ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578

ASSESSMENT REPORT

describing

DIAMOND DRILLING

at the

ZAP PROPERTY

Zap 1-10 YC47977-YC47986
11-50 YC50228-YC50267

NTS 106D/8
Latitude 64°16'N; Longitude 134°04'W

in the

Mayo Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

ROCKHAVEN RESOURCES LTD.

by

D. Gregory, B.Sc. Geology, GIT
December 2008

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INTRODUCTION

The Zap property hosts silver-lead-zinc mineralization in breccias, stockworks and veins. It is located in central Yukon Territory and is owned 100% by Rockhaven Resources Ltd.

This report describes exploration work conducted between June 24 and July 10, 2008 by Archer, Cathro & Associates (1981) Limited on behalf of Rockhaven. Three diamond drill holes totaling 359.66 m were completed. The drilling tested beneath silver-lead-zinc showings in order to establish continuity and controls of mineralization. The author's statement of qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Zap property consists of 50 contiguous mineral claims located in central Yukon Territory on NTS map sheet 106D/8 at latitude 64°16' N and longitude 134°04' W (Figure 1). The claims are registered with the Mayo Mining Recorder in the name of Archer Cathro, which holds them in trust for Rockhaven. Claim data are listed below while the locations of individual claims are shown on Figure 2.

Claim Number	Grant Number	Expiry Date*
Zap 1-10	YC47977-YC47986	May 19, 2012
11-50	YC50228-YC50267	February 2, 2009

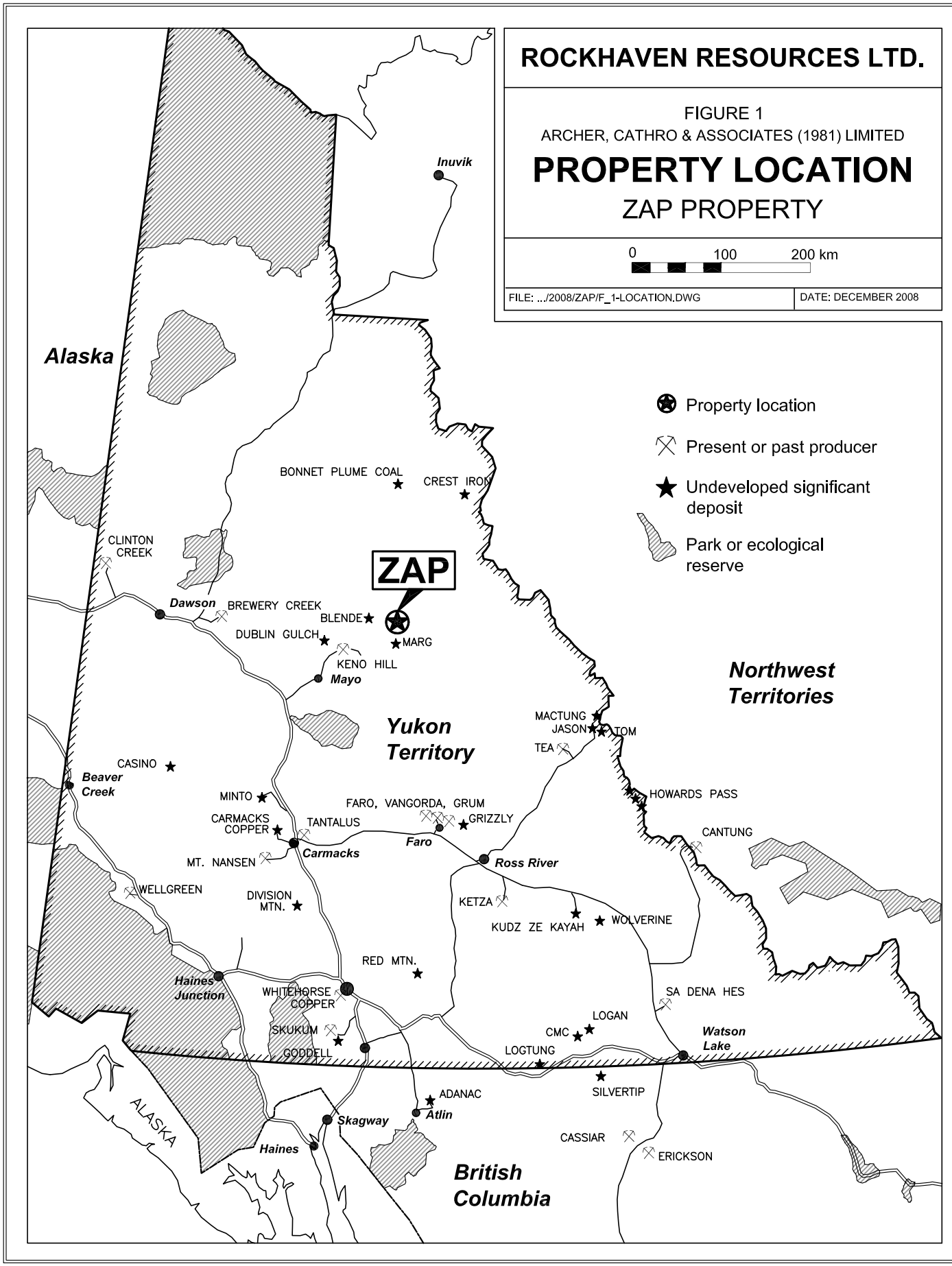
* Expiry dates do not include 2008 work which has not yet been filed for assessment credit.

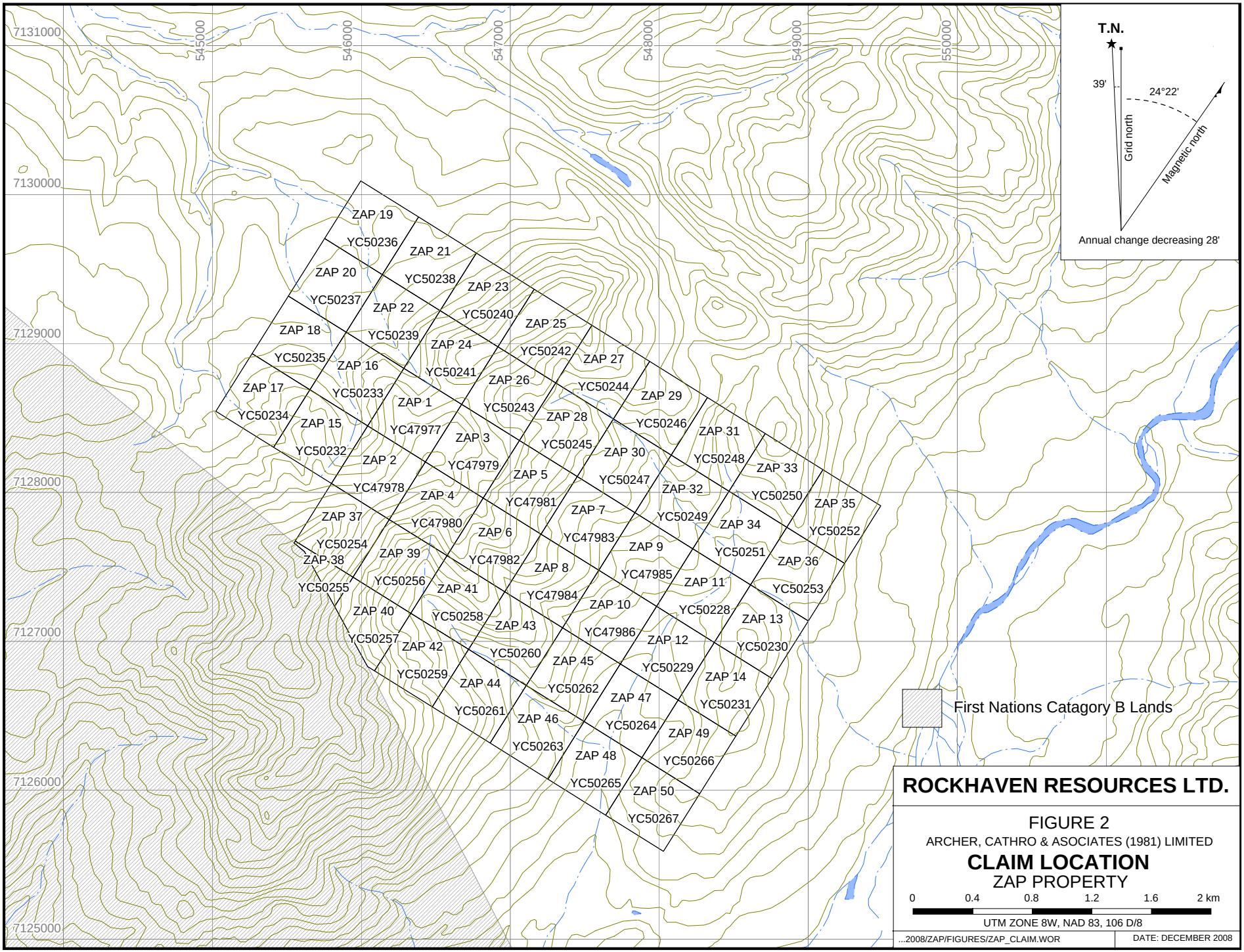
The Zap property is located 105 km northeast of the village of Mayo, which is accessible via the Yukon highway system using the Klondike and Silver Trail highways. Mayo is situated 407 km by road north of Whitehorse. The closest road access to the property is at McQuesten Lake, which lies 87 km by road northeast of Mayo and 60 km by air southwest of the property. From McQuesten Lake, an abandoned winter road extends northward to a small airstrip at Kathleen Lake, 6 km southwest of the property. The airstrip at Kathleen Lake is suitable for short take-off and landing fixed wing aircraft while the lake itself is used by float equipped aircraft. From the airstrip the property can be accessed via a bulldozer trail.

In 2008, the crew was based at a field camp on the Rau property, 14 km southwest of the Zap property. Mobilization and demobilization of equipment and supplies, drill moves and daily crew support were all provided by a Hughes 500D helicopter operated by Fireweed Helicopters Ltd. of Whitehorse, YT.

PREVIOUS HISTORY

The area now covered by the Zap property was first staked in 1977 by Prism Joint Venture (Asamera Oil Corp., Chieftain Development Ltd., Prism Resources Ltd., Siebens Oil and Gas Ltd. and E & B Exploration Ltd.). This joint venture carried out mapping and soil geochemical surveys in 1977; more mapping, soil geochemical surveys, gravity surveys, hand trenching and 5 diamond drill holes totalling 527.3 m in 1978 (Cavey, 1979); and, additional soil sampling and 8


ROCKHAVEN RESOURCES LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
ZAP PROPERTY
0
100
200 km
FILE: .../2008/ZAP/F_1-LOCATION.DWG
DATE: DECEMBER 2008
Property location
Present or past producer
Undeveloped significant deposit
Park or ecological reserve
Alaska
Inuvik
BONNET PLUME COAL
CREST IRON
CLINTON CREEK
ZAP
Dawson
BREWERY CREEK
BLENDE
DUBLIN GULCH
MARG
KENO HILL
Mayo
Yukon Territory
Northwest Territories
MACTUNG
JASON
TOM
TEA
CASINO
Beaver Creek
MINTO
FARO, VANGORDA, GRUM
GRIZZLY
HOWARDS PASS
CARMACKS COPPER
TANTALUS
Faro
CANTUNG
Carmacks
MT. NANSEN
Ross River
WELLGREEN
DIVISION MTN.
KETZA
KUDZ ZE KAYAH
WOLVERINE
RED MTN.
Haines Junction
WHITEHORSE COPPER
SA DENA HES
LOGAN
SKUKUM
CMC
Watson Lake
GODDELL
LOGTUNG
SILVERTIP
ADANAC
Atlin
ALASKA
Skagway
CASSIAR
Haines
ERICKSON
British Columbia


7131000
7130000
7129000
7128000
7127000
7126000
7125000
545000
546000
547000
548000
549000
550000
ZAP 19
YC50236
ZAP 21
ZAP 20
YC50238
ZAP 23
YC50237
ZAP 22
YC50240
ZAP 25
ZAP 18
YC50239
ZAP 24
YC50242
ZAP 27
YC50235
ZAP 16
YC50241
ZAP 26
ZAP 17
YC50233
YC50244
ZAP 29
ZAP 1
YC50243
YC50234
ZAP 15
ZAP 28
YC50246
YC47977
ZAP 3
ZAP 31
YC50245
YC50232
ZAP 30
ZAP 2
YC50248
YC47979
ZAP 33
ZAP 5
YC50247
YC47978
ZAP 32
ZAP 4
YC50250
YC47981
ZAP 35
ZAP 37
ZAP 7
YC50249
YC47980
ZAP 34
ZAP 6
YC50252
YC50254
YC47983
ZAP 9
ZAP 38
ZAP 39
YC50251
YC47982
ZAP 36
ZAP 8
YC47985
YC50255
YC50256
ZAP 11
ZAP 41
YC50253
YC47984
ZAP 10
ZAP 40
YC50228
YC50258
ZAP 13
ZAP 43
YC47986
YC50257
ZAP 12
ZAP 42
YC50230
YC50260
ZAP 45
YC50229
YC50259
ZAP 14
ZAP 44
YC50262
ZAP 47
YC50231
YC50261
ZAP 46
YC50264
ZAP 49
YC50263
ZAP 48
YC50266
YC50265
ZAP 50
YC50267
T.N.
39'
24°22'
Grid north
Magnetic north
Annual change decreasing 28'
First Nations Catagory B Lands
ROCKHAVEN RESOURCES LTD.
FIGURE 2
ARCHER, CATHRO & ASOCIATES (1981) LIMITED
CLAIM LOCATION
ZAP PROPERTY
0 0.4 0.8 1.2 1.6 2 km
UTM ZONE 8W, NAD 83, 106 D/8
...2008/ZAP/FIGURES/ZAP_CLAIM.WOR
DATE: DECEMBER 2008

diamond drill holes totalling 953.4 m in 1979 (Cavey, 1980). Dome Petroleum Ltd. replaced Siebens Oil and Gas as a venture partner in 1979.

Although work by the joint venture outlined one of the largest and strongest silver-in-soil anomalies in Yukon, the drilling was relatively ineffective (a number of holes were lost and most were positioned such that they did not test the probable sources of the main soil anomalies). The two best drill intersections graded 277.7 g/t silver, 4.0% lead and 0.3% zinc over 3.1 m across a sphalerite-galena bearing breccia and 28.5 g/t silver, 1.7% lead and 2.6% zinc over 10.6 m across a major normal fault that bisects the property. Results of the gravity survey were considered to be largely unreliable due to the magnitude of the topographic corrections.

No further work was reported until Strategic Metals Ltd. staked the property in spring 2006. Work that summer consisted of a week long program of prospecting and soil geochemical sampling (Eaton, 2007). This was followed up by a day of prospecting by three geologists in 2007. Strategic Metals sold the property to Rockhaven in spring of 2008.

GEOMORPHOLOGY

The property lies on the southern edge of the Wernecke Mountains. It is drained by creeks that flow into the Rackla River and ultimately into the Pacific Ocean via the Stewart and Yukon rivers.

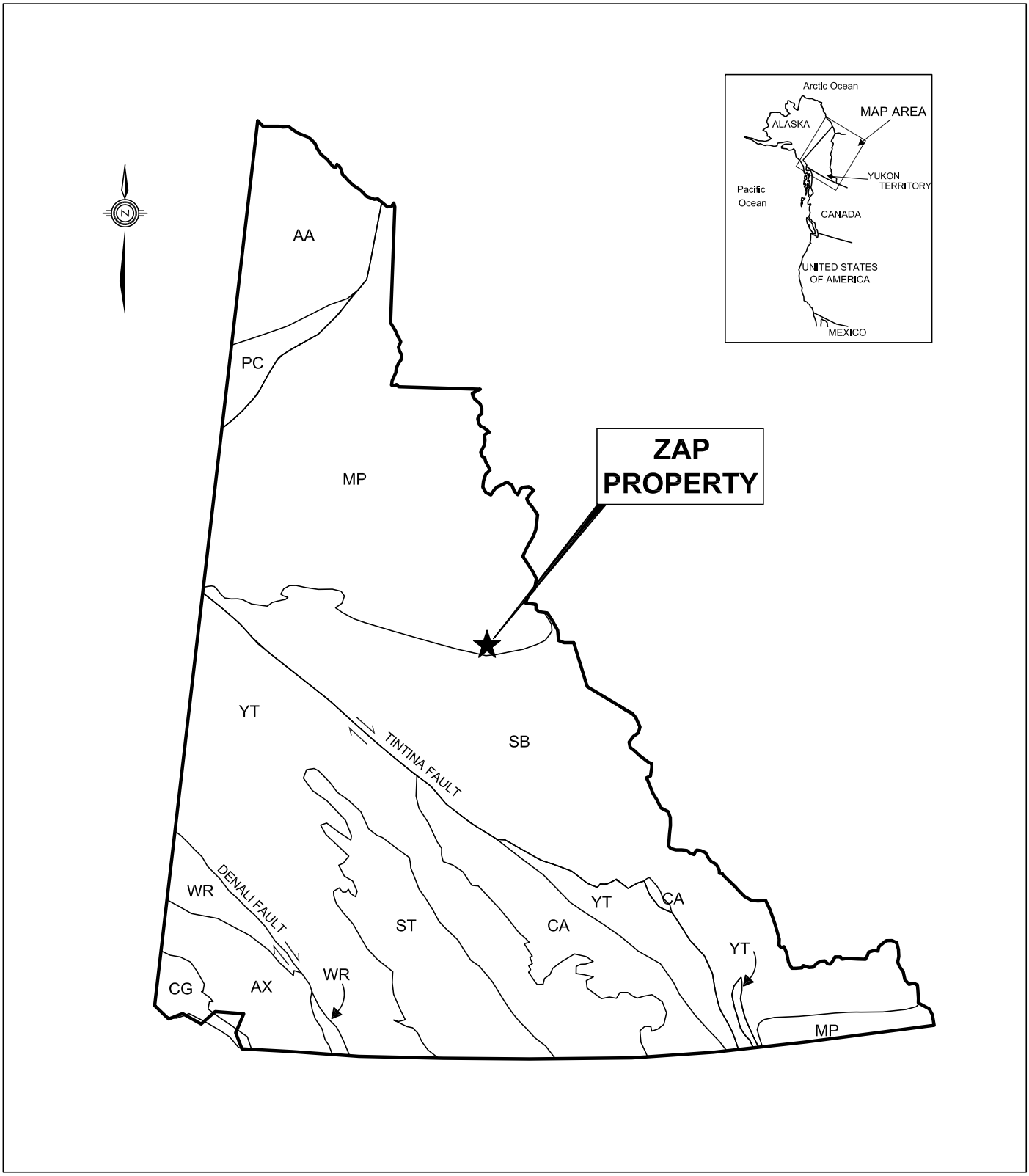
The geomorphological setting is alpine to subalpine with local elevations ranging from approximately 900 m in the southern part of the claim block to 1670 m atop a peak in the northern part. Most of the property lies on a long, south facing hillside featuring a series of deeply incised drainages separated by broad talus- and soil-covered ridges. Near the peak, outcrop and talus predominate, particularly on the steeper north- and east-facing slopes. Outcrop is rare at elevations below 1600 m.

Vegetation consists of mature spruce along creeks in the southern part of the property, which gradually gives way to stunted spruce, buckbrush and grass, and then lichen covered talus on upper slopes. Tree line is at about 1500 m.

REGIONAL GEOLOGY

Geology on the map sheet covering the Zap property was mapped at a 1:250,000 scale in the 1960s by the Geological Survey of Canada (Green, 1972). The part of the map sheet containing the property was remapped at the same scale by the GSC in the 1970s (Blusson, 1978). More detailed 1:50,000 scale mapping was done over the property in the late 1980s (Roots, 1990).

The Zap property lies on the north side of a band of regional-scale thrust faults that imbricate rocks of Selwyn Basin and Mackenzie Platform (Figures 3 and 4). Selwyn Basin stratigraphy consists of regionally metamorphosed, basinal sediments of Neoproterozoic to Paleozoic age. Mackenzie Platform stratigraphy comprises dominantly shallow water carbonate and clastic sediments that were deposited from Mid-Proterozoic through Paleozoic times. Both packages of sediments were deposited on the western margin of ancestral North America. During Triassic



ANCESTRAL NORTH AMERICA

MP	Mackenzie Platform
SB	Selwyn Basin

TERRANES
Displaced Continental Margin

AA	Arctic Alaska
CA	Casslar
PC	Porcupine

Pericratonic Terranes

YT	Yukon-Tanana / Slide Mountain

ACCRETED TERRANES

ST	Stikinia / Cache Creek
AX	Alexander
WR	Wrangellia
CG	Chugach

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FIGURE 3

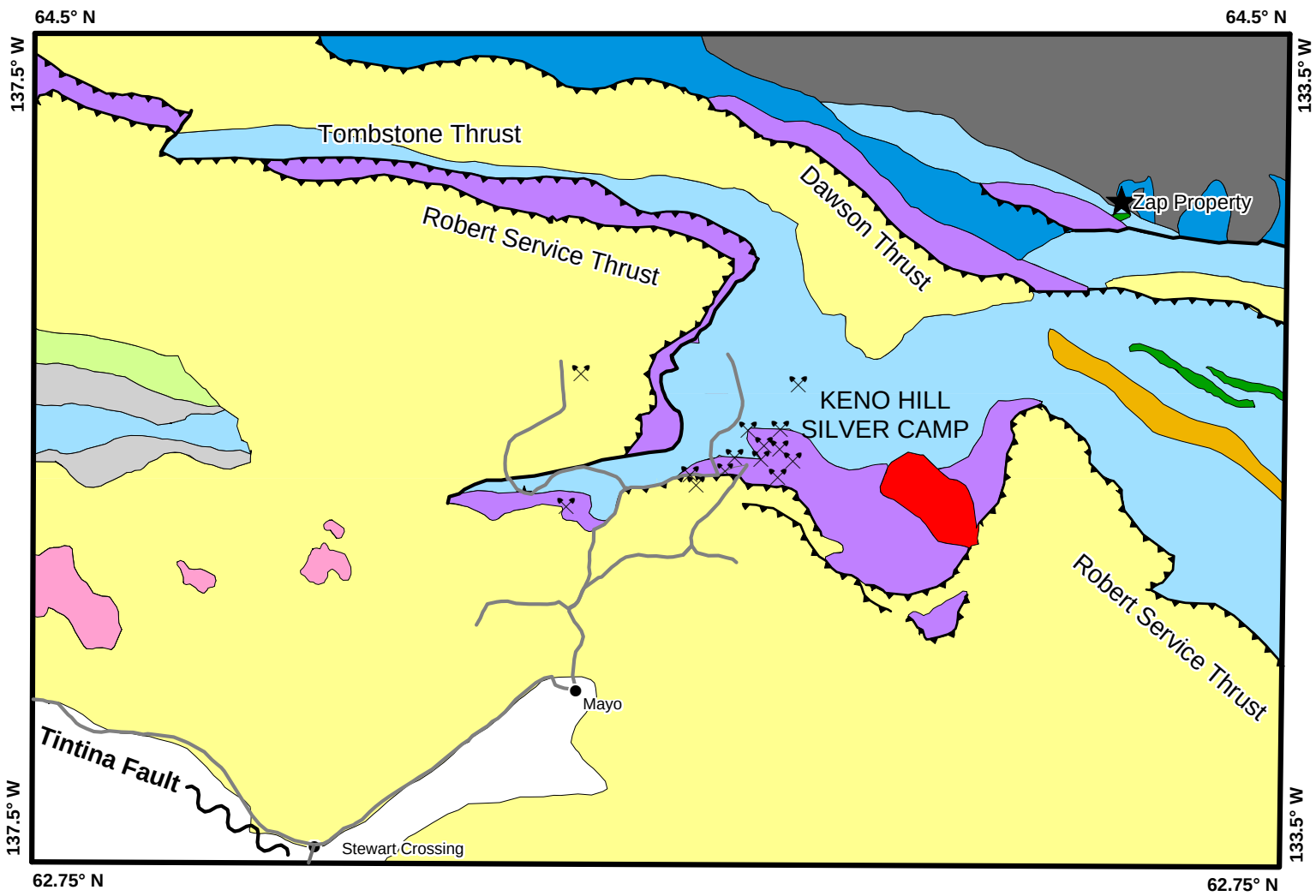
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

ZAP PROPERTY

0 100 200 km

DRAWN\REVISED BY: DDG	
FILE: ...\FIG 03 - TECTONIC SETTING	DATE: DECEMBER 2008



N

- Former mine
- High angle fault
- Thrust fault
- Major trancurrent fault
- Road

- Overburden
- McQuesten Suite intrusions - two-mica granite
- Tombstone Suite intrusions - granite and granodiorite
- Jones Lake and Mt. Christie Formations - sandstone and limestone
- Galena Suite intrusions - diorite and gabbro
- Keno Hill Quartzite - metamorphosed sandstone, shale and phyllite
- Earn Group - shale, chert and pebble conglomerate
- Road River Group - shale, chert and siltstone
- Gull Lake Formation - shale,sandstone and conglomerate
- Hyland Group - schist, sandstone, shale and limestone
- Bouvette Formation - limestone and shale
- Gillespie Lake Group - dolostone and sandstone

Modified from: Roots in Cathro (2006)

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FIGURE 4

REGIONAL GEOLOGY
ZAP PROPERTY

0 50 km

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DATE: DECEMBER 2008

times, hornblende diorite and gabbro sills were emplaced to the south of the property within Mackenzie Platform sediments.

The thrust faults were active during Jurassic to Cretaceous times (160 to 130 Ma), when the area underwent compressional orogenesis related to large-scale plate convergence (Fingler, 2005). Between 94-90 Ma intermediate to felsic plutons of the Tombstone Suite were emplaced in a belt about 30 km south of the property (Mortensen et al, 2000). Another compressional orogenic event, which occurred about 65 Ma, was accompanied by emplacement of felsic intrusions assigned to the McQuesten Suite. The closest pluton assigned to the McQuesten Suite is located on the Rau property, 14 km to the southwest.

The Tombstone, Dawson and Robert Service Thrusts Faults, plus a number of lesser thrust faults affect stratigraphy in the Zap area. All of these thrusts verge northeast and predate emplacement of the Tombstone Suite intrusions. The thrust panel that directly underlies the Zap property affects units of Mackenzie Platform and its basement rocks, which range from the Lower Proterozoic to Lower Devonian in age.

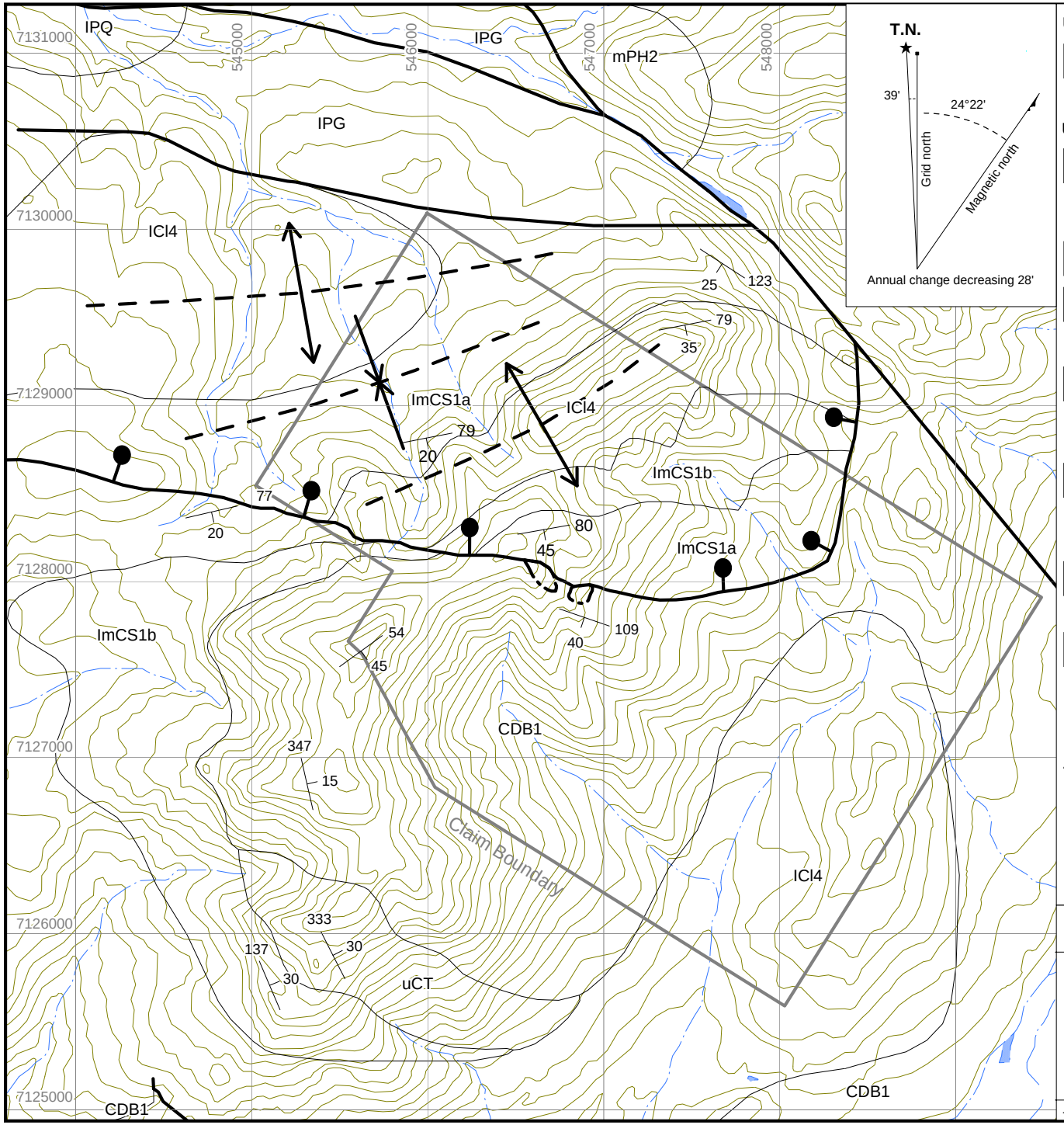
PROPERTY GEOLOGY

The following geological descriptions have been compiled from work done in the late 1970s by Prism (Cavey, 1980), in the 1980s by Indian and Northern Affairs Canada (Roots, 1990) and in the 1990s by Yukon Geological Survey (Gordy and Makepeace, 1999).

The property is underlain by sedimentary rocks that range from Lower Cambrian to Lower Devonian in age. Three units outcrop on the property. They appear to comprise two distinct stratigraphic and structural domains that are juxtaposed by a steeply north dipping normal fault (Figure 5). The units are described in the following paragraphs.

The youngest unit, the **Bouvette Formation**, outcrops in the southern part of the property. It comprises well bedded, medium grained dolostone that can be further divided based on colour. The uppermost subunit is about 50 m thick and weathers orange. It grades into underlying grey weathering dolomite that includes a 10 m thick section of onoclitic dolomite. Within the upper subunit, immediately south of the normal fault, there is a carbonaceous, often brecciated, black dolostone with chert interbeds. These carbonaceous dolostones are frequently mineralized (see Mineralization section). In the southeastern part of the property the Bouvette Formation is disconformably underlain by light grey, medium bedded dolostone and massive, pale grey limestone of the Upper Proterozoic to Lower Cambrian **Iltyd Formation**.

On the north side (hanging wall) of the normal fault, rocks of the Iltyd Formation are overlain by the Lower to Middle Cambrian **Slats Creek Formation**, which is made up of two sub-units. The younger subunit forms along a 1650 m long, up to 500 m wide band located immediately north of the fault. It consists of well bedded, blocky weathering quartzite with thin, orange weathering dolostone interbeds. The older sub-unit consists of brown weathering limey shale.



Upper Cambrian to Lower Devonian

CDB1 — Bouvette Formation: thick bedded often brecciated orange and grey weathering dolostone. Contains a basal carbonaceous, often mineralized, dolostone subunit.

Upper Cambrian

uCT — Taiga Formation: thin bedded dolostone with abundant siderite replacement giving weathered surfaces a "striped" appearance.

Lower and Middle Cambrian

ImCS1a — Slats Creek Formation: well bedded quartzite with thin dolostone interbeds.

ImCS1b — Slats Creek Formation: brown weathering limey shale.

Lower Cambrian

ICl4 — Iltyd Formation: light grey, medium bedded dolostone and massive, pale grey limestone.

Middle Proterozoic

mPH2 — Hart River Group: resistant dark weathering diorite and gabbro sills and dykes

Lower Proterozoic

IPG — Gillespie Lake Group: dolostone and silty dolostone with lesser interbedded black siltstone, shale and quartzose sandstone.

IPQ — Quartet Group: interbedded black weathering shale and finely laminated dark weathering siltstone.

Fault, unknown sense of movement

Normal fault

Anticlinal fold - approximate trend

Synclinal fold - approximate trend

80 — Strike and dip of bedding

45 — Outline of carbonaceous breccia

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FIGURE 5

ARCHER, CATHRO & ASOCIATES (1981) LIMITED

PROPERTY GEOLOGY

ZAP PROPERTY

0 0.4 0.8 1.2 1.6 2 km

UTM ZONE 8W, NAD 83, 106 D/8

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DATE: DECEMBER 2008

Bedding on the property shows a wide variety of strikes and dips but tend to strike east north-east and dip to the south. A series of open synclines and anticlines have been mapped to the north of the normal fault.

MINERALIZATION

Three types of mineralization identified at the Zap property are described below.

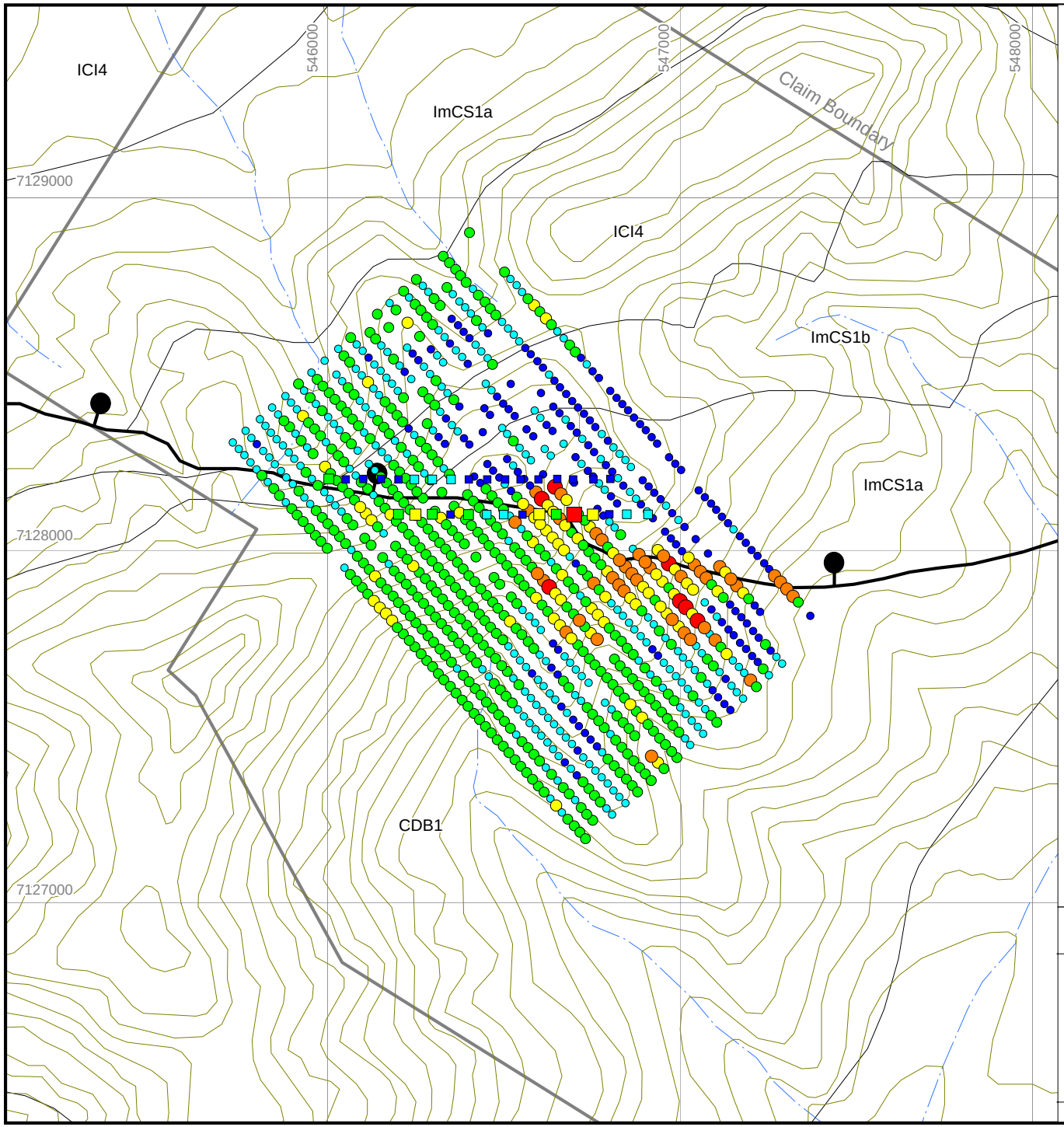
1) Galena and tetrahedrite occur with coarse white barite crystals in breccia developed in carbonaceous and chert rich horizons near the top of the Bouvette Formation, immediately adjacent to the normal fault. Float specimens of this material have assayed up to 3428 g/t silver (Cavey, 1980) but rock and chip samples from outcrops typically returned 20 to 300 g/t silver with 1 to 7% lead. Where exposed along a cirque wall, at the head of the main soil geochemical anomaly, this type of mineralization occurs irregularly within two zones each about 180 m long and 10 m across. Three specimen samples of talus were collected along the section line of DDH-Zap08-10 in 2006. They assayed: 9.1 g/t silver, 0.73% lead and 0.56% zinc; 38.5 g/t silver, 0.79% lead and 0.37% zinc and 26.8 g/t silver, 0.72% lead and 0.94% zinc. Mineralization of this type was cut by DDH-Zap-79-08, which averaged 28.5 g/t silver, 1.7% lead and 2.6% zinc across 10.6 m. It may also have been cut by another hole (DDH-Zap-78-03) 160 m to the northeast. Mineralization in this hole was not as well developed, averaging 5.0 g/t silver, 0.1% lead and 0.5% zinc across 16 m with a maximum grade of 45.6 g/t silver, 1.7% lead and 7.8% zinc across 30 cm.

2) Sphalerite and galena are found within coarsely crystalline dolomite matrix in brecciated grey and orange dolostone, south (down section) from the carbonaceous breccias. These breccias have not been systematically sampled, but they appear to be more erratically mineralized than the type 1 carbonaceous breccias. Mineralized specimens of type 2 dolostone breccia typically produced lower values, between 20 and 80 g/t silver with 0.2 to 3% lead. Type 2 mineralization was occasionally intersected in drill holes and returned up to 277.7 g/t silver, 4% lead and 0.3% zinc across 3.1 m.

3) Galena and tetrahedrite are also hosted in veins that cut the Bouvette Formation dolomite. The best of these veins is partially exposed in three bulldozer trenches that lie about 400 m south of the type 1 showings. This vein strikes 070° and dips 70° to the south. It is about 0.2 m wide and is intermittently exposed over a 40 m strike length. The mineralization is relatively massive, and rock samples taken in 2006 ranged from 2050 to 4010 g/t silver with 42 to 71% lead. There is only weak soil geochemical response in the vicinity of this vein.

SOIL GEOCHEMISTRY

Prism's soil sampling outlined coincident, moderately to intensely anomalous silver, lead and zinc values that appear to be sourcing from the Type 1 carbonaceous breccias located immediately southwest of the normal fault. In 2006, 32 soil samples were taken by Strategic metals to confirm Prism's results. These samples returned values ranging between 29 and 7450 ppm lead, 35 to 2930 ppm zinc and nil to 29.1 ppm silver. The results closely resemble values obtained by Prism in the same area. Compilation maps of the Prism and 2006 soil



Silver (ppm)

2006 1978

- ≥20
- ≥10 > 20
- ≥5 > 10
- ≥2 > 5
- ≥1 > 2
- ≥0.1 > 1

T.N.

39'

24°22'

Grid north

Magnetic north

Annual change decreasing 28'

Upper Cambrian to Lower Devonian

CDB1 — Bouvette Formation: thick bedded, often brecciated orange and grey weathering dolostone. Contains a basal carbonaceous, often mineralized, dolostone subunit.

Lower and Middle Cambrian

ImCS1a — Slats Creek Formation: well bedded quartzite with thin dolostone interbeds.

ImCS1b — Slats Creek Formation: brown weathering limey shale.

Lower Cambrian

ICl4 — Iltyd Formation: light grey, medium bedded dolostone and massive, pale grey limestone.

Normal fault

Soil sample (1978)

Soil sample (2006)

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FIGURE 6

ARCHER, CATHRO & ASOCIATES (1981) LIMITED

SILVER SOIL GEOCHEMISTRY

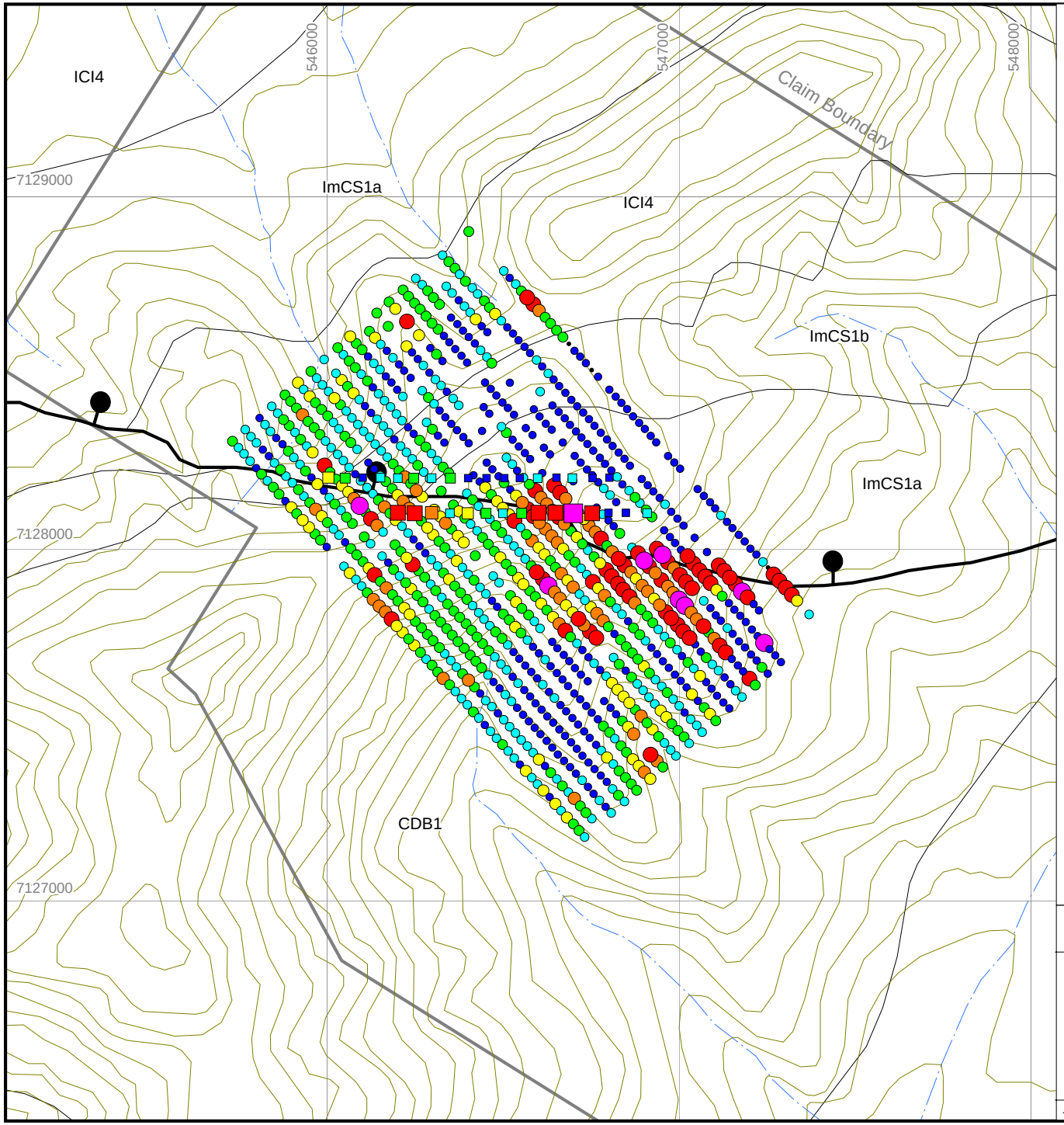
ZAP PROPERTY

0 0.2 0.4 0.6 0.8 1 km

UTM ZONE 8W, NAD 83, 106 D/8

...2008/ZAP/FIGURES/ZAP_silver.WOR

DATE: DECEMBER 2008



Lead (ppm)

2006 1978

- ≥5,000
- ≥2,000 < 5,000
- ≥1,000 < 2,000
- ≥500 < 1,000
- ≥200 < 500
- ≥100 < 200
- 0 < 100

T.N.

39' 24°22'

Grid north

Magnetic north

Annual change decreasing 28'

Upper Cambrian to Lower Devonian

CDB1 — Bouvette Formation: thick bedded, often brecciated, orange and grey weathering dolostone. Contains a basal carbonaceous, often mineralized, dolostone subunit.

Lower and Middle Cambrian

lmCS1a — Slats Creek Formation: well bedded quartzite with thin dolostone interbeds.

lmCS1b — Slats Creek Formation: brown weathering limey shale.

Lower Cambrian

ICl4 — Iltyd Formation: light grey, medium bedded dolostone and massive, pale grey limestone.

Normal fault

Soil sample (1978)

Soil sample (2006)

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FIGURE 7

ARCHER, CATHRO & ASOCIATES (1981) LIMITED

LEAD SOIL GEOCHEMISTRY

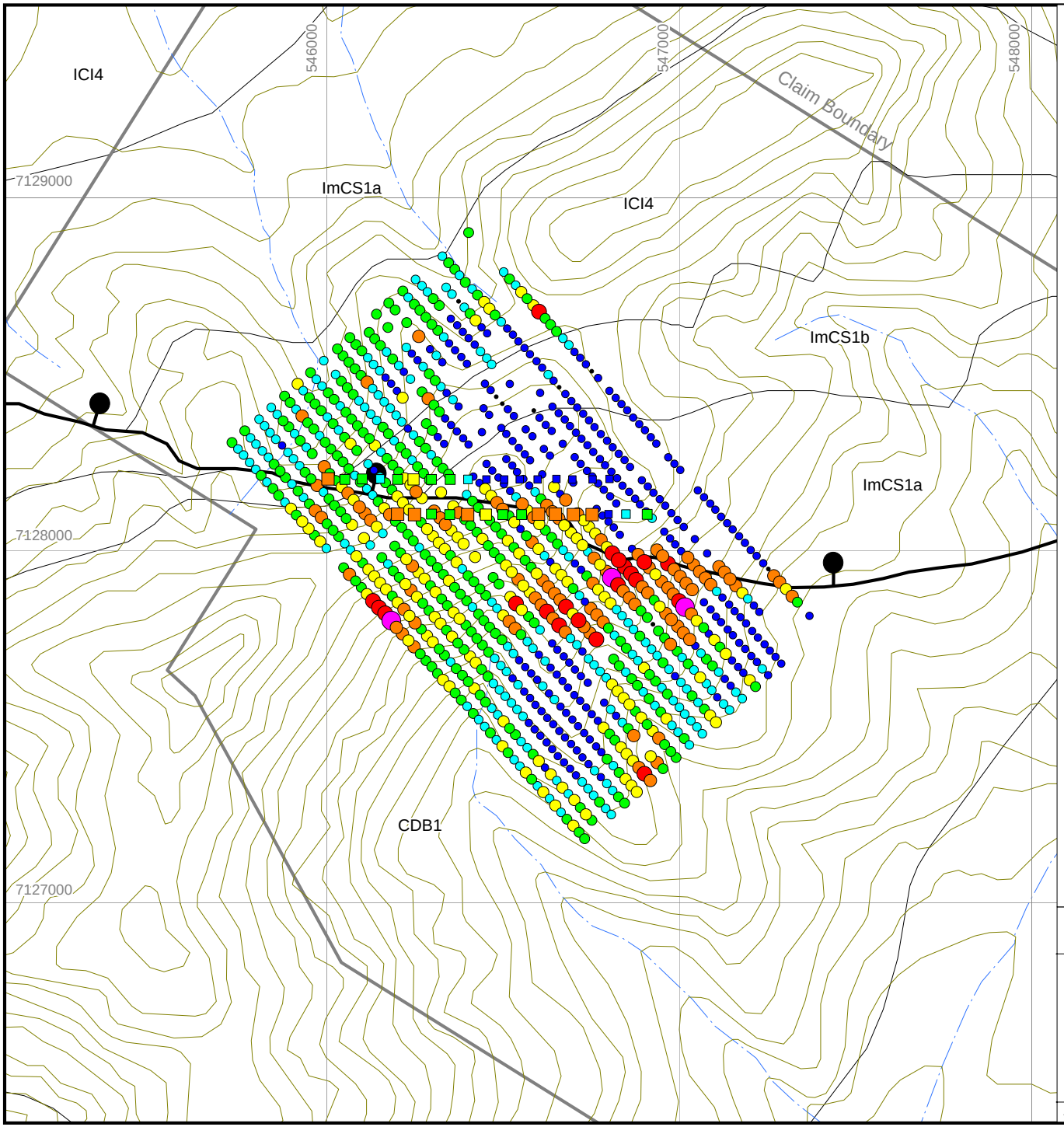
ZAP PROPERTY

0 0.2 0.4 0.6 0.8 1 km

UTM ZONE 8W, NAD 83, 106 D/8

...2008/ZAP/FIGURES/ZAP_LEAD.WOR

DATE: DECEMBER 2008



Zinc (ppm)

2006 1978

≥10,000			
≥5,000	<	10,000	
≥2,000	<	5,000	
≥1,000	<	5,000	
≥500	<	1,000	
≥200	<	500	
0	<	200	

T.N.

39'

24°22'

Grid north

Magnetic north

Annual change decreasing 28'

Upper Cambrian to Lower Devonian

CDB1 — Bouvette Formation: thick bedded, often brecciated orange and grey weathering dolostone. Contains a basal carbonaceous, often mineralized, dolostone subunit.

Lower and Middle Cambrian

ImCS1a — Slats Creek Formation: well bedded quartzite with thin-bedded dolostone.

ImCS1b — Slats Creek Formation: brown weathering limey shale.

Lower Cambrian

ICl4 — Iltyd Formation: light grey, medium bedded dolostone and massive, pale grey limestone.

Normal fault

Soil sample (1978)

Soil sample (2006)

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FIGURE 8

ARCHER, CATHRO & ASOCIATES (1981) LIMITED

ZINC SOIL GEOCHEMISTRY

ZAP PROPERTY

0 0.2 0.4 0.6 0.8 1 km

UTM ZONE 8W, NAD 83, 106 D/8

...2008/ZAP/FIGURES/ZAP_ZINC.WOR

DATE: DECEMBER 2008

sampling programs are provided for silver, lead and zinc in Figures 6, 7 and 8 respectively. The highest soil values (up to 60 ppm silver, 18100 ppm lead and 10700 ppm zinc) were obtained from samples collected about 400 m east of the main type 1 breccia exposures. The anomalous trend cuts obliquely across topography with local modification by downhill dispersion. The values weaken to the west after crossing the ridgeline at the head of the main cirque.

Prism outlined a number of secondary anomalies south and west of the main anomalous trend. These anomalies appear to be related to type 2 breccias and type 3 veins deeper in the stratigraphic section.

DIAMOND DRILLING

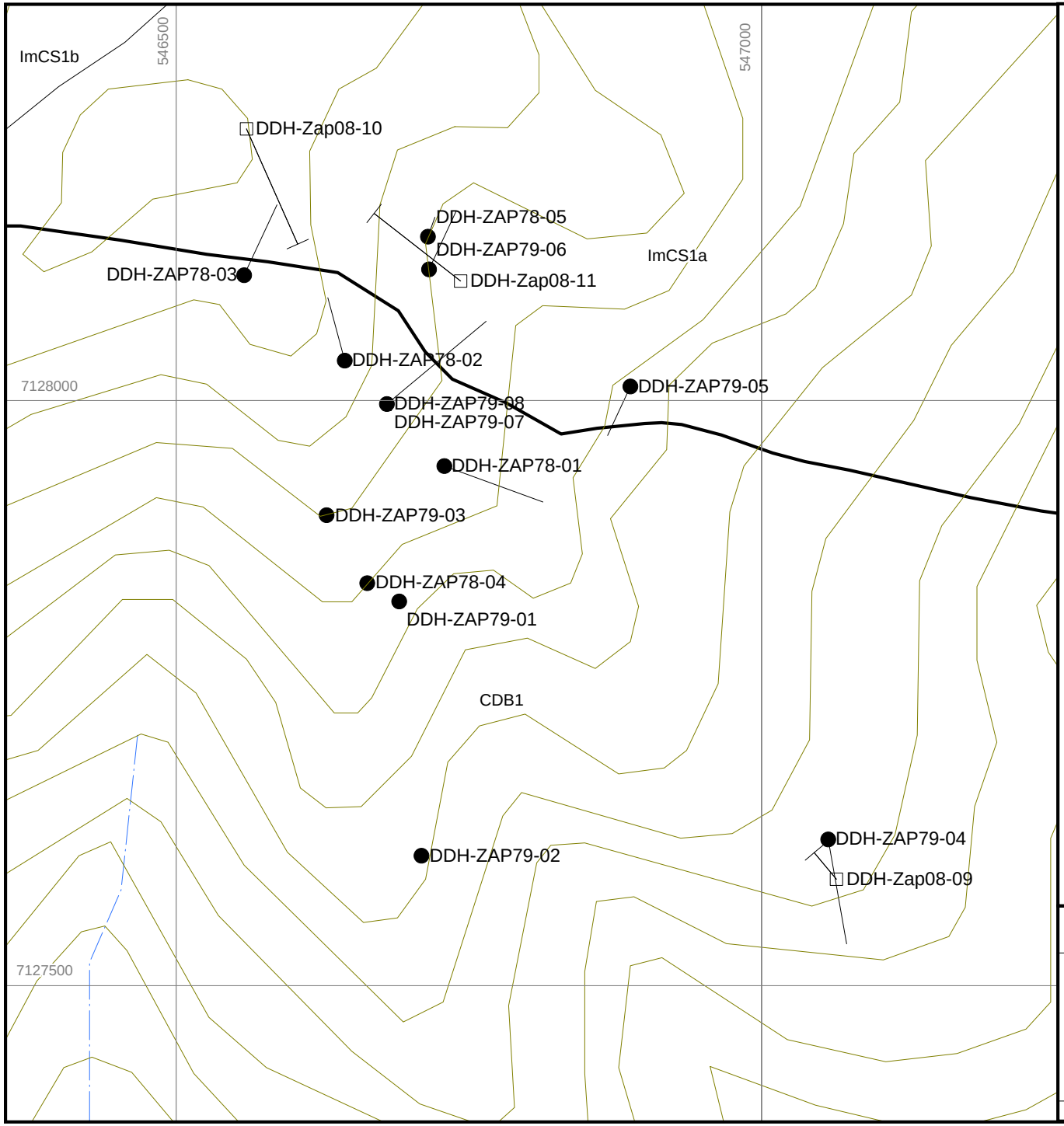
Drilling was conducted between June 24 and July 2, 2008 by Superior Diamond Drilling Inc. of Kelowna, BC. The work was completed with a Mandrill 1200 diesel powered drill using BTW equipment. All drill moves were made by helicopter. A total of 359.66 m of diamond drilling were completed in 3 holes (Figure 9).

Table I: 2008 Drill Hole Data

Hole	Easting (m)	Northing (m)	Azimuth (°)	Angle(°)	Depth (m)
ZAP08-09	547064	7127591	320	-50	45.72
ZAP08-10	546560	7128232	156	-50	167.64
ZAP08-11	546743	7128102	308	-50	146.30

Core was transported by helicopter from the drill sites to a logging area at the Rau property, where recovery was measured and geological and geotechnical logging were performed. Geologically and mineralogically favourable intervals were split; one half of each interval was bagged and sent for analysis while the other half was returned to the core box. All core that was not submitted for analysis is stored at the Rau property. Sample handling procedures and analytical techniques can be found in Appendix II while Certificates of Analysis are in Appendix III. Appendix IV contains the geological and geotechnical logs. Locations for all drill holes are shown on Figure 9 while sections for DDH-ZAP08-09, -10 and -11 are on Figures 10, 11 and 12 respectively.

The 2008 holes explored beneath type 1 and 3 showings described earlier in this report. DDH-ZAP08-09 tested beneath the massive galena vein that is exposed in trenches in the central part of the property. Results from this hole were disappointing with the best interval returning only 9 ppm silver, 4859 ppm zinc and 2885 ppm lead across 5.5 m from a type 2 breccia interval. However, a limonitic, hydrothermally altered interval that was intersected approximately where the vein is projected to be was not sampled. This interval should be sampled. DDH-ZAP08-10 was designed to test the type 1 carbonaceous breccia zones on the footwall (southeast) side of the normal fault. Unfortunately difficult drill conditions caused the hole to be abandoned prior to piercing any carbonaceous breccias. The third hole (DDH-ZAP08-11) scissored DDH-ZAP08-10 but was collared too far forward, again intersecting only hanging wall rocks. Neither of these latter holes returned above background assays. DDH-ZAP08-10 intersected prospective clay gouge zones with sulphide casts and limonite stringers that were not sampled. These zones differ



T.N.

39'

24°22'

Grid north

Magnetic north

Annual change decreasing 28'

Upper Cambrian to Lower Devonian

CDB1 — Bouvette Formation: thick bedded, often brecciated, orange and grey weathering dolostone. Contains a basal carbonaceous, often mineralized, dolostone subunit.

Lower and Middle Cambrian

ImCS1a — Slats Creek Formation: well bedded quartzite with thin-bedded dolostone.

ImCS1b — Slats Creek Formation: brown weathering limey shale.

Normal fault (north dipping)

Diamond drill hole (2008)

Diamond drill hole (1979, 1978)

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FIGURE 9

ARCHER, CATHRO & ASOCIATES (1981) LIMITED

DRILL HOLE LOCATIONS

ZAP PROPERTY

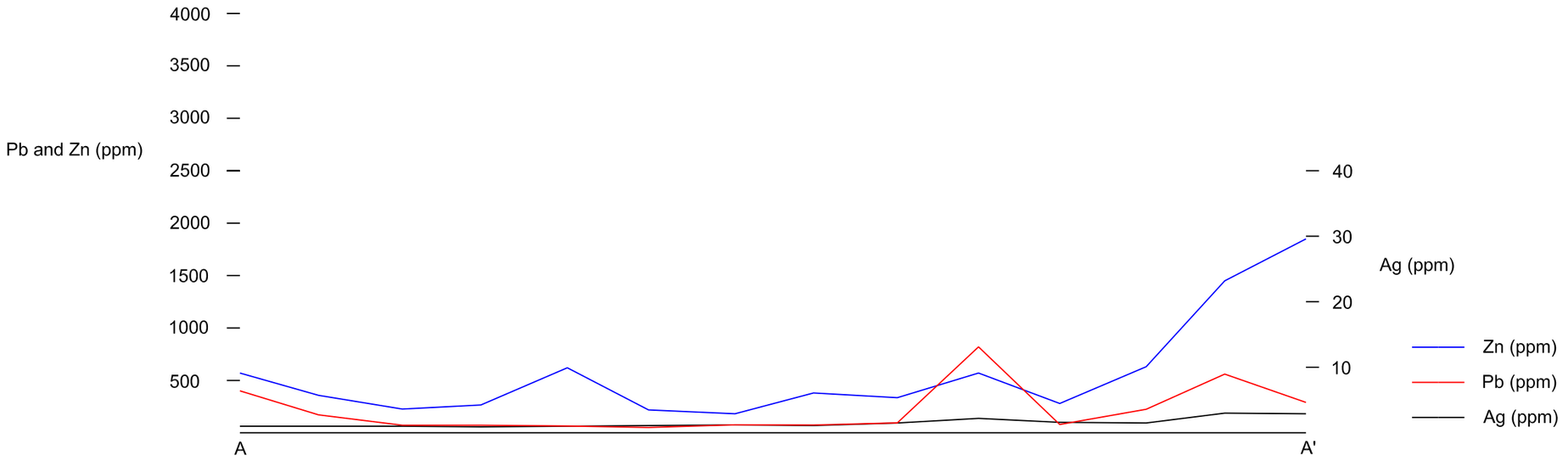
0 0.1 0.2 0.3 km

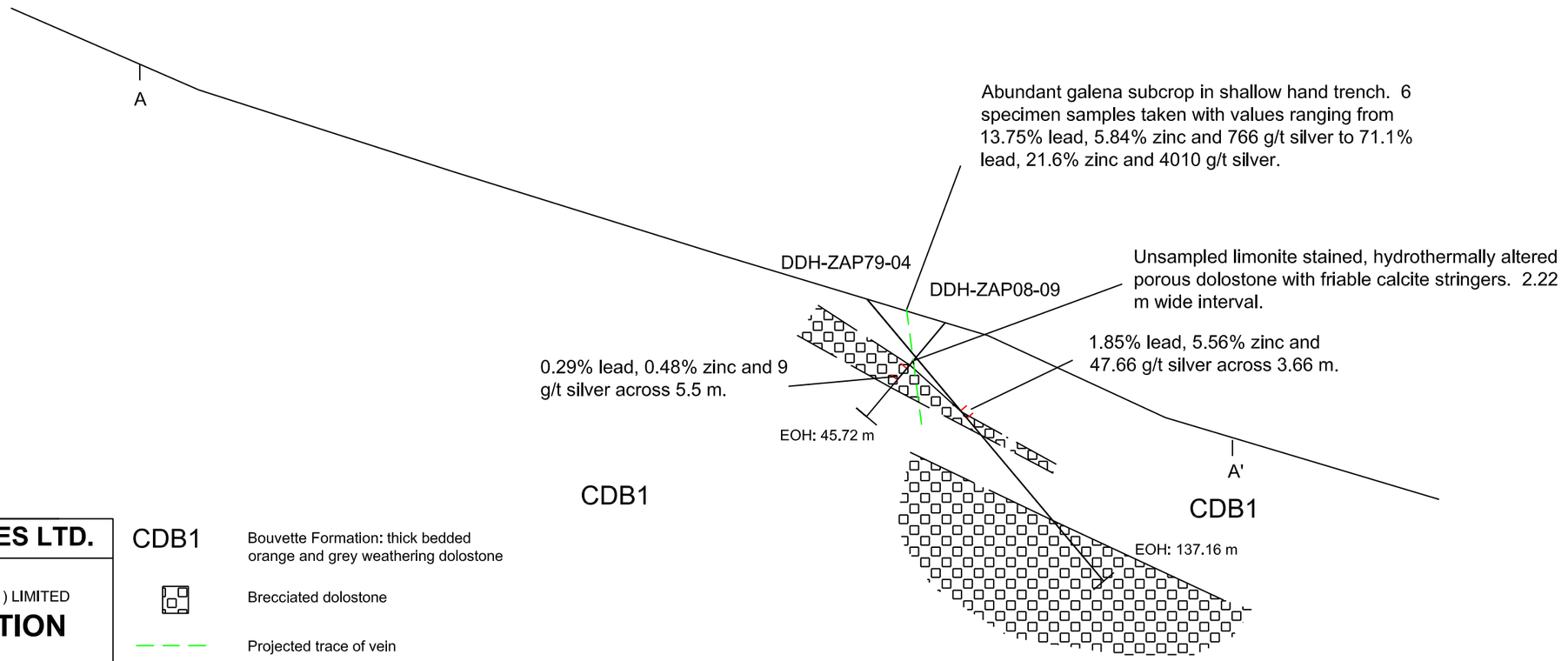
UTM ZONE 9W, NAD 83, 106 D/8

...2008/ZAP/FIGURES/ZAP_drill_loc.WOR

DATE: DECEMBER 2008

Surface soil geochemistry approximately along section line





ROCKHAVEN RESOURCES LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-ZAP08-09 SECTION

ZAP PROPERTY

0 25 50 75 100 m

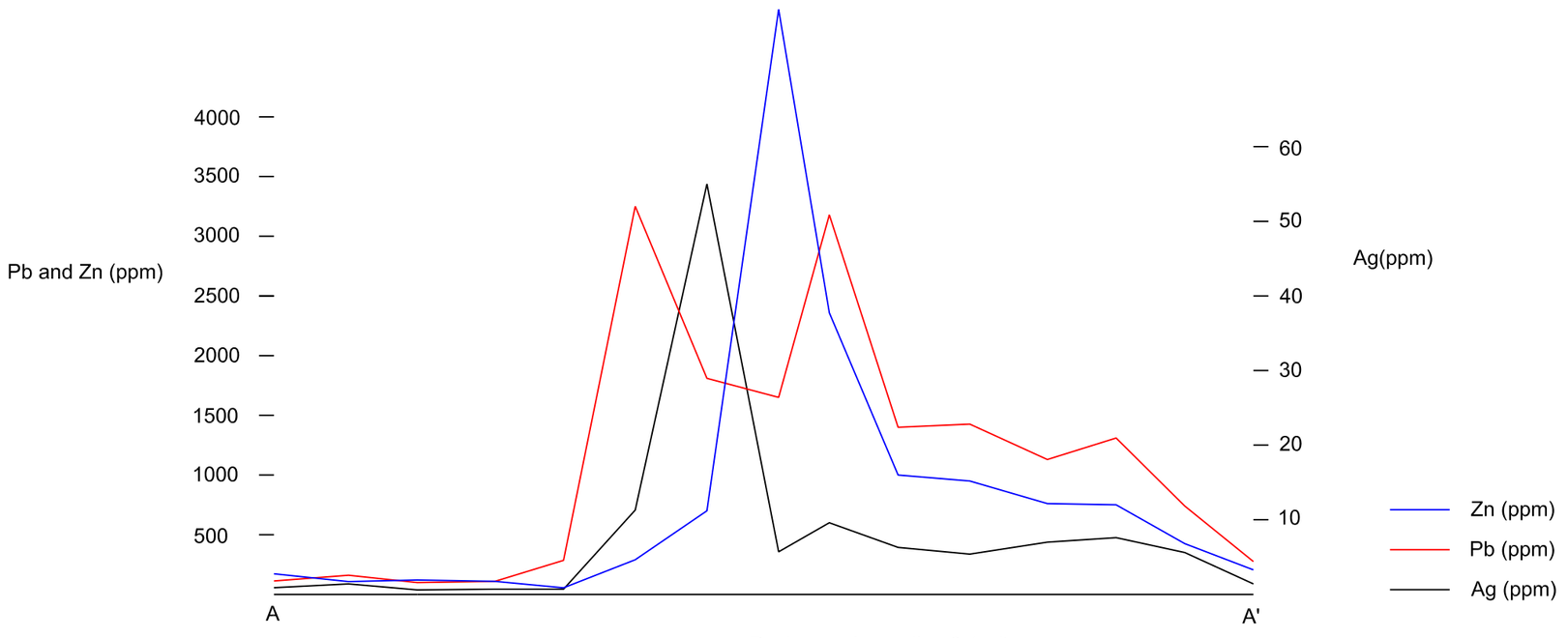
DRAWN / REVISED BY: D. GREGORY	PROJECT: ZAP
FILE: P:\2008\ZAP\FIGURES\DDH-ZAP08-09_sectIon	DATE: DECEMBER, 2008

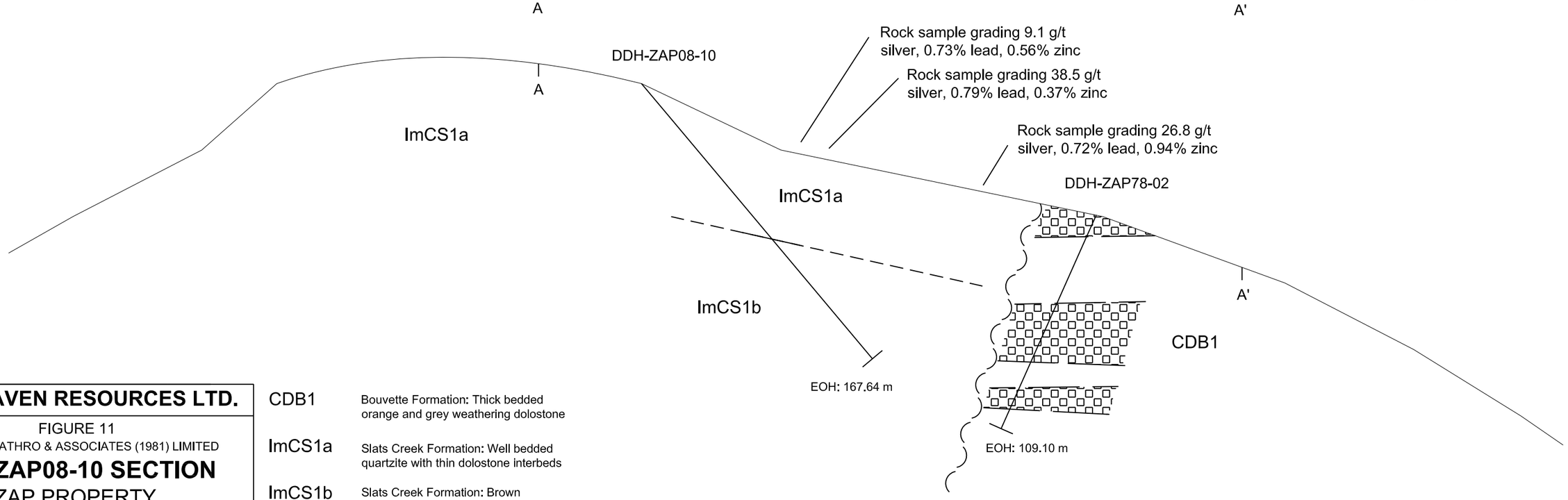
CDB1 — Bouvette Formation: thick bedded orange and grey weathering dolostone

Brecciated dolostone

Projected trace of vein

Surface soil geochemistry approximately along section line





ROCKHAVEN RESOURCES LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-ZAP08-10 SECTION

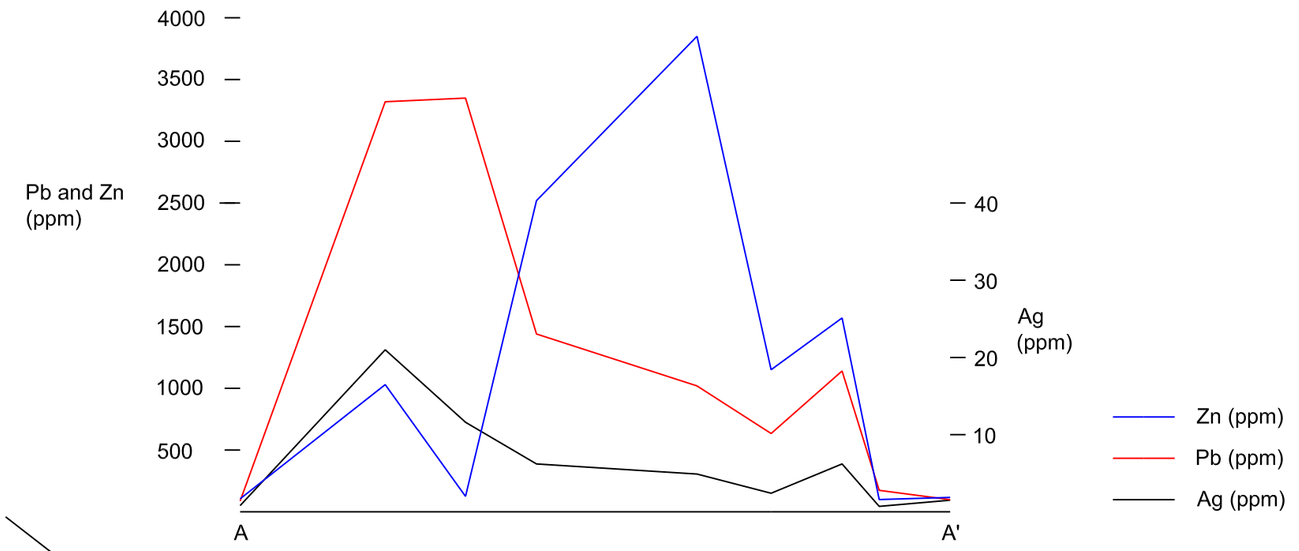
ZAP PROPERTY

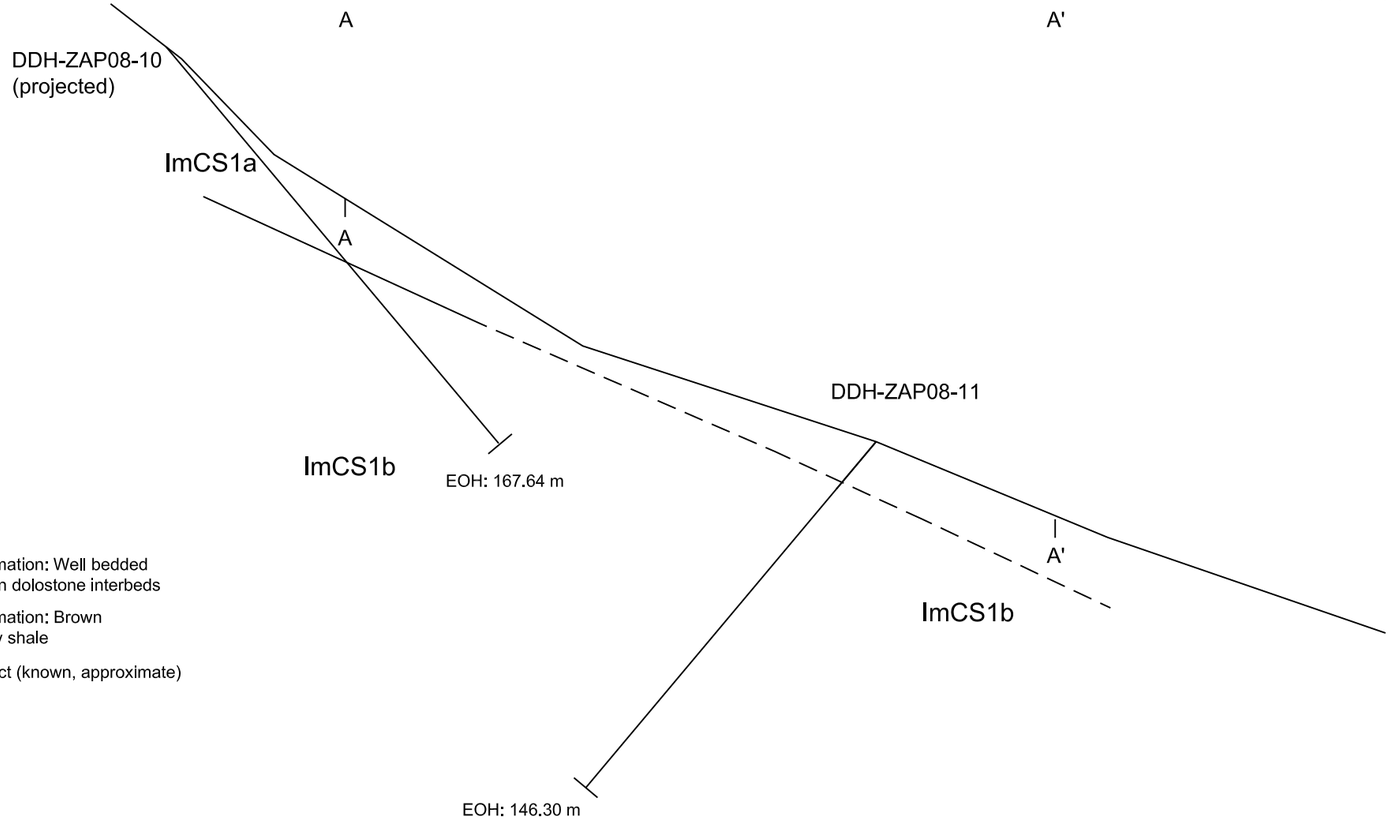
0 25 50 75 100 m

DRAWN / REVISED BY: D. GREGORY	PROJECT: ZAP
FILE: P:\2008\ZAP\FIGURES\DDH-ZAP08-10_section	DATE: DECEMBER, 2008

CDB1	Bouvette Formation: Thick bedded orange and grey weathering dolostone
ImCS1a	Slats Creek Formation: Well bedded quartzite with thin dolostone interbeds
ImCS1b	Slats Creek Formation: Brown weathering limey shale
	Approximate fault orientation
	Geological contact (known, approximate)
	Brecciated dolostone

Surface soil geochemistry approximately along section line





ImCS1a	Slats Creek Formation: Well bedded quartzite with thin dolostone interbeds
ImCS1b	Slats Creek Formation: Brown weathering limey shale
—— — –	Geological contact (known, approximate)

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FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DDH-ZAP08-11 SECTION

ZAP PROPERTY

0 25 50 75 100 m

DRAWN / REVISED BY: D. GREGORY	PROJECT: ZAP
FILE: P:\2008\ZAP\FIGURES\DDH-ZAP08-11_section	DATE: DECEMBER, 2008

from surface showings and occur higher in the hole than would have been expected. In spite of these discrepancies, they may still be responsible for the soil geochemical anomaly and should be sampled.

DISCUSSION AND CONCLUSIONS

Soil sampling by Prism identified strongly anomalous silver, lead and zinc values directly downhill from mineralized breccia zones developed adjacent to a steep normal fault. Most of the anomalous area is talus or soil covered. Near the peak in the northern part of the property, the anomalous values approximately coincide with cherty and baritic, carbonaceous breccias that commonly contain limonitic pits and are locally mineralized with galena and tetrahedrite. While some of the anomalous soil values appear to be the result of downhill dispersion from these mineralized breccia exposures or are explained by smaller showings deeper in the stratigraphy, much of the anomalous trend cannot be explained by the known mineralization because it is orientated obliquely to topography and crosses drainages.

Only two of the holes drilled by Prism intersected the mineralized carbonaceous breccia that is believed to be responsible for the main soil anomaly, they graded 28.5 g/t silver, 1.7% lead and 2.6% zinc over 10.6 m and 5.0 g/t silver, 0.1% lead and 0.5% zinc across 16.0 m. Two of the three holes drilled in 2008 were designed to intersect the same breccia zone, but one hole had to be terminated prior to reaching the desired depth, and the other one was drilled too far forward, entirely in the hanging wall. As a result, neither hole successfully tested across the carbonaceous breccia.

The third hole of the 2008 program was intended to intersect the best silver-rich galena vein exposed on the property, but it did not cut any high grade mineralization.

Further work is warranted and should include: grid and/or contour soil sampling along the unsampled trace of the fault; re-logging and further sampling of 2008 drill holes; and, diamond drilling with large bore equipment (HQ) to better test the most prospective showings.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

D. Gregory, B.Sc., GIT

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Daniel Gregory, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. (Hons.) in Geology.

2. From 2004 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 153805).

4. I have personally participated in the fieldwork reported herein.

Daniel Gregory, B.Sc., GIT

APPENDIX II

SAMPLE HANDLING AND ANALYTICAL PROCEDURES

During the 1970s, Prism conducted grid soil sampling at 50 m by 100 m spacings across an area in the north-central part of the property, which is 1500 m long by 900 m wide. The samples were analyzed for silver, lead and zinc. No details were given regarding where the analyses were done or what techniques were used.

In 2006 a total of 32 soil samples were collected at 50 m intervals on two lines positioned so that they covered areas that had returned background to strongly anomalous values from Prism's work. The samples were sent to ALS Chemex in North Vancouver where they were dried, screened to -180 microns, dissolved in aqua regia and then analyzed for 34 elements using the inductively coupled plasma-atomic emission spectroscopy technique (ME-ICP41).

Drill core samples were flown by helicopter from the Rau field camp to Keno City, where they were met by a representative of Archer Cathro who escorted them to Whitehorse. They were then shipped to ALS Chemex in North Vancouver by commercial carrier. Core and rock samples were dried and crushed to 70% minus 2 mm, before a 250 g split was taken and pulverized to better than 85% minus 75 microns. A split of the pulverized fraction was dissolved in 4 acid "near-total digestion" mixture and analyzed for 33 elements using inductively coupled plasma atomic emission spectroscopy techniques.

APPENDIX III

CERTIFICATES OF ANALYSIS

ALS Chemex
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ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

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VANCOUVER BC V6B 1L8

Finalized Date: 18-AUG-2008
Account: ROCKHA

CERTIFICATE VA08105746

Project: ZAP

P.O. No.: ZAP-08-03

This report is for 29 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 22-JUL-2008.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing 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-ICP61a	High Grade Four Acid ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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:

Colin Ramshaw, Vancouver Laboratory Manager

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Project: ZAP

Finalized Date: 18-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08105746

Sample Description	Method	WEI-21	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%
	LOR	0.02	1	0.05	50	50	10	20	0.05	10	10	10	10	0.05	50	0.1
G004639		5.52	2	3.70	<50	250	<10	<20	0.07	<10	20	60	10	3.36	<50	3.3
G004640		5.08	1	3.54	<50	250	<10	<20	<0.05	<10	40	70	50	3.50	<50	3.7
G004641		4.80	<1	3.98	<50	170	<10	<20	0.08	<10	20	60	40	4.89	<50	2.6
G004642		3.54	<1	3.73	<50	180	<10	<20	<0.05	<10	20	60	60	3.17	<50	2.9
G004643		5.40	<1	4.58	<50	200	<10	20	0.05	<10	10	60	10	3.94	<50	3.0
G004644		3.78	<1	5.98	<50	240	<10	<20	0.13	<10	30	50	20	6.53	<50	2.8
G004645		4.38	1	4.44	<50	230	<10	<20	0.16	<10	10	50	40	5.33	<50	3.1
G004646		4.82	<1	7.32	<50	330	<10	20	2.76	<10	20	30	20	8.10	<50	2.0
G004647		5.24	<1	6.25	<50	270	<10	<20	5.90	<10	20	20	20	8.05	<50	1.8
G004648		4.54	1	6.54	<50	340	<10	<20	0.23	<10	20	40	10	5.64	<50	3.3
G004649		5.84	<1	5.04	<50	290	<10	<20	0.18	<10	30	50	10	5.06	<50	2.7
G004650		4.86	1	4.96	<50	280	<10	<20	0.12	<10	10	40	30	5.44	<50	2.9
G004651		3.56	<1	3.62	<50	270	<10	<20	<0.05	<10	10	60	20	4.85	<50	2.9
G004652		5.24	<1	2.95	<50	280	<10	<20	<0.05	<10	10	60	20	4.30	<50	3.6
G004653		4.92	<1	4.64	<50	240	<10	<20	0.11	<10	10	80	20	6.18	<50	2.1
G004654		5.34	1	2.93	<50	200	<10	<20	<0.05	<10	30	50	40	4.96	<50	2.3
G004655		5.02	<1	5.30	<50	190	<10	<20	0.07	<10	30	40	60	7.45	<50	1.9
G004656		5.90	1	4.21	<50	200	<10	<20	0.06	<10	20	50	30	7.40	<50	2.2
G004657		4.96	1	4.62	<50	270	<10	<20	0.31	<10	20	50	40	6.20	<50	2.0
G004658		1.20	<1	0.17	<50	<50	<10	<20	20.7	<10	<10	<10	10	0.50	<50	<0.1
G004659		5.82	1	3.90	80	210	<10	<20	0.10	<10	30	50	40	6.38	<50	2.2
G004660		6.48	<1	2.83	<50	210	<10	<20	0.06	<10	40	50	20	6.65	<50	2.0
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G004662		5.78	<1	3.59	<50	250	<10	<20	<0.05	<10	20	40	10	6.84	<50	2.1
G004663		5.00	<1	3.76	<50	240	<10	<20	0.06	<10	40	50	10	7.43	<50	2.2
G004664		5.22	<1	1.62	<50	280	<10	<20	<0.05	<10	30	60	10	2.89	<50	2.8
G004665		3.34	2	5.03	<50	300	<10	<20	0.06	<10	20	50	<10	6.66	<50	2.1
G004666		6.76	<1	2.88	<50	260	<10	<20	<0.05	<10	30	50	40	5.40	<50	2.1
G004667		5.32	<1	2.71	<50	290	<10	<20	0.06	<10	30	50	30	6.11	<50	2.5

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Project: ZAP

Finalized Date: 18-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08105746

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
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	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	50	0.05	10	10	0.05	10	50	20	0.1	50	10	10	50	0.05	50
G004639		<50	0.40	320	<10	0.11	40	450	90	0.5	<50	10	60	<50	0.46	<50
G004640		<50	0.34	300	<10	0.12	60	300	50	1.9	<50	10	60	<50	0.54	<50
G004641		<50	0.38	1140	<10	0.22	40	550	60	1.3	<50	10	50	<50	0.44	<50
G004642		<50	0.30	600	<10	0.20	80	220	80	0.9	<50	10	50	<50	0.47	<50
G004643		<50	0.47	1510	<10	0.19	20	220	40	0.2	<50	10	50	<50	0.45	<50
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G004646		<50	2.47	4070	<10	0.15	30	420	20	0.2	<50	10	80	<50	0.33	<50
G004647		<50	3.33	6080	<10	0.15	20	460	40	0.2	<50	10	90	<50	0.33	<50
G004648		<50	0.99	3030	<10	0.14	30	500	<20	0.1	<50	10	70	<50	0.43	<50
G004649		<50	0.67	1740	<10	0.21	40	800	20	0.3	<50	10	60	<50	0.43	<50
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G004651		<50	0.29	1000	<10	0.23	20	280	20	0.3	<50	10	80	<50	0.47	<50
G004652		<50	0.28	340	<10	0.21	20	310	<20	0.3	<50	10	70	<50	0.43	<50
G004653		<50	0.42	1040	<10	0.21	30	720	30	0.5	<50	10	90	<50	0.44	<50
G004654		<50	0.26	550	<10	0.19	30	310	40	0.9	<50	10	60	<50	0.41	<50
G004655		<50	0.49	950	<10	0.15	40	280	30	1.5	<50	10	80	<50	0.34	<50
G004656		<50	0.32	780	<10	0.18	20	290	30	1.0	<50	10	70	<50	0.32	<50
G004657		<50	0.39	630	<10	0.16	20	400	30	0.8	<50	10	90	<50	0.40	<50
G004658		<50	11.50	200	<10	0.12	<10	190	<20	0.1	<50	<10	40	<50	<0.05	<50
G004659		<50	0.37	850	<10	0.26	30	530	<20	0.8	<50	10	140	<50	0.42	<50
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G004661		<50	0.43	1250	<10	0.30	30	400	20	0.7	<50	10	80	<50	0.28	<50
G004662		<50	0.28	1040	<10	0.25	20	370	30	0.7	<50	10	60	<50	0.33	<50
G004663		<50	0.39	1050	<10	0.25	50	320	<20	0.9	<50	10	60	<50	0.34	<50
G004664		<50	0.12	270	<10	0.21	40	280	30	0.9	<50	<10	40	<50	0.49	<50
G004665		<50	0.41	910	<10	0.20	30	300	20	0.6	<50	10	70	<50	0.39	<50
G004666		<50	0.28	650	<10	0.16	40	310	30	1.3	<50	10	70	<50	0.39	<50
G004667		<50	0.29	780	<10	0.17	30	370	150	1.0	<50	10	60	<50	0.38	<50

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VANCOUVER BC V6B 1L8

Project: ZAP

Finalized Date: 18-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08105746

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOR	50	10	50	20
G004639		<50	130	<50	150
G004640		<50	160	<50	30
G004641		<50	140	<50	60
G004642		<50	110	<50	70
G004643		<50	100	<50	40
G004644		<50	100	<50	50
G004645		<50	130	<50	60
G004646		<50	70	<50	60
G004647		<50	60	<50	40
G004648		<50	100	<50	60
G004649		<50	110	<50	80
G004650		<50	100	<50	20
G004651		<50	140	<50	20
G004652		<50	130	<50	20
G004653		<50	140	<50	30
G004654		<50	130	<50	20
G004655		<50	120	<50	20
G004656		<50	130	<50	30
G004657		<50	140	<50	20
G004658		<50	<10	<50	<20
G004659		<50	140	<50	20
G004660		<50	130	<50	20
G004661		<50	130	<50	30
G004662		<50	130	<50	20
G004663		<50	140	<50	30
G004664		<50	160	<50	20
G004665		<50	140	<50	30
G004666		<50	140	<50	30
G004667		<50	130	<50	30

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To: **ROCKHAVEN RESOURCES LTD.**
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Finalized Date: 19-AUG-2008
Account: ROCKHA

CERTIFICATE TR08103824

Project: ZAP

P.O. No.:

This report is for 20 Drill Core samples submitted to our lab in Terrace, BC, Canada on 22-JUL-2008.

The following have access to data associated with this certificate:

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing 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-ICP61a	High Grade Four Acid ICP-AES	ICP-AES

To: **ROCKHAVEN RESOURCES LTD.**
ATTN: JOAN MARIACHER
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W HASTINGS STREET
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:

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: ZAP

Finalized Date: 19-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS TR08103824

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61a Ag ppm 1	ME-ICP61a Al % 0.05	ME-ICP61a As ppm 50	ME-ICP61a Ba ppm 50	ME-ICP61a Be ppm 10	ME-ICP61a Bi ppm 20	ME-ICP61a Ca % 0.05	ME-ICP61a Cd ppm 10	ME-ICP61a Co ppm 10	ME-ICP61a Cr ppm 10	ME-ICP61a Cu ppm 10	ME-ICP61a Fe % 0.05	ME-ICP61a Ga ppm 50	ME-ICP61a K % 0.1
G004619		3.84	<1	4.47	<50	140	<10	30	0.78	<10	10	50	90	4.85	<50	1.5
G004620		6.32	<1	8.78	<50	350	<10	<20	0.29	<10	10	50	60	4.42	<50	3.2
G004621		4.93	<1	6.24	<50	320	<10	<20	0.08	<10	10	80	10	4.04	<50	4.0
G004622		1.52	<1	0.20	<50	<50	<10	<20	21.2	<10	<10	<10	10	0.47	<50	0.1
G004623		4.79	<1	5.73	<50	290	<10	<20	0.07	<10	10	70	<10	2.25	<50	4.0
G004624		4.71	<1	9.64	<50	340	<10	20	0.21	<10	10	70	<10	7.70	<50	3.6
G004625		5.67	<1	4.72	<50	270	<10	<20	0.13	<10	30	60	10	5.19	<50	2.4
G004626		4.68	<1	2.99	<50	300	<10	<20	<0.05	<10	40	70	20	3.27	<50	2.7
G004627		5.02	1	6.19	<50	310	<10	<20	0.24	<10	20	70	60	6.36	<50	3.3
G004628		4.94	1	2.78	<50	300	<10	<20	<0.05	<10	20	60	10	2.28	<50	3.1
G004629		4.53	<1	3.37	<50	310	<10	<20	0.31	<10	30	60	20	4.45	<50	3.0
G004630		6.31	<1	6.55	<50	300	<10	<20	0.25	<10	20	60	120	7.83	<50	2.8
G004631		5.60	<1	4.38	<50	310	<10	<20	0.13	<10	30	70	50	5.10	<50	3.2
G004632		3.74	<1	7.21	<50	310	<10	<20	0.30	<10	20	70	80	7.54	<50	3.4
G004633		5.54	<1	5.20	<50	310	<10	<20	0.25	<10	20	70	10	5.67	<50	3.3
G004634		4.42	1	4.06	<50	360	<10	<20	0.11	<10	20	80	<10	2.70	<50	3.9
G004635		5.09	1	7.28	<50	310	<10	<20	0.23	<10	10	50	<10	8.18	<50	2.6
G004636		6.67	<1	5.51	<50	360	<10	<20	0.19	<10	10	70	20	4.58	<50	3.2
G004637		5.15	1	8.18	<50	280	<10	<20	0.55	<10	30	50	50	10.65	<50	2.6
G004638		6.54	<1	4.43	50	250	<10	<20	0.18	<10	10	70	60	6.04	<50	3.3

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1016 - 510 W HASTINGS STREET
VANCOUVER BC V6B 1L8

Project: ZAP

Finalized Date: 19-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS TR08103824

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	50	0.05	10	10	0.05	10	50	20	0.1	50	10	10	50	0.05	50
G004619		<50	1.45	2030	<10	<0.05	60	240	20	0.1	<50	10	50	<50	0.26	<50
G004620		<50	1.00	1080	<10	<0.05	20	560	<20	0.1	<50	20	60	<50	0.40	<50
G004621		<50	0.52	850	<10	0.05	30	440	<20	0.7	<50	10	60	<50	0.45	<50
G004622		<50	11.95	200	<10	<0.05	<10	200	<20	<0.1	<50	<10	50	<50	<0.05	<50
G004623		<50	0.41	260	<10	<0.05	10	210	<20	0.4	<50	10	50	<50	0.50	<50
G004624		50	1.19	4190	<10	0.05	10	540	<20	0.1	<50	20	70	<50	0.44	<50
G004625		<50	0.58	1880	<10	0.11	30	700	20	0.9	<50	10	50	<50	0.38	<50
G004626		<50	0.32	170	<10	0.11	60	240	30	1.8	<50	10	40	<50	0.48	<50
G004627		<50	0.77	1570	<10	0.13	30	960	<20	0.2	<50	10	70	<50	0.35	<50
G004628		<50	0.34	440	<10	0.11	20	200	<20	0.3	<50	<10	40	<50	0.46	<50
G004629		<50	0.50	780	<10	0.10	50	1920	20	1.3	<50	10	60	<50	0.41	<50
G004630		<50	0.93	1810	<10	0.12	30	980	<20	0.2	<50	10	80	<50	0.29	<50
G004631		<50	0.53	750	<10	0.11	40	630	<20	0.9	<50	10	70	<50	0.37	<50
G004632		<50	1.05	1140	<10	0.11	20	860	<20	0.1	<50	20	100	<50	0.31	<50
G004633		<50	0.64	940	<10	0.11	30	940	<20	0.1	<50	10	90	<50	0.34	<50
G004634		<50	0.40	300	<10	0.12	30	550	<20	0.1	<50	10	70	<50	0.43	<50
G004635		<50	1.84	2550	<10	0.09	20	280	<20	0.1	<50	10	70	<50	0.32	<50
G004636		<50	0.64	810	<10	0.11	30	650	<20	0.1	<50	10	90	<50	0.40	<50
G004637		<50	1.15	1650	<10	0.10	40	1500	<20	0.4	<50	20	90	<50	0.26	<50
G004638		<50	0.58	1300	<10	0.11	20	800	<20	0.3	<50	10	60	<50	0.33	<50

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VANCOUVER BC V6B 1L8

Project: ZAP

Finalized Date: 19-AUG-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS TR08103824

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOR	50	10	50	20
G004619		<50	30	<50	120
G004620		<50	100	<50	40
G004621		<50	120	<50	40
G004622		<50	<10	<50	<20
G004623		<50	100	<50	30
G004624		<50	90	<50	40
G004625		<50	110	<50	40
G004626		<50	130	<50	50
G004627		<50	130	<50	50
G004628		<50	120	<50	30
G004629		<50	130	<50	50
G004630		<50	130	<50	50
G004631		<50	120	<50	50
G004632		<50	120	<50	50
G004633		<50	120	<50	50
G004634		<50	130	<50	30
G004635		<50	70	<50	20
G004636		<50	130	<50	50
G004637		<50	110	<50	80
G004638		<50	120	<50	50

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Finalized Date: 27-JUL-2008
Account: ROCKHA

CERTIFICATE VA08091328

Project: ZAP

P.O. No.:

This report is for 5 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 4-JUL-2008.

The following have access to data associated with this certificate:

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-ICP61a	High Grade Four Acid ICP-AES	ICP-AES

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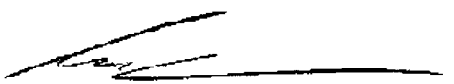
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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VANCOUVER BC V6B 1L8

Project: ZAP

Finalized Date: 27-JUL-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08091328

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-ICP61a Ag ppm 1	ME-ICP61a Al % 0.05	ME-ICP61a As ppm 50	ME-ICP61a Ba ppm 50	ME-ICP61a Be ppm 10	ME-ICP61a Bi ppm 20	ME-ICP61a Ca % 0.05	ME-ICP61a Cd ppm 10	ME-ICP61a Co ppm 10	ME-ICP61a Cr ppm 10	ME-ICP61a Cu ppm 10	ME-ICP61a Fe % 0.05	ME-ICP61a Ga ppm 50	ME-ICP61a K % 0.1
G004614		2.02	2	0.24	<50	<50	<10	<20	20.7	10	<10	<10	<10	1.50	<50	0.1
G004615		1.64	24	0.30	<50	<50	<10	<20	19.75	50	<10	<10	<10	1.50	<50	0.1
G004616		4.12	7	0.36	50	<50	<10	<20	19.55	30	<10	<10	60	1.93	<50	0.1
G004617		3.22	8	0.15	<50	<50	<10	<20	20.9	10	<10	<10	<10	1.97	<50	<0.1
G004618		1.70	1	0.10	<50	50	<10	<20	21.0	<10	<10	<10	<10	1.16	<50	<0.1

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Project: ZAP

Finalized Date: 27-JUL-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08091328

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl
	Units	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	50	0.05	10	10	0.05	10	50	20	0.1	50	10	10	50	0.05	50
G004614		<50	11.70	1470	<10	<0.05	<10	<50	1400	0.2	<50	<10	50	<50	<0.05	<50
G004615		<50	11.20	1310	<10	<0.05	<10	<50	6330	0.2	<50	<10	40	<50	<0.05	<50
G004616		<50	10.95	1620	<10	0.07	40	50	1640	0.2	<50	<10	40	<50	<0.05	<50
G004617		<50	11.90	1570	<10	<0.05	<10	<50	3240	0.5	<50	<10	40	<50	<0.05	<50
G004618		<50	12.05	960	<10	<0.05	<10	<50	310	0.3	<50	<10	40	<50	<0.05	<50

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Project: ZAP

Finalized Date: 27-JUL-2008
Account: ROCKHA

CERTIFICATE OF ANALYSIS VA08091328

Sample Description	Method	ME-ICP61a	ME-ICP61a	ME-ICP61a	ME-ICP61a
	Analyte	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm
	LOR	50	10	50	20
G004614		<50	<10	<50	2930
G004615		<50	<10	<50	9250
G004616		<50	10	<50	5690
G004617		<50	<10	<50	2110
G004618		<50	<10	<50	540

APPENDIX IV

GEOLOGICAL AND GEOTECHNICAL DRILL LOGS

PROJECT ZAP

PROPERTY: ZAP

HOLE: DDH-Zap08-09

Easting	Northing	Elev.	Depth (m)
547064	7127591		45.72

Contractor: Superior Diamond Drilling
Drill: Mandrill 1200

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

Drilling dates: June 25, 2008

Logged by: L Beranek

Target: Galena vein

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
45.72	320	-50					

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
4.57	20.65	16.08		Silty dolostone
20.65	26.16	5.51		quartz-carbonate breccia
26.16	28.3	2.14		Silty dolostone
28.3	31.6	3.3		quartz-carbonate breccia
31.6	45.72	14.12		Silty dolostone

SAMPLES

Numbers: G004614 - G004618

Total: 5
Date sent: July 1, 2008

COMMENTS

PROPERTY: ZAP (Rockhaven Resources.) **HOLE: Zap 08-09**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL						JOINTS				
																					REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Galena			From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
		0	3.04				FG-MG	Md GY	Overburden and broken pieces; silty dolostone with 1 mm-wide Ca veinlets ~20 degrees to core axis.									0.00	3.04	3.04	0.15	4.9%	0.00	0.0%	Broken interval; values estimated							
		3.04	4.57				FG-MG	Md GY	Continuing in broken zone; fragments <1 cm									3.04	4.57	1.53	0.25	16.3%	0.00	0.0%	Broken interval; values estimated							
		4.57	18.43		Silty Dol		FG-MG	Md GY		t								4.57	9.14	4.57	3.50	76.6%	1.45	31.7%								
BD	70-90								Broken interval from 4.57 to 7.50 m; from 7.50 to 10.98 m, 5-10 cm pieces of micaceous silty dolostone. Some sections show parallel to wavy laminae that cut across the core axis from 70-90 degrees. <1-5mm Ca stringers cut core axis from 15 to 55 degrees. Pyrite found along bedding and disseminated within Ca veinlets.								9.14	12.19	3.05	2.85	93.4%	1.40	45.9%								
VT	15-55																	12.19	15.24	3.05	2.10	68.9%	0.80	26.2%								
																		15.24	16.76	1.52	1.20	78.9%	0.36	23.7%								
																		16.76	19.81	3.05	2.12	69.5%	0.76	24.9%								
		18.43	20.65		Silty Dol		MG-CG	GY										19.81	22.86	3.05	2.15	70.5%	1.05	34.4%								
									Friable, Ca-veined, with rusty or limonite stain interval with silty dolostone above and qtz-CO3 breccia below. Appears to be a porous med- to coarse-grained silty dolostone. Even Ca veinlets are friable and may be affected by hydrothermal alteration.																							
VT	30																															
		20.65	26.16		Bx		FG-CG	Lt TN	Qtz-CO3 breccia, both indurated and friable,	t	t			22.25	23.25	1.00	G004614	22.86	25.90	3.04	2.62	86.2%	1.41	46.4%								
									commonly angular clasts of Md GY silty dolostone (4-15 mm). Fracture planes within broken core samples have rusty stain. At 23.81m, fracture/veinlet zone within breccia contains irregular shaped, 4-6 mm wide, 20 mm long, galena accumulation; possible galena in stringers at 23.84 m. Remnant, oxidized pyrite observed.					23.25	24.25	1.00	G004615																
														24.25	26.25	2.00	G004616	25.90	27.45	1.55	0.80	51.6%	0.26	16.8%								
		26.16	28.3		Silty Dol		CG	TN-BN	Return to interval like 18.43-20.65 m ; coarse to granule-sized lithic clasts; quartz, Ca. Possible evidence for milling along lower contact of breccia zone. Friable zone, not much coherent recovery; broken surfaces of weak hand samples have rusty to yellow-orange colour.									27.45	28.95	1.50	0.75	50.0%	0.22	14.7%								
		28.3	31.6		Bx			Lt TN	Return to breccia identical to that of 20.65 - 26.16 m.	t	t			29.12	30.62	1.50	G004617	28.95	32.00	3.05	1.93	63.3%	1.01	33.1%								
									In three locations over this interval, three <1 to 1mm galena crystals observed disseminated within CO3. Trace pyrite observed near galena; but <<1%.																							
		31.6	45.72		Silty Dol		FG-MG	Md GY	Return to silty dolostone unit with bottom section (39.50		t			39.28	40.28	1.00	G004618	32.00	35.05	3.05	1.82	59.7%	0.37	12.1%								

PROPERTY: ZAP (Rockhaven Resources.) **HOLE: Zap 08-09**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL						JOINTS				
																					REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	Pyrite	Galena			From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
									to 45.72 m) has slight solution breccia-type textures. Minor 1-2 mm galena crystals observed at 39.62 m. Irregular-shaped, limonite-bearing stringers and vuggy textures (very minor) located in bottom of section.									35.05	36.57	1.52	0.37	24.3%	0.00	0.0%								
VT	20																	36.57	39.62	3.05	2.39	78.4%	1.14	37.4%							
									EOH at 45.72 m; surface expression of -50 degree dip hole is 29.6 m									39.62	42.67	3.05	2.30	75.4%	1.35	44.3%							
																		42.67	45.74	3.07	2.41	78.5%	1.74	56.7%							

PROJECT Zap

PROPERTY: Zap

HOLE: DDH-Zap08-10

Easting	Northing	Elev.	Depth (m)
546560	7128232		167

Contractor: Superior Diamond Drilling
Drill: Mandrill 1200

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

Drilling dates: June 25-28, 2008

Logged by: L. Beranek

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
167	156	-50					

Target: Ag-Pb mineralization along fault contact

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0	20.82	20.82	OVBD	
20.82	45.25	24.43		Sandstone
45.25	54.86	9.61		Fractured clay rich zone, may be fault zone and halo
54.86	90.28	35.42		sandstone
90.28	167.64	77.36		carbonaceous shale

SAMPLES

Numbers: G004619 - G004638

Total: 20
Date sent: July 10, 2008

COMMENTS

PROPERTY: Zap (Rockhaven Resources.) **Hole: Zap 08-10**

Struct. Type	Struct. Attitude	LITHOLOGY From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	MINERALS Pyrite				SAMPLES From (m)	To (m)	Interval (m)	Sample	Blocks From (m)	To (m)	Intvl. (m)	GEOTECHNICAL REC (m)	REC Percent	RQD (m)	RQD Percent	Weathering	Hardness	JOINTS Frequency	Attitude	Shape	Roughness	Infilling
		0	6.09	6.09			FG-MG	TN-BN	Clay and overburden (<3cm fragments of SST containing FeO-filled vugs (1 mm-wide).									0.00	6.09	6.09	-		0.00	0.0%	Overburden							
		6.09	15.29		SHL		FG	Dk GY	1-3 cm-sized chips and core of graphitic shale.									6.09	7.62	1.53	-		0.00	0.0%	Overburden							
																		7.62	12.19	4.57	-		0.00	0.0%	Shale chips						
																		12.19	15.24	3.05	0.50	16.4%	0.25	8.2%	Shale chips						
		15.29	20.82		SST		FG-MG	Lt TN-GY	Heavily fractured and strained(?) zone of quartz-rich SST.									15.24	18.28	3.04	2.27	74.7%	0.97	31.9%							
Fx	50								Several cm-long sections are clay rich; fault zone or alteration of trace muscovite. Cubic remnants of pyrite.									18.28	21.33	3.05	0.38	12.5%	0.14	4.6%	95% broken, unassimilated core							
		20.82	45.25		SST		FG-MG	Lt GY	Fractured but relatively healthy quartz SST with subordinate muscovite. Trace disseminated pyrite (both fresh and oxidized, <1mm in size.	t								21.33	23.16	1.83	0.67	36.6%	0.10	5.5%							
Fx	80	23.46 m																23.16	26.21	3.05	1.48	48.5%	0.24	7.9%							
																		26.21	27.73	1.52	0.58	38.2%	0.11	7.2%							
																		27.73	28.65	0.92	0.10	10.9%	0.00	0.0%							
																		28.65	32.30	3.65	0.23	6.3%	0.00	0.0%							
Fx	40	32.15 m																32.20	33.22	1.02	0.28	27.5%	0.11	10.8%							
																		33.22	34.44	1.22	0.52	42.6%	0.22	18.0%							
																		34.44	35.66	1.22	0.87	71.3%	0.22	18.0%							
																		35.66	37.18	1.52	0.80	52.6%	0.26	17.1%							
Fx	50	37.00 m																37.18	37.79	0.61	0.40	65.6%	0.22	36.1%							
																		37.79	39.62	1.83	1.71	93.4%	0.95	51.9%							
																		39.62	42.36	2.74	1.80	65.7%	0.70	25.5%							
VT	45	42.00 m																42.36	44.50	2.14	1.95	91.1%	1.15	53.7%							
Fx	30	44.20 m																44.50	45.72	1.22	0.95	77.9%	0.43	35.2%							
		45.25	45.72					GY	Fractured, clay-rich zone. Possible fault zone.									45.72	46.63	0.91	0.37	40.7%	0.00	0.0%							
																		46.63	48.76	2.13	1.17	54.9%	0.15	7.0%							
		45.72	50.29		SST		FG-MG	Lt-Dk GY	Fractured and clay altered zone. SST has Lt GY fresh colour, with Md GY to rusty coloured alteration halo, probably with oxidized pyrite. Other portions of this interval have strained or partially brecciated textures; at times the core is quite friable.	t								48.76	50.29	1.53	0.90	58.8%	0.31	20.3%							
Fx	30	50.29 m																50.29	51.81	1.52	1.09	71.7%	0.68	44.7%							
																		51.81	54.86	3.05	1.54	50.5%	0.53	17.4%	Cuttings in box						
		50.29	54.86		SST		FG-MG	Lt GY	SST like before in interval 20.82-45.25 m																						
Fx	40	54.00 m																													
		54.86	68.27		SST		FG-MG	GY-Md GY	Fractured quartz SST as before but greater amount of small (<5 cm) fragments and clay-rich zones (all of core and veinlets). Fault zone? Oxidized trace pyrite (1 mm and below) disseminated.	t								54.86	56.08	1.22	0.64	52.5%	0.11	9.0%							
																		56.08	57.91	1.83	0.76	41.5%	0.12	6.6%	Broken; gouge?						
Fx	30	57.91 m							Qtz-CO3 veinlets <1mm along fracture fabric; some fracture planes have heavy jarosite or goethite stain.									57.91	59.43	1.52	0.30	19.7%	0.00	0.0%	Broken; gouge?						
																		59.43	60.35	0.92	-	#VALUE!	0.00	0.0%	All broken in 3 cm or less						
																		60.35	61.26	0.91	-	#VALUE!	0.00	0.0%							
																		61.26	63.39	2.13	1.10	51.6%	0.60	28.2%							
																		63.39	65.22	1.83	1.25	68.3%	0.48	26.2%							
																		65.22	66.75	1.53	0.85	55.6%	0.34	22.2%							
																		66.75	68.27	1.52	0.99	65.1%	0.42	27.6%							
		68.27	90.28		SST		FG-MG	Lt GY-GY	Dominantly SST as before, minor clay or gouge intervals.	t								68.27	68.88	0.61	0.59	96.7%	0.21	34.4%							
									Pyrite, as usual, is oxidized (or slightly), trace, pervasive.~82.00 m, small (3 cm) brecciated zone in SST with quartz/CO3 fracture fill; 1-2 mm pyrite accumulations in qtz/CO3.									68.88	71.62	2.74	2.00	73.0%	1.05	38.3%							
BD	40	(?) 72.00 m																71.62	73.15	1.53	1.20	78.4%	0.84	54.9%							
																		73.15	74.67	1.52	0.50	32.9%	0.17	11.2%							
																		74.67	75.87	1.20	0.67	55.8%	0.00	0.0%							
																		75.87	76.50	0.63	0.64	101.6%	0.53	84.1%							
																		76.50	79.24	2.74	1.90	69.3%	0.85	31.0%							

PROPERTY: Zap (Rockhaven Resources.) **Hole: Zap 08-10**

LITHOLOGY										MINERALS				SAMPLES				Blocks			GEOTECHNICAL						JOINTS					
Struct.																					REC		RQD									
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modfier	Notes:	Pyrite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling	
Fx	30	79.24 m																79.24	81.07	1.83	1.66	90.7%	1.12	61.2%								
																		81.07	83.82	2.75	1.19	43.3%	1.14	41.5%								
																		83.82	85.03	1.21	0.80	66.1%	0.33	27.3%								
																		85.03	86.86	1.83	1.40	76.5%	0.77	42.1%								
																		86.86	89.00	2.14	1.03	48.1%	0.58	27.1%								
		90.28	96.48		SST		FG-MG	Md-Dk GY	Interbedded SST and SHL; SHL contains disturbed bedding, probably syn-sedimentary. Disturbed layers are wavy and comprise GY-TN silt and black carbonaceous mud.					94.42	96.42	2.00	G004619	89.00	92.04	3.04	2.44	80.3%	1.46	48.0%								
																		92.04	92.69	0.65	0.20	30.8%	0.00	0.0%								
																		92.69	94.79	2.10	0.95	45.2%	0.19	9.0%								
BD	55	94.79																94.79	95.70	0.91	0.88	96.7%	0.70	76.9%								
																		95.70	97.84	2.14	1.52	71.0%	0.68	31.8%								
		96.48	167.64		SHL		FG	Dk GY	Main carbonaceous unit'. Very friable along prominent BD									97.84	100.58	2.74	1.85	67.5%	0.50	18.2%								
									plane. Thin to thickly laminated (silt, mud) in 1-2 mm couplets. Planar to wavy and disturbed bedding and laminae. Probably fault zone from 102.10 to 105.95 m ; fractured SST and SHL with chips and gouge. Very fine grained pyrite in SST unit (0.23 m-thick) in fault zone.					97.42	100.42	3.00	G004620	100.58	102.10	1.52	0.70	46.1%	0.00	0.0%								
																		102.10	103.63	1.53	1.35	88.2%	0.80	52.3%								
																		103.63	106.68	3.05	1.35	44.3%	1.10	36.1%								
BD	20	110.80 m							Located along fabric of laminae - accumulations of pyrite (but not all in bedding!) 2 x 10 mm in dimension, starting ~110.80 meters. Several microfaults with normal displacement (syn-sedimentary?).					105.79	108.22		G004621	106.68	109.72	3.04	1.73	56.9%	0.40	13.2%								
BD	30	117.00 m							From 117.00 - 129.50 m, pyrite stringers/accumulations are readily observed; very difficult to see unless core is wet. Although not planar, pyrite follows bedding (or fracture) plane for the most part. Within the most pervasive interval, there are ~ 15 - 1.2 mm stringers over 1.0 meters (119.10-120.10).					BLANK			G004622														
BD	25	131.00 m												109.72	112.72	3.00	G004623	109.72	115.82	6.10	4.47	73.3%	2.87	47.0%								
									Less than 1% mineralization from 131-136.0 m. Little to no					112.72	115.72	3.00	G004624															
									mineralization from 136-150.0 m.					115.72	118.72	3.00	G004625	115.82	117.34	1.52	1.43	94.1%	1.07	70.4%								
														118.87	121.87	3.00	G004626	117.34	118.87	1.53	1.26	82.4%	0.76	49.7%								
																		118.87	120.39	1.52	1.42	93.4%	1.16	76.3%								
																		120.39	121.92	1.53	0.75	49.0%	0.48	31.4%								
									From 146-160.0 meters, trace pyrite in qtz-CO3 stringers or as accumulations along bedding. None observed between 160 and EOH.	t				121.87	124.87	3.00	G004627	121.92	124.96	3.04	2.99	98.4%	2.09	68.8%								
														124.87	127.87	3.00	G004628	124.96	126.49	1.53	1.37	89.5%	0.90	58.8%								
									150-167.0 m: includes mainly Dk GY carbonaceous SHL with silty interbeds and Md-Dk GY SLT with carbonaceous interlaminations. Still planar to disturbed lamination profiles. Some 0.5-1.0m sections are clay-rich or quite soft; can be indented with finger quite easily. Lots of mixing between silt/mud compositions and couplets between the two 150 m.					127.87	130.87	3.00	G004629	126.49	128.01	1.52	1.37	90.1%	1.20	78.9%								
																		128.01	129.54	1.53	1.12	73.2%	0.98	64.1%								
														130.87	133.87	3.00	G004630	129.54	131.06	1.52	1.48	97.4%	1.33	87.5%								
									Possibly disseminated barite blebs (<1mm) with <1mm pyrite around 157.0m					133.87	136.87	3.00	G004631	131.06	134.11	3.05	2.80	91.8%	1.70	55.7%								
																		134.11	135.63	1.52	1.33	87.5%	1.25	82.2%								
														136.87	139.87	3.00	G004632	135.63	137.16	1.53	1.50	98.0%	1.11	72.5%								
																		137.16	139.59	2.43	0.75	30.9%	0.47	19.3%								
									EOH at 550 feet (167 m). -50 degree dip on hole; surface expression of hole would be 107.7 m along 156 degrees.					139.87	142.87	3.00	G004633	139.59	141.73	2.14	1.40	65.4%	0.55	25.7%								
																		141.73	142.95	1.22	0.64	52.5%	0.14	11.5%								
														142.87	145.87	3.00	G004634	142.95	145.99	3.04	1.94	63.8%	1.14	37.5%								
																		145.99	147.82	1.83	1.07	58.5%	0.00	0.0%								
														147.87	150.87	3.00	G004635	147.82	149.65	1.83	0.94	51.4%	0.42	23.0%								

PROPERTY: Zap (Rockhaven Resources.) **Hole: Zap 08-10**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL						JOINTS					
																					REC		RQD								
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modfier	Notes:	Pyrite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
														150.87	153.87	3.00	G004636	149.65	151.18	1.53	1.65	107.8%	1.45	94.8%							
																		151.18	153.00	1.82	0.70	38.5%	0.35	19.2%							
														154.15	157.15	3.00	G004637	153.00	155.49	2.49	1.37	55.0%	0.85	34.1%							
																		155.49	156.97	1.48	1.46	98.6%	0.34	23.0%							
																		156.97	159.71	2.74	1.93	70.4%	0.00	0.0%							
														159.47	162.47	3.00	G004638	159.71	160.93	1.22	0.95	77.9%	0.00	0.0%							
																		160.93	163.06	2.13	1.55	72.8%	0.37	17.4%							
																		163.06	166.11	3.05	1.01	33.1%	0.30	9.8%							
																		166.11	167.64	1.53	1.01	66.0%	0.20	13.1%							

PROJECT: Zap

PROPERTY: Zap

HOLE: DDH-Zap08-11

Easting	Northing	Elev.	Depth (m)
546743	7128102		146.3

Contractor: Superior Diamond Drilling
Drill: Mandrill 1200

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

Drilling dates: June 29 - July 1, 2008

Logged by: L Beranek

Target: _____

SURVEY

Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar							
146.3	308	-50					

SUMMARY

From (m)	To (m)	Interval	Unit	Coments
0	25.9	25.9	OVBD	
25.9	146.3	120.4		Interbedded carbonaceous shale and green siltstone

SAMPLES

Numbers: G004639-G004667

Total: 29
Date sent: July 10, 2008

COMMENTS

PROPERTY: Zap **Hole: Zap-08-11**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL					
																					REC		RQD			
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness
		0	20.42	20.42				GY-WHT	Overburden; sandstone and barite pebbles.									0.00	6.09	6.09	0.28	4.6%	0.00	0.0%		
																		6.09	9.44	3.35	0.17	5.1%	0.00	0.0%		
		20.42	25.9	5.48				GY-Dk GY	Cuttings of Dk GY clay-rich intervals that were once									9.44	14.32	4.88	0.15	3.1%	0.00	0.0%		
BD	75								carbonaceous shale. 5-10 cm sections of indurated									14.32	18.28	3.96	0.12	3.0%	0.00	0.0%		
									siltstone with 2-6 mm thick mud laminae.									18.28	20.42	2.14	0.14	6.5%	0.00	0.0%		
																		20.42	21.64	1.22	0.51	41.8%	0.11	9.0%		
		25.9	146.3	120.4			FG	BK - GY	Carbonaceous shale with subordinate siltstone unit.	t								21.64	22.86	1.22	0.19	15.6%	0.00	0.0%		
																		22.86	24.38	1.52	0.74	48.7%	0.00	0.0%		
BD	45	36.57 m							25.90-58.60 m : Indurated to clay-altered carbonaceous									24.38	25.90	1.52	0.36	23.7%	0.00	0.0%		
BD	55	42.87 m							shale with 1-3 m-thick silt laminae, both planar and									25.90	27.43	1.53	1.06	69.3%	0.00	0.0%		
																		27.43	28.95	1.52	0.15	9.9%	0.00	0.0%		
														29.00	32.00	3.00	G004639	28.95	32.00	3.05	2.75	90.2%	0.61	20.0%		
																		32.00	33.52	1.52	0.98	64.5%	0.51	33.6%		
														34.40	37.40	3.00	G004640	33.52	35.05	1.53	1.09	71.2%	0.15	9.8%		
																		35.05	36.57	1.52	0.64	42.1%	0.35	23.0%		
																		36.57	38.10	1.53	0.76	49.7%	0.00	0.0%		
																		38.10	39.62	1.52	0.46	30.3%	0.00	0.0%		
																		39.62	41.14	1.52	1.23	80.9%	0.00	0.0%		
														40.00	43.00	3.00	G004641	41.14	42.67	1.53	0.88	57.5%	0.25	16.3%		
														43.00	46.00	3.00	G004642	42.67	44.19	1.52	0.82	53.9%	0.24	15.8%		
																		44.19	45.72	1.53	0.80	52.3%	0.54	35.3%		
														46.00	49.00	3.00	G004643	45.72	47.24	1.52	1.20	78.9%	0.96	63.2%		
																		47.24	48.76	1.52	1.01	66.4%	0.44	28.9%		
BD	58	50.05 m							lenticular in shape. Some laminae host irregular to					49.00	51.00	2.00	G004644	48.76	50.29	1.53	1.21	79.1%	0.54	35.3%		
									amoeba-like accumulations of pyrite, ranging from									50.29	51.81	1.52	1.36	89.5%	0.10	6.6%		
									1-4 mm. Mineralization is best observed with wet core									51.81	53.34	1.53	0.00	0.0%	0.00	0.0%		
									surface; good examples of this type of mineralization									53.34	54.86	1.52	1.17	77.0%	0.00	0.0%		
									are at 31.15, 35.37, 35.53, 37.05, 41.30, 41.55, 43.90,									54.86	56.38	1.52	0.71	46.7%	0.10	6.6%		
									43.96, 44.05, 44.25, 46.10, 46.35, 50.0 and a zone					55.60	58.60	2.00	G004645	56.38	57.91	1.53	1.29	84.3%	0.61	39.9%		
									around 51.00 m.					58.60	61.60	2.00	G004646	57.91	61.56	3.65	2.46	67.4%	0.42	11.5%		
BD	65	61.00 m							58.60-68.20 m: Starting at 58.60 m, interval of grey-					61.60	64.60	3.00	G004647	61.56	62.48	0.92	0.47	51.1%	0.24	26.1%		
Fx	60	61.00 m							green siltstone or very fine grained sandstone with									62.48	64.92	2.44	2.01	82.4%	0.94	38.5%		
BD	40	65.53 m							discontinuous black wisps (<1mm) and light green to					64.60	67.60	3.00	G004648	64.92	65.53	0.61	0.47	77.0%	0.23	37.7%		
									grey, calcareous in part, SST and SHL interbeds									65.53	67.97	2.44	1.83	75.0%	0.20	8.2%		
									(planar to disturbed). Fine to medium grained pyrite									67.97	68.88	0.91	0.42	46.2%	0.10	11.0%		
									in Qtz-C03 veins alnd along fracture plane, which may									68.88	69.79	0.91	0.55	60.4%	0.15	16.5%		
									also be bedding.																	
									68.20-74.70 m : Return to carbonaceous shale and					69.60	72.60	3.00	G004649	69.79	70.40	0.61	0.38	62.3%	0.12	19.7%		
									siltstone couplets. Black carbonaceous material with									70.40	71.93	1.53	1.23	80.4%	0.16	10.5%		
									1-3 mm light grey silt with interlaminar (but not along									71.93	72.84	0.91	0.74	81.3%	0.00	0.0%		
									entire planar surface) pyrite mineralization.									72.84	74.67	1.83	0.80	43.7%	0.00	0.0%		
									Accumulations of pyrite usually 6 x 10 mm.																	
									At 74.70 m : green-grey siltstone returns. Some 0.50 m					74.60	77.60	3.00	G004650	74.67	76.80	2.13	1.25	58.7%	0.31	14.6%		
BD	25	76.80 m							sections are friable; fine to coarse-grained white									76.80	77.72	0.92	0.71	77.2%	0.34	37.0%		
									weathering minerals, lime green to light yellow fresh									77.72	80.46	2.74	1.59	58.0%	0.42	15.3%		
									surface, make distinctive to unit. Unclear what this					80.30	82.30	2.00	G004651	80.46	81.68	1.22	1.12	91.8%	0.68	55.7%		
									mineral is; fresh surface colour and hardness do not																	
									suggest barite.																	
									Disseminated pyrite observed along BD; fine to med																	

PROPERTY: Zap **Hole: Zap-08-11**

Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL					
																					REC		RQD			
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness
									sized grains at 83.35 m, in 2-3 mm wide zone.																	
									Interbedded carbonaceous shale and siltstone zones																
BD	30	83.35 m							with grey speckled unit, ~50 cm wide (e.g. 84.73-					82.30	85.30	3.00	G004652	81.68	84.73	3.05	2.69	88.2%	1.18	38.7%		
									85.23 m).									84.73	85.95	1.22	0.73	59.8%	0.19	15.6%		
																		85.95	87.47	1.52	0.95	62.5%	0.15	9.9%		
									Sediment mixture and soft-sediment (syn-sedimentary)									87.47	90.52	3.05	1.87	61.3%	1.24	40.7%		
									deformation feature from 88.53-89.10 m with					89.00	92.00	3.00	G004653	90.52	93.57	3.05	1.63	53.4%	0.99	32.5%		
									carbonaceous 'veinlets' w/ up to pebble-sized angular																	
									grey-green clasts "intruding" green-grey rock. No																	
									obvious mineralization, a few pyrite cubes.																	
VT	30								Green-yellow to white weathering speckles on green-																	
									grey siltstone. Fresh surface shows fine to medium																	
									sized grains harder than knife blade. Occasionally																	
									these are banded (4-5 mm), e.g. 91.80 m. Spatially																	
									associated w/ Qtz-CO3 veinlet, 2 mm thick, at 30																	
									degrees to core axis, but band is 90 degrees to core																	
									axis.																	
									From 92.01-99.06 m : core is largely friable fragments									93.57	96.62	3.05	0.70	23.0%	0.24	7.9%		
									<5 cm long of grey-green and black lithologies. Fault									96.62	99.06	2.44	1.12	45.9%	0.37	15.2%		
									or fold zone?																	
									99.06 m : Start of another carbonaceous shale-hosted					99.10	102.10	3.00	G004654	99.06	100.58	1.52	1.22	80.3%	0.55	36.2%		
									mineralization zone. Obvious disturbed muddy and									100.58	102.10	1.52	1.36	89.5%	1.03	67.8%		
									silty laminae; silty laminae host pyrite but mineralization					103.10	106.10	3.00	G004655	102.10	105.15	3.05	2.33	76.4%	1.09	35.7%		
									is irregular along laminar plane, sinuous at times.																	
BD	55	106.00 m							Dewatering structures such as slumps, loads, etc.					106.10	109.10	3.00	G004656	105.15	106.68	1.53	1.15	75.2%	0.30	19.6%		
BD	55	107.00 m							Multiple micro-faults (normal displacement) observed									106.68	108.20	1.52	1.20	78.9%	0.51	33.6%		
									in mud and silty laminae.									108.20	111.25	3.05	2.72	89.2%	1.67	54.8%		
									**Some micro-faults offset laminae hosting pyrite					111.10	114.10	3.00	G004657	111.25	112.77	1.52	0.66	43.4%	0.12	7.9%		
									mineralization suggesting that mineralization phase					BLANK			G004658	112.77	114.30	1.53	1.52	99.3%	0.67	43.8%		
									was syn-sedimentary; e.g., at 103.90 m, horst-graben																	
									structure part of 0.50 m disturbed zone with 1-2%																	
									pyrite that has been cut by mico-structure.																	
									113.60-115.00 m : core is generally half grey-green					114.10	117.10	3.00	G004659	114.30	115.82	1.52	1.19	78.3%	0.28	18.4%		
									speckled rock and half friable carbonaceous shale.									115.82	117.34	1.52	1.38	90.8%	0.33	21.7%		
									Core axis separates these two lithologies with 1-3 mm																	
									CO3 veinlet. Some milled breccia texture are faint in																	
									laminated shale below that interval.																	
									From 116.65-120.00 m : back in laminated, black					117.10	120.10	3.00	G004660	117.34	118.87	1.53	1.40	91.5%	1.04	68.0%		
									indurated shale w/ disturbed and folded laminae, some									118.87	121.72	2.85	1.58	55.4%	0.46	16.1%		
									containing trace pyrite.					122.10	125.10	3.00	G004661	121.72	124.61	2.89	0.35	12.1%	0.00	0.0%		
									Rock chips mainly from 120-125 m, in shale and																	
									siltstone; fold zone?																	
BD	30	125.2							125.26-135.77 m : Interbedded, carbonaceous shale									124.61	127.40	2.79	1.41	50.5%	0.11	3.9%		
									with trace pyrite and green-grey siltstone with white-					126.10	129.10	3.00	G004662	127.40	130.14	2.74	2.27	82.8%	0.64	23.4%		

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Struct.		LITHOLOGY								MINERALS				SAMPLES				Blocks			GEOTECHNICAL					
																					REC		RQD			
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:	pyrite				From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	(m)	Percent	(m)	Percent	Weathering	Hardness
									green crystals--don't look like garnet, honey sphalerite,					129.10	132.10	3.00	G004663	130.14	132.58	2.44	1.00	41.0%	0.20	8.2%		
									barite…unclear. In this interval, pyrite abundance is not					132.10	135.10	3.00	G004664	132.58	134.11	1.53	0.95	62.1%	0.28	18.3%		
									overwhelming but present as very fine grains along									134.11	135.63	1.52	0.73	48.0%	0.15	9.9%		
									laminae mixed with grey silty material. Most core is					135.10	138.10	3.00	G004665	135.63	136.85	1.22	0.80	65.6%	0.45	36.9%		
									fractured along a plane 0 degrees to core axis, probably									136.85	137.16	0.31	0.00	0.0%	0.00	0.0%		
									a fold is allowing us to drill down dip.																	
									138.70-141.12 m : carbonaceous and graphitic shale					138.10	141.10	3.00	G004666	137.16	138.98	1.82	0.52	28.6%	0.00	0.0%		
									with trace pyrite along interlaminar zones, as before.																	
									141.12-146.30 m : more carbonaceous shale chips in					143.10	146.10	3.00	G004667	138.98	141.12	2.14	1.80	84.1%	0.65	30.4%		
									what looks to be a fold zone.									141.12	EOH							
									Hole ends with 1.3 meters of grey-green indurated,																	
									speckled siltstone.																	
									EOH at 480 feet, 146.30 m																	