dark GY-GR epi-chl alt CSP with abundant BK STW and VTs. Moderate mineralization of Py, Sp and As? Gn. Unknown BK Sx? 50 deg with STW everywhere. Rep taken.			Py	Sp	As	Gn	250.90	253.65	2.75	C384179																				
									253.65-256.40m same rock type as previous but definitely eoi alt. OR-PK Kf Xt. Py, Sp and t Gn with unknown BK Sx still as VT and ST.						253.65	256.40	2.75	C384180																					
		256.40	259.45	3.05		ALT CSP			Very pale WH-PK-GR talc-epidote-sericite CSP with weak chl alteration at the start of the interval. None to t mzn.						BLANK			C384181																					
		256.40	259.45	3.05		ALT CSP									256.40	259.45	3.05	C384182																					
		259.45	269.21	9.76		ALT CSP			Intire interval is chl alt CSP-pale to medium GR, epi rich with visible Fd, Qz XT. Minor potassic alteration (rare and occurring in zones). Overall mineralization is weak, mostly Py in Fx (60-80 deg) with a small zone of GR-PK GRANITE from 260.97-261.58m. Strong chl alt for most of the interval. 20 deg contact at base of interval.						259.45	262.70	3.25	C384183																					
															262.70	265.95	3.25	C384184																					
															265.95	269.21	3.26	C384185																					

PROPERTY: Idaho Creek

HOLE: ID-07-01

LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL				JOINTS								
Struct.		From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier							From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage	
Type	Attitude																									(m)	Percent	(m)	Percent								
		269.21	278.35	9.14		Kf GRANITE			Classic medium-coarse grained GRANITE with < 4mm Bi-Hb XT. State to see replacement of Bi with Py and dark DY-dull Sx. Rep taken. Quite silicified. Minor OR-RD haloes on small black Sx XT.						269.21	272.14	2.93	C384186																			
									272.14 - 275.07m Altered GRANITE-ble and w mzd. Still primarily Py in 2mm VTs.						272.14	275.07	2.93	C384187																			
									275.07-278.35m same as previous.						275.07	278.35	3.28	C384188																			
		278.35	283.84	5.49		FRESH CSP			Transitional zone into dark GY-BL chl CSP with zones of bleaching (all under 30 cm). 80 deg Ca VT 2 mm with Py, Sp and t Gn. Minor Jasper on thin VTs.						278.35	281.10	2.75	C384189																			
									281.10-283.84m 0.5m of very FG, DIO Dyke. Almost BK with ble regular GRD. VTs abundant but WH VTs cut unit. Overall poorly mineralized.						281.10	283.84	2.74	C384190																			
		283.84				FRESH CSP			Completely GR-BK fresh CSP. Weakly chl altered with occasional Fx and VTs. Epidote EN and t amounts of Jasper on Fx-rare. Rarely there is <10 cm GF mafic DIO dyke xenolith within rock. Mineralization is spotty Py and continues right to EOH.						283.84	287.58	3.74	C384191																			
															287.58	291.31	3.73	C384192																			
															291.31	295.04	3.73	C384193																			
															295.04	298.78	3.74	C384194																			
																		EOH																			

PROJECT

PROPERTY: IDAHO CREEK

Easting	Northing	Elev.	Depth (m)
			323.17

HOLE: ID-07-02

Contractor: BEAUDOIN DIAMOND DRILLING
Drill:

Core size: BTW
Cassing depth: 3.05 (m) in/out

Drilling dates: JUNE 26-JUNE 30, 2007

Logged by: HEATHER SMITH

Target: _____

[illegible]

SAMPLES
Numbers: C384196-C284267
Total:
Date sent:

COMMENTS
The samples listed above were the original samples taken. "Infill" samples were completed and shipped to town to be held onto pending the results from the first batch of ID-07-02 samples.

PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS			
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier					From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		
																							(m)	Percent	(m)	Percent									
		0.00	5.79	5.79		FRESH CSP		Casing and top 5.79m of hole MG w chl alt CSP. OR-lined FX common. Weakly magnetic-no mzn. REP taken for XY. Bi alt.	ser						0.00	5.79	7.79	C384195			0.00	3.04	3.04	1.09	35.9%	0.21	6.9%	ew	ew					4	
		5.79	8.84	3.05		ALT CSP		TN-BR alt CSP. Fx coated with OR-RD lim and thin layer of metallic GY mineral-Sx? Very thin, almost powder. Manganese dendrites along Fx and VT. ~40cm almost brecciated Ca-Qz with ample charcoal BK XN with Gn, Sp and pits of lim. Blebbly mineralization followed by dirt/gauge.			Ca	Gn	Sp		5.79	8.84	3.05	C384196			3.04	6.07	3.03	2.20	72.6%	1.35	44.6%	vw	w	6	55	2	3	6	
		8.84	24.48	15.64		FRESH CSP		weak chl alt GRD with lim Fx surfaces. Small, barren VTs (20-80 deg) with alt EN. 10 cm TN-BR alt GRD. Directly below zone Fx has SIDERITE (cleavage correct!) with metallic grey 'bulbous' very fine Sx mineralization. Very weak XT with Py blebs.	ser			sid	Py		8.84	11.89	3.05	C384197			6.07	7.92	1.85	1.78	96.2%	0.52	28.1%	vw	w	9	40	3	4	6	
								Occasionally very thin <1mm Ca VT with He at 80 deg. Fx surfaces OR-YW carbonate, limonite or very well formed siderite. From 15-15.24m very lim rich zone-lots of rubble.					He		11.89	15.24	3.35	C384198			7.92	9.14	1.22	1.06	86.9%	0.70	57.4%	mw	w	11	35	3	4	7	
								15.24-24.48m same rock but with less Py (n-) and very weak Fx coating.												9.14	12.19	3.05	2.91	95.4%	2.68	87.9%	sw	ms	4	60	2	2	10		
		24.48	25.48	1		SODIC CSP		1m zone of very BR-OR limonite altered sodic CSP. Fractured intensely, minor amounts of very weak, silver Sx-Mo? On Fx. Typical dark GY, fresh CSP (minor ser alt of Bi). Moderately to strongly magnetic. Up to 20 cm XN of FG dyke as <5cm circular inclusions. Weak to 1 lim on Fx at 40 deg. Barren.						24.48	25.28	1.00	C384199			12.19	15.24	3.05	2.79	91.5%	2.48	81.3%	sw	ms	5	35	3	2	9		
		25.48	44.96	19.48		FRESH CSP		Clast supported ppy with XN of matrix supported ppy within it. Fine XN and occasional Ca/Qz VT.						25.28	28.53	3.25	C384200			15.24	18.29	3.05	2.85	93.4%	2.85	93.4%	sfr	ms	4	40	3	3	10		
		28.43	41.98	13.55		C.S.P								28.43	31.82	3.39	C384451																		
														31.82	35.21	3.39	C384452																		
														35.21	38.60	3.39	C384453																		
														38.60	41.91	3.31	C384454																		
								41.91-44.96m sample of chl alt CSP taken to be the 'upper country rock package' about the unit described below.						41.91	44.96	3.05	C384201			18.29	21.34	3.05	2.81	92.1%	2.65	86.9%	fr	ms	5	65	2	2	11		
		44.96	54.56	9.6		DYKE		Very FG DIO dyke. Fine (<1m) Ca VT barren at 60 deg with GR alt Ca VTs opp direction 35 deg. Little VT with cryptic He. Lim coated Fx at 1/4 turn, opposite direction 45 deg. No mineralization. 10cm zone of lim-rich rubble with coating of silver-grey, soft/friable coating with BK scratch and streak. End of interval has 0.75cm Ca VT with He blebs. Matrix of dyke not mineralized. REP TAKEN.			He			44.96	47.70	2.74	C384202			21.34	24.38	3.04	3.06	100.7%	2.85	93.8%	fr	w	5	50	3	3	12		
								47.70-51.13m DIO dyke sample has shallow (20) Ca VT with Jasper (doesn't scratch) and Py in them. Pale GR EN around VTs. Rare lim filled Fx.				Jas	Py		47.70	51.13	3.43	C384203			24.38	27.43	3.05	2.90	95.1%	2.15	70.5%	mw	w	5	45	2	3	10	
								51.13-54.56m same dyke unit with weak Ca VT and associated Jasper. Small 12cm zone of bleached Qz/Ca VT (2 cm) with disseminated Py. Minor lim on Fx.				Ca	Qz	Js	Py	51.13	54.56	3.43	C384204			27.43	30.48	3.05	3.08	101.0%	2.85	93.4%	sw	ms	7	45	3	3	10

PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS			
	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier				From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		
																								(m)	Percent	(m)	Percent									
			54.56	63.25	8.69		ALT CSP		Start of interval is slightly ble-likely due to Qz/Ca VTs (and contact metamorphism-hydrothermal alteration). Fx rarely lim rich. Dom Fx 45-60 deg. XN of FG DIO dyke (8cm) Fx typically unminz.				54.56	57.61	3.05	C384205			30.48	33.53	3.05	2.96	97.0%	2.53	83.0%	fr	s	3	55	3	2	10				
									57.61-60.43m same as previous sample but with less VTs.				57.61	60.43	2.82	C384206			33.53	36.58	3.05	2.88	94.4%	2.67	87.5%	fr	w	2	40	4	3	12				
									60.43-63.25m interesting zone at bottom of interval. Zones of intense ble and also Fx. Country rock barren byt 2x40cm zones of strong limonite, BK Sx, BORNITE! (peacock irredescence very noticable) On Fx surfaces but not overly abundant. Bottom contact looks as though it could be in an area of brecciation although core only has one angular clast (4cm by 2.5cm)			Bo	60.43	63.25	2.82	C384207			36.58	39.62	3.04	3.15	103.6%	3.09	101.6%	fr	ms	1	35	3	3	12				
			63.25	67.97	4.72		Kf GRANITE		Non-magnetic, 15-20% Bi, MG GR-GY GRANITE, quite silicified, weak Ca VTs with He, Sp and Py blebby in matrix. VTs have small dark GR alt EN. 14cm FG dyke XN-50deg upper contact, 40 deg lower contact.				63.25	65.61	2.36	C384208			39.62	42.67	3.05	3.00	98.4%	3.00	98.4%	sw	ms	1	30	1	2	13				
												65.61	67.97	2.36	C384209			42.67	45.72	3.05	3.07	100.7%	2.97	97.4%	fr	ms	2	35	3	2	13					
			67.97	71.32	3.35		ALT GRANITE		Top 12 cm is very bright GR chl alt GRANITE with OR-BR alteration. Rock is very silicious and has an overall PK-OR colour-due to alteration or hydrothermal fluids? Mzn consists of rhombic Sp with He/Jasper (sometimes it scratches, sometimes it won't). Odd pastel-OR, weak mineralization. Weak VT @65deg. REP sample taken.				67.97	71.32	3.35	C384210			45.72	48.77	3.05	2.68	87.9%	2.63	86.2%	sw	ms	1	45	2	2	13				
									50cm dyke XN within sample-barren but has weak lim Fx. End of interval has slight increase in Sp. Bottom contact very abrupt. I feel that the drillers dropped/F-ed up this especially since it's right at the end of a 10' run.									48.77	51.82	3.05	2.91	95.4%	286.00	9377.0%	fr	w	5	45	1	2	10					
			71.32	75.46	4.14		FRESH CSP		CSP with rare XN of FG dyke. Dom Fx at 45 deg weak OR coating.	pot			71.32	75.46	4.14	C384455																				
			75.46	79.42	3.96		ALT CSP		Bleached, moderately silicified CSP M-h Ca VTs-STW with dom Py mzn. Rare Fx will be PU-stained. Incr in chl and epi (small stringers) with Py having OR haloes.	phy			75.46	79.42	3.96	C384211			0.00	57.91	57.91	3.04	5.2%	281.00	485.2%	fr	ms	3	40	4	3	11				
									At 76.52m rock becomes more friable and pitted. Sx amount increases-Py. Sp as up to 1cm semi massive bands with Ca VTs as blebs. Still with rare epi XT <3mm. Sp and Py dominant Sx with t-w Gn present in bands (60 and 20 deg) STW.	phy		Py Sp Ca Gn																								
			79.42	83.54	4.12		CLY/GAUGE		Range/variety of colours (GY-PK-TN-BR) gauge and rock mixture. The PK is most coherent, GY and BR clay/rock has 'pocky' texture surface. No vis mineralization. Med GY gguge is the 'smoothest' of all.				79.42	83.54	4.12	C384212			57.91	60.96	3.05	2.91	95.4%	2.79	91.5%	sw	ms	2	40	2	3	12				
													BLANK			C384213																				
			83.54	95.43	11.89		ALT CSP		Pale FR ser-chl alt, bleached CSP with incremental zones of very BR-TN alteration and weathering.				83.54	86.51	2.97	C384214			60.96	64.01	3.05	2.89	94.8%	2.48	81.3%	sw	s	4	50	3	3					

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LITHOLOGY								Notes:	ALT.		MINERALS				SAMPLES						Blocks			GEOTECHNICAL								JOINTS					
Type	Struct. Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier							From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage	
																										(m)	Percent	(m)	Percent								
									Small mafic ST and Fx lined with dendritic BK Sx-where present BR alteration EN increases. Overall t mineralization. Starting at 93.60m more FG-bleaching occurs. Samples to give value for phyllic alteration, w un mineralized rock. Minor lim on Fx with metallic GY-flexible/weak sheen.							86.51	89.48	2.97	C384215				64.01	67.06	3.05	3.091.48	#VALUE!	3.04	99.7%	fr	ms	3	45	3	3	11	
																89.48	92.45	2.97	C384216				67.06	68.58	1.52	1.48	97.4%	1.44	94.7%	fr	s	8	50	3	3	9	
																92.45	95.43	2.98	C384217				68.58	71.63	3.05	2.76	90.5%	2.64	86.6%	fr	s	7	40	3	3	10	
		95.43	97.87	2.44		FG GRANITE			same GRANITE as usual but Bi XT are <3mm and appear more abundant. Minor Ca VTs and lim alt on Fx.						95.43	97.87	2.44	C384218				71.63	73.15	1.52	1.57	103.3%	1.52	100.0%	fr	ms	4	35	3	2	11		
									Epidote altered CSP with zones of TN-BR alteration and sil of GRD with MG Bi XT. Zones of very ble rock with minor VT of BK STW. No matrix/disseminated mineralization.	chl		Bi	He	Js?																							
		97.87	106.10	8.23		ALT CSP									97.87	102.46	4.59	C384456				73.15	76.20	3.05	2.98	97.7%	2.36	77.4%	sw	ms	6	45	2	3	11		
		97.87	102.45	4.58		ALT Kf Granite			Epidote altered Kf Granite with OR Fxs.																												
									Broken BR-alt rubble. No mineralization. T, t He/Jasper? XT within pale MG CSP. REP OF ALT AT 100.30m																												
		102.45	104.85	2.4		FRESH Kf Granite			Dominantly Fresh Kf Granite-no OR-BR alteration						102.46	104.85	2.39	C384457																			
		104.85	108.51	3.66		ALT GRANITE			Start of very OR-BR iron carbonate altered Granite. Rubbly for 0.75m of the interval, then back into fresh						104.85	108.51	3.66	C384458																			
		106.10	112.30	6.2		GRANITE			pale GR-GY, Bi rich GRANITE with rare small He blebs. Ca VT with t Py (35) small dark GR alt EN. Non-magnetic.																												
		108.51	112.01	3.5		FRESH Granite			Fresh granite with 0.5m at end of smple-epidote alt GR.						108.51	112.01	3.50	C384459																			
		112.01	115.70	3.69		FRESH Granite			Epidote altered, minor sil granite with thin Ca Fx-6" sections of Kf Granite.						112.01	115.70	3.69	C384460																			
		112.30	115.70	3.4		BLE GRANITE			Very chl alt phase of prev GRANITE. Chl alt-very green and zoned in XT. Very rare, fine He mzn. Minor Ca VTs with light lim on some Fx with dendritic manganese (not abundant). 3 patches-25cm-of relatively unaltered GRANITE with w Bi alt. At 118.30m small cave zone. Lower contact at 25 deg.																												
		115.70	121.65	5.95		GRANITE			normal w Bi alt GRANITE with twinned Fd laths partially replaced by chl. Minor He associated with Bi-replacement. Sample to check alteration (50 deg).						115.70	118.67	2.97	C384219				82.30	84.12	1.82	1.83	100.5%	1.34	73.6%	vw	vw	8	50	3	4	9		
															118.67	121.65	2.98	C384220				84.12	87.17	3.05	2.94	96.4%	2.94	96.4%	fr	s	3	50	2	3	12		
		121.65	124.47	2.82		ALT MSP			121.65-123.02m very bleached, sericite altered, siliceous unit with mino lim on Fx. No distinct mineral grains except rare disseminate Py. Mineralization-nil.						121.65	124.47	2.82	C384221				87.17	88.39	1.22	1.29	105.7%	1.29	105.7%	fr	vs	5	45	3	3	10		
									123.02-124.47m pale-medium GR alt CSP. BR Fx coating with carbonate- coating and rare Ca VT. Semi-STW. Minor Py blebs. End of interval very Fx-ed.																												
		124.47	127.51	3.04		ALT CSP			GR-WH MG, sodic and epidote altered CSP. Minor Bi-most not present. Fd grains-very WH. No mineralization but Fx suraces have BR-OR coating and minor voids. Bottom contact irregular. REP TAKEN.						124.47	127.51	3.04	C384222				91.44	93.57	2.13	1.90	89.2%	1.80	84.5%	fr	s	4	30	2	2	11		
		127.51	130.10	2.59		Sodic alt clast			From sodic alt clast supported PPY into epidote clast supported ppy. Minor BR Fx-iron carbonate? Last metre of interval is bleached matrix ppy with BR-Fx-small zone (10cm) of GY VTs with Py.						127.51	130.10	2.59	C384461																			

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Struct.	LITHOLOGY								Notes:	ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier						From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl (m)		Percent		Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness
			127.51	130.10	2.59		ALT GRANITE			pale-medium GR chl alt GRANITE with irregular patches of OR-BR alteration/weathering. Phyllic facies (Granite) Rare He XT. In some areas Bi alt and partial rep with He. Rare deep lim pits towards end of interval becomes more broken.			Bi	He									93.57	95.71	2.14	2.21	103.3%	1.92	89.7%	sw	vs	6	40	3	3	11
			130.10	150.70	20.6		FRESH CSP			Fresh CSP, strongly magnetic. Minor pale OR coated Fx. Hb being replaced. Rare Py blebby mineralization. Hairline Ca VTs-sparse with occasional <1cm Ca VT.													95.71	97.54	1.83	1.87	102.2%	1.87	102.2%	fr	s	2	35	1	2	12
			130.10	134.11	4.01		Fresh M.S.P			Matrix supported, fresh ppy with <1.3cm Hb, t Cp.					130.10	134.11	4.01	C384462																		
			134.11	137.16	3.05		M.S.P			Matrix supported PPY with 1cm Qz VT each with 10" alt packages-epidote bleaching-into iron carbonate					134.11	137.16	3.05	C384463																		
			137.16	139.85	2.69		Fresh C.S.P			Fresh clast supported porphyry, minor VTs with chlorite alteration EN and minor XN of M.S.P and FG-Hb rich dyke.					137.16	139.85	2.69	C384464																		
			139.85	142.69	2.84		C.S.P			Clast supporte porphyry with bleached Fx EN.					139.85	142.69	2.84	C384465																		
			149.50	151.18	1.68		M.S.P			Matrix supported ppy, last 1.5'-pale GY sericite alt.					149.50	151.18	1.68	C384466																		
										From 134.60-136.59m zone of increased ble-sil due to Ca VT? Small XN of FG mafic DIO dyke with Bi replacement and RD-PK tinge He and Bx Sx?												97.54	100.58	3.04	3.01	99.0%	2.36	77.6%	fr	s	6	40	3	3	10	
										Sample is representative of the whole interval												100.58	103.63	3.05	3.06	100.3%	3.00	98.4%	fr	ms	5	45	3	3	13	
										142.69-146.19m hairline Ca VT with He/Jasper (barely scratches). Approximately parallel to c-axis. Larger Ca VT (50-60)-barren. Occasional FG XN.					142.69	146.19	3.50	C384223				103.63	106.68	3.05	2.78	91.1%	2.28	74.8%	mw	w	3	45	3	4	10	
										146.19-149.50m same as previous samples taken to represent rock type for this interval.					146.19	149.50	3.31	C384224				106.68	109.73	3.05	3.01	98.7%	2.85	93.4%	fr	s	3	50	3	3	12	
			150.70	154.57	3.87		ALT CSP			150.70-151.30m Pale to medium GY CSP. Hb and Bi and Fd replacement/alteration. Fx surfaces are a vibrant OR. XN of FG sodic-epidote CSP. Upper contact is represented by a 1 cm Va VT -80 deg to c-axis. Then into GY-WH MG weakly epi alt CSP with t Kf same unit as 124.47 to 127.51m.													109.73	112.78	3.05	2.96	97.0%	2.68	87.9%	sw	ms	5	40	2	2	11
			151.18	154.53	3.35		Alt Granite			Epidote altered Granite with iron carvonate BR Fx. 2x6" Pockets with sodic alteration.					151.18	154.53	3.35	C384467																		
			154.57	158.84	4.27		Kf GRANITE			PK-GY weakly Bi altered GRANITE with rare XN. Ca VT-rare-at 65 deg, t He blebs.	chl		Bi									112.78	115.82	3.04	2.98	98.0%	2.61	85.9%	mw	ms	7	50	3	4	9	
			154.53	158.84	4.31		Fresh Granite			Fresh Kf Granite. 1x 3cm band M.S.P at 75deg.					154.53	158.84	4.31	C384468																		
			158.84	163.90	5.06		ALT CSP			pale GR-GY epi alt CSP with very minor mafic component. Ca VTs sparse. Overall weak mzn. 2mm (65) Qz VT with Py and t Sp. One 10cm Qz flooded zone with Py, Sp, w Gn and metallic GY Sx-non-magnetic. Semi massive-very short section. Rare muscovite ST.			Py	Sp								115.82	118.87	3.05	2.73	89.5%	2.70	88.5%	fr	ms	2	40	3	3	12	
										161.85-163.90m same as prev with increase in OR-BR weathering in country rock and along Fx (60). Weak to no mineralization-very weak disseminated Py.					161.85	163.90	2.05	C384226				118.87	121.92	3.05	2.93	96.1%	2.69	88.2%	fr	ms	5	35	3	4	12	

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LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL								JOINTS						
Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage									
																				(m)	Percent	(m)	Percent																
		163.90	165.78	1.88		ALT MSP			pale GY, very ble and silicified alt MSP. Vague outlines of replaced Hb and mica visible. Pale WH. Unit is weakly Fx-ed with hairline <3mm BR EN. Small BK Sx disseminated in rock-BK scratch-no reaction to HCL and nail test. Odd 1.3 cm Qz VT with disseminated Py-blebby (<2cm) and Sp and Gn coexisting in 2mm hairline VT (50). End of interval-70cm section of ble GRD-transition into next unit. Ca VT (55) more abundant.	ble	sil		BK Sx	Py	Sp		163.90	165.78	1.88	C384227					121.92	124.37	2.45	2.47	100.8%	1.89	77.1%	sw	w	7	30	3	2	10	
																	124.37	127.41	3.04						124.37	127.41	3.04	3.02	99.3%	3.02	99.3%	fr	ms	4	45	4	3	12	
		165.78	173.17	7.39		FRESH CSP			Dark GY Fresh CSP. Strongly magnetic with weak Bi alteration. Occasionally XN of FG dyke. Magnetic also. 2x20cm zones of alt CSP with minor ble associated with small Qz VT (80) with t Py and Sp.	pot							165.78	169.48	3.70	C384228					127.41	130.15	2.74	2.85	104.0%	2.24	81.8%	sw	ms	7	50	3	4	10	
																	169.48	173.17	3.69	C384229					130.15	131.06	0.91	0.82	90.1%	0.78	85.7%	fr	ms	2	40	3	3	11	
		173.17	176.63	3.46		TRANSITIONA			173.17-174.96m transitional zone of ble, alt CSP. Minor BR-coated VTS with chl-Bi-musc alteration.								173.17	176.63	3.46	C384230					131.06	134.11	3.05	2.87	94.1%	2.81	92.1%	fr	ms	4	40	1	3	12	
						ALT CSP			At 174.96m core is cut by a large cavity filled with bladed calcite XT (30). From 174.96-176.63m (Phylic)																134.11	136.55	2.44	2.50	102.5%	2.16	88.5%	sw	w	5	45	2	3	10	
		176.63	179.37	2.74		ALT CSP			MG GY-WH sodic-epidote altered CSP with rare pale OR alt Fd. Unit is interfingered with silicious zone described about. No visible mineralization. Phyllic zone.								176.63	179.37	2.74	C384231					136.55	139.60	3.05	3.05	100.0%	2.99	98.0%	fr	w	3	40	3	4	12	
		179.37	186.84	7.47		FRESH CSP			Moderately magnetic. Up to 1cm Hb XT. Rare blebs of He. Minor med GR alt EN on Ca VTs. He associated with VTs-t.			He					186.84	190.20	3.36	C384232					139.60	142.65	3.05	2.92	95.7%	2.74	89.8%	fr	ms	4	35	4	3	12	
		179.37	183.49	4.12		M.S.P			Matrix supported ppy with small zones of ser alt and ble as Hb XT and bleaching around Qz VT. Small XN of very fine grained dyke.								179.37	183.49	4.12	C384469																			
		183.49	186.84	3.35		M.S.P			Matrix supported ppy with FG Hb-rich dyke XN. Minor sericite halo around VTs.								183.49	186.84	3.35	C384470																			
		186.84	193.55	6.71		ALT CSP			Bleached CSP intermixed with very small zones of fresh CSP. Ca VTs (65) associated with Py, Sp, and t Gn-2mm-rare. Definitely epidote altered muscovite XT present. Sparse. Matrix ranges from nil to trace disseminated Py. At 45 deg VT 3mm with Py, Sp and Gn localized. Minor DR EN associated with rare Fx. Samples mainly of alt package.								190.20	193.55	3.35	C384233					142.65	144.78	2.13	1.88	88.3%	1.64	77.0%	sw	s	6	25	2	3	10	
		193.55	195.07	1.52		ALT CSP			WH-GY MG DIO. Sodic and epidote CSP. Weak chl alt with small zones of abundant OR Fx. No mineralization.								193.55	195.07	1.52	C384234					144.78	147.83	3.05	2.97	97.4%	2.90	95.1%	fr	s	5	45	3	2	12	
		195.07	198.18	3.11		ALT CSP			GR-GY chl alt sil CSP with muscovite and micro Fx lined with dark GY-BK Sx(?). Minor BR lined Fx. Quite Fx-ed rock, muscovite and Hb most abundant (not bleached!)								195.07	198.18	3.11	C384235					147.83	149.35	1.52	1.65	108.6%	1.43	94.1%	fr	ms	3	55	2	2	11	
		198.18	201.93	3.75		RUBBLE			Rubble zone-dom rock pieces are same as previous. BR-TN-GY alteration. Last metre is more coherent with disseminated Py. Thin GY-Sx lined Fx. Small areas with Qz eyes and minor ble.								198.18	201.93	3.75	C384236					149.35	152.40	3.05	3.07	100.7%	3.07	100.7%	fr	w	4	35	3	3	12	
		201.93	208.79	6.86		DYKE			201.93-205.36m TN-GY very weakly chl alt dyke Minor zones of ble surrounding Ca VTs. Mineralization is poor-t Py only.								201.93	205.36	3.43	C384237					152.40	155.45	3.05	2.59	84.9%	2.12	69.5%	sw	w	6	40	3	4	11	

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Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS						
	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier				From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Brelage		
																								(m)	Percent	(m)	Percent									
																							195.07	196.60	1.53	1.27	83.0%	0.88	57.5%	mw	w	10	45	4	4	8
			230.74	232.89	2.15		C.S.P						230.74	232.89	2.15	C384472																				
			232.87	243.89	11.02		GRD															196.60	197.21	0.61	0.57	93.4%	0.26	42.6%	mw	vw	10	35	4	3	7	
			232.89	235.92	3.03		Fresh C.S.P						232.89	235.92	3.03	C384473																				
			235.92	240.60	4.68								235.92	240.60	4.68	C384474																				
			240.60	243.84	3.24								240.60	243.84	3.24	C384475																				
													235.92	238.35	2.43	C384249							197.21	198.73	1.52	1.46	96.1%	0.77	50.7%	mw	vw	12	45	4	3	7
			243.87	245.39	1.52		TN-GY Dyke																													
			245.43	248.78	3.35		C.S.P						245.43	248.78	3.35	C384477																				
			248.78	251.52	2.74		C.S.P						248.78	251.52	2.74	C384478																				
			245.39	249.78	4.39		FRESH CSP																													
			248.78	251.52	2.74		C.S.P						248.78	251.52	2.74	C384478																				
			249.78	252.98	3.2		TRANSITIONA																													
			251.52	252.09	0.57		Alt C.S.P						251.52	252.09	0.57	C384479																				
			252.09	282.55	30.46		ALT CSP						252.09	256.79	4.70	C383250							203.91	206.65	2.74	3.03	110.6%	2.90	105.8%	fr	w	5	30	4	4	11
													256.79	259.84	3.05	C384251							206.65	209.70	3.05	2.83	92.8%	2.55	83.6%	fr	ms	6	35	2	2	12
													259.84	263.35	3.51	C384252							209.70	212.75	3.05	2.93	96.1%	2.93	96.1%	fr	s	5	40	3	3	13
													263.35	265.79	2.44	C384253							212.75	215.80	3.05	3.06	100.3%	2.53	83.0%	fr	ms	5	35	4	2	12
							ALT MSP						265.79	268.59	2.80	C384254																				

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LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS						
Struct.	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier						From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage	
																										(m)	Percent	(m)	Percent								
										265.79-271.67m much paler GR, chl-musc alt CSP with rare Ca VT (15-25deg). <5mm hairline micro-ST with Py and dark Sx (?) t-w. Py dominant. Sx content is low. Small TN silicified zones. WH-non calcareous coating on Fx surfaces.						268.59	271.67	3.08	C382355				215.80	221.89	6.09	2.94	48.3%	2.64	43.3%	mw	ew	6	45	4	3	9	
										271.67-276.00m medium to coarse grained pale GY to LT OR, Kf-rich, fec and epi CSP. XT are up to 6mm. Micro ST-STW and Py replacing Bi in spots. Kf, alt Fd, muscovite, and Bi alteration are all present. Very fine micro-Fx with Py, fine BK Sx, Sp and t Gn-the density of these increases towards the end of the sample.													221.89	222.20	0.31	0.29	93.5%	0.00	0.0%	mw	ew			5	3	4	
										276.00-277.67m Dark GY, w epi alt MD GR alt CSP. Fd grains very noticeable. Crackle-textured with very fine micro Fx and STW lined with mafic Sx. One 2cm zone of semi massive Py. Sp and m Gn associated with the Ca VTS.							276.00	277.67	1.67	C384257				222.20	225.25	3.05	2.94	96.4%	2.78	91.1%	mw	ew	8	50	4	3	10
										277.67-280.29m First half of the interval is ble CSP with rare mafic VT, other half is medium GY with weak Ca VTs cutting GRD. Overall mineralization is not good.							277.67	280.29	2.62	C384258				225.25	228.30	3.05	3.11	102.0%	2.59	84.9%	sw	vw	6	50	3	3	10
										280.29-282.55m Final sample in very long transition zone! Moderate to strong epi, muscovite, and BR-alt fec alt CSP. STW mineralization of Py, Sp and t Gn. Semi massive 2cm band at 70 deg. Py with w-t Sp and t Gn.							280.29	282.55	2.26	C384259				228.30	231.34	3.04	2.91	95.7%	2.42	79.6%	fr	ms	5	40	3	3	11
			282.55	289.86	7.31		FRESH CSP			Moderately magnetic, Bi altered GRD. Small zones of ble (from Ca VTs). Absence of micro ST/Fx and mineralization in general. Chl Kf-alt clast supported ppy. No XN-rare hairline Fx.							282.55	285.51	2.96	C384480				231.34	234.39	3.05	3.07	100.7%	2.65	86.9%	fr	w	5	45	3	2	12
			282.55	285.51	2.96		Chl-Kf C.S.P			Strong chl alt C.S.P with small zones of fresh C.S.P. Poorly Fx-VT. Small FG XN. Sericite altered zones around Ca VTs							285.51	288.60	3.09	C384481																	
			285.51	288.60	3.09		Str Chl Alt C.S.			(density has increased)							288.60	291.46	2.86	C384482																	
			288.60	291.46	2.86		Alt C.S.P			Sericite altered zones around Ca VTs (density has increased)							288.60	291.46	2.86	C384482																	
			288.60	291.46	2.86		Alt C.S.P			Ser chl alt clast supported ppy							288.60	291.46	2.83	C384483																	
			291.46	294.29	2.83		Alt C.S.P.										291.46	294.29	2.83	C384483																	
			294.29	297.18	2.83		M.S.P			Chl alt matrix supported ppy. Fd-alt main XT. Heavy chl on Fx. Small (6") zones of ser around Ca VTs. Fine Py disseminated.							294.29	297.18	2.89	C384484																	
			289.86	297.18	7.32		TRANSITIONAL			Incredibly varied, very small sections of light and dark alteration/phases of CSP. Moderate to strong ser alteration and weak to moderate chlorite alteration with zones of bleaching. Mineralization is insignificant in this zone.																3.04	99.7%	2.78	91.1%	fr	ms	6	40	3	2	12	
			297.18	298.70	1.52		FRESH CSP			Fresh CSP with t-w Ca VTs.																2.84	93.1%	2.33	76.4%	fr	ms	3	35	3	3	12	

PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS						
Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breitage										
																				(m)	Percent	(m)	Percent																	
		298.70	301.90	3.2	ALT MSP				Moderate sericite alteration of matrix supported porphyry. Small zones of bleaching associated with rare VTs. Py disseminated with t, t Gn. Small zones of fresh porphyry and minor sauceritization (almost teal altn of Fd) of Fd. Micro VT of dark Sx and 70 deg. 2cm zone/band of Py rich mineralization with Sp, other BK Sx and t Gn. Small zone of breccia with Py and BK Sx coexisting as fine disseminations.							298.70	301.90	3.20	C384260						240.49	240.80	0.31	3.30	1064.5%	0.11	35.5%	fr	w	4	40	2	2	5		
																BLANK			C384261							240.80	243.84	3.04	2.72	89.5%	2.61	85.9%	sw	ms	7	55	1	2	10	
		301.90	309.37	7.47	FRESH MSP				Primarily fresh, matrix supported porphyry. Small 8" bleached-sericite altered zones. Qz VTs all have chl altn EN. Sparse disseminated Py within ser-alt porphyry. Py and t Sp in odd VT.							301.90	305.64	3.74	C384262							243.84	246.89	3.05	2.97	97.4%	2.71	88.9%	fr	w	4	40	3	3	13	
																305.64	309.37	3.73	C384263							246.89	249.94	3.05	2.96	97.0%	2.56	83.9%	fr	w	7	50	3	2	10	
		309.37	312.72	3.35	ALT CSP				Moderately silicified sericite-chlorite altered, clast supported ppy with w-m Qz VT. Very small zone of sodic, Kf-altered and sauceritized Fd XT. Net-fingering of hairline chlorite typically irregular blebs of Py with rare VTs.							309.37	312.72	3.35	C384264							249.94	252.98	3.04	2.78	91.4%	2.43	79.9%	fr	w	8	50		2	11	
		312.72	315.40	2.68	ALT MSP				First metre is chlorite rich, fine grained, silicified pophyry then into epidote altered, clast supported porphyry with weak Py and t Sp. VTS for 30 cm in more Fx-ed zone mid sample.							312.72	315.40	2.68	C384265							252.98	256.03	3.05	2.98	97.7%	2.76	90.5%	fr	ms	5	35	2	2	12	
		315.40	316.84	1.44	DYKE				very FG mafic dyke. M-s magnetic with pale alteration EN. Bleached for 4" at both ends.							315.40	316.84	1.44	C384266							256.03	259.08	3.05	2.91	95.4%	2.71	88.9%	fr	ms	4	50	3	2	12	
		316.84	320.95	4.11	ALT CSP				Epidote-sericite altered, clast supported porphyry with rare chl on Fx surface. Small Py rich VT-4 over 40cm-80 deg. Rare hairline dark ST. NOTE: xenolith of sericite-altered clast supported porphyry with chlorite stringers-4cm.							316.84	320.95	4.11	C384267							259.08	262.13	3.05	2.99	98.0%	2.57	84.3%	fr	w	8	40	2	2	10	
									*****EHO*****																		262.13	265.17	3.04	2.89	95.1%	2.15	70.7%	mw	ew	12	50	2	1	11
																											265.17	268.22	3.05	2.93	96.1%	2.76	90.5%	sw	s	7	45	2	2	11
																											268.22	271.22	3.00	2.97	99.0%	2.66	88.7%	fr	w	4	35	3	3	12
																											271.22	274.32	3.10	2.96	95.5%	2.50	80.6%	fr	w	6	40	3	3	10
																											274.32	276.76	2.44	2.25	92.2%	1.96	80.3%	mw	vw	8	55	3	3	9
																											276.76	277.37	0.61	0.68	111.5%	0.56	91.8%	fr	w	11	45	3	3	10
																											277.37	280.42	3.05	2.45	80.3%	2.38	78.0%	fr	ms	5	40	3	2	12
																											280.42	283.46	3.04	3.08	101.3%	2.91	95.7%	fr	ms	4	35	2	2	12
																											283.46	286.51	3.05	3.05	100.0%	2.99	98.0%	fr	ms	1	55	3	3	15
																											286.51	289.56	3.05	2.89	94.8%	2.62	85.9%	fr	ms	3	45	2	3	13
																											289.56	292.61	3.05	3.03	99.3%	2.69	88.2%	fr	ms	6	50	3	2	12
																											292.61	295.66	3.05	2.96	97.0%	2.63	86.2%	fr	w	8	35	2	2	11
																											295.66	298.70	3.04	2.91	95.7%	2.73	89.8%	fr	ms	7	40	2	1	11
																											298.70	300.53	1.83	1.94	106.0%	1.55	84.7%	sw	vw	6	35	3	2	10
																											300.53	303.28	2.75	2.91	105.8%	2.63	95.6%	fr	vw	5	45	3	3	13
																											303.28	304.80	1.52	1.39	91.4%	1.25	82.2%	fr	w	3	40	2	2	12
																											304.80	307.85	3.05	3.07	100.7%	3.07	100.7%	fr	w	2	45	3	3	13
																											307.85	310.90	3.05	3.05	100.0%	2.93	96.1%	sw	w	2	50	4	3	13
																											310.90	313.94	3.04	3.05	100.3%	2.69	88.5%	sw	vw	5	40	3	3	12
																											313.94	316.99	3.05	2.90	95.1%	2.36	77.4%	sw	w	8	40	2	2	11
																											316.99	318.82	1.83	1.77	96.7%	0.96	52.5%	sw	ms	12	55	2	2	8
																											318.82	320.95	2.13	2.05	96.2%	1.66	77.9%	fr	ms	10	55	3	2	8
																											320.95		-320.95			0.0%		0.0%						

PROJECT

PROPERTY: IDAHO CREEK

Easting	Northing	Elev.	Depth (m)
		1202	

HOLE: ID-07-03

Contractor: BEAUDOIN DIAMOND DRILLING
Drill:

Core size: BTW
Cassing depth: 15.24 (m) in/out

Drilling dates: JULY 1-

Logged by: HEATHER SMITH

Target: _____

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

[illegible]

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS	

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS							
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC	RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage										
																					(m)	Percent								(m)	Percent								
		0.00	13.37	13.37		C.S.P			medium grained, clast supported porphyry with 2cm FG clasts. XN of matrix supported PPY (13cm) with 80 and 70 deg contact angles. Rare Ca VT with He. Small ser halos around VT.	ser						0.00	13.37	13.37	C384268						2.13	3.35	1.22	1.00	82.0%	0.65	65.0%	mw	w	10	65	2	3	7	
		13.37	15.93	2.56		ser C.S.P			upper contact angle ~30 deg. Weakly ser altered clast supported porphyry with minor Qz VT and thin chl alt En.				13.37	15.93	2.56	C384269									3.35	6.10	2.75	2.68	97.5%	1.89	70.5%	fr	ms	6	40	2	2	9	
									From 13.91-15.51m Fresh clast supported ppy with FG XN.																6.10	9.14	3.04	2.79	91.8%	2.15	77.1%	fr	ms	6	55		2	10	
									15.51-15.93m very OR iron carbonate altered ppy with dendritic manganese XT of moderate abundance. 6mm thin, very pale pistacho green band-weak (?)																9.14	12.19	3.05	3.03	99.3%	2.31	76.2%	sw	w	7	50	2	2	9	
		15.93	19.55	3.62		ALT GRANITE			TN-GR epidote and iron-stained GRANITE. Fx primarily EN in BR-OR 3mm EN. Rare zones of fresh Kf-granite.				15.93	19.55	3.62	C384270									12.19	15.24	3.05	2.92	95.7%	2.28	78.1%	mw	ms	8	40	4	3	10	
		19.55	20.71	1.16		C.S.P			Top 50cm very FG-silicious BR-OR alt ppy. Becomes more Fe stained with rare BK manganese VTs. End of interval (last 6") becomes epidote altered. Followed by an intense zone of rubble/cave?				19.55	22.18	2.63	C384271									15.24	18.29	3.05	3.07	100.7%	3.02	98.4%	sw	vw	6	40	3	3	12	
		20.71	22.18	1.47		CAVE																			18.29	21.34	3.05	3.00	98.4%	2.54	84.7%	sw	w	7	40	5	3	12	
		22.18	25.91	3.73		M.S.P			Fresh matrix supported ppy with weak chl alteration of Bi and Hb. 2X 6-20cm intervals of epidote-iron alteration around thin Ca VT. Much darker, FG dyke XN with t Cp. Dyke cuts 70 and 75.				22.18	25.91	3.73	C384272									21.34	24.38	3.04	2.96	97.4%	2.62	88.5%	mw	w	7	35	2	3	9	
		25.91	28.56	2.65					Dominantly BR altered, fine matrix supported ppy with Fx at 25 deg. 1x40cm interval of fresh ppy. Both Hb and Bi XT iron carbonate				25.91	28.56	2.65	C384273									24.38	27.43	3.05	2.99	98.0%	2.57	86.0%	fr	ms	7	35	3	3	12	
		28.56	50.76	22.2		FRESH C.S.P			Fresh, moderately chl alt, clast supported ppy. Fx lined with OR-alteration and minor manganese. Small, angular XN of Hb-rich FG intrusive.				28.56	31.71	3.15	C384274									27.43	30.48	3.05	3.00	98.4%	2.65	88.3%	fr	w	8	45	5	2	11	
									From 36.36-38.10m very FG, magnetic dyke. Rare blebs of Py and in one place Py and Cp XT present. Small cave zone at end of interval.				31.71	35.51	3.80	C384275									30.48	33.53	3.05	2.98	97.7%	2.30	77.2%	mw	ms	5	35	2	2	12	
													35.51	39.30	3.79	C384276									33.53	36.58	3.05	3.07	100.7%	2.63	85.7%	sw	ms	5	45	1	2	10	
									Fresh, weakly chl alt clast supported ppy. Fd XT are more distinct and Hb is more chl altered than Bi.				39.30	43.27	3.97	C384277									36.58	39.62	3.04	2.91	95.7%	2.46	84.5%	fr	ms	6	45	3	3	11	
									From 47.84-50.76m Kf XT become visible in C.S.P				43.27	47.24	3.97	C384278									39.62	42.67	3.05	2.94	96.4%	2.34	79.6%	fr	ms	6	50	2	3	12	
		50.76	54.23	3.47		M.S.P			Breakages of rock become much more abundant. Transition of unit from clast to matrix supported ppy, w-m chl alt of Bi																42.67	44.50	1.83	1.50	82.0%	1.21	80.7%	fr	ms	4	55	3	2	11	
									From 51.60-53.15m BR iron carbonate alteration. Trace Py mineralization-disseminated. Iron carbonate Fx and VTs.																44.50	45.72	1.22	1.30	106.6%	1.09	83.8%	sw	ms		4	55	3	3	10
		54.23	55.59	1.36		ALT C.S.P			Weak chlorite and iron carbonate altered clast supported ppy. Weakly disseminated Py flecks. Mod Fx.																45.72	47.24	1.52	1.23	80.9%	0.66	53.7%	mw	ms	5	50	4	2	11	

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS			
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage					
																				(m)	Percent	(m)	Percent												
		55.59	68.14	12.55	FRESH	C.S.P			Fresh, moderately chlorite altered clast supported ppy. 6cm dyke of very VG Bi and Hb with trace Py and n-t Cp. 80-85deg contact angles. Fe carbonate coated VT cuts both ppy and FG dyke. Very fine stringers of He. Almost no VTs or Fx's.								47.24	50.29	3.05	2.85	93.4%	2.46	86.3%	fr	ms	6	50	5	3	8					
									At 64.01m minor manganese nodules on OR-Fx surface. Followed by a 6" zone of chl (and ser alt of Bi) matrix supported ppy-XN? Trace As.								50.29	51.82	1.53	1.41	92.2%	0.65	46.1%	sw	ms	9	45	3	2	9					
		68.14	71.46	3.32	ALTERED	M.S.			chl-iron carbonate altered, matrix supported ppy. Thin (2mm) Ca VTs with blebs of Py, Sp and t Gn. In ppy itself, very fine-weakly disseminated t Py and Cp. Last 0.86m of the interval is very blocky. Iron carbonate altered (w epidote) matrix supported ppy.		68.14	71.45	FALSE	C384279			51.82	54.86	3.04	2.70	88.8%	1.16	43.0%	mw	ms	9	35	3	2	10					
		71.46	84.99	13.53	FRESH	M.S.P			Fresh matrix supported ppy with rare hairline Ca VTs-chl alt EN associated with them. Fine Jasper (? Could be He but requires a lot of force to scratch) in hairline Fx.		71.46	75.06	3.60	C384280			54.86	57.91	3.05	2.98	97.7%	2.59	86.9%	fr	w	6	45	2	2	12					
									From 76.07-76.71m small zone (XN?) of chl alt BR-altered, clast supported ppy. Trace Cp blebs-rare in very fine matrix.		75.06	78.66	3.60	C384281			57.91	60.96	3.05	2.87	94.1%	2.43	84.7%	sw	ms	7	45	2	2	11					
									83.30-83.45m XN of clast supported ppy. To 84.99m rock is very chl altered with occasional BR-lined FX. Small XN of very FG Hb-rich intrusive. Small flecks of As.		78.66	81.83	3.17	C384282			60.96	64.01	3.05	2.95	96.7%	2.95	100.0%	fr	ms	9	50	1	2	10					
											81.83	84.99	3.16	C384283			64.01	67.06	3.05	3.05	100.0%	2.82	92.5%	fr	ms	3	45	2	2	12					
		84.99	94.24	9.25	FRESH				Sharp but irregular contact into fresh Kf Granite. Small pockets of epidote altered Granite with iron carbonate Fx coating and OR-BR alt envelopes around thin VTs. Small, irregular blebs of He with red halo.		84.99	88.07	3.08	C384284			67.06	70.10	3.04	2.89	95.1%	1.96	67.8%	mw	w	6	35	2	2	10					
						Kf GRANITE					88.07	91.15	3.08	C384285			70.10	73.13	3.03	2.78	91.7%	1.40	50.4%	fr	ms	3	50	3	3	12					
											91.15	94.24	3.09	C384286			73.13	76.20	3.07	2.95	96.1%	2.31	78.3%	fr	ms	5	55	5	3	11					
											BLANK			C384287			76.20	79.25	3.05	2.82	92.5%	2.43	86.2%	sw	ms	6	55	3	3	12					
		94.24	103.50	9.26	ALT	GRANITE			First 1.32m is very blocky-BR-OR, mananese and epidote altered Granite. Small dark GY ST-low density. No visible Sx. Then into very epidote rich OR-BR Fx EN. Sparse mineralization. Muscovite and chl alteration increases towards end of interval in sample '289. ~40cm of fresh Kf Granite.		94.24	97.25	3.01	C384288			79.25	82.30	3.05	2.73	89.5%	1.66	60.8%	sw	ms	8	55	3	3	11					
											97.25	100.41	3.16	C384289			82.30	83.82	1.52	1.66	109.2%	0.94	56.6%	mw	s	10	45	2	3	10					
											100.41	103.50	3.09	C384290			83.82	85.34	1.52	1.20	78.9%	1.60	133.3%	fr	s	5	35	3	3	11					
		103.50	114.64	11.14					*start of main zone of mineralization. 60deg contact from coherent rock above into pale WH-GR gauge of clast supported ppy.(top 68cm gaguy with m Py, w Sp, t Gn. Definite epidote altered, crackle-texture zone with fine Sx disseminated throughout and rare zones of very concentrated Py, Sp and Gn. Minor As.		103.50	105.06	1.56	C384291			85.34	88.40	3.06	2.91	95.1%	2.35	80.8%	fr	s	8	30	3	3	12					

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier					From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		
																								(m)	Percent	(m)	Percent									
									At 105.06m Iron carbonate alteration of Fd increasing. Crackle texture with epidote alteration strong. Brittle rock, Sx-Py disseminated.					105.06	108.39	3.33	C384292				88.40	91.44	3.04	2.99	98.4%	2.55	85.3%	fr	w	5	30	2	3	12		
									108.39-111.30m overall more GY appearance. Top gague with epidote-iron alteration followed by 12" breccia zone (.5 jigsaw fit texture, .5 hydrothermal alteration-flushed breccia) with iron carbonate clasts. Mineralization-Py disseminated and VTs. 3X 1-3cm bands of very dark GY Sx smudge? 50 deg lower contact-into GY-GR alteration clast supported ppy with abundant crackle texture gauge-clay rich zones coat the fractures and give weakness to the rock-kaol.					108.39	111.30	2.91	C384293				91.44	94.49	3.05	2.80	91.8%	2.37	84.6%	fr	ms	8	40	2	2	11		
									* 111.30-112.15 contact at 50 deg. Very dark GY epidote altered, clast supported porphyry with semi massive Py, Sp and Gn. 33cm of seemingly high grade mineralization. Bottom of interval is broken.					111.30	112.15	0.85	C384294				94.49	97.54	3.05	2.88	94.4%	1.71	59.4%	mw	ms	14	30	3	3	10		
													BLANK				C384295				97.54	100.58	3.04	2.91	95.7%	1.79	61.5%	sw	ms	10	45	2	2	10		
									112.15-114.64m clast supported porphyry with dom epidote alteration and minor iron carbonate. Py disseminated in country rock and STW of m mineralization: Py, Sp and t Gn (50 deg). 6" zone of m mineralization in 1-3cm VTS.					112.15	114.46	2.31	C384296				100.58	103.63	3.05	3.03	99.3%	2.58	85.1%	fr	w	8	40	2	2	10		
		114.46	116.62	2.16		FRESH CSP			Contact at 45 deg from epidote altered clast supported porphyry to dark, fresh, chl alt CSP. Small zone of epi-rich CSP within the interval.					114.46	116.62	2.16	C384297				103.63	105.16	1.53	1.42	92.8%	0.91	64.1%	mw	ew	11	50	2	2	9		
		116.62	122.13	5.51		ALT CSP			Epidote alt CSP with ser-alt Fd. Mineralization if t Py. 4" zone of fresh, chl CSP. Odd red 'pock-marks' of He? Very coherent.					116.62	119.46	2.84	C384298				105.16	106.68	1.52	1.57	103.3%	0.81	51.6%	sw	w	7	45	2	2	8		
									119.46-116.62m Hydrothermal crackle of unit becomes apparent. Trace to weak disseminated Py. Bottom 12" is ser-sodic-chl rich ppy.					119.46	122.13	2.67	C384299				106.68	108.51	1.83	1.46	79.8%	0.35	24.0%	mw	w	12	40	3	3	7		
		122.13	129.67	7.54		FRESH MSP			Last 0.70m=ppy with fine He lined VTS. Then into fresh MSP with chl alt. 2mm Qz VT with chl alt EN with zones of medium-GR paleing. Trace Py and t, t Cp within FG matrix. Fine He stringers.					122.13	125.63	3.50	C384300				108.51	111.56	3.05	3.00	98.4%	1.55	51.7%	mw	ew	10	40	5	2	9		
														125.63	129.67	4.04	C384301				111.56	112.77	1.21	1.32	109.1%	0.97	73.5%	mw	ew	9	40	4	3	9		
		129.67	133.53	3.86		FRESH GRANI			75 deg very sharp contact angle. Fresh chl alt granite with rare t Py. 2-8" sections of Kf alteration. Lower contact at 45 deg.					129.67	133.53	3.86	C384302				112.77	115.82	3.05	3.04	99.7%	2.54	83.6%	fr	w	9	35	3	4	10		
		133.53	154.39	20.86		FRESH CSP			Fresh clast supported MSP with small XN of very FG dykes. Small sections of interval are outlined below:					133.53	137.16	3.63	C384303				115.82	118.87	3.05	3.00	98.4%	2.65	88.3%	fr	s	6	40	3	3	11		
									135.00-135.40m chl and He on Fx surface.												118.87	121.92	3.05	2.92	95.7%	2.42	82.9%	fr	vw	7	50	3	3	12		
									143.96-146.30m fresh matrix supported, chl alt CSP.												121.92	124.97	3.05	3.08	101.0%	2.83	91.9%	fr	ms	4	50	3	3	11		
									150.05-151.85m sodic and chl alt clast supported ppy. Very broken. Into next unit-contact at 25 deg.												124.97	128.02	3.05	2.90	95.1%	2.68	92.4%	fr	s	6	35	1	2	12		

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

Type	Attitude	LITHOLOGY							Notes:	ALT.		MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier							From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage
																									(m)	Percent	(m)	Percent							
		154.39	164.40	10.01	ALT GRANITE			Epidote-ser alt Granite with small zones of fresh Kf granite.					157.52	160.62	3.10	C384304				128.02	131.06	3.04	2.78	91.4%	2.25	80.9%	fr	ms	8	35	2	1	11		
									From 157.52-158.50m sodic-clast supported ppy with chl rich Fx surfs.											131.06	134.11	3.05	2.95	96.7%	2.32	78.6%	fr	ms	10	50	2	2	9		
									From 162.04-162.63m iron-Kf alt clast supported ppy XN? Minor chl ST.					160.62	164.40	3.78	C384305				134.11	137.16	3.05	2.96	97.0%	2.10	70.9%	fr	ms	12	35	2	2		
									162.63-164.40m very FG, silicified epidote rich Granite.					164.40	168.21	3.81	C384306				137.16	140.21	3.05	3.10	101.6%	2.80	90.3%	fr	s	5	40	3	2	12	
								At 166.83m 6" zone of PK, very silicious band. Kf alt incr.												140.21	143.26	3.05	2.91	95.4%	2.53	86.9%	fr	s	6	25	1	1	12		
		164.40	168.21	3.81	FRESH GRANI			80deg contact into fresh granite with chl alt of Bi and Hb. 50 deg lower contact.												143.26	146.30	3.04	3.07	101.0%	2.75	89.6%	fr	ms	6	35	2	2	11		
									Epidote altered clast supported ppy with minor chl ST, Kf alt and musc XT. Trace disseminated Py and 1X 1cm Py, Sp, Gn rich Qz band.					168.21	169.84	1.63	C384307			146.30	149.35	3.05	2.98	97.7%	2.43	81.5%	sw	w	8	40	3	2	12		
		169.84	172.84	3	FRESH GRANI			chl and ser altered granite					169.84	172.84	3.00	C384308			149.35	152.40	3.05	2.78	91.1%	2.19	78.8%	mw	s	9	40	4	2	10			
								Epidote altered granite with rare Kf and chl alt. Near 177.80: 2cm band at 45 deg filled with semi massive Py, w-m Sp and Gn. 1m Kf (fresh) granite.					172.84	175.83	2.99	C384309			152.40	155.45	3.05	3.04	99.7%	2.66	87.5%	fr	vs	12	40	3	2	12			
		178.81	181.88	3.07	FRESH GRANI			Upper contact at 50 deg.					175.83	178.81	2.98	C384310			155.45	158.50	3.05	2.80	91.8%	2.46	87.9%	fr	w	10	50	3	3	10			
								Epidote altered granite with small zones of fresh granite. Minor chl stringers within alt granite.											158.50	161.54	3.04	2.96	97.4%	2.76	93.2%	fr	s	6	45	2	2	11			
		181.88	188.88	7	ALT GRANITE			185.37-188.88m sodic altered, clast supported ppy. Top of interval has 2cm Py, Sp, Gn mineralized VT within Qz.					185.37	188.88	3.51	C384311			161.54	164.59	3.05	2.91	95.4%	2.15	73.9%	fr	s	6	35	2	1	12			
									With the last metre being epidote altered, t Py and Gn disseminated granite with one 2mm well mineralized VT-Py, Sp, Gn.					188.88	191.90	3.02	C384312			164.59	167.64	3.05	3.00	98.4%	2.96	98.7%	fr	vs	7	50	2	2	13		
								191.90-192.67m sodic clast supported ppy. Sharp contact into this unit.											167.64	170.69	3.05	3.08	101.0%	2.90	94.2%	fr	ms	4	50	3	2	13			
								192.67-193.50m epidote altered granite zone with m-h, iron stained, silicified zones surrounding mineralized VTS. 1-3mm Py, m Sp, t Gn. 1-3cm of semi massive Py with m Sp and m Gn.					192.67	193.50	0.83	C384313			170.69	173.74	3.05	2.86	93.8%	2.23	78.0%	sw	ms	5	50	2	2	11			
								195.07-196.53m very silicified, epidote rich Qz patch. Unusual.					193.50	196.53	3.03	C384314			173.74	176.78	3.04	2.93	96.4%	1.60	54.6%	fr	w	6	45	3	2	11			
								196.53-198.20m Fresh Kf granite					196.53	198.20	1.67	C384315			176.78	179.83	3.05	3.03	99.3%	1.85	61.1%	fr	ms	4	50	2	3	13			
								Epidote and Kf altered granite with m-h Kf alteration. 4" zone of BK ST (stretch-mark texture) trending 45 deg. 43 cm zone of fresh Kf at end of interval. Sharp lower contact at 80 deg into sodic-alt clast supported ppy.					198.20	201.75	3.55	C384316			179.83	182.88	3.05	2.95	96.7%	2.72	92.2%	fr	w	5	40	2	2	12			
		198.20	201.75	3.55	ALT GRANITE			Sodic-CSP with minor sauceritization.											182.88	185.93	3.05	2.96	97.0%	2.80	94.6%	fr	ms	6	35	3	3	12			
		201.75	207.53	5.78		SODIC CSP			203.82-203.99m zone of Qz flood-almost breccia					201.75	204.76	3.01	C384317			185.93	188.98	3.05	2.75	90.2%	2.30	83.6%	fr	s	7	35	2	3	13		
								203.76-207.53m CSP with iron carbonate and Kf alteration within weakly chl alt ppy. Minor BK (stretch mark) ST.					204.76	207.53	2.77	C384318			188.98	192.02	3.04	3.00	98.7%	2.65	88.3%	fr	w	11	45	2	2	13			
								Kf granite with 14" highly silicified epidote rich zone. Lower contact at 60 deg.					207.53	211.59	4.06	C384319			192.02	195.07	3.05	3.06	100.3%	2.96	96.7%	fr	w	2	45	3	3	15			
		207.53	211.59	4.06	FRESH GRANI			211.59-214.00m epidote, clast supported ppy with micro BK ST and w iron carbonate alt. Trace Py disseminated					211.59	214.00	2.41	C384320			195.07	198.12	3.05	2.79	91.5%	2.54	91.0%	fr	w	4	50	3	3	12			
		211.59	216.41	4.82		ALT CSP																													

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS							
Type	Struct.	Attitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage							
																					(m)	Percent	(m)	Percent														
										214.00-216.41m same as '320 but with fine BK VT-initial stages of crosscutting. Minor iron carbonate alteration							214.00	216.41	2.41	C384321				198.12	201.17	3.05	3.01	98.7%	2.52	83.7%	mw	ms	6	50	3	3	12	
																	BLANK			C384322				201.17	204.22	3.05	3.04	99.7%	2.31	76.0%	mw	w	6	45	3	3	11	
			216.41	221.55	5.14		ALT CSP			rock sama as previous with an increase in density of BK micro Fx. Iron carbonate and crackle texture. Overall in disseminated Py.							216.41	218.98	2.57	C384323				204.22	207.26	3.04	2.89	95.1%	2.13	73.7%	sw	w	8	35	3	3	11	
										218.98-221.55m small gaugy zone within the sample (6"), hosts w Py, Sp, Gn.							218.98	221.55	2.57	C384324				207.26	210.31	3.05	2.89	94.8%	2.91	100.7%	fr	w	3	40	3	3	13	
			221.55	228.04	6.49		FRESH CSP			Upper contact VERY SHARP at 55deg. (photo). Fresh, clast supported ppy with m-s chl alteration. Top 12" is matrix supported ppy with very distinct ble zones around the rare mineralized VTs. Mineralization: Py, w Sp, and t Gn. Steep angles (70-80), 5cm of bleaching associated with 3mm VT (rare). Small FG XN of mafic dyke-unmineralized-are present within CSP.							221.55	224.81	3.26	C384325				210.31	213.36	3.05	3.06	100.3%	2.68	87.6%	fr	ms	8	45	2	2	12	
										224.81-228.04m small He Fx and t Py and t , t Cp.							224.81	228.04	3.23	C384326				213.36	216.41	3.05	3.06	100.3%	2.88	94.1%	fr	w	5	45	3	3	10	
			228.04	235.34	7.3		ALT MSP			Bleached, epidote rich, matrix supported ppy with irregular zones of fresh chl alt ppy and t disseminated Py and erratic Qz VT.							228.04	231.69	3.65	C384327				216.41	219.46	3.05	2.91	95.4%	2.36	81.1%	sw	ms	6	50	4	3	11	
																	231.69	235.34	3.65	C384328				219.46	222.50	3.04	2.97	97.7%	2.63	88.6%	sw	s	10	55	3	3	9	
			235.34	245.37	10.03		ALT CSP			Epidote altered CSP with zones of WH-pale GR gaugy and 'pocky' rock from 236.10-236.25m and 240.53-240.79m (within C384330). Varying degrees of silicification in the rock.							235.34	238.28	2.94	C384329				222.50	224.03	1.53	1.53	100.0%	0.90	58.8%	sw	w	8	55	3	3	11	
										Mineralization-t Py.							238.28	241.12	2.84	C384330				224.03	226.47	2.44	2.48	101.6%	1.68	67.7%	mw	ms	5	40	2	2	12	
										Rare t Gn blebs, mzd VTS increse here also. Fresh, very weakly chl alt Kf Granite. Blebs of He and Sp with rare VT with thin chl EN-barren							241.12	245.37	4.25	C384331				226.47	228.60	2.13	2.03	95.3%	1.86	91.6%	fr	s	4	50	5	3	11	
			245.37	250.02	4.65		FRESH GRANI																	228.60	231.65	3.05	3.08	101.0%	2.61	84.7%	fr	w	6	50	3	4	10	
			250.02	256.82	6.8		ALT CSP			250.02-252.98m very epidote altered CSP with t-w disseminated Py and one 6cm zone with weakly disseminated Py and Gn. GY-lined Fx at 30deg-5 Fx per interval. No mineralization.							250.02	252.98	2.96	C384332				231.65	234.70	3.05	2.92	95.7%	2.34	80.1%	fr	w	9	45	3	3	11	
										252.98-256.82m sodic-epidote-iron carbonate altered clast supported Po. Minor disseminated Py occasionally small chl ST (at 255.68m-7cm zone) in more ble CSP-with Qz VT (45)-Py dominant, m Sp, t Gn and As.								252.98	256.82	3.84	C384333				234.70	237.74	3.04	2.99	98.4%	2.16	72.2%	sw	vw	10	60	2	2	9
			256.82	272.58	15.76		FRESH CSP			35deg chlorite abundant transition (over 4") from altered clast supported Po into fresh, chl alt CSP with hairline VT at 45 deg-small chl EN around them. Trace, trace Cp disseminated. Trace Py also. Very small He lined Fx. Small, FG chl alt XN within unit.							256.82	260.00	3.18	C384334				237.74	240.79	3.05	3.07	100.7%	2.48	80.8%	mw	vw	8	50	4	2	10	
										Just before 263.72 there is a 6" zone with sericite alteration and minor sauceritization of Bi XT.							260.00	263.72	3.72	C384335				240.79	243.84	3.05	3.05	100.0%	2.64	86.6%	fr	ms	6	55	4	3	13	
										Rep taken from this sample.							263.72	276.32	12.60	C384336				243.84	246.89	3.05	3.02	99.0%	2.99	99.0%	fr	ms	2	55	3	2	14	
																	267.32	269.95	2.63	C384337				246.89	249.94	3.05	3.01	98.7%	3.01	100.0%	fr	ms	6	45	4	3	12	
																	269.95	272.58	2.63	C384338				249.94	252.98	3.04	2.97	97.7%	2.83	95.3%	fr	ms	5	35	2	3	13	

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
	Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier				From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage	
																								(m)	percent	(m)	Percent								
													272.58	276.58	4.00	C384339				252.98	256.03	3.05	3.00	98.4%	3.00	100.0%	fr	ms	3	50	3	3	13		
													BLANK			C384340				256.03	259.08	3.05	2.93	96.1%	2.93	100.0%	fr	s	5	60	4	3	13		
			272.58	276.58	4		ALT CSP			60deg VT marks transition into epidote and sericite altered CSP. All VTS (Qz) at 60 deg. Weak disseminated Py mineralization and ST with minor fec alt. 1 small 1.3cm Qz VT at 50deg with m Py, m As, w Sp (spec and blackjack-two types), and w Gn right near end of interval where chl alt incr. 1 m zone of fresh CSP within altered zone.				276.58	280.27	3.69	C384341				259.08	262.13	3.05	2.98	97.7%	2.98	100.0%	fr	s	3	65	3	3	14	
			276.58	283.96	7.38		FRESH CSP			Fresh CSP with t, t Py-disseminated. Minor chl alt of Bi and Hb. XN (<5cm) of MSP. Rare Qz VT with chl EN. Overall weakly Fx and STW. XN-30cm (60-lower 80) MSP within CSP-both fresh. 4 other smaller XN (<8cm). One rare 35deg Qz VT with dominant Py m-h with t Sp-caused bleaching over 14cm.				280.27	283.96	3.69	C384342				262.13	265.18	3.05	3.01	98.7%	3.01	100.0%	fr	w	6	40	3	3	13	
			283.96	285.95	1.99		FRESH GRANI			Contact sharp at 15deg BUT has a long-finger of CSP jutting into the Granite. Fiamme-like 7cm XN of MSP.				283.96	285.95	1.99	C384343				265.18	268.22	3.04	3.03	99.7%	3.03	100.0%	fr	ms	3	60	4	3	12	
			285.95	288.93	2.98		ALT CSP			talc-epidote-ser alt CSP. One 6" zone of fec alt. Rare Py ST/VT at 20. 8cm zone of moderately silicified Qz flood with Py and Sp-blocky and t Gn. (Isolated). End of interval has minor sau then FG-pale-weakly altered granite.				285.95	288.93	2.98	C384344				268.22	271.27	3.05	3.02	99.0%	3.02	100.0%	fr	s	1	45	2	5	14	
			288.93	296.96	8.03		ALT GRANITE			Weak epi alt Granite. From 291.08-294.44m very broken with chalk white, ppt on Fx-not carbonate.				288.93	291.69	2.76	C384345				271.27	274.32	3.05	2.95	96.7%	2.95	100.0%	fr	ms	5	40	4	3	13	
													291.69	294.44	2.75	C384346				274.32	277.37	3.05	2.85	93.4%	2.85	100.0%	fr	ms	4	50	4	3	12		
													294.44	296.96	2.52	C384347				277.37	280.42	3.05	3.04	99.7%	3.04	100.0%	fr	s	4	45	3	3	11		
			296.96	298.88	1.92		ALT MSP			Irregular contact-intermixed ble and fresh weak-matrix supported PO. Clasts-rare Qz eyes. Abundant pale, white VTs and ST with Py disseminated throughout. Bottom 4" is very bleached, silicified.				296.96	298.88	1.92	C384348				280.42	283.46	3.04	3.05	100.3%	3.05	100.0%	fr	s	5	45	5	3	12	
			298.88	306.46	7.58		ALT CSP			talc-epidote alt CSP with ST of chl alt cohesive. Minor hairline BK-GY micro VTs. Py rich-other Sx? Weak disseminated Py. Rare Qz VT (1cm) with Py, Sp, and Gn at 300.94m. At 304.94 6" XN of FRESH GRANITE. For 12" just before 302.67-sodic alt CSP.				298.88	302.67	3.79	C384349				283.46	284.99	1.53	1.46	95.4%	1.46	100.0%	fr	s	6	40	2	2	12	
			306.46	309.63	3.17		FRESH GRANI			35 deg upper contact. Regular granite.				302.67	306.46	3.79	C384350				284.99	288.04	3.05	3.06	100.3%	3.06	100.0%	sw	ms	8	35	4	4	10	
			309.63	312.39	2.76		ALT CSP			talc-chlorite, sericite and fec alt CSP. Ser along Fx-and within XT. Very rare He blebs. Trace, fine disseminated Py.				306.46	309.63	3.17	C384351				288.04	289.56	1.52	1.47	96.7%	1.47	100.0%	sw	ms	5	45	3	2	11	
			312.39	315.73	3.34		FRESH CSP			20 deg contact into fresh CSP with small patches of sericite alteration. Weakly disseminated Py in XN of fresh MSP. Rare He on Fx.				309.63	312.39	2.76	C384352				289.56	291.08	1.52	1.51	99.3%	1.51	100.0%	mw	s	9	30	2	2	10	
			315.73	323.09	7.36		ALT CSP			Very crackled, broken and blocky saucerized and minor talc-chl alte CSP. Rare ST and t, t Py disseminated. REP TAKEN.				312.39	315.73	3.34	C384353				291.08	292.30	1.22	1.12	91.8%	1.12	100.0%	mw	ms	9	35	4	2	9	
													315.73	319.50	3.77	C384354				292.30	292.91	0.61	0.64	104.9%	0.64	100.0%	hw	w	9	35	2	2	8		
													319.50	323.09	3.59	C384355				292.91	294.44	1.53	1.49	97.4%	1.49	100.0%	mw	w	10	45	4	2	5		
													BLANK			C384356				294.44	297.48	3.04	3.02	99.3%	3.02	100.0%	fr	vw	11	55	2	2	10		
																				297.48	300.23	2.75	2.76	100.4%	2.76	100.0%	fr	vw	7	50	5	2	9		
																				300.23	303.28	3.05	2.93	96.1%	2.93	100.0%	fr	w	5	45	4	4	11		

HOLE: ID-07-03

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PROJECT

PROPERTY:

Easting Northing Elev. Depth (m)

HOLE: ID-07-04

Contractor: BEAUDOIN DIAMOND DRILLING

Drill:

Core size:

Cassing depth: (m) in/out

Drilling dates:

Logged by:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

Target: _____

[illegible]

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS	

PROPERTY: Idaho Creek

HOLE: ID-07-04

Type Attitude		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier					From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)		REC (m)	Percent		RQD Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		0.00	19.73	19.73		OVERBURDEN		Casing: 0-21.95m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

PROPERTY: Idaho Creek

HOLE: ID-07-04

Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS				
	Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier				From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling			
																								(m)	Percent	(m)	Percent										
			82.01	87.35	5.34		FRESH GRANITE	Kf granite with rare He blebs. Small zones of alt granite and alt CSP (from above) included.							82.01	84.68	2.67	C384378				36.58	39.62	3.04	2.34	77.0%	0.37	12.2%	ew	ew	15	45	3	3	3		
															84.68	87.35	2.67	C384379				39.62	42.67	3.05	2.36	77.4%	0.39	12.8%	ew	ew	15	45	3	3	3		
			87.35	94.03	6.68		ALT GRANITE	Epidote-w chl alt Granite. Weak diss Py. Rare t Gn disseminated also. One 2mm VT with Py, Sp and Gn (65). Small (6-10") zones of fresh granite within. Fec for 6"-very broken. Slight increase in WH-non calcareous Fx coating.							87.35	90.69	3.34	C384380				42.67	45.72	3.05	2.78	91.1%	1.54	50.5%	hw	vw	9	50	4	2	7		
															90.69	94.03	3.34	C384381				45.72	48.77	3.05	3.03	99.3%	1.96	64.3%	mw	w	11	45	4	3	9		
			94.03	96.04	2.01		ALT CSP	Gradational change into sodic (and minor, minor sau) CSP. XN of fresh granite (timing-Granite AFTER CSP?)							94.03	96.04	2.01	C384382				48.77	51.82	3.05	2.92	95.7%	1.64	53.8%	mw	w	7	50	2	3	3		
			96.04	102.13	6.09		ALT GRANITE	Transitino very sharp-looks like the drillers omitted a piece with the actual contact.							96.04	99.09	3.05	C384383				51.82	54.86	3.04	2.89	95.1%	1.66	54.6%	mw	w	10	60	3	2	8		
															99.09	102.13	3.04	C384384				54.86	57.91	3.05	2.98	97.7%	1.93	63.3%	sw	w	9	40	4	3	9		
			102.13	108.26	6.13		ALT CSP	Kf-sodic rich CSP with strong ser alt of Hb XT. Small clasts of alt granite (3 @ <6") hosted within alt CSP.	pot	sod					102.13	106.45	4.32	C384385				57.91	60.96	3.05	2.85	93.4%	2.25	73.8%	sw	ms	6	40	4	4	10		
			108.26	112.02	3.76		ALT CSP	Sodic and wear ser alt CSP.	sod	ser					106.45	108.26	1.81	C384386				60.96	64.01	3.05	3.06	100.3%	2.73	89.5%	fr	ms	5	50	3	2	11		
			112.02	118.11	6.09		ALT CSP	Epidote-chl alt CSP. Weak disseminated Py-small rund (12 inches) of sodic CSP. Increase in chl at 115.07m. Py dissmeinations, smears of Gn in matrix																													
			118.11	120.76	2.65		EPI DYKE	SHARP contact: 50deg. TN-GY epidote phenocryst dyke. Seemingly unmineralized. Lower contact at 50 deg.	epi	chl		Py	Gn		115.07	118.11	3.04	C384387				64.01	67.06	3.05	2.84	93.1%	2.49	81.6%	fr	sw	5	55	2	3	12		
															118.11	120.76	2.65	C384388				67.06	70.10	3.04	2.94	96.7%	1.74	57.2%	sw	ms	7	45	3	3	10		
			120.76	131.74	10.98		ALT CSP	Talc-chl CSP with rare epi XT. Small GY ST. 6-8". Fresh Kf granite XN. Moderately broken with rare BK smears on Fx surface. Mineralization-very w Py. Small patches of talc-epi CSP. Last 0.75cm has fresh CSP with He blebs.	talc	chl	epi				128.53	131.74	3.21	C384389				70.10	73.15	3.05	3.02	99.0%	2.74	89.8%	sw	w	11	50	2	3	8		
			131.74	134.42	2.68		EPI DYKE	TN-GY epidote XT rich FG dyke with Qz ST. No visible mineralization. Lower contact at 45 deg.							131.74	134.42	2.68	C384390				73.15	76.20	3.05	3.09	101.3%	2.52	82.6%	sw	ms	8	40	2	2	10		
			134.42	136.51	2.09		ALT CSP	Dom ser, w epi alt CSP. Py along VT. Small gauge area at 135.20m. One 'splash' of Py, blocky Sp within Qz flood. Overall weak mzn.	ser	epi		Py	Sp		134.42	136.51	2.09	C384391				76.20	79.25	3.05	3.10	101.6%	3.10	101.6%	fr	ms	6	50	3	3	11		
			136.51	139.67	3.16		ALT CSP	20 deg contact into m-h sil-chl-epi alt CSP. Shallow, irregular VT of Py, Sp, and t Gn (3 per interval)	sil	chl	spi	Py	Sp	Gn	136.51	139.67	3.16	C384392				79.25	82.29	3.04	3.04	100.0%	3.04	100.0%	fr	ms	4	40	2	2	13		
			139.67	142.92	3.25		ALT CSP	ser-epi alt CSP with Py disseminated on Fx.														82.29	85.34	3.05	3.01	98.7%	2.59	84.9%	sw	ms	8	40	4	3	10		
								very broken fec and epi alt CSP. Disseminated Py throughout and irregular 3mm blebs. Rare chl ST. At 145.69m-very broken.	fec	epi	chl											85.34	88.39	3.05	2.88	94.4%	2.76	90.5%	fr	ms	5	45	3	2	13		
			146.21	149.42	3.21		ALT CSP	sodic-epi-ser CSP. Start and end of interval is very broken.	sod	epi	ser											88.39	91.44	3.05	2.98	97.7%	2.65	86.9%	fr	ms	5	50	2	2	12		

HOLE: ID-07-04

4 of 5

HOLE: ID-07-04

5 of 5

PROJECT

PROPERTY: IDAHO CREEK

Easting Northing Elev. Depth (m)

HOLE: ID-07-01

Contractor: BEAUDOIN DIAMOND DRILLING

Drill:

Core size: BTW

Cassing depth: (m) in/out

Drilling dates:

Logged by:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

Target: _____

[illegible]

SAMPLES
Numbers: C384101 to C384194
Total: 94
Date sent: July 1, 2007

COMMENTS	

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY								ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)		REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness
Type	Attitude								Notes:																	(m)	Percent	(m)	Percent								
									Top 27.6m of hole is very blocky with poor recovery. Rock types are very irregular, likely overburden boulders. Sand, gravel and cobbles are typical.	chl	cl		Qz	Fd	Hb											0.00	13.3%	0.00	0.0%	mw	ms	12			3	4	
		0.00	27.43	27.43					14.93-21.34m OR-BR alt MSP with small BK pits and ST on Fx. Very blocky	fec							9.14	14.93	5.79	C384102					3.00	49.4%	0.45	14.5%	mw	ms	6	45	3	3		3	
									21.34-27.43m very OR, bleached Qz (<4mm) MSP. Minor gauge material	ble	cl	oxi	Qz	Bi			14.93	21.34	6.41	C384103					6.10	31.0%	0.00	0.0%	hw	w		50	3	4		5	
																	21.34	27.43	6.09	C384104					9.10	34.7%	0.11	3.7%	ew	vw				3	2		4
									OR-TN weathered, very brittle, fine MSP with Bi-HB. Rubble and gauge/gravel abundant. Fx at 80 and 1/4 turn 20 with small BK pitted areas-mno dendrites. Rare lim on Fx and as halos up to 3 mm. Very broken at end of interval	lim	oxi	cl	Qz	Bi	Hb		27.43	30.48	3.05	C384105					12.10	41.3%	0.32	10.3%	hw	ms				3	3		4
																	30.48	33.53	3.05	C384106					15.20	48.7%	0.38	12.3%	mw	ms	10	35	2	2		3	
																	33.53	36.58	3.05	C384107					18.30	15.0%	0.33	11.0%	sw	w	5	45	5	3		7	
																	36.58	42.36	5.78	C384108					21.30	28.1%	0.00	0.0%	hw	w			4	3		4	
									Pale GY, contact metamorphosed, medium grained CSP with talc-epidote, abundant OR stain. OR lim halos on Fx surfaces. Overall Py disseminated ~1-3%, Bi replaced by Py in some locations. Manganese dendrites- BK Sx radiating (up to 5mm halo) from Fx. Semi stockwork of Fx mineralization with Py. When Bi is present the overall Py content is lower.	ble	lim	sil	Qz	Fp	Bi	Py	42.37	44.56	2.19	C384109					24.40	33.3%	0.28	9.3%	mw	vw				2	2		3
									Dark GY, MD grained Fresh CSP with <7mm Bi XT. Rare Fx with thin lim coating and manganese (w-m). Rock is moderately magnetic. BR and metallic GY (?) sheen on Fx surfaces. Abundant. Weak chl alteration.	bio	lim	ser	Fd	Bi	Hb	Qz	44.56	46.63	2.07	C384110					27.40	68.3%	0.47	15.7%	hw	w	4	60	5	3		4	
													Py	Sx?	Li	Mg									30.40	48.4%	1.10	35.5%	mw	ms	3	45	2	4		7	
									Very OR, lim alt talc-epi, MG CSP with up to 2 mm lim on Fx. Brittle, Fx-ed rock. Small Fx zones with no visible Sx. Manganese (soft) coating on Fx. 1mm Py VT associated 3mm lim halos. Minor Tr laths randomly oriented. Disseminated Py in matrix. Overall oxidation-alteration decreases here.	lim	sil	bio	Fd	Qz	Bi	Mg	46.63	49.07	2.44	C384111					33.50	53.7%	0.63	21.0%	sw	w	9	40	3	3		7	
																	36.50	39.60	3.10	1.41					36.50	45.5%	0.53	17.1%	hw	vw		55	3	3		8	
									Within pale alt CSP 46cm zone with Ca VT (4mm) hosting blebby Py, Sp, t Gn (15 deg). Up to 1 cm lim envelopes on BK Sx coated Fx.	lim	sil			Py	Tr	Sp	Gn	49.07	51.51	2.44	C384112					39.60	30.3%	0.33	10.6%	hw	ms	5	50	4	2		5
													Ca												42.70	90.7%	2.18	72.7%	sw	ms	6	40	2	3		10	

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:		ALT.			MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier			From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage								
																					(m)	Percent	(m)	Percent															
Type	Attitude																																						
		51.51	59.13	7.62	FRESH CSP			MG, chl alt, dark GY, moderately magnetic CSP Manganese coated Fx. Alt of Bi, lim on Fx associated with manganese blebs. Minor visible Kf. Hairline (<2mm) Ca VT (30) with disseminated Py. No Py in matrix. Towards end of interval Qz and Fd percentage increases	ser	bio	lim	Bi	Qz	Fd	Hb	51.51	55.32	3.81	C384113		45.70	48.70	3.00	2.33	77.7%	1.21	40.3%	mw	s	12	35	3	3	8					
												Mg	Kf	Ca	Py	55.32	59.13	3.81	C384114		48.70	51.80	3.10	2.63	84.8%	1.40	45.2%	mw	s	6	30	4	2	8					
		59.13	62.18	3.05	ALT CSP			Upper contact broken. Rock is ble and silicious. 2mm sub-parallel hairline Sx bands: Py, Sp and t Gn. These bands are cut by a later phase Qz-Ca VT (15) 1cm w/ semi massive Py, m Sp, t Gn. Weak lim on Fx with interval 0.3m zone of abundant 1-3mm Tr XT with moderate disseminated PY. Dark GY bands with Py at 50 and 1/4 turn 25.	sil	chl	lim	Hb	Fd	Qz	Ca	59.13	62.18	3.05	C384115		51.80	54.80	3.00	2.71	90.3%	2.02	67.3%	mw	ms	6	55	3	3	9					
												Tr	Py	Sp	Gn					54.80	57.30	2.50	1.85	74.0%	1.21	48.4%	mw	ms	7	45	3	3	10						
		62.18	72.85	10.67	ALT CSP			contact: 50, occurs on Fx surface. Very WH, talc-epi alt with heavy fec-lim and mno. LT GR-GY, chl alt, w sil CSP w/ w-m lim on Fx surfaces. 8 stockwork Fx in 8 cm zone. Lim on all EN, BK Sx. Tiny stringers of Sx in matrix (hairline), w disseminated Py. 2 parallel Bk-GY Sx VT at 50 with lim halo. Presence of hairline Sx in irregular orientation. All ~ 1mm.	chl	ble	sil	Fd	Qz	Bi	Py	62.18	65.53	3.35	C384116		57.30	59.70	2.40	2.22	92.5%	1.92	80.0%	sw	w	5	40	4	3	11					
								Sodic-chalky WH CSP with abundant OR-mno surfaces. 30 cm OR gravel/gauge area. Bi completely chl. Fx, 50-60, are 'baked' up to 1cm.	lim	ble	chl	Sx?				65.63	69.49	3.86	C384117		59.70	62.50	2.80	1.85	66.1%	1.58	56.4%	mw	w	5	30	3	3	9					
																				62.50	64.10	1.60	1.20	75.0%	0.80	50.0%	mw	ms	8	40	4	4	8						
																				64.10	66.40	2.30	2.16	93.9%	1.76	76.5%	sw	w	4	35	2	4	10						
								Very Fx, lim alt CSP with gaugy zone at the start of interval. Density of Sx ST is lower in this interval than previous.								69.49	72.85	3.36	C384118		66.40	67.60	1.20	0.90	75.0%	0.42	35.0%	hw	ms	8	45	5	3	6					
																				67.60	69.50	1.90	1.30	68.4%	0.82	43.2%	mw	w	5	30	2	3	8						
								Pale PK for last 60 cm of interval. Very fine hariline DK SX.												69.50	71.30	1.80	1.61	89.4%	0.90	50.0%	hw	w	7	40	3	3	7						
																BLANK			C384119		71.30	73.10	1.80	1.75	97.2%	1.59	88.3%	sw	ms	6	45	1	2	10					
		72.85	81.69	8.84	FRESH CSP			Dark GY, fresh CSP with up to 40 cm zones of spi-ble alt CSP Irregular/rare stringers of Py replacing some Bi. Qz-Ca VT at 30. Rare unmineralized source of ble and alteration-not likely Fx/VT. Peripheral to a feature not seen in the core? Minute irredescent RD-PK Sx?	chl	ble		Py	Qz	Ca		72.85	76.20	3.35	C384120		73.10	75.50	2.40	2.36	98.3%	1.65	68.7%	sw	ms	4	40	2	2	10					
								Sample w/ more chl alt GRD.								76.20	79.55	3.35	C384121		75.50	78.30	2.80	2.21	78.9%	1.71	61.1%	sw	s	5	40	4	3	9					
								Sample same as prev but w/ FG DIO dyke (10 cm) un mzd.								79.55	81.69	2.14	C384122		78.30	81.30	3.00	2.84	94.7%	2.62	87.3%	fr	ms	3	25	2	2	11					
																				81.30	82.30	1.00	0.93	93.0%	0.61	61.0%	mw	s	5	50	3	3	7						
																				82.30	85.30	3.00	2.94	98.0%	2.86	95.3%	sw	ms	3	60	3	2	10						

PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage
Type	Attitude																								(m)	Percent	(m)	Percent									
		81.69	91.44	9.75	ALT	CSP		Very ble, pale GR-GY alt CSP very w diss Py w/ rare BK Sx VT. Talc-epi Alt dominant.	chl	ble	Py	Sx?			81.69	85.33	3.64	C384123			85.30	88.30	3.00	2.74	91.3%	2.19	73.0%	sw	s	3	30	2	2		11		
								85.33-88.39m start of sample in Dark GY fresh CSP w/ small ble EN. Poor SX w/ transition into ble, more Fx chl GRD. Rare hairline Fx w/ GY Sx.							85.33	88.39	3.06	C384124			88.30	91.40	3.10	2.62	84.5%	1.95	62.9%	sw	ms	5	50	2	2		12		
								88.39-91.44 first half of interval is epi-ble alt CSP and then 80 degrees contact into 1 m of fresh Kf Granite (XN?) w/ sparse Py, Bi < 7cm, Hb also. Fx / ST density v. low.	chl		Py	Bi	Hb		88.39	91.44	3.05	C384125			91.40	94.40	3.00	2.88	96.0%	2.81	93.7%	fr	w	7	40	1	2		11		
															94.40	97.50	3.10			94.40	97.50	3.10	2.92	94.2%	2.71	87.4%	sw	ms	5	30	3	3		10			
		91.44	94.94	3.5	ALT	CSP		Pale GR-off YW talc-epi-ser CSP w/ high QZ-Fd-low Bi. 55 degrees Fx very w Py. DIO is non-magnetic. No coating on Fx. Unmzd towards end of interval. Weakly disseminated Py also. Rep taken.	chl		Qz	Fd	Bi	Py	91.44	94.94	3.50	C384126			97.50	100.50	3.00	2.98	99.3%	2.92	97.3%	fr	w	2	45	3	4		13		
															100.50	103.60	3.10			100.50	103.60	3.10	2.82	91.0%	2.57	82.9%	sw	ms	2	40	3	3		11			
		94.94	97.84	2.9	ALT	CSP		Pale-medium PK-OR fec and Kf alt CSP. Up to 3mm VT w/ Py bands hosting Sp and t Gn. Peripheral to fresh CSP mzn / VT incr.	pot		Py	Sp	Gn	Ca	94.74	97.84	3.10	C384127			103.60	106.70	3.10	3.05	98.4%	2.41	77.7%	sw	ms	5	35	4	4		10		
											Ca	Qz								106.70	109.10	2.40	2.85	118.8%	2.31	96.3%	fr	ms	3	45	2	3		10			
		97.84	103.33	5.49	ALT	CSP		Contact broken. Med GR, epi alt CSP rare mafic minerals Qz + Fd dominant. Py weak in country rock. Irreg VT + ST have dom Py w / w Sp and t Gn. Py only VT @ 50, other mzn 1/4 turn @ 35. Py disseminated, increases near end of interval. Small BK Sx pits too!	chl		Py	Sp	Gn	Qz	97.84	100.59	2.75	C384128			109.10	112.78	3.68	2.85	77.4%	2.03	55.2%	sw	ms	4	55	3	4		10		
								100.59-103.33 Essentially barren chl-ble CSP. Lower contact @ 30 degrees marked w/ Qz-Ca-Py VTS then into Dark GY fresh CSP.	chl	ble	Qz	Fd	Ca		100.59	103.33	2.74	C384129			112.78	115.82	3.04	2.99	98.4%	2.53	83.2%	sw	ms	5	25	1	2		10		
																				115.82	118.87	3.05	2.82	92.5%	2.40	78.7%	mw	s	8	30	3	3		11			
		103.33	112.47	9.14	ALT	MSP		Dark GY, slightly chl altered, weakly magnetic MSP. Overall poorly mineralized, Ca VTs-barren. Very patchy zones of chl alteration (minor). Minor increase in He on Fx.	ser	chl	Ca				103.33	106.38	3.05	C384130			118.87	121.92	3.05	3.01	98.7%	2.47	81.0%	sw	ms	4	25	4	3		10		
								106.38-109.42m pale GR epi alt, ble MSP Spotty Py mzn-disseminated and within Ca VT approximately parallel to the c-axis. Patches of ser alt GRD with minor zones of ble rare Ca VT parallel to c-axis.	chl	ble	ser	Py	Ca		106.38	109.42	3.04	C384131			121.92	124.96	3.04	2.87	94.4%	2.49	81.9%	sw	s	2	40	3	3		11		
								109.42-112.47m Fresh CSP with minor zones of ble rare Ca VT (2mm-25deg) with Py and t Sp.	ser	ble	Py	Sp			109.42	112.47	3.05	C384132			124.96	128.02	3.06	2.91	95.1%	2.42	79.1%	fr	s	5	45	2	1		11		
																				128.02	131.06	3.04	2.88	94.7%	1.98	65.1%	sw	ms	10	50	2	2		9			
		112.47	116.12	3.65	ALT	CSP		Gradational contact from magnetic ser CSP into light GY-WH sodic-fec alt CSP. Rare Py in matrix and Fx. Ca VT at 15 deg. Overall poor mineralization. Fx surfaces have WH carbonate precipitate. 50 deg Sx-lined VT.	chl	pot	Fd	Qz	Hb	Bi	112.47	116.12	3.65	C384133			131.06	134.11	3.05	2.69	88.2%	1.94	63.6%	mw	s	4	40	2	3				

HOLE: ID-07-01

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PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							ALT.		MINERALS					SAMPLES							Blocks			GEOTECHNICAL						JOINTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier															Notes:	From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							Notes:	ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL				JOINTS						
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Altitude	Shape	Roughness
Type	Attitude															(m)		Percent	(m)		Percent															
		180.18	190.30	10.12		ALT CSP		Very rubbly and GY coated rock. Gradual contact into FG, bleached, epi-chl CSP. Mineralization is Py in Qz ST-micro Fx. Muscovite mica present with t BK Sx blebs and Qz Fx-mostly barren. Small GY gaugy zones over 40 cm	chl	ble		Qz	Py	Ms		180.18	184.10	3.92	C384154				230.73	233.48	2.75	3.01	109.5%	2.70	98.2%	fr	w	3	55	3	4	10
								184.10-187.20m Top metre of interval is almost brecciated. Sil-epi CSP with zones of dark GY FG MSP separated from FG CSP by Py, Sp mineralized Qz-Ca VT ~ parallel to c-axis. Micro Fx-sparse. Minor Py STW zones.	sil	chl		Qz	Ca	Py	Sp	184.10	187.20	3.10	C384155				233.48	236.52	3.04	2.71	89.1%	2.09	68.7%	fr	ms	6	60	3	2	10
								187.20-190.30m top of interval is sil-epi DIO, bottom is less sil rich chl altered. Mineralization is Py in stringers and occasionally as disseminations with a mafic Sx (not Sp). 40cm zones of v FG GY MSP with moderate disseminated Py and BK Sx.	chl	pot	sil	Py	Sx?			187.20	190.30	3.10	C384156				236.52	237.74	1.22	1.33	109.0%	1.31	107.4%	fr	w	4	55	4	3	9
																						237.74	240.79	3.05	3.06	100.3%	2.74	89.8%	sw	vw	5	45	4	4	8	
		190.30	199.34	9.04		ALT CSP		Sodic-ser-CSP with increased silicification as EN around STW VT. < 1cm Qz-Ca VT with Py, Sp and t Gn and black Sx. Overall poor mineralization.	pot							190.30	193.55	3.25	C384157				240.79	243.84	3.05	3.09	101.3%	2.82	92.5%	fr	vw	7	45	3	3	10
								193.55-196.45m sodic-ser CSP with Qz-Ca VTs hosting Py, rare Sp. Bleached EN around VTs. Poor overall mineralization.								193.55	196.45	2.90	C384158				243.84	246.89	3.05	2.86	93.8%	2.71	88.9%	fr	ms	6	45	3	3	12
								196.45-199.34m epi-ble-sil alt CSP. More silicification and VTs of Py, Sp with t Gn at 50 deg, 1/4 turn opp direction 60 deg. VT of Py and Sp (fine).								196.45	199.34	2.89	C384159				246.89	249.94	3.05	2.99	98.0%	2.69	88.2%	fr	ms	6	50	4	3	10
																						249.94	252.98	3.04	3.02	99.3%	2.13	70.1%	mw	vw	3	35	3	3	8	
		199.34	201.93	2.59		FRESH CSP		Fresh, weakly chl fresh CSP. Pale altn EN around Ca VTs. Sparse Py in VTs.								199.34	201.93	2.59	C384160				252.98	256.03	3.05	2.97	97.4%	2.68	87.9%	fr	vw	8	50	4	3	11
																						256.03	259.08	3.05	2.98	97.7%	2.98	97.7%	fr	ms	4	45	2	2	12	
		201.93	203.91	1.98		ALT CSP		Epi-ser alt CSP with minor silicification, small zones of BK Sx with OR-RD pits. Lower contact looks like it doesn't belong (broken but neither piece shows evidence of the other rock type.)								201.93	204.83	2.90	C384161				259.08	262.13	3.05	3.06	100.3%	3.01	98.7%	fr	ms	5	45	3	3	12
																						262.13	265.18	3.05	2.90	95.1%	2.58	84.6%	fr	ms	1	60	1	2	11	
		203.91	209.91	6		FG DYKE		very FG DIO dyke, dark GY-BL in colour. GR alt zones when Ca VTs in STW. No mineralization associated with VTs (60-65) Blebby-very FG zone of silver metallic minerals with silver scratch As?														265.18	268.22	3.04	2.89	95.1%	2.78	91.4%	fr	ms	2	60	1	2	12	
								At 204.83m ble becomes more prominent and density of Py with m Sp micro VTs and STW Fx increases. Rare Ca VT with Py, Sp and t Gn.	ble	sil						204.83	207.37	2.54	C384162				268.22	271.27	3.05	2.91	95.4%	2.91	95.4%	fr	ms	1	60	2	3	14

HOLE: ID-07-01

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PROPERTY: Idaho Creek

HOLE: ID-07-01

Struct.		LITHOLOGY							ALT.		MINERALS				SAMPLES							Blocks			GEOTECHNICAL				JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier			From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC	RQD	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage								
Type	Attitude																																	
		237.81	240.40	2.59	FRESH CSP					Py	Mo	Sp		237.81	240.40	2.59	C384174																	
		240.40	241.77	1.37	BRECCIA					Py	Sp	Sx? Gn		240.40	241.77	1.37	C384175																	
		241.77	249.39	7.62	TRANSITION									241.77	245.58	3.81	C384176																	
														245.58	249.39	3.81	C384177																	
		249.39	250.90	1.51	ALT CSP									249.39	250.90	1.51	C384178																	
		250.90	256.40	5.5	ALT CSP					Py	Sp	As	Gn	250.90	253.65	2.75	C384179																	
														253.65	256.40	2.75	C384180																	
														BLANK			C384181																	
		256.40	259.45	3.05	ALT CSP									256.40	259.45	3.05	C384182																	
		259.45	269.21	9.76	ALT CSP									259.45	262.70	3.25	C384183																	
														262.70	265.95	3.25	C384184																	
														265.95	269.21	3.26	C384185																	

PROPERTY: Idaho Creek

HOLE: ID-07-01

LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL				JOINTS				
Struct.		From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage			
Type	Attitude																			(m)	Percent	(m)	Percent										
		269.21	278.35	9.14		Kf	GRANITE	Classic medium-coarse grained GRANITE with < 4mm Bi-Hb XT. State to see replacement of Bi with Py and dark DY-dull Sx. Rep taken. Quite silicified. Minor OR-RD haloes on small black Sx XT.								269.21	272.14	2.93	C384186														
								272.14 - 275.07m Altered GRANITE-ble and w mzd. Still primarily Py in 2mm VTs.								272.14	275.07	2.93	C384187														
								275.07-278.35m same as previous.								275.07	278.35	3.28	C384188														
		278.35	283.84	5.49		FRESH	CSP	Transitional zone into dark GY-BL chl CSP with zones of bleaching (all under 30 cm). 80 deg Ca VT 2 mm with Py, Sp and t Gn. Minor Jasper on thin VTs.								278.35	281.10	2.75	C384189														
								281.10-283.84m 0.5m of very FG, DIO Dyke. Almost BK with ble regular GRD. VTs abundant but WH VTs cut unit. Overall poorly mineralized.								281.10	283.84	2.74	C384190														
		283.84				FRESH	CSP	Completely GR-BK fresh CSP. Weakly chl altered with occasional Fx and VTs. Epidote EN and t amounts of Jasper on Fx-rare. Rarely there is <10 cm GF mafic DIO dyke xenolith within rock. Mineralization is spotty Py and continues right to EOH.								283.84	287.58	3.74	C384191														
																287.58	291.31	3.73	C384192														
																291.31	295.04	3.73	C384193														
																295.04	298.78	3.74	C384194														
																			EOH														

PROJECT

PROPERTY: IDAHO CREEK

Easting	Northing	Elev.	Depth (m)
			323.17

HOLE: ID-07-02

Contractor: BEAUDOIN DIAMOND DRILLING
Drill:

Core size: BTW
Cassing depth: 3.05 (m) in/out

Drilling dates: JUNE 26-JUNE 30, 2007

Logged by: HEATHER SMITH

Target: _____

[illegible]

SAMPLES
Numbers: C384196-C284267
Total:
Date sent:

COMMENTS
The samples listed above were the original samples taken. "Infill" samples were completed and shipped to town to be held onto pending the results from the first batch of ID-07-02 samples.

PROPERTY: Idaho Creek

HOLE: ID-07-02

LITHOLOGY								Notes:	ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS						
Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier					From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage	
																								(m)	Percent	(m)	Percent								
		0.00	5.79	5.79		FRESH CSP			Casing and top 5.79m of hole MG w chl alt CSP. OR-lined FX common. Weakly magnetic-no mzn. REP taken for XY. Bi alt.	ser				0.00	5.79	7.79	C384195			0.00	3.04	3.04	1.09	35.9%	0.21	6.9%	ew	ew						4	
		5.79	8.84	3.05		ALT CSP			TN-BR alt CSP. Fx coated with OR-RD lim and thin layer of metallic GY mineral-Sx? Very thin, almost powder. Manganese dendrites along Fx and VT. ~40cm almost brecciated Ca-Qz with ample charcoal BK XN with Gn, Sp and pits of lim. Blebbly mineralization followed by dirt/gauge.			Ca	Gn	Sp	5.79	8.84	3.05	C384196			3.04	6.07	3.03	2.20	72.6%	1.35	44.6%	vw	w	6	55	2	3	6	
		8.84	24.48	15.64		FRESH CSP			weak chl alt GRD with lim Fx surfaces. Small, barren VTs (20-80 deg) with alt EN. 10 cm TN-BR alt GRD. Directly below zone Fx has SIDERITE (cleavage correct!) with metallic grey 'bulbous' very fine Sx mineralization. Very weak XT with Py blebs.	ser		sid	Py		8.84	11.89	3.05	C384197			6.07	7.92	1.85	1.78	96.2%	0.52	28.1%	vw	w	9	40	3	4	6	
									Occasionally very thin <1mm Ca VT with He at 80 deg. Fx surfaces OR-YW carbonate, limonite or very well formed siderite. From 15-15.24m very lim rich zone-lots of rubble.			He		11.89	15.24	3.35	C384198			7.92	9.14	1.22	1.06	86.9%	0.70	57.4%	mw	w	11	35	3	4	7		
									15.24-24.48m same rock but with less Py (n-) and very weak Fx coating.										9.14	12.19	3.05	2.91	95.4%	2.68	87.9%	sw	ms	4	60	2	2	10			
		24.48	25.48	1		SODIC CSP			1m zone of very BR-OR limonite altered sodic CSP. Fractured intensely, minor amounts of very weak, silver Sx-Mo? On Fx. Typical dark GY, fresh CSP (minor ser alt of Bi). Moderately to strongly magnetic. Up to 20 cm XN of FG dyke as <5cm circular inclusions. Weak to 1 lim on Fx at 40 deg. Barren.					24.48	25.28	1.00	C384199			12.19	15.24	3.05	2.79	91.5%	2.48	81.3%	sw	ms	5	35	3	2	9		
		25.48	44.96	19.48		FRESH CSP			Clast supported ppy with XN of matrix supported ppy within it. Fine XN and occasional Ca/Qz VT.					25.28	28.53	3.25	C384200			15.24	18.29	3.05	2.85	93.4%	2.85	93.4%	sfr	ms	4	40	3	3	10		
		28.43	41.98	13.55		C.S.P								28.43	31.82	3.39	C384451																		
														31.82	35.21	3.39	C384452																		
														35.21	38.60	3.39	C384453																		
														38.60	41.91	3.31	C384454																		
									41.91-44.96m sample of chl alt CSP taken to be the 'upper country rock package' about the unit described below.					41.91	44.96	3.05	C384201			18.29	21.34	3.05	2.81	92.1%	2.65	86.9%	fr	ms	5	65	2	2	11		
		44.96	54.56	9.6		DYKE			Very FG DIO dyke. Fine (<1m) Ca VT barren at 60 deg with GR alt Ca VTs opp direction 35 deg. Little VT with cryptic He. Lim coated Fx at 1/4 turn, opposite direction 45 deg. No mineralization. 10cm zone of lim-rich rubble with coating of silver-grey, soft/friable coating with BK scratch and streak. End of interval has 0.75cm Ca VT with He blebs. Matrix of dyke not mineralized. REP TAKEN.			He		44.96	47.70	2.74	C384202			21.34	24.38	3.04	3.06	100.7%	2.85	93.8%	fr	w	5	50	3	3	12		
									47.70-51.13m DIO dyke sample has shallow (20) Ca VT with Jasper (doesn't scratch) and Py in them. Pale GR EN around VTs. Rare lim filled Fx.			Jas	Py	47.70	51.13	3.43	C384203			24.38	27.43	3.05	2.90	95.1%	2.15	70.5%	mw	w	5	45	2	3	10		
									51.13-54.56m same dyke unit with weak Ca VT and associated Jasper. Small 12cm zone of bleached Qz/Ca VT (2 cm) with disseminated Py. Minor lim on Fx.			Ca	Qz	Js	Py	51.13	54.56	3.43	C384204			27.43	30.48	3.05	3.08	101.0%	2.85	93.4%	sw	ms	7	45	3	3	10

PROPERTY: Idaho Creek

HOLE: ID-07-02

LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage					
																				(m)	Percent	(m)	Percent												
		54.56	63.25	8.69	ALT	CSP			Start of interval is slightly ble-likely due to Qz/Ca VTs (and contact metamorphism-hydrothermal alteration). Fx rarely lim rich. Dom Fx 45-60 deg. XN of FG DIO dyke (8cm) Fx typically unmdz.		54.56	57.61	3.05	C384205			30.48	33.53	3.05	2.96	97.0%	2.53	83.0%	fr	s	3	55	3	2	10					
									57.61-60.43m same as previous sample but with less VTs.		57.61	60.43	2.82	C384206			33.53	36.58	3.05	2.88	94.4%	2.67	87.5%	fr	w	2	40	4	3	12					
									60.43-63.25m interesting zone at bottom of interval. Zones of intense ble and also Fx. Country rock barren byt 2x40cm zones of strong limonite, BK Sx, BORNITE! (peacock irredescene very noticable) On Fx surfaces but not overly abundant. Bottom contact looks as though it could be in an area of brecciation although core only has one angular clast (4cm by 2.5cm)																										
		63.25	67.97	4.72		Kf	GRANITE		Non-magnetic, 15-20% Bi, MG GR-GY GRANITE, quite silicified, weak Ca VTs with He, Sp and Py blebby in matrix. VTs have small dark GR alt EN. 14cm FG dyke XN-50deg upper contact, 40 deg lower contact.																										
									Top 12 cm is very bright GR chl alt GRANITE with OR-BR alteration. Rock is very silicious and has an overall PK-OR colour-due to alteration or hydrothermal fluids? Mzn consists of rhombic Sp with He/Jasper (sometimes it scratches, sometimes it won't). Odd pastel-OR, weak mineralization. Weak VT @65deg. REP sample taken.																										
		67.97	71.32	3.35	ALT	GRANITE			50cm dyke XN within sample-barren but has weak lim Fx. End of interval has slight increase in Sp. Bottom contact very abrupt. I feel that the drillers dropped/F-ed up this especially since it's right at the end of a 10' run.		67.97	71.32	3.35	C384210			45.72	48.77	3.05	2.68	87.9%	2.63	86.2%	sw	ms	1	45	2	2	13					
		71.32	75.46	4.14		FRESH	CSP		CSP with rare XN of FG dyke. Dom Fx at 45 deg weak OR coating.	pot		71.32	75.46	4.14	C384455																				
		75.46	79.42	3.96	ALT	CSP			Bleached, moderately silicified CSP M-h Ca VTs-STW with dom Py mzn. Rare Fx will be PU-stained. Incr in chl and epi (small stringers) with Py having OR haloes.	phy		75.46	79.42	3.96	C384211			0.00	57.91	57.91	3.04	5.2%	281.00	485.2%	fr	ms	3	40	4	3	11				
									At 76.52m rock becomes more friable and pitted. Sx amount increases-Py, Sp as up to 1cm semi massive bands with Ca VTs as blebs. Still with rare epi XT <3mm. Sp and Py dominant Sx with t-w Gn present in bands (60 and 20 deg) STW.	phy			Py	Sp	Ca	Gn																			
		79.42	83.54	4.12		CLY/GAUGE			Range/variety of colours (GY-PK-TN-BR) gauge and rock mixture. The PK is most coherent, GY and BR clay/rock has 'pocky' texture surface. No vis mineralization. Med GY gguge is the 'smoothest' of all.			79.42	83.54	4.12	C384212			57.91	60.96	3.05	2.91	95.4%	2.79	91.5%	sw	ms	2	40	2	3	12				
		83.54	95.43	11.89	ALT	CSP			Pale FR ser-chl alt, bleached CSP with incremental zones of very BR-TN alteration and weathering.			83.54	86.51	2.97	C384214			60.96	64.01	3.05	2.89	94.8%	2.48	81.3%	sw	s	4	50	3	3	9				

HOLE: ID-07-02

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PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.	LITHOLOGY								Notes:	ALT.		MINERALS				SAMPLES						Blocks			GEOTECHNICAL						JOINTS						
	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier							From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness
																											(m)	Percent	(m)	Percent							
			127.51	130.10	2.59		ALT GRANITE			pale-medium GR chl alt GRANITE with irregular patches of OR-BR alteration/weathering. Phyllic facies (Granite) Rare He XT. In some areas Bi alt and partial rep with He. Rare deep lim pits towards end of interval becomes more broken.			Bi	He										93.57	95.71	2.14	2.21	103.3%	1.92	89.7%	sw	vs	6	40	3	3	11
			130.10	150.70	20.6		FRESH CSP			Fresh CSP, strongly magnetic. Minor pale OR coated Fx. Hb being replaced. Rare Py blebby mineralization. Hairline Ca VTs-sparse with occasional <1cm Ca VT.													95.71	97.54	1.83	1.87	102.2%	1.87	102.2%	fr	s	2	35	1	2	12	
			130.10	134.11	4.01		Fresh M.S.P			Matrix supported, fresh ppy with <1.3cm Hb, t Cp.					130.10	134.11	4.01	C384462																			
			134.11	137.16	3.05		M.S.P			Matrix supported PPY with 1cm Qz VT each with 10" alt packages-epidote bleaching-into iron carbonate					134.11	137.16	3.05	C384463																			
			137.16	139.85	2.69		Fresh C.S.P			Fresh clast supported porphyry, minor VTs with chlorite alteration EN and minor XN of M.S.P and FG-Hb rich dyke.					137.16	139.85	2.69	C384464																			
			139.85	142.69	2.84		C.S.P			Clast supporte porphyry with bleached Fx EN.					139.85	142.69	2.84	C384465																			
			149.50	151.18	1.68		M.S.P			Matrix supported ppy, last 1.5'-pale GY sericite alt.					149.50	151.18	1.68	C384466																			
										From 134.60-136.59m zone of increased ble-sil due to Ca VT? Small XN of FG mafic DIO dyke with Bi replacement and RD-PK tinge He and Bx Sx?													97.54	100.58	3.04	3.01	99.0%	2.36	77.6%	fr	s	6	40	3	3	10	
										Sample is representative of the whole interval													100.58	103.63	3.05	3.06	100.3%	3.00	98.4%	fr	ms	5	45	3	3	13	
										142.69-146.19m hairline Ca VT with He/Jasper (barely scratches). Approximately parallel to c-axis. Larger Ca VT (50-60)-barren. Occasional FG XN.					142.69	146.19	3.50	C384223					103.63	106.68	3.05	2.78	91.1%	2.28	74.8%	mw	w	3	45	3	4	10	
										146.19-149.50m same as previous samples taken to represent rock type for this interval.					146.19	149.50	3.31	C384224					106.68	109.73	3.05	3.01	98.7%	2.85	93.4%	fr	s	3	50	3	3	12	
			150.70	154.57	3.87		ALT CSP			150.70-151.30m Pale to medium GY CSP. Hb and Bi and Fd replacement/alteration. Fx surfaces are a vibrant OR. XN of FG sodic-epidote CSP. Upper contact is represented by a 1 cm Va VT -80 deg to c-axis. Then into GY-WH MG weakly epi alt CSP with t Kf same unit as 124.47 to 127.51m.													109.73	112.78	3.05	2.96	97.0%	2.68	87.9%	sw	ms	5	40	2	2	11	
			151.18	154.53	3.35		Alt Granite			Epidote altered Granite with iron carvonnate BR Fx. 2x6" Pockets with sodic alteration.					151.18	154.53	3.35	C384467																			
			154.57	158.84	4.27		Kf GRANITE			PK-GY weakly Bi altered GRANITE with rare XN. Ca VT-rare-at 65 deg, t He blebs.	chl		Bi										112.78	115.82	3.04	2.98	98.0%	2.61	85.9%	mw	ms	7	50	3	4	9	
			154.53	158.84	4.31		Fresh Granite			Fresh Kf Granite. 1x 3cm band M.S.P at 75deg.					154.53	158.84	4.31	C384468																			
			158.84	163.90	5.06		ALT CSP			pale GR-GY epi alt CSP with very minor mafic component. Ca VTs sparse. Overall weak mzn. 2mm (65) Qz VT with Py and t Sp. One 10cm Qz flooded zone with Py, Sp, w Gn and metallic GY Sx-non-magnetic. Semi massive-very short section. Rare muscovite ST.			Py	Sp									115.82	118.87	3.05	2.73	89.5%	2.70	88.5%	fr	ms	2	40	3	3	12	
										161.85-163.90m same as prev with increase in OR-BR weathering in country rock and along Fx (60). Weak to no mineralization-very weak disseminated Py.					161.85	163.90	2.05	C384226					118.87	121.92	3.05	2.93	96.1%	2.69	88.2%	fr	ms	5	35	3	4	12	

PROPERTY: Idaho Creek

HOLE: ID-07-02

LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL								JOINTS						
Struct.	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage								
																					(m)	Percent	(m)	Percent															
			163.90	165.78	1.88		ALT MSP			ble sil		BK Sx Qz	Py	Sp			163.90	165.78	1.88	C384227					121.92 124.37	124.37 127.41	2.45 3.04	2.47 3.02	100.8% 99.3%	1.89 3.02	77.1% 99.3%	sw fr	w ms	7 4	30 45	3 4	2 3	10 12	
			165.78	173.17	7.39		FRESH CSP			pot							165.78 169.48	169.48 173.17	3.70 3.69	C384228 C384229					127.41 130.15	130.15 131.06	2.74 0.91	2.85 0.82	104.0% 90.1%	2.24 0.78	81.8% 85.7%	sw fr	ms	7 2	50 40	3 3	4 3	10 11	
			173.17	176.63	3.46		TRANSITIONA										173.17	176.63	3.46	C384230					131.06	134.11	3.05	2.87	94.1%	2.81	92.1%	fr	ms	4	40	1	3	12	
							ALT CSP																		134.11	136.55	2.44	2.50	102.5%	2.16	88.5%	sw	w	5	45	2	3	10	
			176.63	179.37	2.74		ALT CSP										176.63	179.37	2.74	C384231					136.55	139.60	3.05	3.05	100.0%	2.99	98.0%	fr	w	3	40	3	4	12	
			179.37	186.84	7.47		FRESH CSP					He					186.84	190.20	3.36	C384232					139.60	142.65	3.05	2.92	95.7%	2.74	89.8%	fr	ms	4	35	4	3	12	
			179.37	183.49	4.12		M.S.P										179.37	183.49	4.12	C384469																			
			183.49	186.84	3.35		M.S.P										183.49	186.84	3.35	C384470																			
			186.84	193.55	6.71		ALT CSP										190.20	193.55	3.35	C384233					142.65	144.78	2.13	1.88	88.3%	1.64	77.0%	sw	s	6	25	2	3	10	
			193.55	195.07	1.52		ALT CSP										193.55	195.07	1.52	C384234					144.78	147.83	3.05	2.97	97.4%	2.90	95.1%	fr	s	5	45	3	2	12	
			195.07	198.18	3.11		ALT CSP										195.07	198.18	3.11	C384235					147.83	149.35	1.52	1.65	108.6%	1.43	94.1%	fr	ms	3	55	2	2	11	
			198.18	201.93	3.75		RUBBLE										198.18	201.93	3.75	C384236					149.35	152.40	3.05	3.07	100.7%	3.07	100.7%	fr	w	4	35	3	3	12	
			201.93	208.79	6.86		DYKE										201.93	205.36	3.43	C384237					152.40	155.45	3.05	2.59	84.9%	2.12	69.5%	sw	w	6	40	3	4	11	

HOLE: ID-07-02

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PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage				
																					(m)	Percent	(m)	Percent											
			230.74	232.89	2.15		C.S.P					230.74	232.89	2.15	C384472																				
			232.87	243.89	11.02		GRD																												
			232.89	235.92	3.03		Fresh C.S.P					232.89	235.92	3.03	C384473																				
			235.92	240.60	4.68							235.92	240.60	4.68	C384474																				
			240.60	243.84	3.24							240.60	243.84	3.24	C384475																				
			243.87	245.39	1.52		TN-GY Dyke																												
			245.43	248.78	3.35		C.S.P					245.43	248.78	3.35	C384477																				
			248.78	251.52	2.74		C.S.P					248.78	251.52	2.74	C384478																				
			245.39	249.78	4.39		FRESH CSP																												
			248.78	251.52	2.74		C.S.P					248.78	251.52	2.74	C384478																				
			249.78	252.98	3.2		TRANSITIONA																												
			251.52	252.09	0.57		Alt C.S.P					251.52	252.09	0.57	C384479																				
			252.09	282.55	30.46		ALT CSP					252.09	256.79	4.70	C383250																				
												256.79	259.84	3.05	C384251																				
												259.84	263.35	3.51	C384252																				
												263.35	265.79	2.44	C384253																				
							ALT MSP					265.79	268.59	2.80	C384254																				

PROPERTY: Idaho Creek

HOLE: ID-07-02

LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
Struct.	Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Invl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage				
																					(m)	Percent	(m)	Percent											
										265.79-271.67m much paler GR, chl-musc alt CSP with rare Ca VT (15-25deg). <5mm hairline micro-ST with Py and dark Sx (?) t-w. Py dominant. Sx content is low. Small TN silicified zones. WH-non calcareous coating on Fx surfaces.	268.59	271.67	3.08	C382355				215.80	221.89	6.09	2.94	48.3%	2.64	43.3%	mw	ew	6	45	4	3	9				
										271.67-276.00m medium to coarse grained pale GY to LT OR, Kf-rich, fec and epi CSP. XT are up to 6mm. Micro ST-STW and Py replacing Bi in spots. Kf, alt Fd, muscovite, and Bi alteration are all present. Very fine micro-Fx with Py, fine BK Sx, Sp and t Gn-the density of these increases towards the end of the sample.	271.67	276.00	4.33	C384256				221.89	222.20	0.31	0.29	93.5%	0.00	0.0%	mw	ew			5	3	4				
										276.00-277.67m Dark GY, w epi alt MD GR alt CSP. Fd grains very noticeable. Crackle-textured with very fine micro Fx and STW lined with mafic Sx. One 2cm zone of semi massive Py. Sp and m Gn associated with the Ca VTS.	276.00	277.67	1.67	C384257				222.20	225.25	3.05	2.94	96.4%	2.78	91.1%	mw	ew	8	50	4	3	10				
										277.67-280.29m First half of the interval is ble CSP with rare mafic VT, other half is medium GY with weak Ca VTs cutting GRD. Overall mineralization is not good.	277.67	280.29	2.62	C384258				225.25	228.30	3.05	3.11	102.0%	2.59	84.9%	sw	vw	6	50	3	3	10				
										280.29-282.55m Final sample in very long transition zone! Moderate to strong epi, muscovite, and BR-alt fec alt CSP. STW mineralization of Py, Sp and t Gn. Semi massive 2cm band at 70 deg. Py with w-t Sp and t Gn.	280.29	282.55	2.26	C384259				228.30	231.34	3.04	2.91	95.7%	2.42	79.6%	fr	ms	5	40	3	3	11				
			282.55	289.86	7.31		FRESH CSP			Moderately magnetic, Bi altered GRD. Small zones of ble (from Ca VTs). Absence of micro ST/Fx and mineralization in general. Chl Kf-alt clast supported ppy. No XN-rare hairline Fx.							231.34	234.39	3.05	3.07	100.7%	2.65	86.9%	fr	w	5	45	3	2	12					
			282.55	285.51	2.96		Chl-Kf C.S.P			Strong chl alt C.S.P with small zones of fresh C.S.P. Poorly Fx-VT. Small FG XN. Sericite altered zones around Ca VTs	282.55	285.51	2.96	C384480																					
			285.51	288.60	3.09		Str Chl Alt C.S.			(density has increased)	285.51	288.60	3.09	C384481																					
			288.60	291.46	2.86		Alt C.S.P			Sericite altered zones around Ca VTs (density has increased)	288.60	291.46	2.86	C384482																					
			288.60	291.46	2.86		Alt C.S.P			Sericite altered zones around Ca VTs (density has increased)	288.60	291.46	2.86	C384482																					
			291.46	294.29	2.83		Alt C.S.P.			Ser chl alt clast supported ppy	291.46	294.29	2.83	C384483																					
			294.29	297.18	2.83		M.S.P			Chl alt matrix supported ppy. Fd-alt main XT. Heavy chl on Fx. Small (6") zones of ser around Ca VTs. Fine Py disseminated.	294.29	297.18	2.89	C384484																					
			289.86	297.18	7.32		TRANSITIONA			Incredibly varied, very small sections of light and dark alteration/phases of CSP. Moderate to strong ser alteration and weak to moderate chlorite alteration with zones of bleaching. Mineralization is insignificant in this zone.																									
			297.18	298.70	1.52		FRESH CSP			Fresh CSP with t-w Ca VTs.								237.44	240.49	3.05	2.84	93.1%	2.33	76.4%	fr	ms	3	35	3	3	12				

PROPERTY: Idaho Creek

HOLE: ID-07-02

Struct.		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS						
Type	Altitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breitage										
																				(m)	Percent	(m)	Percent																	
		298.70	301.90	3.2		ALT MSP			Moderate sericite alteration of matrix supported porphyry. Small zones of bleaching associated with rare VTs. Py disseminated with t, t Gn. Small zones of fresh porphyry and minor sauceritization (almost teal altn of Fd) of Fd. Micro VT of dark Sx and 70 deg. 2cm zone/band of Py rich mineralization with Sp, other BK Sx and t Gn. Small zone of breccia with Py and BK Sx coexisting as fine disseminations.							298.70	301.90	3.20	C384260						240.49	240.80	0.31	3.30	1064.5%	0.11	35.5%	fr	w	4	40	2	2	5		
																BLANK			C384261							240.80	243.84	3.04	2.72	89.5%	2.61	85.9%	sw	ms	7	55	1	2	10	
		301.90	309.37	7.47		FRESH MSP			Primarily fresh, matrix supported porphyry. Small 8" bleached-sericite altered zones. Qz VTs all have chl altn EN. Sparse disseminated Py within ser-alt porphyry. Py and t Sp in odd VT.							301.90	305.64	3.74	C384262							243.84	246.89	3.05	2.97	97.4%	2.71	88.9%	fr	w	4	40	3	3	13	
																305.64	309.37	3.73	C384263							246.89	249.94	3.05	2.96	97.0%	2.56	83.9%	fr	w	7	50	3	2	10	
		309.37	312.72	3.35		ALT CSP			Moderately silicified sericite-chlorite altered, clast supported ppy with w-m Qz VT. Very small zone of sodic, Kf-altered and sauceritized Fd XT. Net-fingering of hairline chlorite typically irregular blebs of Py with rare VTs.							309.37	312.72	3.35	C384264							249.94	252.98	3.04	2.78	91.4%	2.43	79.9%	fr	w	8	50		2	11	
		312.72	315.40	2.68		ALT MSP			First metre is chlorite rich, fine grained, silicified pophyry then into epidote altered, clast supported porphyry with weak Py and t Sp. VTS for 30 cm in more Fx-ed zone mid sample.							312.72	315.40	2.68	C384265							252.98	256.03	3.05	2.98	97.7%	2.76	90.5%	fr	ms	5	35	2	2	12	
		315.40	316.84	1.44		DYKE			very FG mafic dyke. M-s magnetic with pale alteration EN. Bleached for 4" at both ends.							315.40	316.84	1.44	C384266							256.03	259.08	3.05	2.91	95.4%	2.71	88.9%	fr	ms	4	50	3	2	12	
		316.84	320.95	4.11		ALT CSP			Epidote-sericite altered, clast supported porphyry with rare chl on Fx surface. Small Py rich VT-4 over 40cm-80 deg. Rare hairline dark ST. NOTE: xenolith of sericite-altered clast supported porphyry with chlorite stringers-4cm.							316.84	320.95	4.11	C384267							259.08	262.13	3.05	2.99	98.0%	2.57	84.3%	fr	w	8	40	2	2	10	
									*****EHO*****																		262.13	265.17	3.04	2.89	95.1%	2.15	70.7%	mw	ew	12	50	2	1	11
																											265.17	268.22	3.05	2.93	96.1%	2.76	90.5%	sw	s	7	45	2	2	11
																											268.22	271.22	3.00	2.97	99.0%	2.66	88.7%	fr	w	4	35	3	3	12
																											271.22	274.32	3.10	2.96	95.5%	2.50	80.6%	fr	w	6	40	3	3	10
																											274.32	276.76	2.44	2.25	92.2%	1.96	80.3%	mw	vw	8	55	3	3	9
																											276.76	277.37	0.61	0.68	111.5%	0.56	91.8%	fr	w	11	45	3	3	10
																											277.37	280.42	3.05	2.45	80.3%	2.38	78.0%	fr	ms	5	40	3	2	12
																											280.42	283.46	3.04	3.08	101.3%	2.91	95.7%	fr	ms	4	35	2	2	12
																											283.46	286.51	3.05	3.05	100.0%	2.99	98.0%	fr	ms	1	55	3	3	15
																											286.51	289.56	3.05	2.89	94.8%	2.62	85.9%	fr	ms	3	45	2	3	13
																											289.56	292.61	3.05	3.03	99.3%	2.69	88.2%	fr	ms	6	50	3	2	12
																											292.61	295.66	3.05	2.96	97.0%	2.63	86.2%	fr	w	8	35	2	2	11
																											295.66	298.70	3.04	2.91	95.7%	2.73	89.8%	fr	ms	7	40	2	1	11
																											298.70	300.53	1.83	1.94	106.0%	1.55	84.7%	sw	vw	6	35	3	2	10
																											300.53	303.28	2.75	2.91	105.8%	2.63	95.6%	fr	vw	5	45	3	3	13
																											303.28	304.80	1.52	1.39	91.4%	1.25	82.2%	fr	w	3	40	2	2	12
																											304.80	307.85	3.05	3.07	100.7%	3.07	100.7%	fr	w	2	45	3	3	13
																											307.85	310.90	3.05	3.05	100.0%	2.93	96.1%	sw	w	2	50	4	3	13
																											310.90	313.94	3.04	3.05	100.3%	2.69	88.5%	sw	vw	5	40	3	3	12
																											313.94	316.99	3.05	2.90	95.1%	2.36	77.4%	sw	w	8	40	2	2	11
																											316.99	318.82	1.83	1.77	96.7%	0.96	52.5%	sw	ms	12	55	2	2	8
																											318.82	320.95	2.13	2.05	96.2%	1.66	77.9%	fr	ms	10	55	3	2	8
																											320.95		-320.95			0.0%		0.0%						

PROJECT

PROPERTY: IDAHO CREEK

Easting	Northing	Elev.	Depth (m)
		1202	

HOLE: ID-07-03

Contractor: BEAUDOIN DIAMOND DRILLING
Drill:

Core size: BTW
Cassing depth: 15.24 (m) in/out

Drilling dates: JULY 1-

Logged by: HEATHER SMITH

Target: _____

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

[illegible]

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS	

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS							
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC	RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage										
																					(m)	Percent								(m)	Percent								
		0.00	13.37	13.37		C.S.P			medium grained, clast supported porphyry with 2cm FG clasts. XN of matrix supported PPY (13cm) with 80 and 70 deg contact angles. Rare Ca VT with He. Small ser halos around VT.	ser						0.00	13.37	13.37	C384268						2.13	3.35	1.22	1.00	82.0%	0.65	65.0%	mw	w	10	65	2	3	7	
		13.37	15.93	2.56		ser C.S.P			upper contact angle ~30 deg. Weakly ser altered clast supported porphyry with minor Qz VT and thin chl alt En.				13.37	15.93	2.56	C384269									3.35	6.10	2.75	2.68	97.5%	1.89	70.5%	fr	ms	6	40	2	2	9	
									From 13.91-15.51m Fresh clast supported ppy with FG XN.																6.10	9.14	3.04	2.79	91.8%	2.15	77.1%	fr	ms	6	55		2	10	
									15.51-15.93m very OR iron carbonate altered ppy with dendritic manganese XT of moderate abundance. 6mm thin, very pale pistacho green band-weak (?)																9.14	12.19	3.05	3.03	99.3%	2.31	76.2%	sw	w	7	50	2	2	9	
		15.93	19.55	3.62		ALT GRANITE			TN-GR epidote and iron-stained GRANITE. Fx primarily EN in BR-OR 3mm EN. Rare zones of fresh Kf-granite.				15.93	19.55	3.62	C384270									12.19	15.24	3.05	2.92	95.7%	2.28	78.1%	mw	ms	8	40	4	3	10	
		19.55	20.71	1.16		C.S.P			Top 50cm very FG-silicious BR-OR alt ppy. Becomes more Fe stained with rare BK manganese VTs. End of interval (last 6") becomes epidote altered. Followed by an intense zone of rubble/cave?				19.55	22.18	2.63	C384271									15.24	18.29	3.05	3.07	100.7%	3.02	98.4%	sw	vw	6	40	3	3	12	
		20.71	22.18	1.47		CAVE																			18.29	21.34	3.05	3.00	98.4%	2.54	84.7%	sw	w	7	40	5	3	12	
		22.18	25.91	3.73		M.S.P			Fresh matrix supported ppy with weak chl alteration of Bi and Hb. 2X 6-20cm intervals of epidote-iron alteration around thin Ca VT. Much darker, FG dyke XN with t Cp. Dyke cuts 70 and 75.				22.18	25.91	3.73	C384272									21.34	24.38	3.04	2.96	97.4%	2.62	88.5%	mw	w	7	35	2	3	9	
		25.91	28.56	2.65					Dominantly BR altered, fine matrix supported ppy with Fx at 25 deg. 1x40cm interval of fresh ppy. Both Hb and Bi XT iron carbonate				25.91	28.56	2.65	C384273									24.38	27.43	3.05	2.99	98.0%	2.57	86.0%	fr	ms	7	35	3	3	12	
		28.56	50.76	22.2		FRESH C.S.P			Fresh, moderately chl alt, clast supported ppy. Fx lined with OR-alteration and minor manganese. Small, angular XN of Hb-rich FG intrusive.				28.56	31.71	3.15	C384274									27.43	30.48	3.05	3.00	98.4%	2.65	88.3%	fr	w	8	45	5	2	11	
									From 36.36-38.10m very FG, magnetic dyke. Rare blebs of Py and in one place Py and Cp XT present. Small cave zone at end of interval.				31.71	35.51	3.80	C384275									30.48	33.53	3.05	2.98	97.7%	2.30	77.2%	mw	ms	5	35	2	2	12	
													35.51	39.30	3.79	C384276									33.53	36.58	3.05	3.07	100.7%	2.63	85.7%	sw	ms	5	45	1	2	10	
									Fresh, weakly chl alt clast supported ppy. Fd XT are more distinct and Hb is more chl altered than Bi.				39.30	43.27	3.97	C384277									36.58	39.62	3.04	2.91	95.7%	2.46	84.5%	fr	ms	6	45	3	3	11	
									From 47.84-50.76m Kf XT become visible in C.S.P				43.27	47.24	3.97	C384278									39.62	42.67	3.05	2.94	96.4%	2.34	79.6%	fr	ms	6	50	2	3	12	
		50.76	54.23	3.47		M.S.P			Breakages of rock become much more abundant. Transition of unit from clast to matrix supported ppy, w-m chl alt of Bi																42.67	44.50	1.83	1.50	82.0%	1.21	80.7%	fr	ms	4	55	3	2	11	
									From 51.60-53.15m BR iron carbonate alteration. Trace Py mineralization-disseminated. Iron carbonate Fx and VTs.																44.50	45.72	1.22	1.30	106.6%	1.09	83.8%	sw	ms		4	55	3	3	10
		54.23	55.59	1.36		ALT C.S.P			Weak chlorite and iron carbonate altered clast supported ppy. Weakly disseminated Py flecks. Mod Fx.																45.72	47.24	1.52	1.23	80.9%	0.66	53.7%	mw	ms	5	50	4	2	11	

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LITHOLOGY									Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS			
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage					
																				(m)	Percent	(m)	Percent												
		55.59	68.14	12.55	FRESH	C.S.P			Fresh, moderately chlorite altered clast supported ppy. 6cm dyke of very VG Bi and Hb with trace Py and n-t Cp. 80-85deg contact angles. Fe carbonate coated VT cuts both ppy and FG dyke. Very fine stringers of He. Almost no VTs or Fx's.									47.24	50.29	3.05	2.85	93.4%	2.46	86.3%	fr	ms	6	50	5	3	8				
									At 64.01m minor manganese nodules on OR-Fx surface. Followed by a 6" zone of chl (and ser alt of Bi) matrix supported ppy-XN? Trace As.									50.29	51.82	1.53	1.41	92.2%	0.65	46.1%	sw	ms	9	45	3	2	9				
		68.14	71.46	3.32	ALTERED	M.S.			chl-iron carbonate altered, matrix supported ppy. Thin (2mm) Ca VTs with blebs of Py, Sp and t Gn. In ppy itself, very fine-weakly disseminated t Py and Cp. Last 0.86m of the interval is very blocky. Iron carbonate altered (w epidote) matrix supported ppy.				68.14	71.45	FALSE	C384279			51.82	54.86	3.04	2.70	88.8%	1.16	43.0%	mw	ms	9	35	3	2	10			
		71.46	84.99	13.53	FRESH	M.S.P			Fresh matrix supported ppy with rare hairline Ca VTs-chl alt EN associated with them. Fine Jasper (? Could be He but requires a lot of force to scratch) in hairline Fx.				71.46	75.06	3.60	C384280			54.86	57.91	3.05	2.98	97.7%	2.59	86.9%	fr	w	6	45	2	2	12			
									From 76.07-76.71m small zone (XN?) of chl alt BR-altered, clast supported ppy. Trace Cp blebs-rare in very fine matrix.				75.06	78.66	3.60	C384281			57.91	60.96	3.05	2.87	94.1%	2.43	84.7%	sw	ms	7	45	2	2	11			
									83.30-83.45m XN of clast supported ppy. To 84.99m rock is very chl altered with occasional BR-lined FX. Small XN of very FG Hb-rich intrusive. Small flecks of As.				78.66	81.83	3.17	C384282			60.96	64.01	3.05	2.95	96.7%	2.95	100.0%	fr	ms	9	50	1	2	10			
													81.83	84.99	3.16	C384283			64.01	67.06	3.05	3.05	100.0%	2.82	92.5%	fr	ms	3	45	2	2	12			
		84.99	94.24	9.25	FRESH				Sharp but irregular contact into fresh Kf Granite. Small pockets of epidote altered Granite with iron carbonate Fx coating and OR-BR alt envelopes around thin VTs. Small, irregular blebs of He with red halo.				84.99	88.07	3.08	C384284			67.06	70.10	3.04	2.89	95.1%	1.96	67.8%	mw	w	6	35	2	2	10			
						Kf GRANITE							88.07	91.15	3.08	C384285			70.10	73.13	3.03	2.78	91.7%	1.40	50.4%	fr	ms	3	50	3	3	12			
													91.15	94.24	3.09	C384286			73.13	76.20	3.07	2.95	96.1%	2.31	78.3%	fr	ms	5	55	5	3	11			
												BLANK				C384287			76.20	79.25	3.05	2.82	92.5%	2.43	86.2%	sw	ms	6	55	3	3	12			
		94.24	103.50	9.26	ALT	GRANITE			First 1.32m is very blocky-BR-OR, mananese and epidote altered Granite. Small dark GY ST-low density. No visible Sx. Then into very epidote rich OR-BR Fx EN. Sparse mineralization. Muscovite and chl alteration increases towards end of interval in sample '289. ~40cm of fresh Kf Granite.				94.24	97.25	3.01	C384288			79.25	82.30	3.05	2.73	89.5%	1.66	60.8%	sw	ms	8	55	3	3	11			
													97.25	100.41	3.16	C384289			82.30	83.82	1.52	1.66	109.2%	0.94	56.6%	mw	s	10	45	2	3	10			
													100.41	103.50	3.09	C384290			83.82	85.34	1.52	1.20	78.9%	1.60	133.3%	fr	s	5	35	3	3	11			
		103.50	114.64	11.14					*start of main zone of mineralization. 60deg contact from coherent rock above into pale WH-GR gauge of clast supported ppy.(top 68cm gaguy with m Py, w Sp, t Gn. Definite epidote altered, crackle-texture zone with fine Sx disseminated throughout and rare zones of very concentrated Py, Sp and Gn. Minor As.				103.50	105.06	1.56	C384291			85.34	88.40	3.06	2.91	95.1%	2.35	80.8%	fr	s	8	30	3	3	12			

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LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS					
Type	Struct.	Attitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier					From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage
																										(m)	Percent	(m)	Percent							
										At 105.06m Iron carbonate alteration of Fd increasing. Crackle texture with epidote alteration strong. Brittle rock, Sx-Py disseminated.					105.06	108.39	3.33	C384292				88.40	91.44	3.04	2.99	98.4%	2.55	85.3%	fr	w	5	30	2	3	12	
										108.39-111.30m overall more GY appearance. Top gague with epidote-iron alteration followed by 12" breccia zone (.5 jigsaw fit texture, .5 hydrothermal alteration-flushed breccia) with iron carbonate clasts. Mineralization-Py disseminated and VTs. 3X 1-3cm bands of very dark GY Sx smudge? 50 deg lower contact-into GY-GR alteration clast supported ppy with abundant crackle texture gauge-clay rich zones coat the fractures and give weakness to the rock-kaol.					108.39	111.30	2.91	C384293				91.44	94.49	3.05	2.80	91.8%	2.37	84.6%	fr	ms	8	40	2	2	11	
										* 111.30-112.15 contact at 50 deg. Very dark GY epidote altered, clast supported porphyry with semi massive Py, Sp and Gn. 33cm of seemingly high grade mineralization. Bottom of interval is broken.				111.30	112.15	0.85	C384294				94.49	97.54	3.05	2.88	94.4%	1.71	59.4%	mw	ms	14	30	3	3	10		
													BLANK				C384295				97.54	100.58	3.04	2.91	95.7%	1.79	61.5%	sw	ms	10	45	2	2	10		
										112.15-114.64m clast supported porphyry with dom epidote alteration and minor iron carbonate. Py disseminated in country rock and STW of m mineralization: Py, Sp and t Gn (50 deg). 6" zone of m mineralization in 1-3cm VTS.					112.15	114.46	2.31	C384296				100.58	103.63	3.05	3.03	99.3%	2.58	85.1%	fr	w	8	40	2	2	10	
			114.46	116.62	2.16		FRESH CSP			Contact at 45 deg from epidote altered clast supported porphyry to dark, fresh, chl alt CSP. Small zone of epi-rich CSP within the interval.				114.46	116.62	2.16	C384297				103.63	105.16	1.53	1.42	92.8%	0.91	64.1%	mw	ew	11	50	2	2	9		
			116.62	122.13	5.51		ALT CSP			Epidote alt CSP with ser-alt Fd. Mineralization if t Py. 4" zone of fresh, chl CSP. Odd red 'pock-marks' of He? Very coherent.				116.62	119.46	2.84	C384298				105.16	106.68	1.52	1.57	103.3%	0.81	51.6%	sw	w	7	45	2	2	8		
										119.46-116.62m Hydrothermal crackle of unit becomes apparent. Trace to weak disseminated Py. Bottom 12" is ser-sodic-chl rich ppy.				119.46	122.13	2.67	C384299				106.68	108.51	1.83	1.46	79.8%	0.35	24.0%	mw	w	12	40	3	3	7		
			122.13	129.67	7.54		FRESH MSP			Last 0.70m=ppy with fine He lined VTS. Then into fresh MSP with chl alt. 2mm Qz VT with chl alt EN with zones of medium-GR paleing. Trace Py and t, t Cp within FG matrix. Fine He stringers.			122.13	125.63	3.50	C384300				108.51	111.56	3.05	3.00	98.4%	1.55	51.7%	mw	ew	10	40	5	2	9			
													125.63	129.67	4.04	C384301				111.56	112.77	1.21	1.32	109.1%	0.97	73.5%	mw	ew	9	40	4	3	9			
			129.67	133.53	3.86		FRESH GRANI			75 deg very sharp contact angle. Fresh chl alt granite with rare t Py. 2-8" sections of Kf alteration. Lower contact at 45 deg.			129.67	133.53	3.86	C384302				112.77	115.82	3.05	3.04	99.7%	2.54	83.6%	fr	w	9	35	3	4	10			
			133.53	154.39	20.86		FRESH CSP			Fresh clast supported MSP with small XN of very FG dykes. Small sections of interval are outlined below:			133.53	137.16	3.63	C384303				115.82	118.87	3.05	3.00	98.4%	2.65	88.3%	fr	s	6	40	3	3	11			
										135.00-135.40m chl and He on Fx surface.									118.87	121.92	3.05	2.92	95.7%	2.42	82.9%	fr	vw	7	50	3	3	12				
										143.96-146.30m fresh matrix supported, chl alt CSP.									121.92	124.97	3.05	3.08	101.0%	2.83	91.9%	fr	ms	4	50	3	3	11				
										150.05-151.85m sodic and chl alt clast supported ppy. Very broken. Into next unit-contact at 25 deg.									124.97	128.02	3.05	2.90	95.1%	2.68	92.4%	fr	s	6	35	1	2	12				

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Type	Altitude	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier		From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage						
																				(m)	Percent	(m)	Percent													
		154.39	164.40	10.01	ALT GRANITE			Epidote-ser alt Granite with small zones of fresh Kf granite.				157.52	160.62	3.10	C384304				128.02	131.06	3.04	2.78	91.4%	2.25	80.9%	fr	ms	8	35	2	1	11				
									From 157.52-158.50m sodic-clast supported ppy with chl rich Fx surfs.										131.06	134.11	3.05	2.95	96.7%	2.32	78.6%	fr	ms	10	50	2	2	9				
									From 162.04-162.63m iron-Kf alt clast supported ppy XN? Minor chl ST.				160.62	164.40	3.78	C384305				134.11	137.16	3.05	2.96	97.0%	2.10	70.9%	fr	ms	12	35	2	2	8			
									162.63-164.40m very FG, silicified epidote rich Granite.				164.40	168.21	3.81	C384306				137.16	140.21	3.05	3.10	101.6%	2.80	90.3%	fr	s	5	40	3	2	12			
									At 166.83m 6" zone of PK, very silicious band. Kf alt incr.										140.21	143.26	3.05	2.91	95.4%	2.53	86.9%	fr	s	6	25	1	1	12				
		164.40	168.21	3.81	FRESH GRANI			80deg contact into fresh granite with chl alt of Bi and Hb. 50 deg lower contact.											143.26	146.30	3.04	3.07	101.0%	2.75	89.6%	fr	ms	6	35	2	2	11				
		168.21	169.84	1.63	ALT CSP			Epidote altered clast supported ppy with minor chl ST, Kf alt and musc XT. Trace disseminated Py and 1X 1cm Py, Sp, Gn rich Qz band.				168.21	169.84	1.63	C384307				146.30	149.35	3.05	2.98	97.7%	2.43	81.5%	sw	w	8	40	3	2	12				
		169.84	172.84	3		FRESH GRANI			chl and ser altered granite				169.84	172.84	3.00	C384308				149.35	152.40	3.05	2.78	91.1%	2.19	78.8%	mw	s	9	40	4	2	10			
		172.84	178.81	5.97	ALT GRANITE			Epidote altered granite with rare Kf and chl alt. Near 177.80: 2cm band at 45 deg filled with semi massive Py, w-m Sp and Gn. 1m Kf (fresh) granite.				172.84	175.83	2.99	C384309				152.40	155.45	3.05	3.04	99.7%	2.66	87.5%	fr	vs	12	40	3	2	12				
		178.81	181.88	3.07		FRESH GRANI			Upper contact at 50 deg.				175.83	178.81	2.98	C384310				155.45	158.50	3.05	2.80	91.8%	2.46	87.9%	fr	w	10	50	3	3	10			
		181.88	188.88	7	ALT GRANITE			Epidote altered granite with small zones of fresh granite. Minor chl stringers within alt granite.											158.50	161.54	3.04	2.96	97.4%	2.76	93.2%	fr	s	6	45	2	2	11				
								185.37-188.88m sodic altered, clast supported ppy. Top of interval has 2cm Py, Sp, Gn mineralized VT within Qz.				185.37	188.88	3.51	C384311				161.54	164.59	3.05	2.91	95.4%	2.15	73.9%	fr	s	6	35	2	1	12				
		188.88	198.20	9.32	FRESH GRANI			With the last metre being epidote altered, t Py and Gn disseminated granite with one 2mm well mineralized VT-Py, Sp, Gn.				188.88	191.90	3.02	C384312				164.59	167.64	3.05	3.00	98.4%	2.96	98.7%	fr	vs	7	50	2	2	13				
									191.90-192.67m sodic clast supported ppy. Sharp contact into this unit.										167.64	170.69	3.05	3.08	101.0%	2.90	94.2%	fr	ms	4	50	3	2	13				
								192.67-193.50m epidote altered granite zone with m-h, iron stained, silicified zones surrounding mineralized VTS. 1-3mm Py, m Sp, t Gn. 1-3cm of semi massive Py with m Sp and m Gn.				192.67	193.50	0.83	C384313				170.69	173.74	3.05	2.86	93.8%	2.23	78.0%	sw	ms	5	50	2	2	11				
								195.07-196.53m very silicified, epidote rich Qz patch. Unusual.				193.50	196.53	3.03	C384314				173.74	176.78	3.04	2.93	96.4%	1.60	54.6%	fr	w	6	45	3	2	11				
								196.53-198.20m Fresh Kf granite				196.53	198.20	1.67	C384315				176.78	179.83	3.05	3.03	99.3%	1.85	61.1%	fr	ms	4	50	2	3	13				
		198.20	201.75	3.55	ALT GRANITE			Epidote and Kf altered granite with m-h Kf alteration. 4" zone of BK ST (stretch-mark texture) trending 45 deg. 43 cm zone of fresh Kf at end of interval. Sharp lower contact at 80 deg into sodic-alt clast supported ppy.				198.20	201.75	3.55	C384316				179.83	182.88	3.05	2.95	96.7%	2.72	92.2%	fr	w	5	40	2	2	12				
		201.75	207.53	5.78		SODIC CSP			Sodic-CSP with minor sauceritization.										182.88	185.93	3.05	2.96	97.0%	2.80	94.6%	fr	ms	6	35	3	3	12				
								203.82-203.99m zone of Qz flood-almost breccia				201.75	204.76	3.01	C384317				185.93	188.98	3.05	2.75	90.2%	2.30	83.6%	fr	s	7	35	2	3	13				
								203.76-207.53m CSP with iron carbonate and Kf alteration within weakly chl alt ppy. Minor BK (stretch mark) ST.				204.76	207.53	2.77	C384318				188.98	192.02	3.04	3.00	98.7%	2.65	88.3%	fr	w	11	45	2	2	13				
		207.53	211.59	4.06	FRESH GRANI			Kf granite with 14" highly silicified epidote rich zone. Lower contact at 60 deg.				207.53	211.59	4.06	C384319				192.02	195.07	3.05	3.06	100.3%	2.96	96.7%	fr	w	2	45	3	3	15				
		211.59	216.41	4.82	ALT CSP			211.59-214.00m epidote, clast supported ppy with micro BK ST and w iron carbonate alt. Trace Py disseminated				211.59	214.00	2.41	C384320				195.07	198.12	3.05	2.79	91.5%	2.54	91.0%	fr	w	4	50	3	3	12				

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LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS							
Type	Struct.	Attitude	From (m)	To (m)	Interval (m)	Type	Unit		Texture	Modifier	From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage							
																					(m)	Percent	(m)	Percent														
										214.00-216.41m same as '320 but with fine BK VT-initial stages of crosscutting. Minor iron carbonate alteration							214.00	216.41	2.41	C384321				198.12	201.17	3.05	3.01	98.7%	2.52	83.7%	mw	ms	6	50	3	3	12	
																	BLANK			C384322				201.17	204.22	3.05	3.04	99.7%	2.31	76.0%	mw	w	6	45	3	3	11	
			216.41	221.55	5.14		ALT CSP			rock sama as previous with an increase in density of BK micro Fx. Iron carbonate and crackle texture. Overall in disseminated Py.							216.41	218.98	2.57	C384323				204.22	207.26	3.04	2.89	95.1%	2.13	73.7%	sw	w	8	35	3	3	11	
										218.98-221.55m small gaudy zone within the sample (6"), hosts w Py, Sp, Gn.							218.98	221.55	2.57	C384324				207.26	210.31	3.05	2.89	94.8%	2.91	100.7%	fr	w	3	40	3	3	13	
			221.55	228.04	6.49		FRESH CSP			Upper contact VERY SHARP at 55deg. (photo). Fresh, clast supported ppy with m-s chl alteration. Top 12" is matrix supported ppy with very distinct ble zones around the rare mineralized VTs. Mineralization: Py, w Sp, and t Gn. Steep angles (70-80), 5cm of bleaching associated with 3mm VT (rare). Small FG XN of mafic dyke-unmineralized-are present within CSP.							221.55	224.81	3.26	C384325				210.31	213.36	3.05	3.06	100.3%	2.68	87.6%	fr	ms	8	45	2	2	12	
										224.81-228.04m small He Fx and t Py and t , t Cp.							224.81	228.04	3.23	C384326				213.36	216.41	3.05	3.06	100.3%	2.88	94.1%	fr	w	5	45	3	3	10	
			228.04	235.34	7.3		ALT MSP			Bleached, epidote rich, matrix supported ppy with irregular zones of fresh chl alt ppy and t disseminated Py and erratic Qz VT.							228.04	231.69	3.65	C384327				216.41	219.46	3.05	2.91	95.4%	2.36	81.1%	sw	ms	6	50	4	3	11	
																	231.69	235.34	3.65	C384328				219.46	222.50	3.04	2.97	97.7%	2.63	88.6%	sw	s	10	55	3	3	9	
			235.34	245.37	10.03		ALT CSP			Epidote altered CSP with zones of WH-pale GR gaudy and 'pocky' rock from 236.10-236.25m and 240.53-240.79m (within C384330). Varying degrees of silicification in the rock.							235.34	238.28	2.94	C384329				222.50	224.03	1.53	1.53	100.0%	0.90	58.8%	sw	w	8	55	3	3	11	
										Mineralization-t Py.							238.28	241.12	2.84	C384330				224.03	226.47	2.44	2.48	101.6%	1.68	67.7%	mw	ms	5	40	2	2	12	
										Rare t Gn blebs, mzd VTS increse here also. Fresh, very weakly chl alt Kf Granite. Blebs of He and Sp with rare VT with thin chl EN-barren							241.12	245.37	4.25	C384331				226.47	228.60	2.13	2.03	95.3%	1.86	91.6%	fr	s	4	50	5	3	11	
			245.37	250.02	4.65		FRESH GRANI																228.60	231.65	3.05	3.08	101.0%	2.61	84.7%	fr	w	6	50	3	4	10		
			250.02	256.82	6.8		ALT CSP			250.02-252.98m very epidote altered CSP with t-w disseminated Py and one 6cm zone with weakly disseminated Py and Gn. GY-lined Fx at 30deg-5 Fx per interval. No mineralization.							250.02	252.98	2.96	C384332				231.65	234.70	3.05	2.92	95.7%	2.34	80.1%	fr	w	9	45	3	3	11	
										252.98-256.82m sodic-epidote-iron carbonate altered clast supported Po. Minor disseminated Py occasionally small chl ST (at 255.68m-7cm zone) in more ble CSP-with Qz VT (45)-Py dominant, m Sp, t Gn and As.								252.98	256.82	3.84	C384333				234.70	237.74	3.04	2.99	98.4%	2.16	72.2%	sw	vw	10	60	2	2	9
			256.82	272.58	15.76		FRESH CSP			35deg chlorite abundant transition (over 4") from altered clast supported Po into fresh, chl alt CSP with hairline VT at 45 deg-small chl EN around them. Trace, trace Cp disseminated. Trace Py also. Very small He lined Fx. Small, FG chl alt XN within unit.							256.82	260.00	3.18	C384334				237.74	240.79	3.05	3.07	100.7%	2.48	80.8%	mw	vw	8	50	4	2	10	
										Just before 263.72 there is a 6" zone with sericite alteration and minor sauceritization of Bi XT.							260.00	263.72	3.72	C384335				240.79	243.84	3.05	3.05	100.0%	2.64	86.6%	fr	ms	6	55	4	3	13	
										Rep taken from this sample.							263.72	276.32	12.60	C384336				243.84	246.89	3.05	3.02	99.0%	2.99	99.0%	fr	ms	2	55	3	2	14	
																	267.32	269.95	2.63	C384337				246.89	249.94	3.05	3.01	98.7%	3.01	100.0%	fr	ms	6	45	4	3	12	
																	269.95	272.58	2.63	C384338				249.94	252.98	3.04	2.97	97.7%	2.83	95.3%	fr	ms	5	35	2	3	13	

PROPERTY: IDAHO CREEK

HOLE: ID-07-03

Struct.	LITHOLOGY								Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL						JOINTS				
	Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier				From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Breakage		
																								(m)	Percent	(m)	Percent									
													272.58	276.58	4.00	C384339				252.98	256.03	3.05	3.00	98.4%	3.00	100.0%	fr	ms	3	50	3	3	13			
													BLANK			C384340				256.03	259.08	3.05	2.93	96.1%	2.93	100.0%	fr	s	5	60	4	3	13			
			272.58	276.58	4		ALT CSP			60deg VT marks transition into epidote and sericite altered CSP. All VTS (Qz) at 60 deg. Weak disseminated Py mineralization and ST with minor fec alt. 1 small 1.3cm Qz VT at 50deg with m Py, m As, w Sp (spec and blackjack-two types), and w Gn right near end of interval where chl alt incr. 1 m zone of fresh CSP within altered zone.				276.58	280.27	3.69	C384341				259.08	262.13	3.05	2.98	97.7%	2.98	100.0%	fr	s	3	65	3	3	14		
			276.58	283.96	7.38		FRESH CSP			Fresh CSP with t, t Py-disseminated. Minor chl alt of Bi and Hb. XN (<5cm) of MSP. Rare Qz VT with chl EN. Overall weakly Fx and STW. XN-30cm (60-lower 80) MSP within CSP-both fresh. 4 other smaller XN (<8cm). One rare 35deg Qz VT with dominant Py m-h with t Sp-caused bleaching over 14cm.				280.27	283.96	3.69	C384342				262.13	265.18	3.05	3.01	98.7%	3.01	100.0%	fr	w	6	40	3	3	13		
			283.96	285.95	1.99		FRESH GRANI			Contact sharp at 15deg BUT has a long-finger of CSP jutting into the Granite. Fiamme-like 7cm XN of MSP.				283.96	285.95	1.99	C384343				265.18	268.22	3.04	3.03	99.7%	3.03	100.0%	fr	ms	3	60	4	3	12		
			285.95	288.93	2.98		ALT CSP			talc-epidote-ser alt CSP. One 6" zone of fec alt. Rare Py ST/VT at 20. 8cm zone of moderately silicified Qz flood with Py and Sp-blocky and t Gn. (Isolated). End of interval has minor sau then FG-pale-weakly altered granite.				285.95	288.93	2.98	C384344				268.22	271.27	3.05	3.02	99.0%	3.02	100.0%	fr	s	1	45	2	5	14		
			288.93	296.96	8.03		ALT GRANITE			Weak epi alt Granite. From 291.08-294.44m very broken with chalk white, ppt on Fx-not carbonate.				288.93	291.69	2.76	C384345				271.27	274.32	3.05	2.95	96.7%	2.95	100.0%	fr	ms	5	40	4	3	13		
													291.69	294.44	2.75	C384346				274.32	277.37	3.05	2.85	93.4%	2.85	100.0%	fr	ms	4	50	4	3	12			
													294.44	296.96	2.52	C384347				277.37	280.42	3.05	3.04	99.7%	3.04	100.0%	fr	s	4	45	3	3	11			
			296.96	298.88	1.92		ALT MSP			Irregular contact-intermixed ble and fresh weak-matrix supported PO. Clasts-rare Qz eyes. Abundant pale, white VTs and ST with Py disseminated throughout. Bottom 4" is very bleached, silicified.				296.96	298.88	1.92	C384348				280.42	283.46	3.04	3.05	100.3%	3.05	100.0%	fr	s	5	45	5	3	12		
			298.88	306.46	7.58		ALT CSP			talc-epidote alt CSP with ST of chl alt cohesive. Minor hairline BK-GY micro VTs. Py rich-other Sx? Weak disseminated Py. Rare Qz VT (1cm) with Py, Sp, and Gn at 300.94m. At 304.94 6" XN of FRESH GRANITE. For 12" just before 302.67-sodic alt CSP.				298.88	302.67	3.79	C384349				283.46	284.99	1.53	1.46	95.4%	1.46	100.0%	fr	s	6	40	2	2	12		
			306.46	309.63	3.17		FRESH GRANI			35 deg upper contact. Regular granite.				302.67	306.46	3.79	C384350				284.99	288.04	3.05	3.06	100.3%	3.06	100.0%	sw	ms	8	35	4	4	10		
			309.63	312.39	2.76		ALT CSP			talc-chlorite, sericite and fec alt CSP. Ser along Fx-and within XT. Very rare He blebs. Trace, fine disseminated Py.				306.46	309.63	3.17	C384351				288.04	289.56	1.52	1.47	96.7%	1.47	100.0%	sw	ms	5	45	3	2	11		
			312.39	315.73	3.34		FRESH CSP			20 deg contact into fresh CSP with small patches of sericite alteration. Weakly disseminated Py in XN of fresh MSP. Rare He on Fx.				309.63	312.39	2.76	C384352				289.56	291.08	1.52	1.51	99.3%	1.51	100.0%	mw	s	9	30	2	2	10		
			315.73	323.09	7.36		ALT CSP			Very crackled, broken and blocky saucerized and minor talc-chl alte CSP. Rare ST and t, t Py disseminated. REP TAKEN.				312.39	315.73	3.34	C384353				291.08	292.30	1.22	1.12	91.8%	1.12	100.0%	mw	ms	9	35	4	2	9		
													315.73	319.50	3.77	C384354				292.30	292.91	0.61	0.64	104.9%	0.64	100.0%	hw	w	9	35	2	2	8			
													319.50	323.09	3.59	C384355				292.91	294.44	1.53	1.49	97.4%	1.49	100.0%	mw	w	10	45	4	2	5			
													BLANK			C384356				294.44	297.48	3.04	3.02	99.3%	3.02	100.0%	fr	vw	11	55	2	2	10			
																				297.48	300.23	2.75	2.76	100.4%	2.76	100.0%	fr	vw	7	50	5	2	9			
																				300.23	303.28	3.05	2.93	96.1%	2.93	100.0%	fr	w	5	45	4	4	11			

HOLE: ID-07-03

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PROJECT

PROPERTY:

Easting Northing Elev. Depth (m)

HOLE: ID-07-04

Contractor: BEAUDOIN DIAMOND DRILLING

Drill:

Core size:

Cassing depth: (m) in/out

Drilling dates:

Logged by:

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							

Target: _____

[illegible]

SAMPLES	
Numbers:	
Total:	
Date sent:	

COMMENTS	

PROPERTY: Idaho Creek

HOLE: ID-07-04

Type		Attitude		LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS							
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier									From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling					
																												(m)	Percent	(m)	Percent												
		0.00	19.73	19.73		OVERBURDEN			Casing: 0-21.95m																	0.00	6.10	6.10	0.81	13.3%	0.16	2.6%	ew	w				4	3		5		
									Mixed rock units thru casing: Fresh Granite, oxi CSP, weak chl alt fresh CSP. Ample BR sand/gravel.	fec																13.65	19.73	6.08	C384358													6	
		19.73	21.78	2.05		ALT CSP			13.65-19.73m very poor recovery, <5% of interval is rock. BR sand-dirt mostly. BR-OR alt CSP with remnant Bi. Trace Py mzn. Still quite rubble rich. Broken contact before fresh, chl alt CSP.																	19.73	21.78	2.05	C384359													6	
		21.78	30.48	8.7		FRESH CSP			21.78-24.69m Fresh, barren chl alt CSP.																		21.78	25.30	3.52	C384360													2
									24.69-30.48m CSP becomes more classic talc-ser CSP.																		27.43	30.48	3.05	C384361													2
		30.48	42.07	11.59		ALT CSP			Oxi-mgo-CSP- very BR-OR and blocky. Almost lim in some places. Poor recovery (hence sample length).																		30.48	37.46	6.98	C384362													1
									37.46-40.55m more lim-mgo stained, gauge rich rubble. For the last 24" there is a small zone of fresh, coherent CSP.																		237.46	42.07	-195.39	C384363													1
		42.07	55.83	13.76		ALT CSP			Very crackled-punky mgo CSP for 12" at start. OR-very altered oxi-mgo rich rock with mgo dendrites on Fx. Mod thick lim and mgo sections within unit. CSP not BR/OR. Very pale GR talc-epidote. None to trace disseminated Py.																		42.07	47.26	5.19	C384364													2
									From 50.09-55.00m OR-alt with no mgo. Last 12" of unit is alt MSP with heavy oxi-OR stain with dendritic mgo.																		47.26	50.02	2.76	C384365													1
																											50.02	52.86	2.84	C384366													1
																											52.86	55.70	2.84	C384367													4
		55.70	67.52	11.82		FRESH CSP			Fresh chl alt CSP with w-m lim on Fx and w mgo. Weakly irredescent on Fx (rare).			Gn	Py	As													55.70	58.51	2.81	C384368													2
									From 57.47-58.51m ble, FG CSP with 1cm very lim rich bands with vis Gn-weak. Pitted Py within VT/bands, t As also.																		58.51	61.36	2.85	C384369													7
																			BLANK	C384370							21.64	22.86	1.22	1.03	84.4%	0.62	50.8%	mw	w	8	40	3	3		7		
									From 61.24-27.06m very coherent. Minor amounts of veining-almost none. Mineralization is t disseminated Py only one mgo (1cm band).																		61.36	64.21	2.85	C384371													9
																			64.21	67.52	3.31	C384372					23.77	24.69	0.92	0.75	81.5%	0.50	54.3%	sw	w	10	35	3	2		7		
		67.52	71.66	4.14		ALT MSP/CSP			Top 1/3 of interval is OR-alt MSP followed by epi alt MSP with thin GY VT, w chl ST. Weak ser of Fd. Bottom 1/3 is sodic CSP. Likely a XN because irregular nature and placement in core.																		67.52	71.66	4.14	C384373													5
		71.66	73.25	1.59		FRESH CSP			45 deg contact back into fresh CSP with small (<15cm) very FG mafic XN-dyke? Not mineralized.																		71.66	73.25	1.59	C384374													5
		73.25	74.59	1.34		SODIC CSP			Pale GR-WH sodic CSP-barren. 50deg lower contact.																		73.25	76.04	2.79	C384375													7
		74.59	76.04	1.45		FRESH CSP			Weak chl alt. Barren of mineralization.																		27.43	30.48	3.05	1.28	42.0%	0.35	11.5%	hw	ms	10	40	3	2		6		
		76.04	78.97	2.93		ALT GRANITE			Top 1.31m is fresh granite. Grading into pale GR, epi rich silicious granite. Unusual splashes (2 @ 3mm) of Gn. Rare RY STW-VTS, w disseminated Py is main mineralization. Gn presence is in matrix-not VTS or Fx. Small blebs of He (t-w).																		76.04	78.97	2.93	C384376													4
		78.97	82.01	3.04		ALT CSP			Weak fec and epi CSP with fine disseminated Py, t Kf. 1 VT at 50 deg with w-t Py, As, Sp and Gn.			Py	Sp	As	Gn												78.97	82.01	3.04	C384377													6

PROPERTY: Idaho Creek

HOLE: ID-07-04

Struct.	LITHOLOGY							Notes:	ALT.			MINERALS			SAMPLES							Blocks			GEOTECHNICAL								JOINTS					
	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier								From (m)	To (m)	Interval (m)	Sample				From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling			
																									(m)	Percent	(m)	Percent										
	82.01	87.35	5.34	FRESH GRANITE				Kf granite with rare He blebs. Small zones of alt granite and alt CSP (from above) included.						82.01	84.68	2.67	C384378				36.58	39.62	3.04	2.34	77.0%	0.37	12.2%	ew	ew	15	45	3	3	3				
														84.68	87.35	2.67	C384379				39.62	42.67	3.05	2.36	77.4%	0.39	12.8%	ew	ew	15	45	3	3	3				
	87.35	94.03	6.68	ALT GRANITE				Epidote-w chl alt Granite. Weak diss Py. Rare t Gn disseminated also. One 2mm VT with Py, Sp and Gn (65). Small (6-10") zones of fresh granite within. Fec for 6"-very broken. Slight increase in WH-non calcareous Fx coating.						87.35	90.69	3.34	C384380				42.67	45.72	3.05	2.78	91.1%	1.54	50.5%	hw	vw	9	50	4	2	7				
														90.69	94.03	3.34	C384381				45.72	48.77	3.05	3.03	99.3%	1.96	64.3%	mw	w	11	45	4	3	9				
	94.03	96.04	2.01	ALT CSP				Gradational change into sodic (and minor, minor sau) CSP. XN of fresh granite (timing-Granite AFTER CSP?)						94.03	96.04	2.01	C384382				48.77	51.82	3.05	2.92	95.7%	1.64	53.8%	mw	w	7	50	2	3	3				
	96.04	102.13	6.09	ALT GRANITE				Transitino very sharp-looks like the drillers omitted a piece with the actual contact.						96.04	99.09	3.05	C384383				51.82	54.86	3.04	2.89	95.1%	1.66	54.6%	mw	w	10	60	3	2	8				
								From 96.04-97.55m very silicious WH-GR MSP with rare GY blebs (?) with disseminated Py. Smooth transition into chl-epi alt Granite. Hairline GY VT with Py. Rare Ca VTS. Overall mineralization-Py only.						99.09	102.13	3.04	C384384				54.86	57.91	3.05	2.98	97.7%	1.93	63.3%	sw	w	9	40	4	3	9				
	102.13	108.26	6.13	ALT CSP				Kf-sodic rich CSP with strong ser alt of Hb XT. Small clasts of alt granite (3 @ <6") hosted within alt CSP.	pot	sod				102.13	106.45	4.32	C384385				57.91	60.96	3.05	2.85	93.4%	2.25	73.8%	sw	ms	6	40	4	4	10				
	108.26	112.02	3.76	ALT CSP				Sodic and wear ser alt CSP.	sod	ser				106.45	108.26	1.81	C384386				60.96	64.01	3.05	3.06	100.3%	2.73	89.5%	fr	ms	5	50	3	2	11				
	112.02	118.11	6.09	ALT CSP				Epidote-chl alt CSP. Weak disseminated Py-small rund (12 inches) of sodic CSP. Increase in chl at 115.07m. Py dissmineations, smears of Gn in matrix	epi	chl		Py	Gn		115.07	118.11	3.04	C384387				64.01	67.06	3.05	2.84	93.1%	2.49	81.6%	fr	sw	5	55	2	3	12			
	118.11	120.76	2.65	EPI DYKE				SHARP contact: 50deg. TN-GY epidote phenocryst dyke. Seemingly unmineralized. Lower contact at 50 deg.	epi					118.11	120.76	2.65	C384388				67.06	70.10	3.04	2.94	96.7%	1.74	57.2%	sw	ms	7	45	3	3	10				
	120.76	131.74	10.98	ALT CSP				Talc-chl CSP with rare epi XT. Small GY ST. 6-8". Fresh Kf granite XN. Moderately broken with rare BK smears on Fx surface. Mineralization-very w Py. Small patches of talc-epi CSP. Last 0.75cm has fresh CSP with He blebs.	talc	chl	epi			128.53	131.74	3.21	C384389				70.10	73.15	3.05	3.02	99.0%	2.74	89.8%	sw	w	11	50	2	3	8				
	131.74	134.42	2.68	EPI DYKE				TN-GY epidote XT rich FG dyke with Qz ST. No visible mineralization. Lower contact at 45 deg.						131.74	134.42	2.68	C384390				73.15	76.20	3.05	3.09	101.3%	2.52	82.6%	sw	ms	8	40	2	2	10				
	134.42	136.51	2.09	ALT CSP				Dom ser, w epi alt CSP. Py along VT. Small gauge area at 135.20m. One 'splash' of Py, blocky Sp within Qz flood. Overall weak mzn.	ser	epi		Py	Sp		134.42	136.51	2.09	C384391				76.20	79.25	3.05	3.10	101.6%	3.10	101.6%	fr	ms	6	50	3	3	11			
	136.51	139.67	3.16	ALT CSP				20 deg contact into m-h sil-chl-epi alt CSP. Shallow, irregular VT of Py, Sp, and t Gn (3 per interval)	sil	chl	spi	Py	Sp	Gn	136.51	139.67	3.16	C384392				79.25	82.29	3.04	3.04	100.0%	3.04	100.0%	fr	ms	4	40	2	2	13			
	139.67	142.92	3.25	ALT CSP				ser-epi alt CSP with Py disseminated on Fx. very broken fec and epi alt CSP. Disseminated Py throughout and irregular 3mm blebs. Rare chl ST. At 145.69m-very broken.												82.29	85.34	3.05	3.01	98.7%	2.59	84.9%	sw	ms	8	40	4	3	10					
	142.92	146.21	3.29	ALT CSP				sodic-epi-ser CSP. Start and end of interval is very broken.	fec	epi	chl										85.34	88.39	3.05	2.88	94.4%	2.76	90.5%	fr	ms	5	45	3	2	13				
	146.21	149.42	3.21	ALT CSP					sod	epi	ser										88.39	91.44	3.05	2.98	97.7%	2.65	86.9%	fr	ms	5	50	2	2	12				

HOLE: ID-07-04

4 of 5

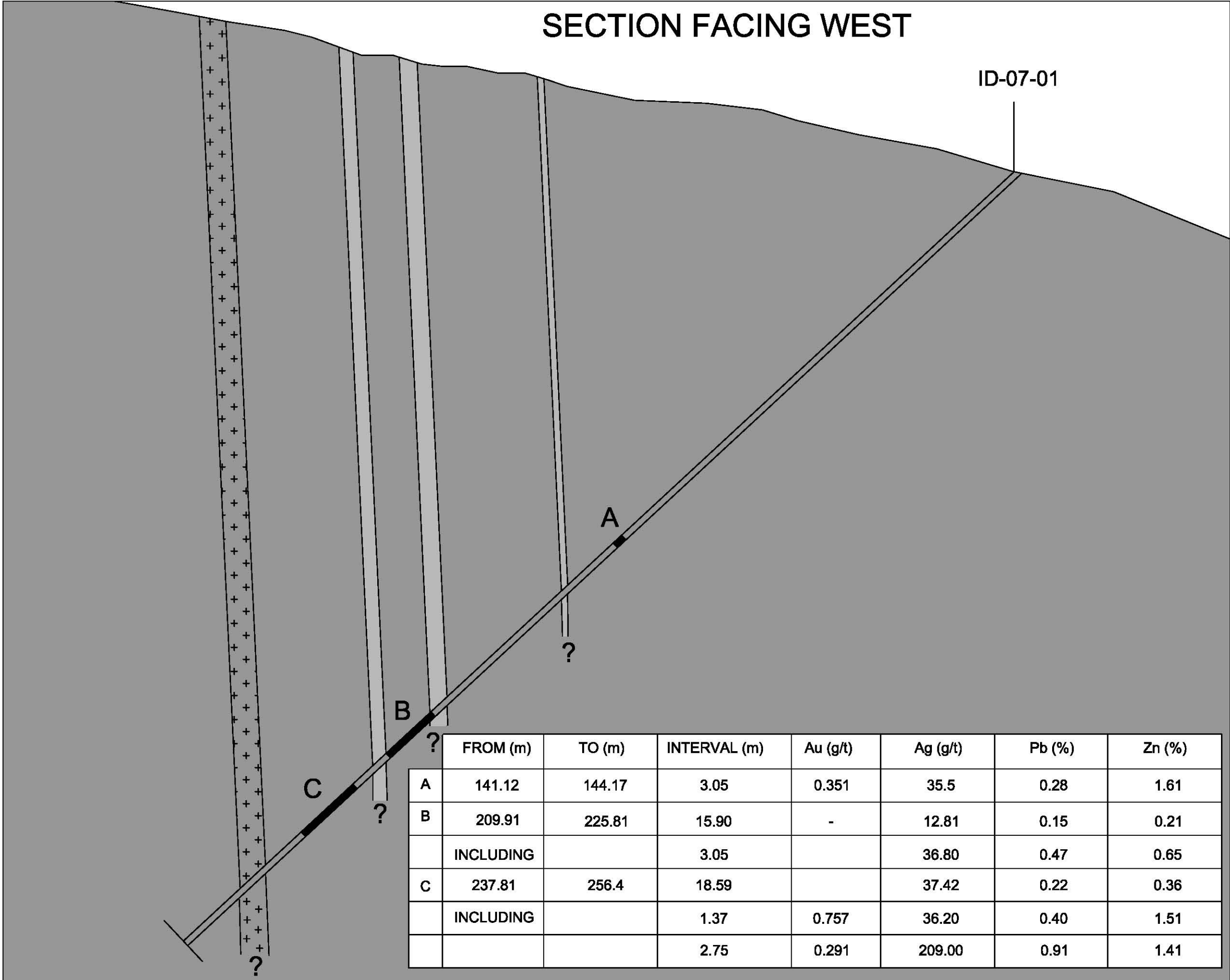
HOLE: ID-07-04

5 of 5

APPENDIX IV
DRILL SECTIONS

SECTION FACING WEST

ID-07-01



- EPIDOTE DIOPSIDE ALTERED DYKE
- MEDIUM GRAINED GRANITE
- DAWSON RANGE PLUTONIC SUITE

KLONDIKE SILVER CORP.
ATAC RESOURCES INC.

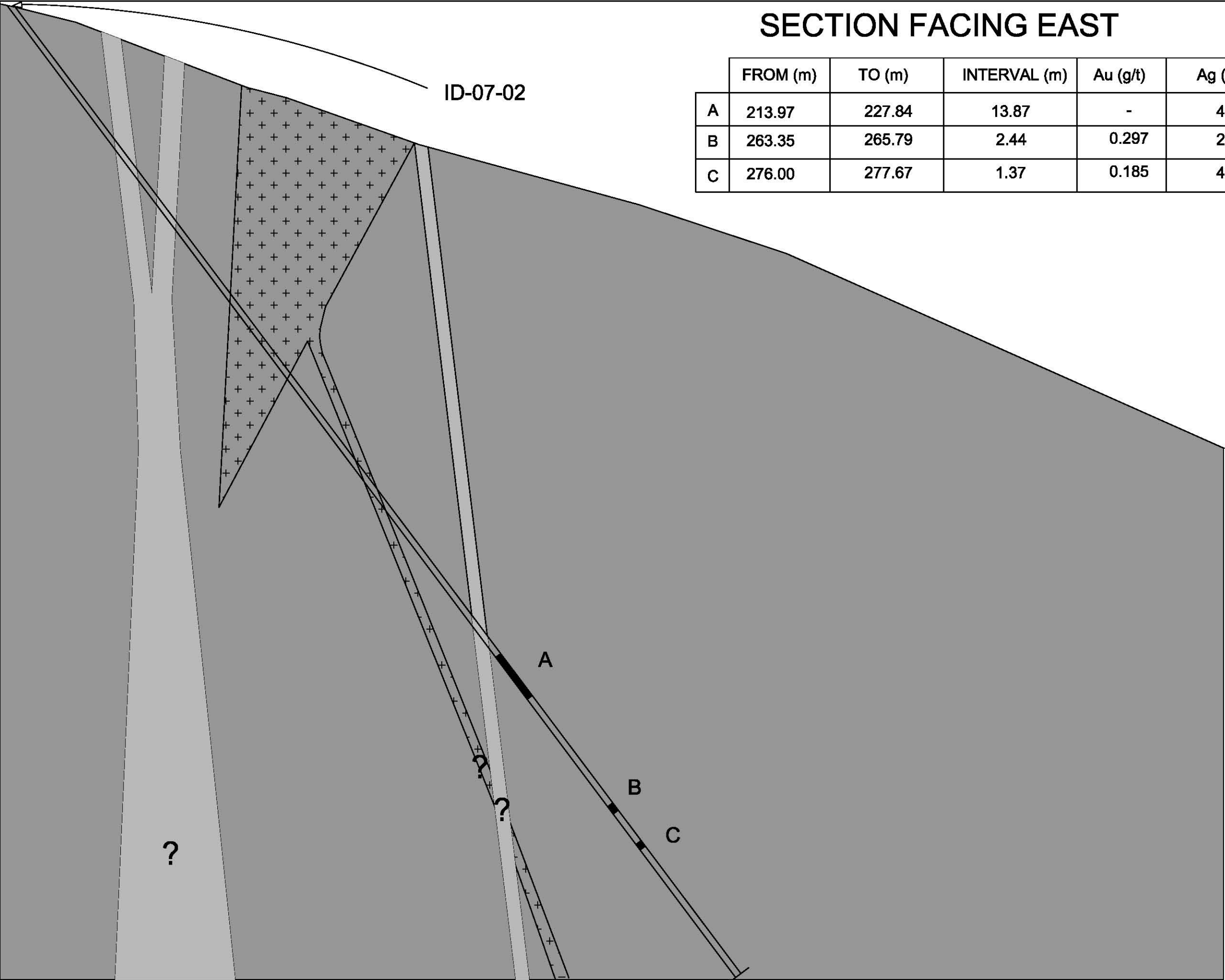
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ID-07-01
IDAHO CREEK PROPERTY

0m 10m 20m 50m
NTS MAP SHEETS 115J/09 AND 115J/10 UTM ZONE 7 NAD 83

FILE:IDAHO_CREEK/F7_ID-07-01JUNE 2008

SECTION FACING EAST

	FROM (m)	TO (m)	INTERVAL (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
A	213.97	227.84	13.87	-	42.99	0.49	0.75
B	263.35	265.79	2.44	0.297	29.30	0.36	0.38
C	276.00	277.67	1.37	0.185	49.70	0.62	0.69



EPIDOTE DIOPSIDE ALTERED DYKE

MEDIUM GRAINED GRANITE

DAWSON RANGE PLUTONIC SUITE

KLONDIKE SILVER CORP.
ATAC RESOURCES INC.

FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ID-07-02
IDAHO CREEK PROPERTY

0m10m20m50m

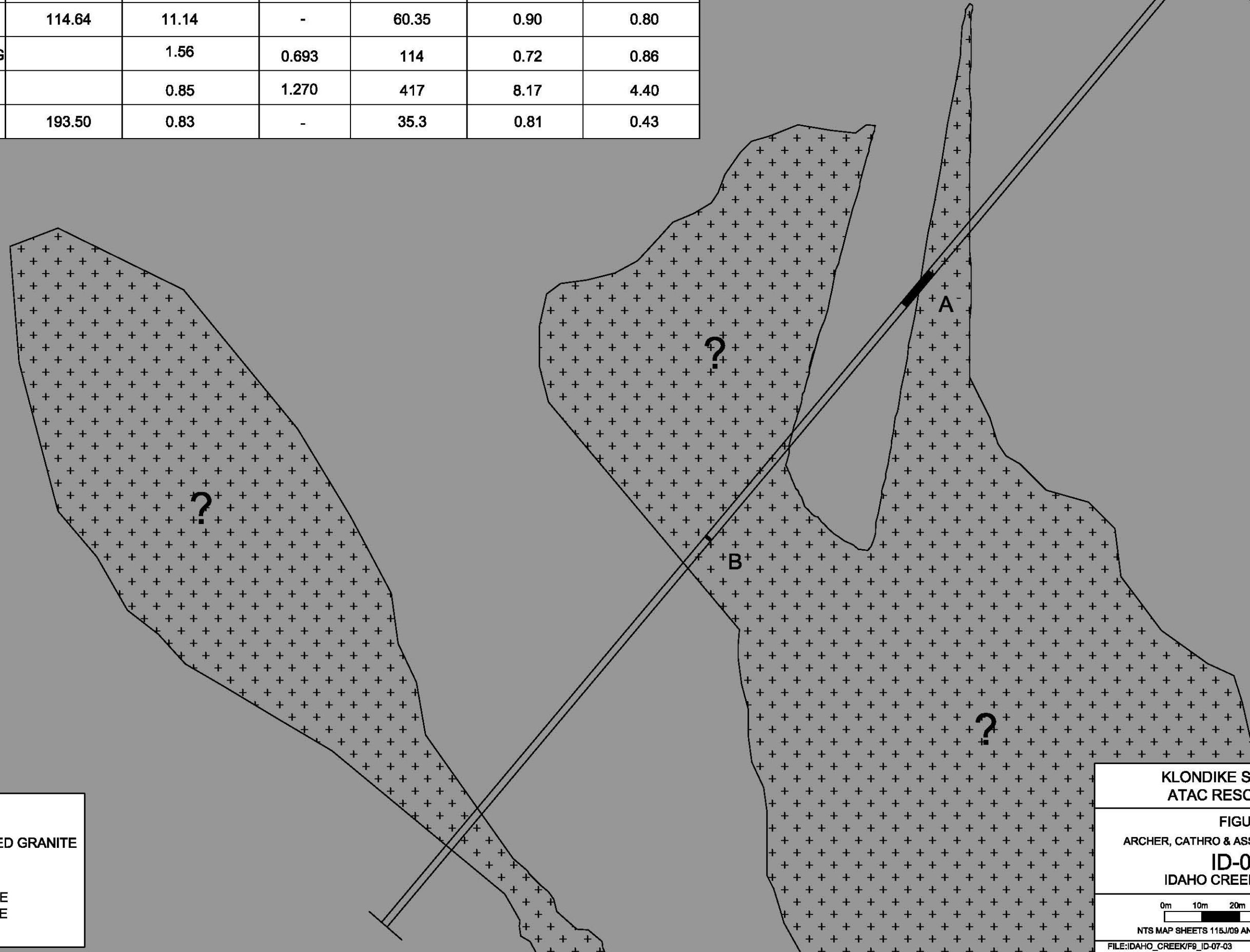
NTS MAP SHEETS 115J/09 AND 115J/10 UTM ZONE 7 NAD 83

FILE:IDAHO_CREEK/F8_ID-07-01JUNE 2008

SECTION FACING WEST

ID-07-03

	FROM (m)	TO (m)	INTERVAL (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
A	103.50	114.64	11.14	-	60.35	0.90	0.80
	INCLUDING		1.56	0.693	114	0.72	0.86
			0.85	1.270	417	8.17	4.40
B	192.67	193.50	0.83	-	35.3	0.81	0.43



4 MEDIUM GRAINED GRANITE

5

DAWSON RANGE
PLUTONIC SUITE

KLONDIKE SILVER CORP.
ATAC RESOURCES INC.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ID-07-03
IDAHO CREEK PROPERTY

0m 10m 20m 50m

NTS MAP SHEETS 115J/09 AND 115J/10 UTM ZONE 7 NAD 83

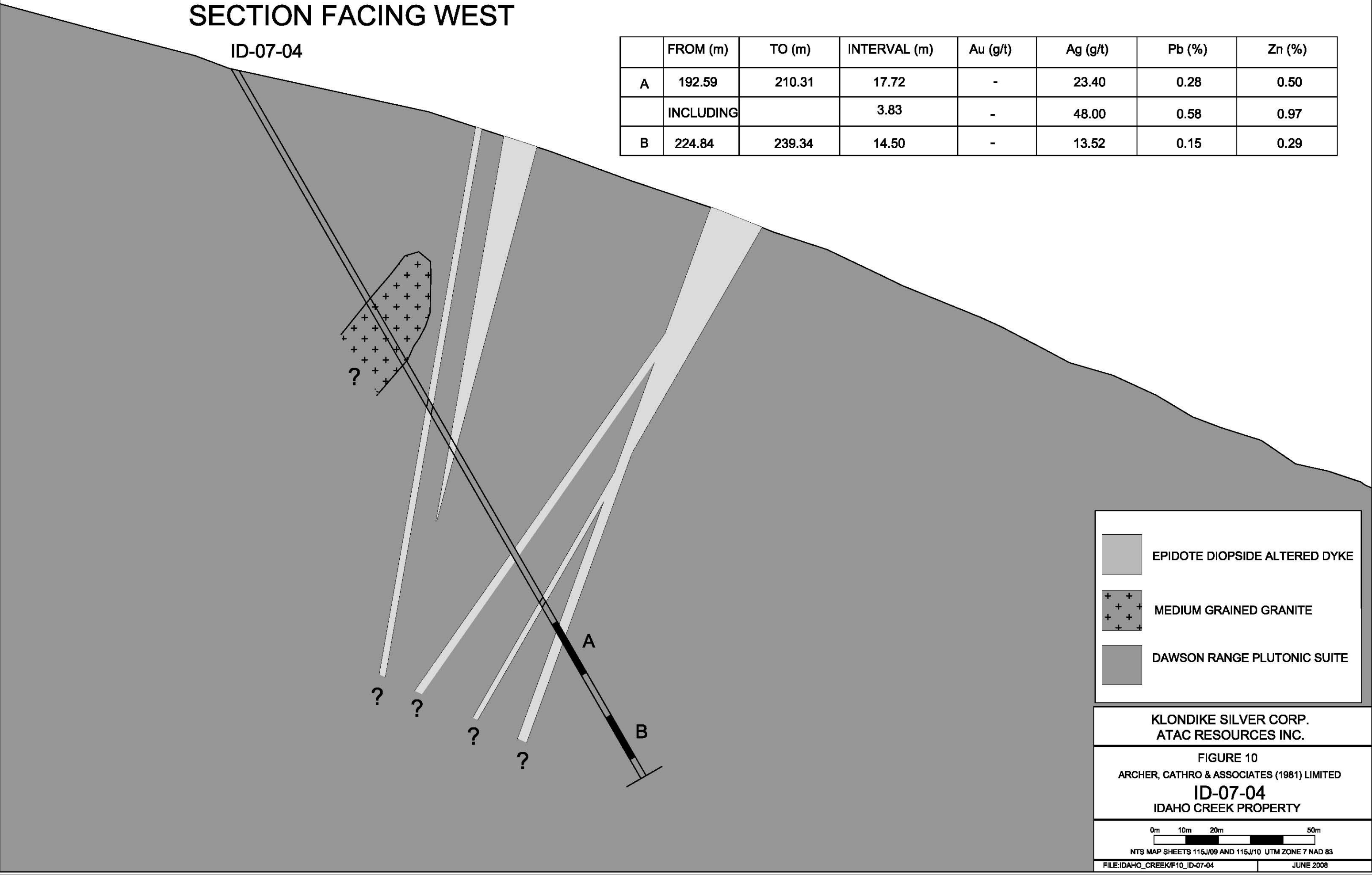
FILE:IDAHO_CREEK\F9_ID-07-03

JUNE 2008

SECTION FACING WEST

ID-07-04

	FROM (m)	TO (m)	INTERVAL (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)
A	192.59	210.31	17.72	-	23.40	0.28	0.50
	INCLUDING		3.83	-	48.00	0.58	0.97
B	224.84	239.34	14.50	-	13.52	0.15	0.29



EPIDOTE DIOPSIDE ALTERED DYKE

MEDIUM GRAINED GRANITE

DAWSON RANGE PLUTONIC SUITE

KLONDIKE SILVER CORP.
ATAC RESOURCES INC.

FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ID-07-04
IDAHO CREEK PROPERTY

0m10m20m50m

NTS MAP SHEETS 115J/09 AND 115J/10 UTM ZONE 7 NAD 83

FILE:IDAHO_CREEK\F10_ID-07-04JUNE 2008

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 West Hastings Street
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

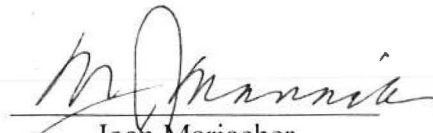
Fax: 604-688-2578

AFFIDAVIT



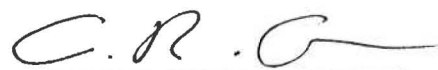
I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of
Expenditures for exploration work on Idaho 1-58
and 105-124 mineral claims on Claim Sheet 115J/10 is accurate.


Joan Mariacher

Sworn before me at Vancouver, B.C.

this 6th day of February, 2008.


Notary Public, Yukon Territory

Statement of Expenditures
Idaho 1-58 Mineral Claims
February 5, 2008

Contract Diamond Drilling

Beaudoin Diamond Drilling Ltd.

\$202,951.21

Total Footage on hole 1,2 3 & 4A – 970.35 m = \$177.04/m

Total Footage on hole 4B – 218.2 m = \$142.80/m

<u>Grant Number</u>	<u>Claim Name</u>	<u>Hole #</u>	<u>Depth (m)</u>	<u>Cost</u>
YC41113	Idaho 3	1	298.78	\$ 52,896.45
YC41116	6	2	320.95	56,821.46
YC41115	5	3	323.09	57,200.33
YC41114	4	4A	27.53	<u>4,873.95</u>
				171,792.19
YC41114	4	4B*	<u>218.20</u>	<u>31,159.02</u>
			<u>1,188.55</u>	<u>\$202,951.21</u>

* Drilled July 3 – 7, so applicable to Idaho 53 – 58

P. 5-9

INVOICE

41 Urquhart Ave.
Surrey, British Columbia V9N 3K8
Canada

Invoice No. 6
Date: 23/06/2007
Page: 1

o/d To:

IDAHO CREEK PROJECT
Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
1016-810 West Hastings St
Vancouver, BC
V6B 1L8
Canada

Business No.: 842828558

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			June 8 - 9, 2007 Mobilization of crew and equipment			
			Mobilization	G		11,000.00
			Subtotal:			11,000.00
			G - GST 6%			
			GST			660.00
				POSTED		
				NA-01		
				Pul July 17, 2007 # 1004		
Comments				Freight		0.00
				Total Amount		11,660.00

AUDOIN DIAMOND DRILLING LTD.

INVOICE

8 Urquhart Ave.
Portenay, British Columbia V9N 3K8
Canada

Invoice No 7
Date 23/06/2007
Page 1

Bill To:

IDAHO CREEK PROJECT
Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
1016-510 West Hastings St
Vancouver, BC
V6B 1L8
Canada

Business No.: 842828568

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			June 10 - 11, 2007 Mobilization from staging area to first hole			
	112	Hour	Man field rate	G	65.00	7,280.00
			Subtotal:			7,280.00
			G - GST 6%			
			GST			436.80
Comments						Freight 0.00
						Total Amount 7,716.80

POSTED

NA-01

paid July 10, 2007
1004

OK'd by Bill July 10, 2007

51

PAUDOIN DIAMOND DRILLING LTD.

1 Urquhart Ave.
 Port Moody, British Columbia V9N 3K8
 Canada

INVOICE

Invoice No 9
 Date 30/08/2007
 Page: 1

Bill To:

IDAHO CREEK PROJECT
 Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
 1016-510 West Hastings St
 Vancouver, BC
 V6B 1L8

Canada

Business No.: 842828568

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			June 12 - 19, 2007 Hole # ID-07-01			
	7.6	Meter	Casing	G	94.00	714.40
	295.7	Meter	Coring	G	94.00	27,795.80
	144	Hour	Man field rate	G	65.00	9,360.00
	44.5	Hour	Equipment field rate	G	100.00	4,450.00
	8	Day	Extra supply pump	G	100.00	800.00
	2	Each	Rod grease	G	115.00	230.00
	2	Each	BTW 10' rod - 100%	G	140.00	280.00
	1	Each	BTW bit - 75%	G	300.00	300.00
	1	Each	GS550	G	190.00	190.00
	1	Each	550X	G	190.00	190.00
			15% S/H on Items 6 - 10	G		178.50
			Subtotal:			44,488.70
			G - GST 8%			
			GST			2,669.32
Comments				Freight		0.00
				Total Amount		47,158.02

NA-01

OK'd by Bill Johnson

OK on Bill July 10, 1907

AUDOIN DIAMOND DRILLING LTD.

1 Urquhart Ave.
 Port Moody, British Columbia V9N 3K8
 Canada

INVOICE

Invoice No. 12
 Date: 05/07/2007
 Page 1

Id To:

IDAHO CREEK PROJECT
 Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
 1016-510 West Hasting St
 Vancouver, BC
 V6B 1L8

Canada

Business No.: 842828588

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			June 26 - 30, 2007 Hole # ID-07-03			
	3.1	Meter	Casing	G	94.00	291.40
	320	Meter	Coring	G	94.00	30,080.00
	59	Hour	Man field	G	55.00	3,245.00
	12.5	Hour	Equipment field rate	G	100.00	1,250.00
	5	Day	Extra supply pump	G	100.00	500.00
	1	Each	BTW 10' rod - 100%	G	140.00	140.00
	1	Each	BTW bit - 50%	G	200.00	200.00
	1	Each	GS550	G	190.00	190.00
	1	Each	Rod grease	G	115.00	115.00
			15% S/H on Items 6 - 9	G		96.75
			Subtotal:			36,698.15
			G - GST 6%			
			GST			2,201.89
Comments						0.00
						Freight
						Total Amount
						38,900.04

POSTED

OK on Bill July 10, 2007

BEAUDOIN DIAMOND DRILLING LTD.

INVOICE

141 Urquhart Ave.
Courtenay, British Columbia V9N 3K8
Canada

Invoice No.: 13
Date: 28/07/2007
Page: 1

Sold To:

IDAHO CREEK PROJECT
Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
1016-510 West Hastings St.
Vancouver, BC
V6B 1L8

Canada

Business No.: 842828568

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			July 1 - 3, 2007 Hole # ID-07-04A			
1.	21.3	Meter	Casing	G	94.00	2,002.20
2.	74.7	Meter	Coring	G	94.00	7,021.80
3.	73.5	Hour	Man field rate	G	65.00	4,777.50
4.	20.5	Hour	Equipment field rate	G	100.00	2,050.00
5.	3	Day	Extra supply pump	G	100.00	300.00
			Subtotal:			16,151.50
			G - GST 6%			
			GST			969.09
Comments						Freight 0.00
Total Amount						17,120.59

POSTED

NAD 1

OK'd by Bill Long, 2007

✓

BEAUDOIN DIAMOND DRILLING LTD.

41 Urquhart Ave.
 Courtenay, British Columbia V9N 3K8
 Canada

INVOICE

Invoice No.: 14
 Date: 28/07/2007
 Page: 1

Sold To:

IDAHO CREEK PROJECT
 Idaho Creek Project

Ship To:

IDAHO CREEK PROJECT
 1016-510 West Hastings St.
 Vancouver, BC
 V6B 1L8

Canada

Business No.: 842828568

Item No.	Quantity	Unit	Description	Tax	Unit Price	Amount
			July 3 - 7, 2007 Hole # ID-07-04B			
1.	218.2	Meter	Coring - hole starts at 27.4M	G	94.00	20,510.80
2.	77.5	Hour	Man field rate	G	65.00	5,037.50
3.	25.5	Hour	Equipment field rate	G	100.00	2,550.00
4.	4	Day	Extra supply pump	G	100.00	400.00
5.	1	Each	Rod grease	G	115.00	115.00
6.	1	Each	550X	G	190.00	190.00
7.	1	Each	BTW bit	G	200.00	200.00
8.	1	Each	BW casing shoe - 100%	G	275.00	275.00
9.			15% S/H on items 5 - 8	G		117.00
			Subtotal:			29,395.30
			G - GST 6%			
			GST			1,763.72
Comments				Freight		0.00
Total Amount						31,159.02

POSTED

NA 01

OK'd by Bill (my r, 2007)

41