ASSESSMENT REPORT

GEOCHEMISTRY

on the claims:

HEN 1-60 (YC21990 - YC22049)
HEN 61-98 (YC22253 - YC22290)
HEN 103-132 (YC22291 - YC22320)
HEN 139-148 (YC22321 - YC22330)
HEN 155-302 (YC22331 - YC22478)

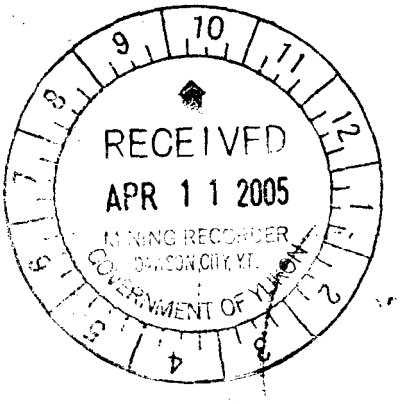
DAWSON MINING DISTRICT
N.T.S.: 115 O/6

Centred on: Latitude: 63° 22' N, Longitude : 139° 22' W, (582 000m E, 7 027 000m N)
(NAD 27 ZONE 7)

Owned by:

COPPER RIDGE EXPLORATIONS INC.

COPPER RIDGE EXPLORATIONS INC.
Suite 500-625 Howe Street
Vancouver, British Columbia
Canada, V6C 2T6
Tel: 604-688-0833



Prepared by:
Rick J. Zuran, B.Sc.

AURUM GEOLOGICAL CONSULTANTS INC.
106A Granite Road
Whitehorse, Yukon Territory
Canada, Y1A 2V9
Tel: 867-667-4168

094560

February 22, 2005
Field Work Completed on June 15th - 25th, 2004

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 29,300.

W.M.B.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

Costs associated with this report have been approved in the amount of $ 29,200 for assessment credit under Certificate of Work No. 2D00606

K. Lerry

Mining Recorder
Dawson City Mining District

1. SUMMARY AND RECOMMENDATIONS

During the period June 15th-25th, 2004 work at an expenditure of **$30,509.90** was conducted on the HEN (1-98, 103-132, 139-148 & 155-302) claim block, located 76 km due south of Dawson City, Yukon. This work included: primarily reconnaissance and grid style geochemistry (soil sampling) with spot check prospecting and rock sampling. The work was part of a larger exploration program involving Copper Ridge Explorations Inc., Aurum Geological Consultants Inc., and Ryanwood Expl. Inc. based out of the Henderson Mining Camp.

Good copper values ranging 182.5-820 ppm Cu over 400m were returned from a string of soil samples (HED C400 to HED C800) parallel to regional structural fabric in the east central part of the claim block - just north of Henderson Creek (Area 1). Numerous non-coincident isolate scattered zinc, gold and molybdenum anomalous soil results returned high values of : 597 pm Zn, 163 ppb Au, and 12.5 ppm Mo, respectively. Other interesting anomalous soil samples include: two consecutive mercury results of 840 and 1224 ppb Hg (Area 5); and a string of anomalous iron samples ranging 5.62-11.8% Fe over 850m parallel to the regional structural fabric (Area 6). Gold is not coincident with copper.

No significant rock assay results were returned from the three areas prospected on the HEN claim block

The HEN claim block shows potential with respect to copper soil geochemistry; it is a large area poorly understood geologically with incomplete geochemical coverage.

Recommendations on the HEN claim block are as follows:

1) Detailed Geochemistry: tighten up and infill soil and grid geochemical sampling in Area 1. Emphasis put on sampling *across the structural fabric* to determine potential width of copper anomaly.

2) Geochemistry: lower priority follow up grid soil sampling on Areas 2-6 with emphasis on soiling across structural fabric.

3) Reconnaissance Geochemistry: soil traverses between areas not covered by previous exploration.

4) Airphoto-Magnetics Interpretation: pick out local structures and magnetic units.

5) Geological Mapping: 1:5000 scale geological mapping over entire claim block; detailed mapping in Area 1; prospect Areas 1-6.

6) Geological-Geochemistry Study: site specific soil sampling with respect to geology to better understand background anomalies for the various rock types.

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7. INTRODUCTION

During the period June 15-25th, 2004, geochemical soil and rock sampling were conducted on the HEN claim block. The intention was to sample and investigate any potential for southern geochemical extensions with respect to the Lucky Joe property 15 kilometres to the north.

This report describes the work contracted to Aurum Geological Consultant Inc. and Ryanwood Exploration Inc. for Copper Ridge Explorations Inc. during June 17-23rd, 2004. The author refers the reader to previous reports listed in the reference section for additional information.

7.1 Claim Status

The property consists of 286 contiguous quartz claims covering 5,977.4 hectares, staked in accordance with the Quartz Mining Act, and are shown on Quartz Claim Sheet 115 O/6 within the Dawson Mining District. All the claims are 100% owned by Copper Ridge Exploration Inc. of Vancouver, British Columbia. Claims to be renewed are summarized in Table 1 below.

TABLE 1: HEN Claim Status

Claim Name & No.	Grant Number	Date Recorded	Expiry Date*
HEN 1-60	YC21990 - YC22049	October 18, 2002	March 31, 2006
HEN 61-98	YC22253 - YC22290	November 26, 2002	March 31, 2006
HEN 103-132	YC22291 - YC22320	November 26, 2002	March 31, 2006
HEN 139-148	YC22321 - YC22330	November 26, 2002	March 31, 2006
HEN 155-302	YC22331 - YC22478	November 26, 2002	March 31, 2006

* subject to approval of 2004 assessment work and submission of this report.

The above claims listed in Table 1 are referred to as the HEN claim block in this report.

7.2 Location and Access

The HEN claim block is centred on latitude 63° 22', longitude 139° 22' W (582 000mE, 7 027 000 mN - NAD 27, zone 7). The HEN claim block is approximately 76 km due south of Dawson City. The HEN claim block plots on the NTS 115 O/6 1:50,000 scale topographic map sheet. Refer to Figure 1.

Access to the Henderson Mining Camp is via the Hunker Creek turn off 1.3 km east of Dawson City off the Klondike Highway; the well maintained 2-wheel drive gravel road heads south-southeast past the historic sites of Sulphur, Granville, and Dominion after which the road narrows and heads west then south-south-east around Eureka Dome. Shortly after the historic site of Black Hills, take the turn off heading due west along Dome and North Henderson creeks just passing to the immediate south of Henderson Dome arriving at the placer Henderson Mining Camp facility (592 200mN, 7 034 900 mN, Nad 27, zone 7). From the Henderson Mining Camp, the central portion of the Hen

584,000E

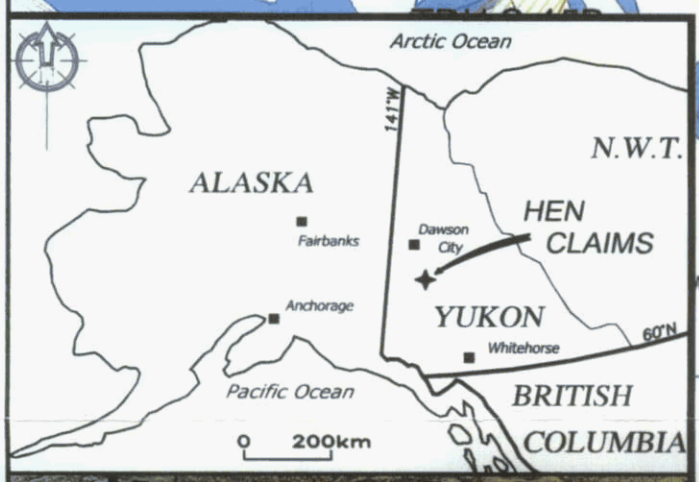
T.N.

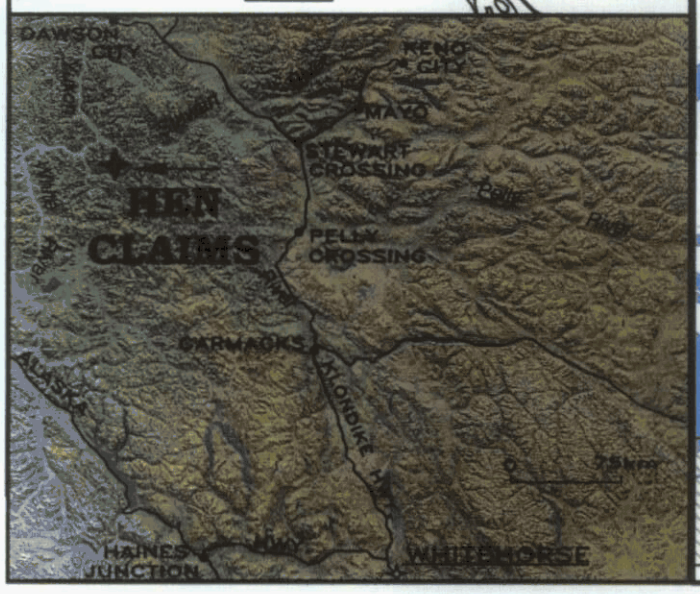
HEN CLAIMS

7,028,000N

Henderson

STEWART





0 500 1000 1500 2000m
METRES

COPPER RIDGE EXPLORATIONS INC.

HEN CLAIM BLOCK LOCATION MAP

DAWSON MINING DISTRICT, YUKON TERRITORY, CANADA

Aurum Geological Consultants Inc.

NTS: 1150–6, NAD83 (7V)		SCALE: 1:30,000
JAN, 2005	DRAWN: JC	FIGURE: 1

claim block can be reached via 4-wheel drive cat trail that follows the Henderson Creek drainage to the Yukon River - the distance from the camp to the beginning of claims is approximately 11 km due south-west; however, only limited access along Henderson Creek is accomplished via the trail and helicopter access from the Henderson Mining Camp to the claim block is recommended. Pre-cut helicopter pads were utilized for landing spots. The road from the Klondike Highway to the Henderson Mining Camp facility is winding and depending on conditions can take three hours to drive.

7.3 Topography, Vegetation and Climate

The relief on the HEN claim block is 590 metres (1935'), ranging from 358 metres, in the Henderson Creek valley, to 947 metres in the south part of the claim block - elevation above sea level. Topography comprises un-glaciated terrain with typically moderate slopes with more gentle grades towards the tops of mountains. Local steep terrain is observed along creek cuts. The broader, gentle and locally flat Henderson Creek valley oriented southwest bisects the HEN claim block.

Rock outcrops are rare (~5% of property), often small (avg. < 5 m) and largely restricted to ridges, local cliffs and creek bottoms. Colluvium veneer is the most common cover on the property, averages 1-2 m thick while colluvium blanket material averages >3 m thick. Colluvium conforms to bedrock topography and is composed of diamicton, rubble, and organic-rich silt and sand derived from bedrock sources by a variety

Vegetation in the valley bottoms consists of alder balsam fir, white and black spruce. Local poplar groves are noted on some slopes with 'buckbrush' (alder), dwarf willow, alpine plants and moss in higher areas of thin tree cover. Vegetation is generally more abundant on east and south facing slopes. The claim block is below tree-line (~1200m).

Climate is considered northern interior continental with moderate to low precipitation of some 250 to 300 mm annually. Temperature ranges from commonly 10-25°C in the summers down to -15 to -50°C in the winters. Permafrost is discontinuous and often found on north and steeper east facing slopes. Due to extensive forest fires in the south around Dawson City and to the west in Alaska; thick smoke reducing visibility to 100 metres was common during the 2004 field season.

8. HISTORY

There is no record of previous work done on the claimed area. Previous work done in the vicinity of the HEN claim block include:

~1901-1904 The 'Burian' mineral occurrence (115O-009) - probably staked on quartz veins. Claims were staked frequently near the mining recording office at Stewart River, including Great Northern cl (4627) in Jan/1901, 4.8 km up the Stewart River; Victoria cl (4636) in Jan/1901; Alice cl (4805) in Mar/1902, on the southeast side of Henderson Creek; Dauphin by J. Donkin, 2.4 km below Henderson Creek (trenched in 1902); and, Reliance cl (4852) in Mar/1904 near the Great Northern. The mineral occurrence is located near the southwestern edge of the HEN claim block. Taken from Gordey and Makepeace, 1999 (CD).

1917 The 'Tenderfoot' mineral occurrence (115O-008) - probably staked on quartz veins. The mineral occurrence is located approximately 3 kilometres southeast of the south tip of the Hen claim block on the north side of the Stewart River.

1935 H.S. Bostock starting regional 1;250,000 scale geological mapping in 1935 (Bostock, 1942).

1970's Regional exploration related to the discovery of the Burmeister/Lucky Joe mineral occurrence (115O-051) ~15km to the north for copper-molybdenum mineralization likely occurred in the area of the HEN claims.

2001 Shawn Ryan (Yukon prospector) targeted the area utilizing recent low level airborne aeromagnetic survey, conducted jointly by the Geological Survey of Canada and the Yukon Geology Program. He staked 285 claims, making up the HEN claim block.

Copper Ridge Explorations Inc. optioned the HEN property from Shawn Ryan. In January 2003 Kennecott Canada Exploration Inc. optioned the HEN property as part of a larger land package, the Lucky Joe Project, from Copper Ridge Explorations Inc.

2002 Geological mapping at 1:100,000 scale as part of a Geological Survey of Canada NATMAP project (Ryan et al, 2002). This is an ongoing project and a final GSC regional geology map is expected to be published in 2004/2005.

2003 Kennecott Canada Exploration Inc. conducted a reconnaissance style multi-element geochemistry soil sampling survey on and adjacent the HEN claims - 186 soil samples were taken.

9. REGIONAL GEOLOGY

The following summary is taken from OF 4641; the author suggests reading Ryan and Gordey (2001a, 2002a,b) and Ryan et al. (2003) for further details.

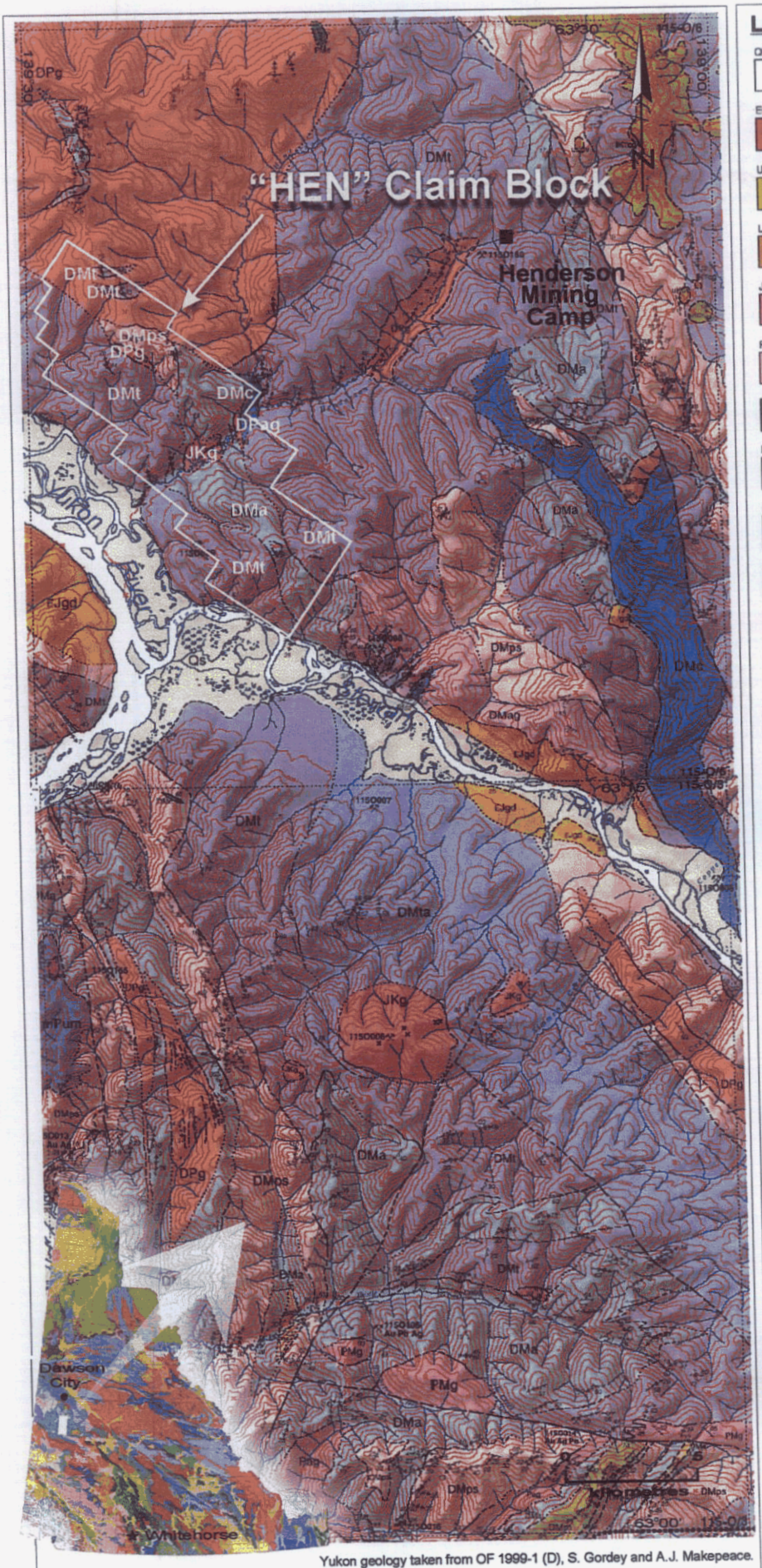
The regional geology setting in the Stewart River area (NTS 115 N, O) includes: twice transposed accreted metamorphic rocks of the Yukon Tanana terrane and less abundant contact-related ultramafic rocks of the Slide Mt. terrane (uPum, uPums) - both Paleozoic in age. These rocks are intruded by volumetrically less abundant younger plutonic rocks (Jurassic, Cretaceous, and Eocene; EJgd, JKg, Er); overlain by Upper Cretaceous volcanic rocks (uKCv); and local young cover of Lower Cretaceous conglomerate (lKTcg) and Quaternary fluvial silt, sand and gravel deposits (Qs) in the larger river systems.

Knowledge of the now called 'Yukon Tanana Terrane' has been revised since the 1970's. The base of this terrane are widespread Paleozoic metasiliclastic rocks dominated by psammite and quartzite, with lesser pelites and rare conglomerate (DMq, DMcg, DMps). Later extensive meta-plutonic and meta-volcanic rocks represent two periods of activity: 1) an older arc, built upon the siliclastic foundation mentioned above - comprising predominantly Devono-Mississippian amphibolite (DMa) associated with coeval widespread tonalitic orthogneiss (DMt) that formed it's subvolcanic intrusive complex; and 2) a Permian arc built upon the previous, is represented by granitic orthogneiss (Pag) and coeval metavolcanics (PKs and possibly Pv). On going geochronologic data compilation of the region has sorted out former widespread meta-siliclastic and meta-plutonic rocks of Yukon Tanana terrane to be mid-Paleozoic in age (DMq, DMcg, DMps) - formerly dated as late Proterozoic (e.g. Templeman-Kluit, 1974). Stratigraphically above and interfingering with these rocks are intermediate to mafic composition, intensely tectonized heterogeneneous layering and local vestiges of primary textures in amphibolite denoting parental volcanic rocks associated with local marble horizons (DMc).

Also part of the Yukon Tanana in the west near the Alaskan border, are the Permian low to medium grade muscovite-quartz and chlorite-quartz schist (PKs) - not shown in Figure 2. These rocks were correlated by Templemen-Kluit (1974) with the Klondike Schist (McConnell, 1905).

Regional structural fabric (foliation) primarily trends southeast to south-southeast. Rocks of the Yukon Tanana terrane are complex and poly-deformed with 3 phases described by J.J. Ryan et al (2004).

Refer to OF 4641, J.J. Ryan et al (2004) and Figure 2 for more details.



Yukon geology taken from OF 1999-1 (D), S. Gordey and A.J. Makepeace.
Regional geology taken from OF 4641, Ryan et al.

LEGEND

6

QUATERNARY

- Qs — *Fluvial silt, sand and gravel deposits*

EOCENE

- Er — *PORPHYRY: Smokey quartz and K-feldspar phyric rhyolite to rhyodacite stocks and dykes, and possible rare flows*

UPPER CRETACEOUS

- uKcv — *CARMACKS GROUP: rhyodacite and dacite, commonly biotite and hornblende phyric, dominated by lesser andesite and basalt; minor rhyolite*

LOWER CRETACEOUS

- lKTcg — *TANTALUS(?) FORMATION: clast-supported pebble to cobble conglomerate with clasts of vein quartz and foliated quartzite*

JURASSIC? OR CRETACEOUS

- JKg — *GRANITE: pink to grey, locally porphyritic, syenogranite to monzogranite plutons and dykes*

PALEOZOIC AND/OR MESOZOIC

- PMg — *FOLIATED GRANITE: deformed (foliated to gneissic), felsic to intermediate monzogranite, granodiorite and quartz monzonite*
- PMc — *GABBRO: foliated to unfoliated metagabbro (locally garnet-bearing); diabase, metabasite*

MID(?)- TO LATE PALEOZOIC

- mPum, mPums — *ULTRAMAFIC-GABBRO: foliated to unfoliated amphibolite facies metagabbro, metapyroxenite, serpentinite and talc-silderite schist; mPums, dominantly serpentinite*

PERMIAN

- Pv — *FOLIATED VOLCANIC: chlorite-altered weakly foliated intermediate to mafic aphanitic volcanic flows and tuffs, locally with classic textures preserved*
- Pks — *KLONDIKE SCHIST: muscovite-chlorite-quartz-feldspar schist, chlorite schist, chlorite phyllonite; local cleaved lapilli tuff with preserved primary texture, probably derived from Pv*
- Pag — *AUGEN GNEISS (YOUNGER): K-feldspar augen granite; exhibits various states of strain including porphyroclastic straight gneiss*
- Pfs — *FELSIC SCHIST: quartz-sericite schist or metafelsite, possibly derived from felsic volcanic or hypabyssal intrusive rocks, e.g. rhyolite or quartz-feldspar porphyry*

DEVONIAN AND/OR PERMIAN

- DPag — *AUGEN GNEISS (UNDIVIDED): K-feldspar augen granite orthogneiss undivided; may include bodies of Devono-Mississippian and Permian age (i.e. DMag or Pag)*
- DPg — *FELSIC GNEISS (UNDIVIDED): pink to orange K-feldspar rich felsic orthogneiss; banded to layered; veined and/or segregated; commonly includes, or associated with, K-feldspar augen orthogneiss; may include bodies of Devono-Carboniferous and Permian age*

DEVONIAN TO MISSISSIPPIAN

- DMnq, DMnl — *NASINA ASSEMBLAGE: DMnq, fine-grained, dark-grey to black carbonaceous quartzite and metapelite; DMnl, marble*
- DMag, DMg — *AUGEN GNEISS (OLDER): mainly K-feldspar augen orthogneiss; DMg includes granite to granodiorite orthogneiss, opposite mouth of Reindeer Creek.*
- DMta — *Undivided GREY GNEISS / AMPHIBOLITE (DMt / DMa)*
- DMt — *GREY GNEISS: intermediate to mafic orthogneiss; generally grey; banded to layered; commonly veined; derived from intermediate granitoid (tonalite to diorite) sheets; usually interlayered with amphibolite schist and gneiss*
- DMa — *AMPHIBOLITE: amphibolite schist and gneiss; metabasite; probably derived from mafic to intermediate volcanic or volcaniclastic rocks; locally associated with psammite or interlayered with orthogneiss*
- DMm — *MAFIC SCHIST: biotite-hornblende+/-plagioclase+/-quartz metabasite?; generally associated with amphibolite; main locality on Thistle Mountain*
- DMc — *MARBLE: marble (metacarbonate) derived from pure to impure limestone; associated calc-silicate schist derived from calcareous metapelite*
- DMps — *QUARTZ-MICA SCHIST: undivided metasedimentary rocks dominated by metapsammite, semipelite and metapelite; commonly quartz-garnet-biotite-muscovite schist possibly derived from siliceous siltstone; commonly finely interlayered with garnet metapelite; commonly contains members of micaceous quartzite; rare conglomerate; grades locally to paragneiss*
- DMcg — *METACONGLOMERATE: pebble- to cobble-sized rounded clasts; mainly massive white vein quartz, but including some granitoid clasts (tonalite?); has an arkosic matrix; grades into quartzite; matrix supported*
- DMq — *QUARTZITE: banded to massive, grey to white quartzite; apparently clastic in origin, or in part, possibly derived from metachert*

NOTE: Relative ages of many units are unknown; superimposed hillshade may darken colours on map from those shown on legend above

COPPER RIDGE EXPLORATIONS INC.

REGIONAL GEOLOGY

R. Zuran

Figure: 2

10. WORK COMPLETED FOR THIS REPORT

10.1 Exploration Program

The 2004 exploration program of the HEN claims focused on grid and reconnaissance soil sampling and spot prospecting follow up on previous Kennecott soil samples across potential anomalous copper-gold stratigraphy perhaps similar or related to the Lucky Joe occurrence 15 km to the north. Work performed on the claims was done at an expenditure of **$30,509.90.** The crew included:

Rick Zuran	Project Geologist	AGCI
Reza Tafti	Geologist	AGCI
Doug Hladun	Pilot	TNTA
Louise Levesque	Cook	AGCI
Grant Carlson	Soil Technician	AGCI
Scott Fleming	Soil Technician	RWE
Jeremy Taylor	Soil Technician	RWE
Isaac Face	Soil Technician	RWE
Mike Linley	Soil Technician	RWE
Tyson Foxcroft	Soil Technician	RWE
Ben Rudis	Soil Tech/Camp Assistant	RWE

Copper Ridge Explorations Inc.(KRX)
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867-667-4168

Ryanwood Expl. Inc. (RWE)
P.O. Box 213
Dawson City, YT., YOB 1GO
867-993-5219

Trans North Helicopters (TNTA)
115 Range Road
Whitehorse, YT., Y1A 5X9
867-668-2177

PLATE 1: 2004 Henderson Mining Base Camp

The field schedule included:

June 15: Crew, gear and mobe into Henderson Mining Camp facility by truck from Dawson City - 3 hour drive.

June 17: Two geologists prospecting (RZ & RT); two soil technicians - reconnaissance soil sampling (GC & SF). Northern part of HEN claim block.

June 21: Two geologists prospecting (RZ & RT) in central part of HEN claim block; 4 soil technicians sampling on grids (IF, TF, JT, & ML).

June 22: Four soil technicians sampling on grids (IF, TF, JT, & ML).

June 23: One geologist (RT) prospecting in the south; Four soil technicians sampling on grids (IF, TF, JT, & ML).

June 24: Four soil technicians sampling on grids (IF, TF, JT, & ML).

June 25: Demobe to Dawson City by road.

The Henderson Mining Camp facility is privately owned by a placer family and located near the headwaters of Henderson Creek (592 200mE, 7 034 900mN - Nad 83, Zone 7). The camp was rented during the work period and comprised: sleeping bunks for 15 persons; a large bathroom facility with 4 stalls and two sinks; a small bathroom with one toilet and one sink; a recreation/TV room; and a large kitchen/office planning area complete with industrial propane stainless steel stove/grill, electric fridge, cooking utensils, dinner tables for 15 persons and an office desk. 24 hour power was supplied by a large diesel generator. A Bell 206B Jet Ranger helicopter and pilot from Trans North Helicopters was based at the site for crew set outs/pick ups. A cook was contracted from Aurum Geological Consultants Inc. to feed the crew.

10.2 Geochemistry Survey

A total of 458 samples were collected on the HEN claim block; 448 soils and 10 rocks.

Soil samples were collected: 1) every 50m with 200m line spacing - on 5 separate soil grids; and 2) every 50 to 100m along 7 reconnaissance style traverse lines. Refer to Figure 3a & b.

Approximately 300-350 grams of soil size material was sampled from the B-soil horizon; Samples were taken using a soil auger or mattock, placed in a labelled Kraft double gusseted paper sample bag, and labelled orange flagging tape was used to mark the location of each sample site. The locations of soil sample sites were recorded in a field note book from a hand held GPS device (Garmin 12 channel receiver) with 15 metre accuracy. The UTM location data and sample number data was later downloaded from the GPS units to a field computer at the Henderson base camp.

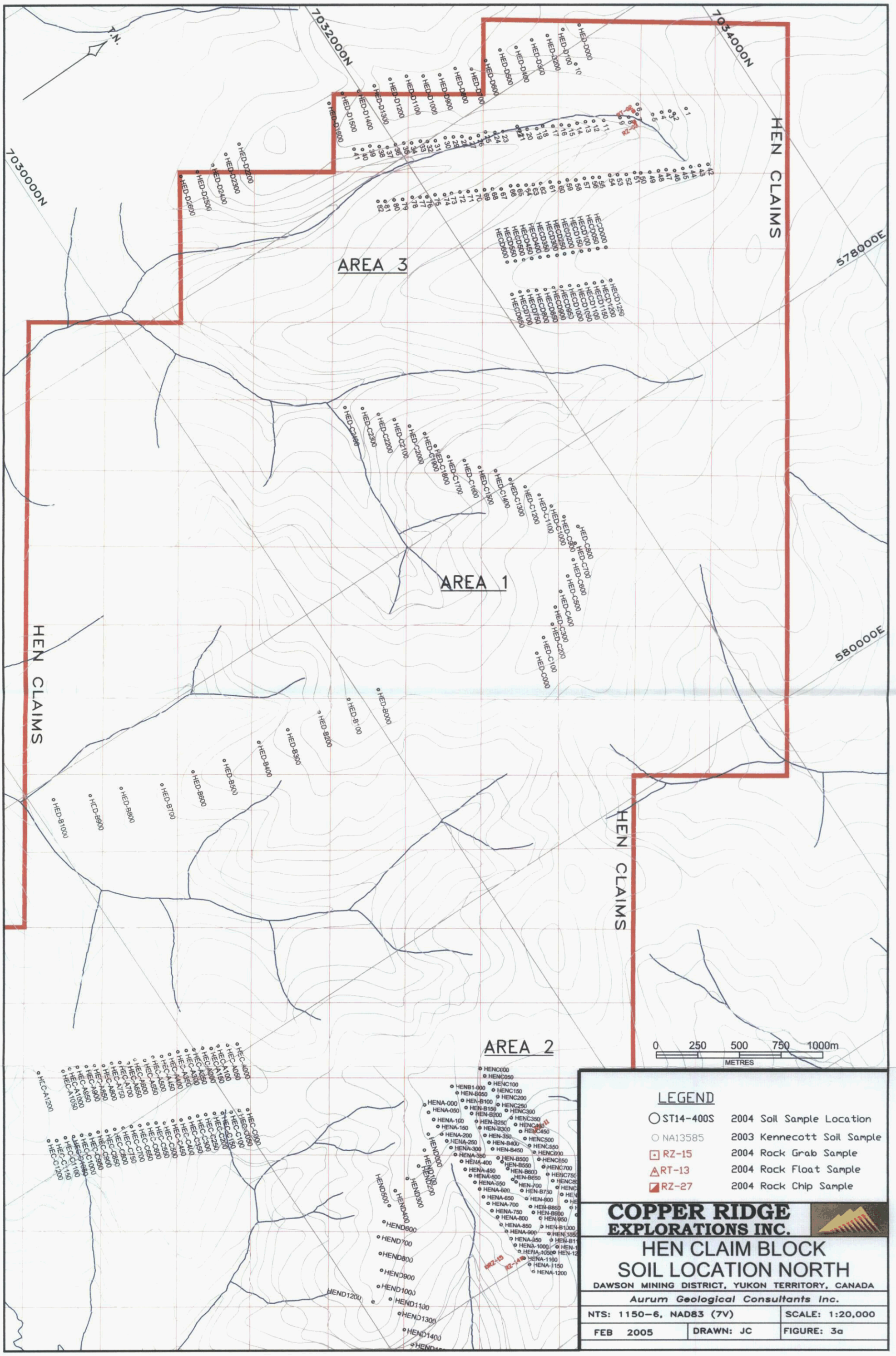
Rock samples were collected as float, grab (in situe), and continuous chips (in situe). Typically ~5 kg of material was collected and placed into a uniquely numbered ploy-ethylene sample bag. The sample site was marked with labelled flagging tape. A description of the sample typically would include: size of grab or float; length of continuous chip; and a mineralogy description. This information was recorded in a field notebook along with a GPS location (15 m accuracy) as per soil samples. The UTM location data and rock sample descriptions were entered into a spreadsheet at the Henderson base camp.

All samples for geochemical analysis were sent to Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, BC, V6A 1R6 (604 253 3158). Laboratory procedure analysis for samples collected are as follows:

<u>Soil Samples</u>

Preparation (SS80 Acme Code)
Dry up at 60^0C, sieve (up to) 100g to 80 mesh size

Analysis (Group 1DX; 36 element)
30.00 gram sample leached with 180ml HCl-HNO_3-H_20 (2-2-2) at 95^0 C. for one hour, diluted in 600ml. Analysis done by ICP-MS.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7030000N
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HEN CLAIMS
AREA 3
AREA 1
AREA 2
HEN CLAIMS
HEN CLAIMS
0 250 500 750 1000m
METRES
LEGEND
ST14-400S 2004 Soil Sample Location
NA13585 2003 Kennecott Soil Sample
RZ-15 2004 Rock Grab Sample
RT-13 2004 Rock Float Sample
RZ-27 2004 Rock Chip Sample
COPPER RIDGE EXPLORATIONS INC.
HEN CLAIM BLOCK
SOIL LOCATION NORTH
DAWSON MINING DISTRICT, YUKON TERRITORY, CANADA
Aurum Geological Consultants Inc.
NTS: 1150-6, NAD83 (7V)
SCALE: 1:20,000
FEB 2005
DRAWN: JC
FIGURE: 3a

7026000N

T.N.

7030000N

584000E

586000E

HEN CLAIMS

HEN CLAIMS

AREA 4

AREA 5

AREA 6

HEC-A1200 HEC-A1050 HEC-A1000 HEC-A950 HEC-A900 HEC-A850 HEC-A800 HEC-A750 HEC-A700 HEC-A650 HEC-A600 HEC-A550 HEC-A500 HEC-A450 HEC-A400 HEC-A350 HEC-A300 HEC-A250 HEC-A200 HEC-A150 HEC-A100 HEC-A050 HEC-A000

HEC-C1200 HEC-C1150 HEC-C1100 HEC-C1050 HEC-C1000 HEC-C950 HEC-C900 HEC-C850 HEC-C800 HEC-C750 HEC-C700 HEC-C650 HEC-C600 HEC-C550 HEC-C500 HEC-C450 HEC-C400 HEC-C350 HEC-C300 HEC-C250 HEC-C200 HEC-C150 HEC-C100 HEC-C050

HEND1200 HEND1100 HEND1000 HEND900 HEND800 HEND700 HEND600 HEND500 HEND400 HEND300 HEND200 HEND100 HEND000

HENA-000 HENA-050 HENA-100 HENA-150 HENA-200 HENA-250 HENA-300 HENA-350 HENA-400 HENA-450 HENA-500 HENA-550 HENA-600 HENA-650 HENA-700 HENA-750 HENA-800 HENA-850 HENA-900 HENA-950 HENA-1000 HENA-1050 HENA-1100 HENA-1150 HENA-1200

HENB1-000 HEN-B050 HEN-B100 HEN-B150 HEN-B200 HEN-B250 HEN-B300 HEN-B350 HEN-B400 HEN-B450 HEN-B500 HEN-B550 HEN-B600 HEN-B650 HEN-700 HEN-B750 HEN-800 HEN-B850 HEN-B900 HEN-950 HEN-B1000 HEN-1050 HEN-B1100 HEN-1150 HEN-1200

HENC000 HENC050 HENC100 HENC150 HENC200 HENC250 HENC300 HENC350 HENC400 HENC450 HENC500 HENC550 HENC600 HENC650 HENC700 HENC750 HENC800 HENC850 HENC900 HENC950 HENC1000 HENC1050 HENC1100 HENC1150 HENC1200

HEDA2700 HEDA2600 HEDA2500 HEDA2400 HEDA2300 HEDA2200 HEDA2100 HEDA2000 HEDA1900 HEDA1800 HEDA1700 HEDA1600 HEDA1500 HEDA1400 HEDA1300 HEDA1200 HEDA1100 HEDA1000 HEDA900 HEDA800 HEDA700 HEDA600 HEDA500 HEDA400 HEDA300 HEDA200 HEDA100

HEBD600 HEBD550 HEBD500 HEBD450 HEBD400 HEBD350 HEBD300 HEBD250 HEBD200 HEBD150 HEBD100 HEBD050 HEBD000 HEBD1150 HEBD1200 HEBD1250

HEB-A1300 HEB-A1250 HEB-A1200 HEB-A1150 HEB-A1100 HEB-A1050 HEB-A1000 HEB-A950 HEB-A900 HEB-A850 HEB-A800 HEB-A750 HEB-A700 HEB-A650 HEB-A600 HEB-A550 HEB-A500 HEB-A450 HEB-A400 HEB-A350 HEB-A300 HEB-A250 HEB-A200

HEB-B1300 HEB-B1250 HEB-B1200 HEB-B1150 HEB-B1100 HEB-B1050 HEB-B1000 HEB-B950 HEB-B900 HEB-B850 HEB-B800 HEB-B750 HEB-B700 HEB-B650 HEB-B600 HEB-B550 HEB-B500 HEB-B450 HEB-B400

HEB-C1300 HEB-C1250 HEB-C1200 HEB-C1150 HEB-C1100 HEB-C1050 HEB-C1000 HEB-C950 HEB-C900 HEB-C850 HEB-C800 HEB-C750 HEB-C700 HEB-C650 HEB-C600

RZ-14 RZ-15 RZ-24 RZ-25 RZ-27 RZ-28 RT-13

0 250 500 750 1000m

METRES

LEGEND

ST14-400S	2004 Soil Sample Location
NA13585	2003 Kennecott Soil Sample
RZ-15	2004 Rock Grab Sample
RT-13	2004 Rock Float Sample
RZ-27	2004 Rock Chip Sample

COPPER RIDGE EXPLORATIONS INC.

HEN CLAIM BLOCK SOIL LOCATION SOUTH

DAWSON MINING DISTRICT, YUKON TERRITORY, CANADA

Aurum Geological Consultants Inc.

NTS: 1150-6, NAD83 (7V)		SCALE: 1:20,000
FEB, 2005	DRAWN: JC	FIGURE:3b

10

Rock

Preparation (R150 Acme Code)
1 kg of sample crushed to -10 mesh (70%), split 250g and pulverized to 150 mesh (95%).

Analysis (Group 1DX; 36 element)
30.00 gram sample leached with 180ml HCl-HNO_3-H_20 (2-2-2) at 95^0 C. for one hour, diluted in 600ml. Analysis done by ICP-MS.

All samples were analysed by ICP-MS (Inductively Coupled Plasma-Mass Spectrometer) for 36 elements. Standards were inserted every 35 analyses for quality control. Limits are summarized in Table 3.

TABLE 2

LIMITS on ICP-MS ANALYSIS (36 elements)		
DETECTION LIMITS	ELEMENTS ANALYZED	PARTIAL DIGESTION
0.5 ppb	Au	Al, B, Ba, Ca, Cr, Fe, Ga, K, La, Mg, Mn, Na, P, Sr, Th, Ti, U, V, W Solubility of some elements will be limited to the mineral species sampled. Refractory and graphitic samples can limit gold (Au) solubility.
0.01 ppm	Hg	
0.1 ppm	Mo, Cu, Pb, Ag, Ni, Co, U, Th, Cd, Sb, Bi, W, Sc, Tl	
0.5 ppm	As, Se	
1 ppm	Zn, Mn, Sr, La, Cr, Ba, B, Ga	
2 ppm	V	
0.001%	P, Ti, Na	
0.01%	Fe, Ca, Mg, Al, K	
0.05%	S	
UPPER LIMITS		
100 ppm	Ag, Au, W, Hg, Sc	
1000 ppm	Ba, Tl, Ga, Se	
2000 ppm	Mo, Co, U, Th, Cd, Sb, Bi, B	
10000 ppm	Cu, Pb, Zn, Ni, Mn, As, Sr, V, La, Cr	
5%	P	
10%	Ti, Al, Na, K, S	
30%	Mg	
40%	Fe, Ca	

10.3 Spot Check Prospecting

Only three areas were visited within the HEN claim block; 1) NW corner to investigate weak gossanous colour anomaly in soil; 2) central, north of Henderson Ck investigating previous Kennecott multi-element soil anomaly; and 3) central, south of Henderson Ck investigating previous Kennecott "arsenic" soil anomaly.

1) Colour anomaly was discovered to be weak limonite-jarosite rust coincident with an ESE fracture-shear in a granite (DMt-DPg contact zone?). Rocks RZ-2 & 3 were collected from this area.

PLATE 2: Rock sample RZ-11; blebby pyrrhotite+/-chalcopyrite+/-magnetite in meta-sediment float.

2) Several pieces of float within the headwaters of a small creek (RZ-11) contained fine grained disseminated sulphides (tr-3%) namely: cubic py, subhedral magnetite, and bleby cpy + pyrrhotite. Three different lithologies were identified in float (RZ-11): trace dissemintated pyrite (?) in silicified meta-sediment (DMa ?), milky white bull quartz, and paragneiss. The south facing slope immediately to the south of RZ-11 exposes several outcrops of meta-sedimentary (DMps?), amphibolite (DMm?) and meta-carbonate (DMc) rocks. Of special note is an extensive very siliceous unit on this south-facing slope - silica rich alteration garnet-sericite quartzite. Rocks RZ-11, 14 & 15 were collected from this area.

3) Several small outcrops immediately to the south of the Kennecott "arsenic" soil anomaly in the creek bank exposed pegmatite float, quartz vein float, hematite stain and breccia and granitic gneiss outcrop (DMt). Rocks RT-13, RZ-24, 25, 27 & 28 were collected from this area.

10.4 Results

Soils

Anomalous (> 98 percentile) soil results with respect to copper, zinc, gold, molybdenum, mercury, antimony, iron and calcium, regarding various elements are found across the property. Ranked according to anomalous copper values first, they include:

Area 1

A string of strongly anomalous copper soil samples consist of: sample HED-C1200 (193.3ppm Cu); HED C800 (182.5 ppm Cu);); HED C700 (457.1 ppm Cu);); HED C500 (820 ppm Cu); HED C400 (388.3 ppm Cu); and with HED C200 (13.64 ppm Ca). This sample string with 100m spacing is *orientated parallel to the regional trend* of the metamorphic fabric or foliation; that is southeast. The sample string is located in the northeast portion of the HEN claim block.

Area 2
The multi-element anomaly spot soil sample HEN A-1100 (185.6 ppm Cu, 596 ppm Zn, 11 ppm Mo) is within a 500m radius of other spot anomalous samples including: HEN B-1100 (597 ppm Zn), HEN A-850 (389 ppm As), and HEN A-950 (33.2 ppb Au). The highest gold soil sample (HEN B 000, 163 ppb Au) on the HEN claim block is isolate and located 1100m west-northwest of sample HEN A-1100. These anomalous samples are located in the east central part of the claim block - just north of Henderson Creek.

Area 3
The upper northwest corner of the HEN claim block contains several isolate anomalous gold and molybdenum soil samples; they include: sample HED D-800 (61.7 ppb Au), HEC D-1100 (12.5 ppm Mo), HEC D-000 (12.2 ppb Au), #67 (10.1 ppb Au), #8 (4.6 ppm Mo) and #55 (4.5 ppm Mo).

Area 4
A string of three anomalous soil samples in zinc and molybdenum include: HEC C-600 (503 ppm Zn), HEC C-550 (265 ppm Zn , 10.7 ppm Mo), and HEC C-500 (10 ppm Mo). These consecutive samples, at 50m spacings, were taken *across the regional structural fabric.* They are located in the west-central portion of the HEN claim block north of Henderson Creek.

Area 5
A string of two anomalous soil samples in antimony and mercury include: HEB C-1250 (8 ppm Sb, 1224 ppb Hg); and HEB C-1300 (840 ppb Hg). Also there is an isolate copper soil anomaly 500m to the east-northeast of the two samples mentioned above. These samples are near the east edge and in the central portion of the HEN claim block just south of Henderson Creek.

Area 6
Three anomalous soil samples in iron spread over 900 m *parallel to the regional structural fabric* include: HEN D-600 (11.8% Fe), HEN D-1000 (6.96% Fe) and HEN D-1600 (5.62% Fe). These samples were taken in the east-central portion of the HEN claim block - 2.5 km northwest from the samples mentioned above in paragraph 5.

TABLE 3: SOIL GEOCHEMISTRY STATISTICS (448 soils)

ELEMENT	mean	max.	90th Percentile	98th Percentile
Copper (ppm)	42.9	820.0	72.0	152.8
Gold (ppb)	2.6	163.5	3.9	10.0
Molybdenum (ppm)	1.0	12.5	1.7	3.9
Zinc (ppm)	82.2	597.0	132.0	246.0
Lead (ppm)	14.8	156.3	30.4	78.3
Iron (%)	3.50	11.80	5.01	6.6

Rocks
No significant rock assay results were returned from the three areas prospected on the HEN claim block.

11. CONCLUSIONS

Previous regional government mapping and prospecting during the 2004 work program has confirmed a general southeast trending structural fabric - primarily foliation of the varied compositional meta-sedimentary rocks.

Prospecting returned no anomalous rock samples; however disseminated sulphides - primarily pyrrhotite-pyrite were noted at sample site RZ-11. A very siliceous garnet-sericite quartzite at RZ-15 suggests an alteration zone in the area.

The reconnaissance and grid style soil survey across the HEN claim block returned scattered anomalies (>98 percentile) for copper, zinc, gold, molybdenum and others. Anomalous gold (weak) and copper (locally strong) values are not coincident suggesting at least two sources.

12. STATEMENT OF COSTS

TABLE 4: Statement of Costs

PERSONEL	Days	Rate/Day	unfactored	Factored Cost	Cost (includes GST)
Rick Zuran - Project Geologist	3	$430.00			$1,290.00
Reza Tafti - Geologist	4	$280.00			$1,120.00
Louise Levesque - Cook & Field Assistant	4	$350.00			$1,400.00
Grant Carlson - Field Assistant	2	$220.00			$440.00
Scott Flemming - Soil Technician	2	$325.00			$650.00
Jeremy Taylor - Soil Technician	4	$325.00			$1,300.00
Isaac Face - Soil Technician	4	$325.00			$1,300.00
Mike Lindley - Soil Technician	4	$325.00			$1,300.00
Tyson Foxcroft - Soil Technician	4	$325.00			$1,300.00
Ben Rudis - Soil Technician-camp Assistant	2	$325.00			$650.00
SAMPLE ANALYSIS	**Number**	**Cost/Sample**			
Acme Analytical Laboratories					
Soil (SS80 prep + Gp 1DX w 30g Au)	458	$17.10			$7,831.80
Rock (R150 prep + Gp 1DX w 30g Au))	10	$20.75			$207.50
TRANSPORTATION	**Hours**	**Rate/Hr**			
TNTA - Helicopter (Bell 206B Jet Ranger)					
set outs/pickups	4.5	$800.00			$3,600.00
	Barrels	**Price/Barrel**			
Helicopter Fuel (North 60 Petrol)	2.25	$275			$618.75
Truck Rentals - *Norcan**			$1,532.35	$612.94	$612.94
SUPPORT COSTS	**Man-days**	**Rate/man-day**			
Room & Board (equivalent camping costs)	29	$100.00			$2,900.00
Gasoline & Diesel - *North 60 Petro*, 18 drums Jet B fuel**			$5,008.91	$1,252.23	$1,252.23
Shipping Fuel - Dawson to Henderson - *Van Every***			$909.50	$227.38	$227.38
Shipping - Whitehorse-Vancouver - *Greyhound* (samples)***			$500.00	$200.00	$200.00
	Days	**Rate/day**			
5 Walkie Talkies - *Total North Communications**	4	$20			$80.00
1 Satellite Phone Rental - *Total North Communications**	4	$35			$140.00
Field supplies - maps, tools, sample bags, flagging, batteries, etc.*			$2,922.75	$1,169.10	$1,169.10
REPORT					
R. Zuran (2 days)	2	$460.10			$920.20
KRX - Copper Ridge Explorations Inc.				**TOTAL EXPENDITURE:**	**$30,509.90**

* factored cost - average 4 out of 10 days in the area spent on HEN claims; 40%

** factored cost - based on %age of barrels used (ie. 4.5/18 or 25%)

*** factored cost - based on total samples taken in the area (ie. 469/1159 or 40.5%)

note: Bell Jet Ranger averages 2.0 hrs/45 gal drum of fuel

13. STATEMENT OF QUALIFICATIONS

I, Rick J. Zuran, B.Sc., with a residence of Box 34003, Whitehorse, YT, Y1A 7A3, Canada, do certify that:

1. I am a graduate of the University of British Columbia with a Bachelor Degree in Geological Sciences (1988).

2. I have been engaged in mineral /field exploration since 1977.

3. I have been associated as an employee or consultant with the following universities, companies or government departments:

University of Ottawa
University of British Columbia
Denison Mines Ltd.
Anaconda Canada Expl. Ltd.
Selco Ltd.
BP Minerals Ltd.
OBI Resources Ltd.
Mt. Skukum Gold Mining Corp.
Total Energold Corp.
North American Metals Corp.
Kennecott Canada Inc.
Aurum Geological Consultants Inc.
Yukon Territorial Government
Indian and Northern Affairs Canada

4. I am a member of the Yukon Chamber of Mines.

5. I have no direct or indirect interest in the properties or securities owned by Ryanwood Exploration Inc. or Copper Ridge Explorations Inc. nor do I expect to receive any.

6. The work described in this report is based on field work conducted June 15-25th, 2004, supervised by myself.

7. I am the author of this report.

Dated at Whitehorse, Yukon Territory this 22nd day of February, 2005.

Respectfully submitted,

Rick J. Zuran, B.Sc.

14. REFERENCES

BOSTOCK, H.S., 1942. Ogilvie, Yukon Territory; Geological Survey of Canada, Map 711A, scale 1:250,000.

GORDEY, S.P. and MAKEPEACE, A.J., 1999. Yukon Digital Geology (CD). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D).

GORDEY, S.P. and RYAN, J.J. 2003 Geology, Stewart River Area (Parts of 115N/1,2,7,8 and 115O/2-7,12), Yukon Territory; Geological Survey of Canada, Open File 4641, scale 1:100,000.

Yukon Minfile, 2003. Yukon Geology Survey, Yukon, Canada.

APPENDIX I

Assay Results

Acme Analytical Laboratories Ltd. Certificates

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT SOUTH DAWSON File # A403264

500 - 625 Howe St., Vancouver BC V6C 2T6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
SI	<.1	.5	.2	<1	<.1	<.1	<.1	5	.01	<.5	<.1	1.1	<.1	2	<.1	<.1	<.1	<1	.08	<.001	<1	<1	<.01	2	<.001	1	.01	.400	<.01	<.1	.01	.1	<.1	<.05	<1	<.5
RT 13	.1	1.3	16.4	22	<.1	1.6	.3	197	.15	<.5	.2	<.5	.1	478	.2	1.0	<.1	2	30.63	.004	2	1.4	.28	95	<.001	1	.02	.002	<.01	<.1	<.01	.2	<.1	<.05	<1	<.5
RZ 2	.6	1.4	4.2	14	<.1	1.2	.5	107	.54	5.4	.5	.6	1.1	19	<.1	.2	<.1	11	.06	.012	4	3.8	.03	69	.002	<1	.15	.038	.07	.1	.01	1.1	<.1	<.05	1	<.5
RZ 3	1.0	2.2	3.8	21	<.1	.9	1.9	83	.82	8.9	.9	.5	1.1	17	<.1	.1	<.1	14	.04	.012	3	6.9	.04	38	.002	<1	.25	.039	.05	<.1	.02	1.1	<.1	<.05	1	<.5
RZ 11	.4	18.8	12.9	100	.1	.7	3.3	534	2.52	<.5	.5	<.5	3.6	11	.1	<.1	.1	11	.23	.019	14	8.1	.22	98	.071	<1	.48	.043	.27	.1	.01	3.1	.1	.14	4	<.5
RZ 14	7.9	32.3	27.4	114	.1	65.8	3.2	230	.59	<.5	2.9	.9	1.5	33	.9	.2	.5	92	1.12	.364	11	26.7	.08	89	.023	2	.49	.009	.03	.2	<.01	1.3	<.1	<.05	2	.5
RZ 15	.8	4.7	1.3	15	<.1	5.6	2.4	114	.98	29.5	.3	.8	1.6	3	<.1	.2	.8	5	.09	.037	4	15.9	.06	18	.003	1	.26	.001	.04	<.1	.01	1.1	<.1	<.05	1	<.5
RZ 24	.2	3.0	20.3	54	<.1	1.4	7.0	528	3.82	3.2	1.6	<.5	2.9	68	.8	.7	.1	87	2.11	.091	11	15.1	.38	139	.046	1	.45	.033	.04	<.1	.01	12.1	<.1	<.05	4	<.5
RZ 25	.2	3.3	12.7	36	<.1	.9	5.4	340	3.01	1.5	.6	.5	2.5	75	<.1	.6	.1	23	.41	.057	7	7.4	.59	590	.058	4	.83	.024	.07	.1	<.01	7.3	<.1	<.05	5	<.5
RZ 27	.3	19.3	2.7	38	<.1	6.9	10.8	567	2.79	1.5	.8	.8	2.4	99	.1	.4	.1	99	5.81	.050	10	21.6	1.07	770	.063	3	.92	.029	.05	<.1	<.01	8.6	<.1	<.05	6	<.5
RE RZ 27	.3	19.8	2.7	37	<.1	7.5	10.9	565	2.77	1.5	.9	<.5	2.5	100	.1	.4	.1	100	5.77	.048	10	22.2	1.06	751	.063	2	.92	.029	.06	<.1	<.01	8.5	<.1	<.05	6	<.5
RZ 28	.2	3.1	6.2	62	<.1	.7	1.0	361	2.57	1.3	.9	<.5	3.9	18	.3	.2	<.1	4	.21	.018	12	4.7	.17	65	.082	2	.44	.035	.06	.1	.01	4.0	<.1	<.05	4	<.5
STANDARD DS5	12.9	140.4	26.2	138	.3	23.9	11.8	741	2.98	17.9	6.2	41.4	2.8	45	5.7	3.9	6.1	59	.73	.091	11	188.2	.65	136	.096	17	1.98	.033	.14	5.4	.16	3.4	1.0	<.05	6	4.9

GROUP 1DX - 30.0 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data f FA ____ DATE RECEIVED: JUL 5 2004 DATE REPORT MAILED: July 20/04

BRITISH COLUMBIA CERTIFIED ASSAYER
C. L
Clarence Leong

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Copper Ridge Exploration Inc. PROJECT SOUTH DAWSON File # A403262 Page 1
500 - 625 Howe St., Vancouver BC V6C 2T6

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEB-A200	1.0	32.2	10.7	81	.1	22.9	13.1	754	3.04	7.4	1.0	1.4	3.6	25	.2	.3	.2	65	.52	.103	13	55.4	.69	259	.074	1	1.55	.020	.07	.1	.03	5.1	.1	<.05	5	.5	15
HEB-A250	.7	32.0	9.0	69	.1	16.4	8.4	327	2.88	8.2	1.6	1.9	4.3	27	.1	.4	.2	61	.42	.058	18	30.6	.57	240	.083	<1	1.46	.016	.06	.1	.04	6.2	.1	<.05	5	.5	30
HEB-A300	.7	33.5	16.4	132	.1	21.8	10.1	555	3.88	7.8	1.1	1.8	4.2	28	.1	.5	.2	75	.46	.065	18	34.4	.73	279	.090	<1	1.73	.016	.12	.1	.04	8.3	.1	<.05	7	.5	30
HEB-A350	.7	21.2	10.6	76	.1	14.4	8.3	342	2.99	6.5	1.0	2.3	3.0	22	.1	.3	.2	64	.34	.040	15	28.7	.55	247	.078	1	1.50	.015	.04	.1	.03	5.3	.1	<.05	6	<.5	30
HEB-A400	.6	29.7	10.3	64	<.1	18.7	9.8	361	2.95	8.1	2.1	4.4	4.3	26	<.1	.4	.2	67	.36	.036	18	35.0	.53	302	.086	<1	1.70	.014	.04	.1	.05	7.3	.1	<.05	5	<.5	30
HEB-A450	.3	35.8	12.5	99	<.1	15.6	11.6	332	3.12	4.1	.5	1.3	2.4	25	.2	.3	.1	81	.53	.090	9	27.2	.70	129	.091	1	1.33	.025	.03	.1	.02	6.0	<.1	<.05	6	<.5	30
HEB-A500	.4	54.1	147.2	104	.1	11.1	21.8	617	7.31	4.8	.8	.7	5.6	41	.1	.9	1.5	119	1.02	.223	17	16.4	1.11	214	.165	<1	2.38	.025	.09	.1	.01	6.0	<.1	<.05	14	.6	30
HEB-A550	.7	33.3	9.5	63	.1	14.9	9.7	284	3.53	6.2	.5	2.9	2.8	25	<.1	.4	.1	90	.40	.051	11	31.1	.73	136	.100	1	1.82	.022	.03	.1	.02	4.9	.1	<.05	7	.5	30
HEB-A600	.7	51.3	7.5	67	.1	17.7	10.0	245	3.13	19.0	.8	3.0	3.3	18	.1	.4	.1	78	.33	.057	14	30.3	.72	180	.083	1	1.62	.015	.04	.1	.02	4.5	.1	<.05	6	.5	15
RE HEB-A600	.6	49.5	7.1	65	<.1	16.4	9.6	236	3.05	18.9	.8	2.0	2.9	17	.1	.4	.1	75	.30	.057	13	28.3	.70	182	.071	<1	1.53	.013	.03	.1	.02	4.0	.1	<.05	6	.5	15
HEB-A650	.7	41.1	7.5	67	.1	19.6	13.6	864	4.27	8.6	.9	2.3	3.0	29	.1	.5	.2	94	.89	.096	16	29.6	.72	250	.040	1	1.81	.017	.06	.1	.06	10.1	.1	<.05	7	.6	15
HEB-A700	.6	27.0	9.0	48	.1	16.0	8.6	194	2.69	14.0	.9	1.7	3.1	23	<.1	.4	.2	60	.32	.057	14	26.3	.52	192	.066	<1	1.52	.013	.03	.1	.05	4.0	.1	<.05	5	.6	30
HEB-A750	.5	29.4	12.0	39	<.1	16.5	10.8	272	2.73	5.1	.6	2.8	2.8	37	<.1	.4	.2	69	.46	.071	11	30.0	.59	186	.097	1	1.41	.022	.04	.1	.01	4.1	.1	<.05	5	<.5	30
HEB-A800	.5	60.3	10.8	50	<.1	27.3	14.5	380	3.65	6.0	1.2	2.2	4.0	40	<.1	.4	.1	91	.58	.065	18	52.9	.99	308	.138	1	1.98	.022	.10	.1	.02	8.6	.1	<.05	7	.5	15
HEB-A850	.7	52.5	9.7	54	<.1	20.3	13.5	298	3.20	11.0	.4	1.1	2.1	31	<.1	.5	.1	76	.43	.067	9	38.3	.77	197	.127	<1	1.67	.020	.07	.1	.01	3.9	.1	<.05	6	.6	30
HEB-A900	.6	41.7	25.7	94	.1	21.3	13.9	388	3.49	6.0	.6	4.7	2.1	24	.1	.6	.3	94	.54	.060	9	43.0	.88	208	.087	1	1.83	.019	.03	.1	.03	5.9	.1	<.05	7	.6	30
HEB-A950	.9	43.0	17.5	89	.5	24.7	15.8	984	4.60	8.2	.6	4.5	2.9	31	.1	1.3	.2	115	.68	.081	15	35.9	.86	265	.042	2	1.97	.018	.05	.1	.11	11.6	.1	<.05	7	.7	15
HEB-A1000	.5	34.3	6.6	132	<.1	68.8	27.4	1151	6.58	4.8	.9	2.9	1.9	29	.2	1.3	.1	172	.57	.081	12	171.9	2.04	211	.026	<1	2.92	.017	.06	<.1	.09	20.8	.1	<.05	11	.6	30
HEB-A1050	.7	58.8	19.8	77	<.1	20.2	17.0	766	4.55	6.7	.6	1.5	2.3	51	.1	2.4	.2	107	.65	.097	11	45.3	1.10	221	.095	1	2.10	.024	.03	.1	.02	9.3	<.1	<.05	8	.7	30
HEB-A1100	.6	29.8	20.8	77	.2	18.1	14.7	655	4.67	8.5	.7	1.9	2.2	56	<.1	2.1	.2	129	.62	.056	10	32.6	.83	256	.055	2	2.37	.013	.03	.1	.03	12.5	.1	<.05	10	.6	15
HEB-A1150	.8	23.7	14.6	78	.1	23.0	15.1	728	3.90	10.2	.6	4.7	2.9	74	.1	2.1	.2	100	.58	.037	11	44.2	.97	188	.123	1	1.97	.018	.04	.1	.04	7.3	.1	<.05	7	.6	15
HEB-A1200	1.2	20.7	16.6	199	.1	14.1	9.8	1006	4.73	7.0	.7	1.4	3.8	20	.5	1.1	.1	55	.29	.045	9	25.5	.74	194	.044	<1	1.83	.009	.18	<.1	.11	8.1	.1	<.05	10	.7	30
HEB-A1250	.8	28.5	10.6	107	.1	17.6	10.6	508	3.37	7.6	.6	2.0	3.5	24	.1	.8	.2	85	.34	.028	15	35.8	.75	248	.053	<1	1.79	.013	.06	.1	.07	6.6	.1	<.05	6	.9	30
HEB-A1300	.6	35.7	45.4	118	.1	16.2	12.7	948	4.81	5.3	.8	2.8	6.3	28	.1	1.9	.4	54	.47	.034	33	16.7	.94	374	.011	<1	1.94	.010	.15	<.1	.25	8.3	.1	<.05	9	<.5	15
STANDARD DS5	12.5	142.3	25.5	136	.3	25.6	11.9	788	3.13	18.9	6.2	45.1	2.7	45	5.7	3.9	6.3	63	.71	.094	12	187.9	.68	140	.101	16	1.96	.032	.13	5.0	.19	3.6	1.0	<.05	7	5.3	30

GROUP 1DX - 30.0 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ____ DATE RECEIVED: JUL 5 2004 DATE REPORT MAILED: July 22/04

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEB-B400	.8	72.2	12.0	276	<.1	15.9	13.8	481	4.34	8.7	.7	2.3	2.2	56	.2	.5	.1	119	.72	.135	8	29.7	.95	242	.078	<1	2.19	.025	.03	.1	.05	7.0	.1	<.05	8	.6	30
HEB-B450	.4	39.2	6.3	190	<.1	18.8	9.8	275	2.63	6.9	.9	2.5	2.5	23	.3	.5	.1	67	.40	.063	11	26.7	.48	269	.059	2	1.42	.018	.03	.1	.04	5.3	<.1	<.05	5	<.5	30
HEB-B500	.4	32.8	3.9	29	<.1	15.1	8.3	188	1.82	9.6	.6	11.5	2.0	22	<.1	.5	.1	49	.36	.045	10	32.4	.49	136	.060	1	1.19	.017	.02	.1	.01	5.0	<.1	<.05	4	.5	30
HEB-B550	.5	51.1	7.9	87	<.1	12.0	10.7	627	3.88	9.1	1.4	2.4	5.2	32	<.1	1.2	.1	98	.58	.131	16	24.4	.94	226	.150	1	1.95	.010	.06	.1	.02	8.1	<.1	<.05	11	.5	30
HEB-B600	.7	35.1	4.8	34	<.1	15.5	9.9	313	2.62	7.7	.4	1.6	2.5	43	<.1	.6	.1	67	.35	.037	8	30.3	.58	165	.062	1	1.51	.027	.02	.1	.01	3.4	<.1	<.05	5	<.5	30
HEB-B650	.9	56.0	4.5	51	<.1	14.0	10.8	346	2.45	6.8	.4	2.9	2.4	17	.1	.3	.1	47	.40	.057	6	20.3	.63	193	.045	1	1.60	.023	.03	.1	.01	3.2	<.1	<.05	5	<.5	15
HEB-B700	.7	46.3	10.1	58	.1	30.3	14.2	444	3.66	7.7	.5	1.3	3.9	42	.1	.9	.1	92	.48	.045	14	66.5	.74	153	.111	<1	2.08	.030	.06	.1	.01	6.6	<.1	<.05	8	<.5	30
HEB-B750	.8	73.3	4.4	47	.1	34.2	20.3	1150	5.92	6.6	.6	2.2	2.3	33	.1	.9	.1	143	.71	.108	10	70.5	1.48	159	.056	1	2.60	.013	.09	.1	.04	14.7	.1	<.05	11	<.5	30
HEB-B800	.6	86.7	8.6	38	.1	22.7	16.6	464	3.80	52.5	.5	2.2	.8	30	<.1	.8	.1	99	.72	.089	7	33.6	.90	176	.133	1	1.90	.033	.11	.1	.03	7.5	.1	<.05	6	<.5	30
HEB-B850	.4	37.8	4.5	49	.1	8.9	16.6	432	5.02	6.5	.6	.8	1.6	44	.1	1.2	.1	123	.90	.132	7	13.2	1.05	153	.177	2	2.59	.029	.07	.1	.01	8.4	<.1	<.05	9	.5	30
HEB-B900	.5	20.9	10.5	66	.2	20.3	15.0	700	4.39	7.1	.8	4.5	3.1	20	.1	.8	.1	100	.51	.065	12	33.7	.78	210	.039	2	1.99	.013	.09	.1	.03	10.7	.1	<.05	8	<.5	15
HEB-B950	1.0	20.7	13.9	65	.1	19.8	11.3	689	3.68	10.5	.4	<.5	2.6	23	.1	1.0	.2	92	.48	.037	12	37.0	.46	171	.034	2	1.79	.010	.18	.1	.02	8.4	.1	<.05	7	<.5	30
HEB-B1000	.7	33.5	7.1	40	.1	36.3	13.1	478	5.09	10.6	.6	.7	6.1	34	.1	.9	.1	86	.62	.061	17	79.7	.97	171	.049	2	2.41	.025	.16	.1	.02	12.1	.1	<.05	12	.6	30
HEB-B1050	.5	56.4	11.7	73	.1	20.5	15.9	579	3.96	7.9	.4	2.4	2.4	86	.1	2.2	.2	113	.80	.037	9	33.5	.87	176	.101	2	1.82	.029	.05	.1	.06	10.2	<.1	<.05	7	<.5	30
HEB-B1100	.8	21.0	11.7	81	.1	20.2	11.8	684	3.20	7.9	.4	5.7	2.8	35	.2	.7	.2	76	.61	.056	11	33.8	.55	293	.073	2	1.96	.019	.09	.1	.02	6.5	.1	<.05	6	.5	30
HEB-B1150	.8	14.1	10.8	91	.1	15.1	8.9	892	3.40	5.0	.4	1.9	3.1	17	.1	.6	.2	53	.41	.050	12	24.8	.53	248	.033	2	1.81	.010	.14	.1	.03	6.0	.1	<.05	8	<.5	30
HEB-B1200	1.2	36.4	6.0	59	.1	14.7	10.2	674	3.68	6.5	.9	1.8	5.7	15	.1	5.5	.1	56	.34	.030	26	18.9	.39	261	.019	2	1.51	.008	.08	.1	.17	7.9	.1	<.05	5	.5	15
RE HEB-B1200	1.4	38.5	6.1	62	.1	16.1	10.4	710	3.84	6.4	1.0	2.0	5.7	16	.1	5.3	.1	58	.35	.031	26	20.3	.40	257	.020	3	1.60	.008	.09	.1	.19	8.1	.1	<.05	5	<.5	15
HEB-B1250	.6	29.6	14.0	83	.1	16.4	11.3	472	3.54	8.6	.6	1.4	3.5	15	.1	1.8	.1	64	.24	.024	11	25.3	.52	206	.034	2	1.69	.009	.15	.1	.08	7.2	.1	<.05	7	.5	30
HEB-B1300	1.4	82.9	8.2	258	.2	18.4	13.0	1182	4.86	8.3	.6	1.2	3.5	25	.3	1.1	.1	119	.47	.045	10	31.8	1.38	209	.070	1	2.63	.010	.22	.1	.40	10.4	.1	<.05	11	.6	15
STANDARD OS5	12.3	143.0	24.8	133	.3	24.8	11.9	786	3.04	18.6	5.8	42.0	2.7	44	5.4	3.8	5.9	61	.73	.086	11	188.1	.64	138	.089	16	2.07	.031	.13	5.0	.17	3.6	1.0	<.05	7	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

ACME ANALYTICAL

Copper Ridge Exploration Inc. PROJECT SOUTH DAWSON FILE # A403262 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEB-C600	.4	17.2	5.0	21	<.1	10.8	6.9	185	2.10	4.4	.4	<.5	5.9	12	.1	.5	.1	53	.36	.073	9	17.8	.32	84	.061	2	.98	.020	.05	.1	.01	3.8	<.1	<.05	4	<.5	15
HEB-C650	.6	62.1	6.3	58	<.1	16.3	21.6	443	3.83	9.2	.9	<.5	3.7	31	.1	.5	.1	88	.47	.072	16	20.4	.78	280	.109	1	1.86	.016	.30	.1	.01	5.7	.1	<.05	7	.5	30
HEB-C700	.6	152.8	5.5	47	.1	21.2	13.7	398	3.00	7.8	.4	1.4	2.4	23	.1	.4	.1	66	.51	.084	8	29.7	.62	233	.074	1	1.68	.018	.13	.1	.01	5.0	.1	<.05	5	.6	30
HEB-C750	.6	47.0	6.2	40	.1	22.8	9.6	313	2.55	10.2	.4	3.2	2.9	23	.1	.5	.1	58	.62	.102	11	24.4	.54	155	.063	<1	1.18	.026	.05	.2	.05	4.2	<.1	<.05	4	<.5	30
HEB-C800	.4	46.7	5.8	63	.1	15.2	13.1	506	3.90	5.9	.3	3.2	1.2	25	.1	.8	.1	72	.94	.187	6	21.8	.80	148	.079	1	1.53	.031	.05	.1	.04	6.0	<.1	<.05	7	<.5	30
HEB-C850	.3	25.9	2.5	132	<.1	10.5	10.9	852	4.10	2.5	.4	1.5	1.0	21	<.1	.6	<.1	80	1.07	.250	11	10.2	1.01	223	.097	<1	1.64	.032	.07	.1	.06	7.9	<.1	<.05	8	<.5	30
HEB-C900	1.0	148.7	7.6	131	.1	11.0	19.2	1164	6.38	4.4	.4	3.4	2.3	20	.2	.8	.1	147	.61	.097	17	13.1	1.05	166	.012	1	2.20	.008	.12	.1	.08	15.5	<.1	<.05	10	.6	15
HEB-C950	1.4	16.6	6.9	113	.1	12.7	7.9	853	4.19	5.0	.8	<.5	3.9	18	.1	.4	.1	50	.39	.066	15	18.4	.47	280	.032	1	1.72	.009	.16	.1	.02	8.9	.1	<.05	9	.5	30
HEB-C1000	2.8	73.9	12.8	184	.2	11.8	11.7	1286	5.76	4.7	.7	3.8	5.6	15	.1	1.1	.5	60	.39	.030	16	20.3	1.32	332	.007	1	2.43	.007	.12	<.1	.18	7.9	<.1	<.05	10	<.5	30
HEB-C1050	1.5	61.4	30.4	226	.2	16.9	9.2	857	4.80	52.5	.5	1.3	2.9	19	.3	1.0	.2	75	.30	.021	11	23.4	.84	401	.032	1	1.97	.010	.11	.1	.15	10.0	<.1	<.05	8	.6	30
HEB-C1100	1.0	39.3	13.3	65	.1	26.9	10.2	468	2.91	9.3	.6	4.9	4.1	37	.2	.8	.2	62	1.22	.036	19	29.6	.66	218	.071	2	1.44	.024	.06	.2	.05	5.4	.1	<.05	5	.6	30
HEB-C1150	1.1	22.6	9.3	61	.2	18.7	10.5	563	3.11	8.7	.7	1.4	3.8	23	.1	.6	.1	66	.36	.034	12	31.8	.42	236	.052	1	1.62	.009	.16	.2	.02	6.4	<.1	<.05	5	.6	30
HEB-C1200	1.0	23.0	15.8	76	.1	18.5	8.3	674	2.90	8.1	.9	1.1	4.9	25	.1	.7	.2	42	.42	.034	14	25.0	.34	324	.033	2	1.33	.009	.12	.1	.05	4.5	.1	<.05	5	.6	15
HEB-C1250	.6	56.8	27.5	138	.4	39.4	32.3	1305	7.05	8.1	.5	3.7	1.9	23	.2	8.0	.1	194	.79	.044	8	107.1	2.06	430	.064	1	2.97	.021	.20	.1	1.24	19.7	<.1	<.05	11	<.5	30
RE HEB-D000	.3	43.0	10.0	156	<.1	17.8	20.1	889	4.98	2.7	.6	16.2	6.0	26	.1	.3	.1	95	.32	.024	17	23.2	1.73	479	.192	<1	3.01	.014	.77	<.1	.02	7.0	.5	<.05	9	.6	15
HEB-C1300	.8	46.3	7.4	71	.9	24.7	17.0	964	3.96	6.2	.9	3.0	2.5	125	.2	5.2	.1	67	7.95	.034	11	37.8	.90	940	.016	3	1.49	.015	.12	.1	.84	9.3	.1	<.05	4	.8	15
HEB-D000	.3	42.8	9.8	154	<.1	17.2	20.5	887	4.96	2.9	.7	12.7	6.0	26	.1	.2	.1	95	.34	.023	17	23.7	1.72	470	.197	1	2.97	.014	.80	<.1	.01	7.1	.4	<.05	9	.6	15
HEB-D050	.5	73.7	7.3	71	.1	12.5	15.8	359	3.44	4.7	.9	3.6	2.7	22	.1	.2	.1	94	.46	.016	7	17.4	.86	476	.106	<1	2.03	.036	.11	.1	.01	6.3	.1	<.05	5	<.5	30
HEB-D100	.7	28.0	9.4	86	.1	9.1	6.5	465	3.02	4.4	1.1	.7	3.0	19	.1	.2	.1	34	.26	.051	19	15.3	.41	285	.067	<1	1.70	.008	.21	<.1	.02	2.7	.1	<.05	6	<.5	15
HEB-D150	.9	24.5	14.0	140	.1	14.1	7.6	570	3.23	5.1	.9	1.4	2.7	16	.4	.2	.1	55	.21	.049	18	26.9	.61	344	.098	2	1.76	.010	.28	.1	.03	5.0	.1	<.05	7	<.5	30
HEB-D200	.5	55.6	6.7	118	<.1	14.6	13.5	754	4.77	3.6	.9	1.7	4.0	71	.1	.3	.1	86	.42	.065	21	32.6	1.01	523	.125	<1	2.37	.011	.70	<.1	.02	6.5	.3	<.05	9	.5	30
HEB-D250	.4	48.8	14.9	115	<.1	15.9	16.7	557	4.23	3.5	.5	1.2	3.0	24	.1	.2	.2	111	.36	.054	11	32.7	1.06	401	.145	1	2.21	.016	.43	<.1	.02	5.5	.2	<.05	7	<.5	30
HEB-D300	.2	25.4	34.1	68	.1	41.7	18.1	694	3.73	2.6	.7	1.4	5.6	26	.1	.3	.4	79	.49	.056	20	91.5	1.65	362	.098	<1	2.33	.013	.37	.1	.01	7.9	.1	<.05	8	<.5	30
HEB-D350	.9	54.5	10.4	118	<.1	19.9	32.7	1311	4.55	2.2	.4	.5	.9	36	.1	.5	.1	114	.76	.042	5	20.8	1.60	694	.054	1	2.33	.018	.10	<.1	.01	11.6	<.1	<.05	7	<.5	30
HEB-D400	.4	34.8	12.6	84	<.1	14.7	5.5	450	2.93	5.1	1.0	1.7	3.5	20	.1	.5	.1	37	.23	.021	19	18.7	.31	406	.043	1	1.25	.009	.11	<.1	.02	7.2	.1	<.05	5	<.5	30
HEB-D450	.4	12.5	9.7	59	<.1	9.4	9.0	668	3.45	3.4	.7	1.3	2.8	28	.1	.5	.1	52	.54	.083	14	12.0	.65	514	.020	1	1.60	.009	.10	<.1	.01	7.5	<.1	<.05	7	<.5	30
HEB-D500	.5	20.1	7.4	60	<.1	13.9	7.7	438	2.85	3.3	.8	.7	7.0	22	<.1	.4	.1	30	.15	.012	18	22.8	.33	248	.039	<1	1.33	.007	.17	<.1	.02	6.8	.1	<.05	5	.5	30
HEB-D550	.2	17.5	9.5	61	<.1	8.5	4.4	243	2.25	3.3	.8	.5	3.3	20	.1	.3	.1	29	.27	.017	14	13.0	.37	250	.052	1	1.07	.012	.12	<.1	<.01	4.8	<.1	<.05	4	<.5	30
HEB-D600	.4	16.6	8.1	68	<.1	8.1	6.4	302	2.66	3.1	.7	.9	3.6	32	<.1	.3	.1	30	.30	.014	22	11.4	.43	272	.030	<1	1.28	.008	.08	<.1	.03	3.9	<.1	<.05	6	<.5	15
HEB-D650	.5	11.2	5.5	64	<.1	8.4	6.6	279	2.01	4.0	.6	1.2	5.0	10	<.1	.3	.1	28	.12	.009	8	15.3	.32	128	.059	<1	1.31	.008	.13	<.1	.01	4.2	.1	<.05	4	<.5	30
HEB-D700	.4	14.1	18.2	42	<.1	11.1	4.9	338	1.92	3.9	.5	1.3	3.0	20	<.1	.4	.1	30	.26	.007	11	14.8	.34	344	.022	1	1.34	.009	.20	<.1	.02	3.8	.1	<.05	4	<.5	15
HEB-D750	1.0	32.3	12.4	63	<.1	27.2	8.9	276	3.05	9.3	1.0	3.6	4.3	20	.1	.6	.2	72	.20	.014	15	39.0	.44	291	.086	1	2.19	.010	.05	.1	.05	7.2	.1	<.05	6	<.5	30
HEB-D800	.9	19.4	9.0	50	.1	22.4	9.1	329	2.70	8.1	.6	3.5	4.1	21	<.1	.5	.1	60	.20	.014	12	35.2	.53	416	.053	1	1.99	.010	.04	.1	.02	3.6	.1	<.05	5	<.5	30
HEB-D850	.8	19.2	9.1	51	<.1	19.2	7.6	381	2.46	9.1	.6	2.6	3.9	13	<.1	.5	.1	53	.14	.014	13	32.9	.40	226	.051	<1	1.69	.007	.05	.1	.02	3.7	.1	<.05	4	<.5	30
STANDARD DS5	12.3	144.7	24.7	137	.3	24.5	11.5	758	3.03	18.4	5.8	44.0	2.7	43	5.6	3.9	6.0	59	.76	.085	11	182.0	.63	134	.086	17	2.05	.030	.14	4.9	.16	3.3	1.0	<.05	6	5.0	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEB-D900	.3	41.3	6.9	106	<.1	15.3	12.2	502	3.98	4.3	1.3	1.9	6.8	54	<.1	.3	.1	68	.35	.021	31	34.9	1.05	447	.134	3	2.09	.011	.23	<.1	.01	6.1	.1	<.05	8	.5	15
HEB-D950	.4	21.8	31.0	107	.1	26.4	15.5	632	4.18	3.3	.8	.5	14.8	104	<.1	.2	.2	92	.33	.051	22	69.8	1.75	484	.220	1	2.51	.010	1.23	.1	.01	4.3	.3	<.05	10	.5	15
HEB-D1000	.5	67.3	5.3	106	<.1	12.2	15.5	711	4.93	5.8	.8	1.6	3.1	32	.1	.3	.1	104	.44	.074	15	23.9	1.09	576	.160	2	2.32	.018	.72	.1	.05	11.1	.3	<.05	8	.6	15
HEB-D1050	.4	50.3	5.3	115	.1	8.7	10.5	743	4.54	4.7	.9	1.4	3.7	25	.1	.2	.1	63	.35	.053	16	14.3	.65	282	.152	<1	1.71	.018	.64	<.1	.02	9.3	.1	<.05	8	<.5	15
HEB-D1100	.6	24.0	8.7	114	<.1	15.8	8.7	731	3.21	7.4	1.0	1.3	4.1	23	.1	.4	.2	49	.27	.042	13	25.0	.64	311	.112	1	1.73	.009	.35	.1	.01	3.8	.1	<.05	6	.5	15
HEB-D1150	.4	60.7	56.0	97	.1	15.1	17.1	670	4.13	3.1	.8	.6	4.4	46	.1	.2	.7	101	.80	.036	25	25.0	1.33	594	.135	2	2.48	.033	.42	<.1	.02	8.4	.2	<.05	7	<.5	15
HEB-D1200	.3	164.5	5.7	73	.1	10.7	21.9	579	4.22	3.6	.4	<.5	1.8	113	<.1	.2	.1	123	.75	.023	3	10.3	1.07	357	.167	2	2.32	.071	.12	.1	.01	8.8	.1	<.05	6	<.5	30
HEB-D1250	.7	21.9	13.9	77	.1	21.4	10.5	555	3.13	8.6	.8	1.5	6.4	20	.1	.5	.2	60	.21	.022	15	34.5	.59	268	.117	1	1.86	.011	.19	.1	.01	4.7	.1	<.05	6	.5	30
HEC-A000	1.3	53.0	49.4	111	.1	41.3	12.6	470	4.23	60.2	.7	.5	6.8	24	.4	1.7	.6	101	.28	.026	16	61.8	1.16	332	.069	3	2.21	.008	.08	.1	.01	3.6	.1	<.05	10	.7	30
HEC-A050	.8	15.5	59.9	67	.1	13.6	9.7	445	4.23	8.8	.7	1.0	4.4	29	.1	.7	.6	56	.36	.040	14	24.9	.65	723	.044	2	1.92	.011	.09	.1	.02	10.4	.1	<.05	8	.5	30
HEC-A100	.9	21.8	35.4	52	.1	22.4	8.4	375	2.50	9.9	.7	2.6	4.3	24	.1	.5	.3	66	.32	.032	13	34.1	.44	627	.062	2	1.44	.011	.05	.1	.03	3.8	.1	<.05	4	.5	30
HEC-A150	2.5	25.6	58.9	72	<.1	6.5	20.4	721	8.63	8.3	1.6	.7	6.9	81	.2	.7	.3	79	.96	.078	37	19.3	1.31	2658	.109	2	3.31	.030	.40	.1	.02	16.8	.2	<.05	14	.9	30
HEC-A200	.9	12.5	12.8	37	.1	8.2	10.1	284	3.87	3.9	.5	.7	2.3	99	<.1	.2	.2	79	.72	.104	7	16.2	.59	450	.063	2	2.08	.020	.10	.1	.01	8.6	.1	<.05	8	<.5	30
HEC-A250	.6	20.9	64.3	59	.1	11.1	10.5	466	4.36	6.6	.8	<.5	4.4	29	.1	.4	.5	72	.59	.075	24	23.0	.92	621	.045	2	2.03	.011	.06	.1	.02	7.5	<.1	<.05	9	.5	30
HEC-A300	.7	51.8	26.7	83	.1	14.6	20.6	922	5.90	9.7	1.2	1.3	4.6	215	.1	.7	.3	184	1.56	.061	23	19.3	1.41	380	.096	3	3.21	.047	.05	<.1	.04	15.5	<.1	<.05	12	.6	30
HEC-A350	.6	18.5	30.7	65	.1	17.3	10.2	302	3.08	7.5	1.0	7.4	6.4	38	.1	.4	.3	62	.43	.053	21	36.1	.58	257	.087	1	1.70	.014	.06	.1	.01	4.8	.1	<.05	6	<.5	30
HEC-A400	.7	23.7	36.3	63	.1	20.1	9.8	289	2.70	8.7	.8	2.9	4.0	30	.2	.4	.3	65	.34	.037	14	40.1	.52	203	.087	2	1.51	.013	.05	.1	.02	4.3	.1	<.05	6	.5	30
HEC-A450	.8	48.9	26.4	138	<.1	42.3	13.2	620	5.32	8.3	2.7	2.5	16.1	30	.2	.3	.3	82	.45	.067	46	77.0	1.31	449	.205	1	2.89	.012	1.01	<.1	.01	9.1	.4	<.05	13	.6	30
HEC-A500	2.3	34.2	22.8	112	.1	35.7	9.0	239	2.86	7.0	1.2	1.7	4.2	30	.4	.3	.2	90	.32	.056	15	46.7	.78	324	.130	3	2.01	.013	.12	.1	.02	4.1	.1	<.05	6	.6	30
HEC-A550	1.7	72.4	38.8	152	.1	65.0	13.9	449	6.34	4.7	2.3	.6	13.1	10	.3	.2	.4	135	.25	.132	22	88.1	1.53	467	.272	2	3.33	.011	1.23	<.1	<.01	6.7	.6	<.05	14	.8	15
RE HEC-A600	1.2	72.7	20.0	138	.1	27.4	15.3	1039	6.04	7.4	2.1	5.9	6.0	50	.4	.2	.3	193	.77	.105	24	27.2	1.72	1177	.212	1	3.62	.031	1.04	<.1	.01	11.4	.3	<.05	12	.9	15
HEC-A600	1.2	70.3	19.0	135	<.1	27.1	14.3	1002	5.75	7.2	2.0	1.6	5.7	48	.3	.2	.3	189	.73	.098	23	26.1	1.68	1139	.216	2	3.67	.033	1.05	<.1	.01	11.1	.3	<.05	12	.9	15
HEC-A650	3.3	69.4	24.7	188	.1	38.5	12.5	540	4.24	5.2	2.4	1.7	5.0	39	.5	.3	.3	192	.38	.056	21	62.6	1.17	657	.161	1	2.61	.014	.36	<.1	.01	8.6	.3	<.05	8	2.3	30
HEC-A700	.9	21.2	10.5	62	<.1	13.8	10.6	336	3.68	6.7	.6	5.0	3.1	54	.1	.5	.1	61	.52	.075	12	23.6	.66	512	.103	3	1.93	.016	.14	.1	.02	5.4	.1	<.05	7	.5	30
HEC-A750	.8	34.2	28.5	79	<.1	16.9	15.3	355	6.24	6.1	1.1	.9	4.7	53	.1	.3	.3	123	.67	.058	22	19.8	1.20	909	.136	2	2.78	.029	.22	.1	.01	10.2	.1	<.05	11	.6	30
HEC-A800	.9	35.0	53.9	277	<.1	13.5	12.7	432	4.86	40.2	.8	1.7	2.8	48	.3	.4	.3	118	.68	.034	12	61.7	1.39	688	.133	3	2.54	.045	.10	<.1	.01	11.4	.1	<.05	9	.7	15
HEC-A850	.8	76.7	15.7	67	<.1	15.3	15.7	487	5.48	11.9	.8	1.7	3.0	48	.1	.5	.2	116	.51	.033	10	30.3	1.34	567	.129	1	2.58	.024	.15	<.1	.02	8.8	.1	<.05	9	.7	30
HEC-A900	.7	18.8	78.3	61	.1	16.8	13.0	494	3.95	8.8	.6	1.1	3.3	64	.1	.7	.6	75	.58	.046	10	27.5	1.10	366	.167	3	2.48	.012	.24	.1	.01	9.1	.1	<.05	10	<.5	15
HEC-A950	.7	47.1	97.7	90	<.1	32.8	24.3	1358	5.49	4.0	1.1	1.1	5.3	29	.1	.6	.4	148	.64	.077	13	57.0	1.69	529	.073	4	2.87	.016	.26	.1	.03	16.6	.1	<.05	13	.6	30
HEC-A1000	.5	41.8	33.7	60	.1	14.2	11.5	347	3.18	3.3	.5	.6	3.4	104	.1	.4	.3	83	.77	.036	9	31.2	.93	180	.097	3	2.19	.018	.09	<.1	.01	6.2	<.1	<.05	10	<.5	30
HEC-A1050	.5	27.4	13.9	54	.1	21.6	10.4	499	2.52	6.7	1.0	3.0	3.4	39	.2	.5	.2	62	.82	.071	14	29.0	.56	325	.072	4	1.38	.026	.05	.2	.04	5.2	.1	<.05	4	.6	30
HEC-A1200	.5	38.6	49.2	70	.1	17.9	11.9	506	3.21	4.6	.9	.9	4.3	39	.1	.3	.4	92	.57	.064	14	34.8	1.01	219	.152	3	1.93	.016	.11	.1	.02	7.2	.1	<.05	8	<.5	30
HEC-B000	1.1	41.6	112.7	130	.1	35.2	14.0	657	4.40	7.9	.8	2.0	8.2	21	.2	.4	.3	113	.55	.090	12	61.3	1.38	534	.020	2	2.55	.011	.07	<.1	.02	7.3	<.1	<.05	11	.7	30
HEC-B050	1.1	15.0	6.0	48	.1	13.2	7.7	339	3.07	6.1	.6	3.4	3.2	18	<.1	.6	.1	51	.29	.019	11	23.1	.36	334	.044	3	1.20	.009	.10	.1	.02	3.8	.1	<.05	4	<.5	30
STANDARD DS5	12.5	142.7	24.2	135	.3	24.8	11.6	775	3.00	17.5	5.8	42.7	2.8	45	5.7	3.8	6.0	60	.72	.087	11	177.5	.66	136	.095	17	2.00	.033	.14	4.9	.17	3.3	1.0	<.05	6	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL

Copper Ridge Exploration Inc. PROJECT SOUTH DAWSON FILE # A403262 Page 5

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEC-B100	1.0	28.8	31.4	46	.4	26.2	11.2	1321	2.46	8.3	1.3	2.1	2.8	39	.4	.7	.3	42	1.68	.073	15	23.5	.35	842	.030	4	1.11	.017	.06	.1	.04	4.0	<.1	<.05	4	1.1	15.0
HEC-B150	1.3	16.3	7.2	46	.1	9.1	7.2	858	2.49	7.5	.2	2.6	1.9	12	.1	.4	.2	61	.20	.039	5	18.3	.42	283	.029	2	1.23	.007	.07	.1	.03	2.5	.1	<.05	5	<.5	15.0
HEC-B200	.4	27.4	27.2	139	<.1	9.9	11.1	899	5.38	3.9	.9	.8	7.5	14	.1	.3	.2	45	.18	.028	20	26.9	1.31	272	.014	1	2.24	.008	.04	<.1	.01	7.4	<.1	<.05	13	.7	30.0
HEC-B250	1.0	15.0	39.9	73	.5	14.6	7.1	725	2.54	6.7	.3	2.5	2.3	18	.2	.5	.3	56	.23	.028	6	24.3	.42	320	.038	1	1.45	.008	.05	.1	.02	2.2	.1	<.05	5	<.5	30.0
HEC-B300	.9	16.5	14.6	49	<.1	18.6	7.9	226	2.42	11.8	.4	2.2	3.1	14	.1	.5	.2	58	.15	.011	9	31.1	.44	215	.052	1	1.41	.008	.04	.1	.01	2.7	.1	<.05	4	<.5	30.0
HEC-B350	.7	42.2	22.8	108	.1	40.8	20.1	670	4.56	10.7	1.3	1.6	14.4	45	.1	.4	.2	73	.70	.045	18	50.2	.95	287	.103	2	2.27	.008	.18	<.1	.03	5.8	.1	<.05	12	<.5	30.0
HEC-B400	1.0	29.0	153.5	98	.2	34.8	13.6	392	5.06	4.4	.9	.8	10.7	23	.2	.2	2.2	79	.31	.063	14	60.4	1.08	257	.197	1	2.91	.008	.63	.1	.02	5.8	.4	<.05	12	.5	30.0
HEC-B450	.5	40.6	95.6	62	.5	26.3	9.3	1138	2.56	5.7	.6	3.1	2.7	54	.2	.3	.8	52	1.09	.058	20	31.5	.52	308	.049	3	1.20	.018	.04	.1	.06	4.1	.1	<.05	4	.7	30.0
HEC-B500	1.1	13.8	39.8	52	.2	17.3	7.2	712	2.49	9.3	.3	1.6	2.3	11	.3	.4	.3	58	.12	.030	7	28.8	.37	213	.047	1	1.55	.008	.04	.1	.03	2.1	.1	<.05	5	<.5	30.0
HEC-B550	3.4	29.5	46.4	141	.1	22.5	6.7	527	3.28	7.8	1.0	5.1	2.0	30	.8	.3	.5	126	.24	.181	16	45.4	.59	291	.063	1	1.54	.013	.15	.1	.02	3.4	.2	<.05	7	.9	15.0
HEC-B600	.5	85.4	11.3	74	.1	33.6	13.7	768	3.35	3.1	.6	3.7	4.0	24	.1	.2	.2	62	.42	.073	32	39.3	1.40	401	.155	2	2.33	.010	.53	.1	.04	3.6	.2	<.05	8	<.5	15.0
HEC-B650	1.1	52.2	156.3	119	.2	18.9	12.8	1348	4.53	4.9	1.1	2.6	3.4	32	.3	.3	.8	149	.40	.071	18	25.0	1.70	780	.242	1	2.94	.014	1.07	.1	.03	10.3	.3	<.05	10	.5	30.0
HEC-B700	1.4	39.1	12.2	69	.1	66.9	18.8	432	5.23	3.7	1.2	2.2	5.7	32	.2	.2	.2	192	.47	.092	9	41.7	1.01	1696	.224	<1	2.34	.018	.61	.1	<.01	6.3	.2	<.05	10	.8	30.0
HEC-B750	.4	12.8	4.9	70	.1	8.4	8.7	339	3.14	4.3	.4	1.4	2.2	26	.1	.2	.1	42	.49	.114	5	15.8	.57	1196	.162	1	1.80	.015	.49	.1	.01	5.1	.1	<.05	6	<.5	15.0
RE HEC-B750	.4	13.8	5.1	76	.1	9.1	9.6	354	3.33	4.7	.4	.9	2.3	27	.1	.2	.1	44	.50	.112	6	16.4	.61	1204	.165	1	1.86	.015	.48	.1	.01	5.2	.1	<.05	7	<.5	15.0
HEC-B800	.5	27.3	6.5	126	.1	10.8	11.8	424	3.50	4.2	1.1	1.4	5.5	201	.3	.2	.1	65	.37	.055	18	27.5	.96	1643	.110	1	1.86	.022	.60	.1	.01	6.3	.1	<.05	7	.5	30.0
HEC-B850	.6	34.7	17.1	51	<.1	11.6	10.9	244	4.67	6.6	.5	1.3	3.1	29	.1	.2	.3	80	.45	.067	16	30.4	1.03	1115	.070	2	2.01	.017	.21	.1	.02	10.3	.1	<.05	9	.5	30.0
HEC-B900	.8	13.9	14.4	61	.1	16.2	10.0	506	2.80	7.3	.5	4.8	3.6	17	.1	.5	.2	56	.28	.048	11	27.7	.50	402	.060	2	1.43	.008	.26	.1	.02	6.3	.1	<.05	6	<.5	30.0
HEC-B950	.8	28.2	69.2	79	.2	20.8	12.8	649	3.41	7.5	.8	1.1	3.7	48	.1	.9	.6	93	.44	.043	12	41.7	.78	290	.080	1	2.08	.011	.09	.1	.01	7.0	.1	<.05	7	<.5	30.0
HEC-B1000	.9	15.8	7.6	51	.1	14.0	9.0	468	2.49	5.4	.3	2.4	2.0	19	.1	.3	.1	64	.35	.031	7	27.3	.60	287	.070	2	1.33	.011	.16	.1	.01	2.9	.1	<.05	5	<.5	30.0
HEC-B1050	.2	17.7	1.6	23	.1	6.3	1.7	440	.31	<.5	1.3	11.8	.1	55	.4	.2	<.1	7	3.81	.075	2	5.5	.09	494	.008	8	.28	.014	.01	<.1	.06	.5	<.1	.11	1	.8	7.5
HEC-B1100	.8	27.1	17.8	64	.1	19.9	13.9	591	3.54	6.2	.7	7.4	3.6	24	.1	.5	.2	84	.63	.053	13	30.6	.44	321	.020	2	1.38	.014	.04	.1	.04	9.7	<.1	<.05	5	.5	15.0
HEC-B1150	.6	31.7	29.9	70	.1	24.1	15.5	548	3.77	7.2	.7	1.8	3.5	43	.1	.6	.3	105	.52	.053	8	47.4	1.30	181	.130	1	2.09	.012	.04	.1	.01	6.0	<.1	<.05	8	.5	30.0
HEC-B1200	1.0	22.0	52.2	53	.8	20.4	9.9	395	2.97	8.5	.3	1.5	2.5	17	.1	.5	.5	75	.18	.024	8	33.3	.62	199	.072	1	1.87	.008	.05	.1	.02	3.1	.1	<.05	6	<.5	30.0
HEC-C000	1.8	42.8	27.4	98	.1	42.9	11.0	427	3.47	8.2	1.6	1.6	9.0	27	.2	.4	.2	91	.40	.077	26	52.0	1.01	494	.132	1	2.14	.015	.52	.1	.02	5.9	.3	<.05	8	1.1	30.0
HEC-C050	2.8	84.7	21.1	182	.1	32.4	19.6	626	5.52	126.3	1.5	1.4	5.5	119	.9	1.9	.1	216	.84	.068	17	48.1	1.24	770	.125	1	2.69	.017	.24	.1	.06	13.3	.2	<.05	11	1.2	30.0
HEC-C100	1.6	55.9	11.0	47	.1	21.8	12.1	561	3.13	12.7	1.3	5.4	3.7	38	.2	.5	.2	57	1.31	.059	26	31.0	.76	716	.021	4	1.41	.012	.06	.1	.05	3.6	<.1	<.05	5	.8	15.0
HEC-C150	.6	126.7	9.1	85	.1	11.3	24.8	858	5.04	3.6	.4	1.4	1.0	109	.1	.7	.1	149	1.23	.043	6	35.6	2.15	333	.103	2	3.22	.064	.04	.1	.03	17.4	<.1	<.05	8	.6	30.0
HEC-C200	3.2	43.1	103.8	73	.1	43.9	16.9	568	4.16	23.9	1.5	2.8	7.0	19	.2	2.0	1.4	77	.34	.052	14	32.7	.52	272	.015	1	1.77	.008	.11	.1	.05	6.5	.1	<.05	6	1.0	30.0
HEC-C250	1.0	31.8	7.7	105	.1	10.7	7.2	741	4.26	8.7	1.2	1.3	5.6	20	.1	.6	.3	36	.30	.036	10	16.5	.42	280	.021	2	1.53	.009	.11	.1	.02	8.1	.1	<.05	7	.6	15.0
HEC-C300	1.6	29.1	23.7	96	.2	28.7	15.6	751	4.46	25.3	1.1	1.4	8.9	20	.2	.5	.4	68	.38	.041	25	45.7	1.12	199	.036	1	2.20	.009	.13	.1	.03	7.7	.1	<.05	8	.5	30.0
HEC-C350	1.4	31.8	65.2	122	.2	32.9	14.8	893	4.18	16.0	1.5	1.1	15.8	36	.3	.5	.6	59	.59	.079	21	52.7	1.05	268	.025	3	1.88	.010	.13	.1	.02	6.6	.1	<.05	9	<.5	15.0
HEC-C400	.9	57.3	17.2	113	.1	47.9	19.5	584	4.00	25.1	.9	3.1	7.7	40	.2	.4	.2	92	.62	.053	23	73.6	.85	311	.121	3	2.05	.017	.10	.1	.03	8.6	.1	<.05	8	.7	15.0
HEC-C450	.9	31.7	11.1	82	.1	27.2	12.5	546	3.58	26.3	1.0	2.7	7.1	53	.1	.3	.1	74	.44	.034	15	48.0	.82	306	.123	2	1.93	.015	.27	.1	.03	6.4	.2	<.05	8	.6	15.0
STANDARD DS5	12.8	141.8	25.0	139	.3	24.5	11.9	784	3.02	17.8	6.2	44.7	2.7	45	5.7	4.0	6.3	59	.73	.095	11	180.3	.68	144	.092	17	2.04	.031	.14	4.8	.19	3.3	1.1	<.05	6	5.1	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEC-C500	1.1	24.1	23.5	78	.1	19.9	7.0	387	2.83	17.4	.5	1.0	3.8	16	.1	.5	.2	62	.17	.021	9	37.1	.48	211	.067	3	1.45	.010	.18	.1	.01	4.5	.1	<.05	6	.6	15.0
HEC-C550	10.0	73.6	12.0	265	.2	61.6	9.0	343	3.79	2.5	4.2	.5	7.2	85	.8	.2	.2	345	1.05	.282	33	151.9	1.08	262	.083	2	2.39	.010	.14	.1	.01	4.6	.2	<.05	9	4.3	30.0
HEC-C600	10.7	123.8	25.4	503	.3	129.6	28.1	766	5.30	4.2	3.8	<.5	4.5	35	3.2	.3	.3	403	.58	.149	29	84.0	1.28	314	.075	2	1.91	.007	.30	.2	.01	8.7	.4	<.05	8	3.0	30.0
HEC-C650	1.0	47.4	20.5	76	.1	33.6	12.1	424	3.22	8.8	1.0	3.0	4.6	37	.2	.4	.3	92	.45	.076	17	37.9	.79	390	.104	2	1.74	.016	.32	.2	.03	6.0	.2	<.05	6	<.5	30.0
HEC-C700	.8	40.8	8.9	73	.1	25.7	11.9	422	4.43	9.5	1.0	3.9	4.7	46	.1	.4	.1	86	.40	.042	18	29.4	1.29	1173	.150	2	2.41	.015	.45	.1	.03	9.2	.2	<.05	9	<.5	30.0
HEC-C750	.4	34.5	5.2	43	.1	8.2	12.1	305	4.97	4.4	.9	.5	3.0	61	<.1	.2	.1	103	.93	.178	10	11.1	.94	574	.120	2	2.74	.045	.47	.1	.01	9.3	.1	<.05	8	.5	30.0
HEC-C800	.5	28.1	57.2	56	.1	28.2	10.7	390	3.79	7.1	.9	3.1	5.9	54	.1	.4	.5	88	.49	.054	20	47.9	1.06	337	.080	3	1.83	.013	.14	.1	.02	7.0	.1	<.05	8	<.5	30.0
HEC-C850	.8	13.6	7.4	77	<.1	8.7	9.0	613	3.94	4.2	1.3	1.3	4.4	83	.1	.4	.1	40	.58	.078	18	12.0	1.29	285	.118	2	2.21	.011	.30	.1	.01	5.7	.1	<.05	10	<.5	30.0
HEC-C900	.4	41.4	10.4	52	<.1	23.1	11.4	418	2.96	6.8	.6	4.8	3.3	32	<.1	.5	.1	82	.53	.055	11	31.6	.87	275	.094	2	1.42	.022	.06	.1	.02	5.4	.1	<.05	5	<.5	30.0
HEC-C950	.7	86.5	5.0	80	.1	30.3	23.8	875	5.32	3.4	1.1	<.5	5.7	51	.1	.3	.1	161	.79	.132	17	68.5	2.40	527	.237	4	2.87	.017	.64	<.1	.01	8.4	.2	<.05	12	<.5	30.0
HEC-C1000	.4	89.9	4.1	99	.1	31.9	26.7	1097	6.02	5.6	1.3	2.0	3.5	115	.1	1.0	<.1	168	1.00	.098	13	59.3	2.92	399	.301	2	3.34	.013	.55	<.1	.02	7.3	.2	<.05	12	<.5	30.0
HEC-C1050	1.0	40.1	70.4	68	.2	15.5	14.2	1698	3.53	3.1	.6	.8	1.5	35	.2	.4	.5	86	1.34	.060	12	22.1	.37	522	.014	6	.99	.012	.10	.1	.03	9.8	.1	<.05	4	.8	15.0
HEC-C1100	.5	31.4	13.4	48	.2	24.4	10.6	444	2.59	8.9	.6	3.1	2.7	32	.1	.5	.2	59	.68	.061	14	30.1	.61	304	.053	2	1.34	.020	.04	.2	.05	4.7	<.1	<.05	4	.5	30.0
HEC-C1150	.5	79.5	64.8	88	.2	34.8	26.7	1160	5.75	5.1	.9	1.5	2.9	52	.2	.8	.4	155	.73	.066	15	60.0	1.63	318	.026	4	2.50	.012	.04	<.1	.04	17.1	<.1	<.05	10	.5	7.5
HEC-C1200	.4	40.0	7.8	61	.1	26.6	13.2	465	3.28	7.7	.7	2.5	3.8	30	.1	.4	.1	82	.56	.048	14	39.8	1.05	268	.072	2	1.70	.019	.07	.1	.05	7.4	.1	<.05	6	<.5	30.0
HEC-D000	.6	27.3	9.8	43	.1	18.4	7.6	253	2.53	7.6	.6	12.2	3.5	19	.1	.4	.1	58	.22	.023	12	27.4	.44	175	.056	2	1.57	.009	.04	.1	.02	3.3	.1	<.05	5	<.5	30.0
RE HEC-D250	.4	50.3	3.1	27	<.1	11.9	9.7	264	2.10	4.0	.3	.6	1.2	18	.1	.2	<.1	54	.35	.080	3	18.1	.33	75	.061	1	1.28	.024	.04	.1	<.01	2.8	<.1	<.05	4	<.5	15.0
HEC-D050	.9	64.5	14.6	47	.2	31.0	10.6	396	3.21	10.1	4.3	2.3	6.3	36	.1	.5	.3	73	.39	.037	38	38.7	.52	478	.067	2	2.09	.013	.04	.1	.06	8.1	.1	<.05	6	.9	15.0
HEC-D100	1.2	75.0	46.1	141	.2	42.4	12.7	428	4.53	17.6	2.8	9.7	15.1	24	.2	.4	.5	70	.42	.072	37	43.0	.88	217	.068	2	2.01	.009	.42	<.1	.03	5.2	.3	<.05	8	<.5	30.0
HEC-D150	.5	38.5	3.8	99	<.1	6.2	15.2	579	5.11	4.2	.3	.6	1.9	27	.1	.1	<.1	141	.65	.115	9	8.5	1.21	306	.197	1	2.65	.037	.60	.1	<.01	7.9	.2	<.05	10	<.5	30.0
HEC-D200	.8	52.6	9.1	121	<.1	19.3	12.4	424	3.47	6.2	1.0	2.9	5.8	59	.1	.3	.2	82	.40	.023	17	27.6	.80	222	.065	1	2.09	.025	.04	.1	.02	5.4	.1	<.05	6	<.5	30.0
HEC-D250	.4	53.6	3.0	27	<.1	12.2	10.2	281	2.22	4.4	.2	.7	1.3	18	.1	.2	.1	58	.39	.090	3	19.1	.35	82	.064	1	1.36	.025	.04	.1	.01	3.1	<.1	<.05	4	<.5	30.0
HEC-D300	.3	30.4	11.0	53	<.1	13.9	12.1	453	3.45	2.8	.7	1.6	2.8	85	<.1	.2	.1	83	1.05	.076	11	27.2	.84	235	.153	2	2.47	.028	.18	.1	.02	6.9	.1	<.05	10	<.5	30.0
HEC-D350	.4	23.5	10.5	48	<.1	9.0	12.1	362	2.63	1.4	.6	.6	3.1	37	<.1	.1	.1	61	.55	.082	16	21.6	.73	115	.070	<1	1.66	.035	.04	.1	.01	4.2	<.1	<.05	6	<.5	30.0
HEC-D400	.2	38.5	2.1	34	<.1	14.3	12.0	260	1.98	1.8	.3	.7	1.8	95	<.1	.2	<.1	53	.65	.057	7	29.8	.87	153	.102	1	1.65	.029	.13	.1	<.01	3.7	.1	<.05	4	<.5	30.0
HEC-D450	.5	32.1	3.9	40	<.1	15.5	12.1	252	2.92	5.1	.3	.8	2.2	33	<.1	.2	.1	82	.30	.062	6	29.1	1.11	182	.145	1	2.32	.017	.17	.4	<.01	3.0	.1	<.05	6	<.5	30.0
HEC-D500	.1	40.5	4.3	31	<.1	10.3	10.5	234	1.99	1.6	.3	1.6	1.9	154	<.1	.1	<.1	59	.60	.056	5	19.2	.85	148	.085	1	1.70	.038	.05	.2	<.01	3.6	<.1	<.05	5	<.5	30.0
HEC-D550	.2	75.1	3.3	32	<.1	13.1	15.2	278	1.98	2.0	.2	1.5	1.2	62	<.1	.1	<.1	60	.73	.136	7	28.3	.84	144	.088	1	1.47	.036	.05	<.1	.01	4.6	<.1	<.05	4	<.5	30.0
HEC-D600	.7	41.7	8.4	55	<.1	25.3	11.4	363	2.96	9.0	.7	3.2	4.6	33	<.1	.6	.2	70	.40	.033	16	38.7	.66	266	.093	3	1.78	.024	.06	.1	.04	6.3	.1	<.05	5	<.5	30.0
HEC-D650	.2	19.5	6.3	31	<.1	32.0	13.4	197	1.75	2.5	.1	.5	.4	24	<.1	.1	.1	57	.42	.034	1	72.3	1.29	93	.102	1	1.59	.024	.13	<.1	<.01	2.9	.1	<.05	4	<.5	30.0
HEC-D700	.2	65.3	2.9	41	<.1	26.2	19.2	371	3.21	2.9	.4	2.4	1.3	29	.1	.2	<.1	111	.77	.072	5	51.1	1.79	175	.093	1	1.96	.034	.09	.1	.01	9.9	.1	<.05	5	<.5	30.0
HEC-D750	.5	23.8	5.5	35	.1	13.0	8.9	225	2.30	4.5	.3	1.0	2.5	25	<.1	.3	.1	63	.30	.027	9	24.9	.73	173	.094	2	1.60	.014	.05	.1	.01	2.3	.1	<.05	5	<.5	30.0
HEC-D800	.6	26.3	5.4	41	<.1	18.6	10.0	282	2.69	6.3	.4	1.1	3.2	36	.1	.3	.1	67	.23	.017	11	32.4	.77	168	.092	2	1.74	.013	.04	.1	.02	3.2	.1	<.05	5	<.5	30.0
HEC-D850	.6	25.5	5.9	44	.1	20.6	10.7	384	2.98	8.9	.4	1.3	2.7	22	.1	.4	.1	74	.33	.052	8	36.1	.66	174	.082	2	1.95	.017	.05	.1	.02	3.8	.1	<.05	6	<.5	30.0
STANDARD DS5	12.3	141.6	25.5	138	.3	25.2	11.8	781	3.09	18.3	6.1	42.2	2.7	44	5.4	3.9	6.2	62	.74	.089	11	182.4	.68	135	.091	16	2.04	.031	.13	5.1	.20	3.3	1.0	<.05	6	5.1	30.0

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEC-D900	.8	47.5	6.8	68	.1	14.3	15.9	814	3.51	6.4	.6	1.4	2.6	17	.1	.3	.1	81	.27	.088	14	27.5	.57	193	.078	1	1.77	.018	.06	.1	.02	3.4	.1	<.05	7	.5	30
HEC-D950	.8	49.0	5.2	45	.1	18.7	10.5	228	2.64	7.7	.5	1.6	2.4	30	.1	.3	.1	65	.28	.035	8	29.9	.54	142	.079	1	1.84	.020	.03	.1	.01	3.4	.1	<.05	5	<.5	30
HEC-D1000	1.2	93.3	4.5	108	<.1	18.4	21.9	439	6.64	3.8	.8	<.5	1.9	139	.2	.2	.9	150	.64	.092	14	32.3	.56	157	.107	<1	2.05	.035	.07	<.1	.01	8.7	.1	<.05	9	1.0	30
HEC-D1050	.8	28.8	5.3	76	<.1	10.8	14.6	467	4.22	6.5	.4	.6	1.9	15	.1	.3	.1	120	.34	.087	6	15.4	1.03	275	.165	1	2.18	.018	.51	.1	.01	4.6	.2	<.05	8	<.5	30
HEC-D1100	12.5	198.0	38.4	152	.2	26.9	10.1	468	3.29	8.0	2.6	10.0	5.4	30	.1	.4	.8	87	.60	.107	20	39.9	1.60	213	.108	<1	2.15	.014	.25	.1	.03	6.7	.3	<.05	10	.7	30
HEC-D1150	1.8	39.0	15.1	65	.1	11.2	5.5	316	2.73	7.8	.9	1.2	6.5	30	.1	.4	.4	51	.16	.020	15	20.5	.42	167	.067	<1	1.47	.010	.07	.1	.02	2.7	.1	<.05	5	.5	30
HEC-D1200	.7	21.4	8.3	44	.1	13.3	8.1	292	2.24	7.1	.8	2.0	3.9	20	.1	.4	.1	50	.19	.018	12	25.0	.36	133	.057	<1	1.29	.009	.03	.1	.02	3.0	.1	<.05	4	<.5	30
HEC-D1250	1.5	27.2	8.7	45	.1	4.6	3.4	138	2.59	4.8	1.4	<.5	6.3	36	<.1	.2	.1	49	.10	.024	18	9.2	.40	107	.081	<1	1.31	.013	.21	<.1	.01	2.4	.2	.10	6	<.5	30
HED-A000	.4	14.1	11.1	45	<.1	11.8	6.2	201	2.43	4.3	.7	1.4	2.5	24	<.1	.3	.1	33	.28	.012	16	19.3	.45	230	.044	1	1.43	.009	.06	.1	.02	4.5	<.1	<.05	5	.5	30
HED-A100	.4	15.6	15.2	83	<.1	20.9	6.8	238	3.06	4.1	.9	1.0	3.8	27	<.1	.4	.1	45	.34	.016	19	42.7	.56	388	.053	1	1.48	.011	.10	<.1	.02	6.4	.1	<.05	7	.5	30
HED-A200	.4	10.3	13.3	57	<.1	8.9	5.4	375	2.78	2.9	.8	.7	2.8	18	.1	.2	.1	34	.30	.029	14	13.5	.49	247	.078	1	1.29	.016	.23	<.1	.01	4.0	.1	<.05	6	<.5	30
HED-A300	.7	14.1	11.0	49	.1	13.8	7.1	276	2.76	7.6	1.0	1.7	3.9	21	<.1	.4	.2	52	.27	.041	16	29.2	.40	369	.038	1	1.47	.009	.04	.1	.04	4.7	.1	<.05	5	<.5	15
HED-A400	.4	16.2	15.4	197	<.1	9.2	5.1	419	3.76	2.4	.7	<.5	2.8	28	.1	.3	.1	36	.39	.043	28	10.0	.72	797	.065	1	1.75	.009	.29	<.1	.01	7.1	.1	<.05	8	<.5	30
HED-A500	.7	8.7	7.0	26	<.1	7.6	5.7	180	1.91	4.7	.4	<.5	1.9	9	<.1	.8	.1	24	.11	.013	5	11.6	.16	207	.005	3	1.21	.005	.05	.1	.02	3.4	.1	<.05	3	<.5	30
HED-A600	.8	19.7	9.6	44	<.1	17.0	7.6	230	2.53	8.1	1.0	2.5	4.0	21	<.1	.5	.2	53	.23	.014	16	31.4	.41	293	.061	2	1.49	.011	.03	.1	.03	5.5	.1	<.05	5	<.5	30
HED-A700	1.0	18.5	8.9	48	<.1	18.6	9.5	301	2.72	9.4	1.2	2.5	5.3	15	.1	.6	.2	60	.15	.013	16	41.8	.44	235	.063	2	1.74	.009	.03	.1	.02	5.4	.1	<.05	5	.5	30
HED-A800	1.0	31.1	9.4	54	<.1	24.3	9.5	267	2.89	9.1	.7	2.8	4.4	22	.1	.6	.2	66	.25	.011	16	42.2	.47	333	.067	1	1.76	.014	.03	.1	.05	6.3	.1	<.05	5	<.5	15
RE HEC-D950	.8	47.4	5.5	46	.1	18.2	10.0	220	2.59	7.4	.5	1.8	2.3	30	.1	.3	.1	62	.28	.035	8	28.5	.51	138	.070	2	1.80	.019	.03	.1	.01	3.3	.1	<.05	5	<.5	15
HED-A900	.7	15.6	9.5	55	<.1	13.9	8.7	272	2.84	6.6	.7	1.4	4.3	18	<.1	.5	.1	48	.19	.013	18	25.9	.44	304	.033	<1	1.59	.008	.03	.1	.02	6.0	.1	<.05	6	<.5	30
HED-A1000	.5	15.1	12.0	57	<.1	10.0	10.1	429	3.17	3.7	.6	1.0	5.2	20	.1	.3	.1	70	.32	.022	22	15.7	.66	488	.077	1	1.72	.017	.09	<.1	.02	5.6	.1	<.05	7	<.5	30
HED-A1100	.7	56.1	20.2	85	<.1	12.1	6.8	397	4.26	8.1	.4	.5	5.3	12	.1	.4	.2	38	.12	.020	11	19.3	.36	451	.055	1	2.03	.008	.13	<.1	.01	6.5	.1	<.05	9	.5	30
HED-A1200	1.1	17.5	9.8	108	<.1	13.0	11.6	820	5.01	6.8	.8	1.6	5.7	9	.1	.6	.1	42	.11	.035	9	21.4	.41	422	.076	2	1.92	.009	.32	<.1	.03	10.4	.1	<.05	8	.6	30
HED-A1300	.8	21.4	20.9	54	.1	19.7	9.7	273	2.82	9.1	.6	2.7	4.6	14	.1	.6	.2	55	.15	.015	15	31.5	.44	358	.057	1	1.67	.008	.05	.1	.02	3.6	.1	<.05	5	.5	30
HED-A1400	.6	21.4	7.0	47	<.1	12.2	5.2	213	2.73	6.4	.5	1.6	3.8	7	.1	.4	.1	36	.09	.016	9	19.6	.37	150	.062	2	1.40	.008	.09	.1	.01	4.0	.1	<.05	7	<.5	30
HED-A1500	.9	16.2	9.2	37	.1	17.5	7.4	168	2.72	9.5	.5	2.1	2.8	15	.1	.5	.2	62	.19	.023	10	31.4	.37	225	.046	1	1.70	.007	.03	.1	.01	2.8	.1	<.05	5	<.5	30
HED-A1600	.6	17.3	5.1	69	.1	13.0	12.7	413	5.09	6.5	.5	.9	3.6	32	<.1	.8	.1	99	.44	.046	9	22.1	1.07	882	.173	2	2.52	.013	.33	.1	.01	4.8	.1	<.05	8	<.5	30
HED-A1700	1.2	77.5	8.7	90	.1	17.4	16.6	983	6.00	24.0	1.3	<.5	3.5	35	.1	.7	.2	147	.63	.055	13	45.8	.96	449	.007	1	2.57	.012	.05	<.1	.06	20.3	.1	<.05	11	.6	15
HED-A1800	.9	47.0	7.7	183	<.1	18.7	10.8	535	3.67	10.0	.5	1.4	4.7	17	.2	.6	.1	85	.32	.042	7	34.4	.68	305	.074	1	1.92	.013	.13	.1	.02	6.0	.1	<.05	7	.5	30
HED-A1900	1.0	12.4	8.6	143	.1	17.0	7.8	463	2.71	6.5	.3	<.5	2.4	20	.1	.4	.2	58	.30	.030	8	27.8	.41	275	.049	1	1.69	.008	.06	.1	.02	3.3	.1	<.05	6	<.5	30
HED-A2000	1.1	24.5	9.2	64	.1	27.8	10.1	812	3.40	9.9	.8	1.9	4.0	16	.1	.6	.2	72	.20	.020	13	39.2	.45	350	.044	1	1.96	.008	.04	.1	.03	5.9	.1	<.05	6	.5	30
HED-A2100	.8	24.1	9.2	74	.1	16.5	9.8	554	3.07	7.2	.5	1.6	4.2	22	.1	.5	.1	57	.27	.024	9	26.9	.49	411	.067	1	1.83	.007	.19	.1	.01	3.2	.1	<.05	6	<.5	30
HED-A2200	.7	16.2	12.1	75	.1	17.3	9.7	600	3.04	6.8	.5	2.3	2.9	20	.1	.5	.2	62	.27	.028	8	30.4	.54	358	.076	1	1.77	.008	.14	.1	.01	2.8	.1	<.05	6	<.5	15
HED-A2300	1.1	23.1	46.3	67	.1	28.6	11.3	503	3.66	64.9	.9	.6	11.7	17	.1	.6	.5	66	.23	.030	18	50.0	.77	294	.125	1	2.08	.007	.48	.1	.02	5.7	.2	<.05	8	.6	30
HED-A2400	.6	72.0	7.4	79	<.1	24.1	17.0	736	4.30	9.5	.5	<.5	4.2	25	.1	.6	.1	94	.58	.040	12	38.2	.89	539	.051	1	2.07	.021	.17	<.1	.03	8.9	.1	<.05	7	.6	15
STANDARD DS5	12.3	141.8	24.9	136	.3	24.5	12.0	783	3.05	18.0	6.2	43.6	2.7	45	5.6	4.0	6.0	61	.73	.089	11	190.7	.65	135	.092	17	2.02	.031	.13	5.2	.18	3.6	1.1	<.05	7	4.7	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HED-A2500	.6	26.1	5.5	54	<.1	14.2	13.7	387	3.58	6.1	.4	.8	3.1	17	.1	.4	.1	129	.39	.023	8	18.6	.76	237	.122	2	1.92	.034	.06	.1	.01	4.9	.1	<.05	6	<.5	30
HED-A2600	.9	20.5	14.7	101	.1	14.6	9.5	794	3.76	8.0	.7	1.7	4.4	28	.2	.5	.2	66	.46	.032	9	22.4	.62	364	.130	2	1.85	.022	.17	.1	.01	6.6	.1	<.05	8	.6	30
HED-A2700	.7	14.4	7.5	49	<.1	18.2	8.4	393	2.40	7.0	.5	1.6	3.5	19	.1	.5	.2	54	.25	.017	11	30.0	.40	328	.049	2	1.43	.009	.05	.1	.01	3.6	.1	<.05	5	<.5	30
HED-B000	.2	67.5	7.8	87	<.1	9.8	14.1	654	3.50	2.0	.2	1.9	.8	20	.1	.1	.1	100	.44	.022	2	23.3	1.20	170	.102	1	2.04	.071	.29	<.1	<.01	9.5	.1	<.05	6	<.5	30
HED-B100	.5	33.5	17.8	246	.1	6.5	5.8	743	4.23	3.8	.4	<.5	2.8	44	.2	.2	.1	32	.10	.018	9	11.5	.66	303	.211	<1	2.13	.008	.87	.1	<.01	13.1	.3	<.05	10	<.5	30
HED-B200	.4	27.2	22.4	95	.1	11.4	7.1	744	3.76	4.1	1.1	10.3	4.1	73	.1	.2	.2	63	.39	.048	24	18.3	.66	271	.089	2	1.78	.019	.31	<.1	.03	11.9	.1	<.05	10	.5	10
HED-B300	.3	37.2	9.6	87	<.1	9.1	8.6	720	3.64	3.9	.8	.5	4.0	47	.1	.2	.1	56	.46	.036	17	16.3	.68	230	.138	2	1.62	.023	.43	<.1	.01	10.1	.1	<.05	7	.5	30
HED-B400	.7	67.0	17.9	92	.1	13.0	12.5	687	3.33	5.3	.6	1.1	3.0	33	.2	.3	.4	69	.29	.031	7	25.7	.64	337	.118	2	1.66	.016	.38	<.1	.01	4.0	.1	<.05	6	.7	30
HED-B500	.9	26.2	41.4	115	.2	23.5	18.2	580	4.93	3.3	.7	1.1	8.1	123	.1	.1	.2	103	.32	.042	14	27.2	1.54	477	.340	2	3.37	.012	1.42	.1	.01	9.1	.6	<.05	13	.5	30
HED-B600	.5	28.4	6.2	97	.1	33.3	13.9	494	4.90	3.2	1.5	<.5	18.0	35	.1	.1	.2	71	.26	.055	20	51.8	1.31	418	.288	2	3.15	.010	1.49	.1	<.01	6.8	.6	<.05	11	.5	30
HED-B700	1.0	19.5	22.3	90	.3	23.0	13.6	786	2.72	6.4	.5	.7	4.1	36	.9	.3	.2	58	.34	.053	10	33.1	.55	297	.085	2	1.72	.011	.23	.1	.02	3.5	.2	<.05	6	.5	30
HED-B800	1.1	92.9	46.2	86	.1	27.2	16.8	651	3.20	146.8	.8	<.5	2.6	72	.3	.9	.3	70	.31	.056	7	42.3	.83	303	.075	3	1.78	.008	.32	.1	.01	6.0	.2	<.05	8	1.0	30
HED-B900	2.6	85.8	82.4	353	.3	39.8	17.6	1013	4.89	4.2	1.1	<.5	7.4	26	1.8	.2	.5	112	.38	.112	20	68.1	1.63	781	.159	2	2.54	.012	.81	<.1	.01	9.0	.5	<.05	13	1.2	30
HED-B1000	1.7	36.8	130.7	56	.3	13.4	11.2	599	3.76	5.7	.9	<.5	3.6	28	.2	.4	.6	50	.31	.064	12	22.3	.64	512	.105	2	1.78	.011	.37	.1	.01	7.0	.2	<.05	7	1.1	30
HED-B1100	.7	13.2	10.7	62	.1	20.0	10.7	451	2.96	5.2	.5	.5	3.5	44	.1	.4	.1	92	.23	.034	9	31.9	.80	586	.121	2	1.83	.011	.43	.1	.01	5.6	.1	<.05	7	<.5	15
RE HED-B1600	.4	41.4	3.9	69	<.1	24.9	22.5	761	3.99	3.5	.4	1.2	1.9	39	<.1	.3	<.1	115	.65	.069	8	31.4	1.79	279	.088	2	2.40	.013	.42	<.1	.02	7.5	.1	<.05	8	<.5	15
HED-B1200	.4	37.9	2.5	46	<.1	14.9	14.1	565	3.04	3.3	.7	.9	2.4	31	<.1	.2	.1	93	.49	.097	7	29.8	1.09	398	.139	1	1.86	.026	.58	.1	.01	7.5	.1	<.05	6	<.5	30
HED-C000	.3	8.4	2.0	24	<.1	7.1	9.6	292	3.18	2.3	.4	<.5	1.9	18	<.1	.1	<.1	70	.85	.213	15	14.0	.89	132	.077	2	1.45	.049	.08	.1	.01	6.4	.1	<.05	6	<.5	30
HED-C100	.8	28.6	3.8	100	<.1	15.7	12.0	669	3.54	4.2	.5	1.4	1.8	24	.1	.1	.1	97	.50	.025	12	27.7	1.57	205	.093	1	2.27	.057	.13	<.1	.01	7.8	.1	<.05	6	.8	15
HED-C200	.7	47.9	27.9	73	.2	29.8	9.8	735	2.14	17.3	1.8	1.5	4.4	345	.3	.7	.3	48	13.64	.087	20	21.9	1.23	170	.033	2	1.09	.012	.03	.2	.04	4.9	.2	<.05	4	.7	30
HED-C300	.2	50.1	48.2	55	.1	24.0	10.0	603	1.74	4.1	.6	.8	6.7	10	.1	.1	.6	34	.45	.037	13	15.1	1.38	110	.069	2	1.39	.005	.28	<.1	.02	2.9	.4	<.05	5	<.5	15
HED-C400	1.4	388.3	16.5	148	.1	98.6	21.9	716	4.13	10.4	.9	1.8	5.6	18	.3	.4	.3	133	.49	.022	18	89.6	1.32	201	.117	1	2.24	.041	.18	<.1	.04	15.3	.2	<.05	8	.5	30
HED-C500	4.5	820.0	10.5	87	.1	6.6	11.1	478	6.71	1.9	1.0	2.2	2.0	47	.1	.1	<.1	185	.30	.048	6	9.0	1.88	645	.234	1	2.99	.016	1.54	<.1	.02	7.0	.4	<.05	10	2.3	30
HED-C600	.3	70.2	3.9	80	<.1	4.9	14.4	640	3.37	1.3	1.0	2.1	2.5	59	<.1	.1	<.1	62	.44	.037	18	7.8	1.21	145	.101	1	2.18	.009	.47	<.1	.01	2.6	.2	<.05	7	<.5	30
HED-C700	.9	457.1	5.4	93	<.1	10.5	14.4	458	3.85	2.8	1.1	2.3	4.7	46	.1	.2	.1	85	.32	.019	9	15.0	1.09	205	.141	1	2.08	.010	.60	<.1	.01	4.2	.2	<.05	7	.8	30
STANDARD DS5	12.4	143.4	23.7	132	.3	24.4	11.8	781	3.02	17.6	5.8	44.9	2.7	44	5.7	3.8	6.1	61	.71	.091	11	183.9	.66	137	.093	17	2.05	.032	.13	4.8	.17	3.2	1.0	<.05	6	5.1	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HED-C800	.4	182.5	9.1	124	.1	10.2	11.2	550	3.55	5.1	1.1	1.7	11.4	53	.1	.3	.1	85	.39	.061	17	15.9	1.21	217	.150	1	1.98	.010	.93	.1	.04	5.0	.3	<.05	7	<.5	30
HED-C900	.7	50.1	12.6	84	.1	20.4	8.1	410	2.43	6.6	1.2	2.8	3.5	23	.1	.3	.2	50	.31	.027	12	26.4	.60	228	.072	1	1.39	.011	.07	.1	.03	5.3	.2	<.05	5	.6	30
HED-C1000	1.3	83.7	5.3	228	<.1	15.2	18.2	961	6.51	2.7	2.1	3.0	2.3	116	.2	.2	.2	153	.44	.071	14	18.7	1.60	434	.142	1	2.49	.048	.31	<.1	.03	13.4	.1	.18	10	1.0	30
HED-C1100	.8	193.3	1.4	51	<.1	18.8	12.3	474	5.27	2.2	1.1	1.6	4.3	35	<.1	.1	.1	111	.63	.140	21	42.8	1.13	246	.120	1	2.15	.038	.33	<.1	.02	10.6	.1	<.05	9	.9	30
HED-C1200	.3	27.8	6.1	29	<.1	19.4	8.7	239	1.95	3.2	.3	<.5	2.5	15	<.1	.2	.1	50	.23	.034	6	42.5	.78	88	.106	1	1.32	.014	.12	.1	.01	2.9	.1	<.05	4	<.5	30
HED-C1300	.2	149.8	3.9	29	<.1	20.7	15.8	289	2.22	1.9	.2	.9	.7	25	<.1	.1	<.1	85	.56	.055	4	29.2	1.22	106	.112	1	1.37	.031	.15	.2	.01	7.7	.1	<.05	3	<.5	30
HED-C1400	.2	68.1	5.0	46	<.1	10.3	14.4	528	3.13	1.6	.2	1.0	1.9	52	<.1	.1	<.1	96	.98	.179	8	15.0	1.22	227	.132	1	2.01	.071	.19	.1	.01	6.3	.1	<.05	6	<.5	30
HED-C1500	.1	118.4	1.4	31	<.1	23.6	17.1	328	2.10	3.1	.1	.6	.8	30	<.1	.1	<.1	70	.99	.191	4	32.4	1.41	186	.107	<1	1.50	.074	.14	<.1	.01	6.8	.1	<.05	4	<.5	30
HED-C1600	.2	49.3	2.0	54	<.1	13.1	18.4	521	3.63	7.1	.4	1.4	2.0	52	<.1	.2	<.1	126	.88	.098	9	21.2	1.53	237	.204	<1	2.02	.061	.31	.1	.01	8.1	.2	<.05	7	<.5	30
HED-C1700	.5	29.9	17.2	53	.1	22.1	10.3	359	3.04	5.5	.5	.8	2.6	41	.1	.3	.2	79	.52	.076	8	52.5	.92	196	.132	1	1.61	.026	.18	.1	.02	4.9	.1	<.05	7	<.5	30
HED-C1800	.5	31.1	9.0	50	.1	16.1	12.4	352	3.01	4.3	.4	1.4	1.6	49	.1	.2	.1	88	.57	.085	7	30.4	.83	222	.114	1	1.65	.023	.12	.1	.03	4.9	.1	<.05	6	<.5	30
HED-C1900	.7	26.4	6.4	52	<.1	15.3	9.5	373	2.75	4.9	.8	1.1	3.3	26	.1	.3	.1	56	.46	.063	11	24.0	.63	237	.106	1	1.41	.024	.16	.1	.03	5.7	.1	<.05	5	<.5	15
HED-C2000	1.0	25.8	6.9	70	.1	15.1	8.7	539	2.97	5.0	1.0	1.4	6.1	51	.1	.3	.1	55	.40	.044	26	25.4	.61	230	.113	2	1.41	.020	.24	.1	.02	6.4	.1	<.05	5	<.5	15
HED-C2100	1.0	30.4	8.7	75	.1	19.1	10.1	613	3.14	5.6	.7	2.2	5.4	52	.1	.3	.1	55	.38	.040	19	25.8	.73	248	.140	3	1.61	.021	.33	.1	.02	6.6	.2	<.05	6	<.5	15
HED-C2200	.7	22.5	6.7	110	.1	11.0	7.4	1019	3.05	5.4	.9	1.4	4.1	25	.1	.3	.1	42	.23	.039	14	20.1	.49	260	.120	2	1.40	.010	.41	<.1	.02	8.4	.1	<.05	6	<.5	30
HED-C2300	.7	23.2	4.5	79	<.1	10.2	5.0	485	3.05	5.8	.9	.6	4.0	18	.1	.3	.1	33	.18	.027	20	16.7	.38	156	.071	<1	1.32	.008	.28	.1	.03	8.1	.1	<.05	6	<.5	30
HED-C2400	3.2	32.9	8.3	93	.2	15.7	7.7	721	2.55	4.3	9.6	6.3	1.7	256	.2	.3	.1	45	1.64	.049	13	20.0	.57	502	.074	8	1.10	.023	.18	.1	.03	5.7	.1	.15	4	1.7	15
RE HED-D1300	.9	16.1	7.4	65	.1	15.3	7.2	441	2.88	7.4	.5	.9	3.4	16	.1	.4	.1	54	.19	.025	10	25.9	.52	234	.102	1	1.53	.008	.26	.1	.02	5.6	.1	<.05	6	<.5	15
HED-D000	.4	40.0	5.4	50	<.1	21.5	13.3	394	2.77	4.6	.9	2.1	3.9	68	.1	.3	.1	84	.93	.048	14	34.7	1.12	159	.136	1	2.01	.042	.08	.1	.02	11.0	.1	<.05	6	<.5	30
HED-D100	.6	15.2	8.5	60	<.1	13.6	7.6	197	2.37	7.2	.6	1.3	3.5	20	<.1	.4	.1	48	.16	.024	8	26.5	.45	124	.059	2	1.64	.007	.09	.1	.02	2.4	.1	<.05	5	<.5	30
HED-D200	.6	41.1	3.8	43	<.1	20.7	13.2	347	2.97	5.4	.4	.7	3.2	17	<.1	.3	.1	83	.29	.027	13	42.0	.95	167	.139	1	1.85	.018	.07	.1	.01	4.4	.1	<.05	6	<.5	30
HED-D300	.4	32.0	6.7	111	.1	19.6	14.4	653	4.17	9.8	.5	.7	2.8	36	.1	.4	.1	104	.43	.047	11	34.7	1.06	237	.163	1	2.46	.013	.14	.1	.02	5.7	.1	<.05	10	<.5	30
HED-D400	1.1	24.5	9.2	59	.1	26.8	9.8	512	2.97	12.6	.5	3.7	4.4	20	.1	.6	.2	70	.20	.024	12	42.1	.55	240	.081	1	1.96	.009	.07	.1	.01	4.1	.1	<.05	6	<.5	30
HED-D500	.9	17.2	12.9	70	.1	7.8	9.3	457	3.79	5.6	.4	.7	1.4	20	.1	.2	.2	81	.41	.066	6	10.4	.77	130	.104	1	2.07	.029	.14	<.1	.01	7.2	.1	<.05	9	<.5	30
HED-D600	3.7	24.5	10.1	73	.1	17.3	9.3	409	3.28	26.0	1.3	2.4	7.3	21	.1	.6	.2	51	.24	.025	20	32.2	.50	228	.061	1	1.56	.010	.09	.1	.02	7.4	.1	<.05	6	<.5	30
HED-D700	1.0	18.1	11.1	58	<.1	18.5	7.6	412	2.81	10.2	.6	2.0	3.8	17	.1	.6	.2	62	.14	.022	10	37.5	.46	203	.065	1	1.75	.007	.06	.1	.02	3.4	.1	<.05	5	<.5	30
HED-D800	.7	21.1	12.1	101	.1	13.4	6.8	409	3.02	5.7	.8	.7	5.6	15	.1	.3	.1	45	.13	.020	12	21.8	.48	203	.054	2	2.05	.007	.17	<.1	.01	3.5	.2	<.05	7	<.5	30
HED-D900	1.0	12.7	5.7	84	.1	10.6	5.5	795	2.88	8.2	.5	61.7	2.9	16	.1	.3	.1	33	.18	.034	8	18.3	.42	260	.102	1	1.49	.007	.30	.1	.01	8.9	.1	<.05	6	<.5	30
HED-D1000	1.1	67.2	7.5	124	.1	11.9	10.8	900	5.58	6.5	.8	.7	5.2	21	.1	.3	.1	132	.20	.030	10	23.4	1.07	475	.262	1	2.77	.016	.85	<.1	.01	11.0	.4	<.05	11	.8	30
HED-D1100	.5	47.0	6.4	69	.1	14.3	11.9	280	3.47	4.4	.4	.9	1.8	48	<.1	.2	.1	72	.44	.041	6	24.7	.78	542	.160	2	2.61	.035	.32	.1	.01	3.8	.2	<.05	6	<.5	30
HED-D1200	.5	28.1	6.8	68	.1	17.1	6.8	506	2.48	6.0	1.3	1.6	12.9	14	.1	.2	.2	45	.19	.017	28	24.0	.49	164	.094	1	1.48	.008	.38	.1	.02	3.9	.3	<.05	5	<.5	30
HED-D1300	1.0	14.8	7.1	63	.1	15.3	7.1	439	2.83	7.2	.5	1.7	3.6	16	.1	.4	.1	54	.20	.025	11	26.9	.55	233	.107	1	1.58	.009	.25	.1	.01	5.6	.1	<.05	6	<.5	30
HED-D1400	.7	19.2	7.5	101	.1	13.4	7.7	452	3.41	5.9	.8	1.0	4.2	17	.1	.4	.1	45	.20	.019	10	20.4	.41	253	.069	1	1.53	.008	.24	.1	.02	6.3	.1	<.05	7	<.5	30
HED-D1500	.4	43.8	8.2	109	.1	10.6	9.1	407	4.19	4.8	.4	2.0	2.2	59	.1	.2	.1	83	.73	.030	6	17.8	.55	278	.133	1	2.47	.015	.34	<.1	.02	5.3	.1	<.05	9	<.5	30
STANDARD DS5	12.4	144.9	25.0	140	.3	25.2	12.1	784	3.01	17.8	6.2	43.0	2.8	46	5.6	3.6	6.1	61	.73	.090	11	193.7	.67	139	.104	17	1.98	.034	.14	4.9	.18	3.4	1.1	<.05	7	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HED-D1600	.7	31.8	16.1	246	.1	5.4	5.5	467	5.85	2.5	.6	<.5	9.0	14	.1	.1	.1	51	.34	.095	42	7.3	1.06	309	.238	2	2.51	.008	.75	.1	.01	9.0	.4	<.05	13	<.5	30
HED-D2200	.9	16.4	7.8	49	.1	18.4	8.7	440	2.32	7.9	.4	1.6	3.1	17	.1	.4	.1	50	.18	.033	10	31.1	.44	281	.049	2	1.32	.008	.08	.1	.01	3.6	.1	<.05	4	<.5	15
HED-D2300	.8	23.6	6.5	44	.1	15.6	9.4	557	2.38	5.7	.5	2.1	5.1	19	.1	.3	.1	56	.26	.028	11	30.5	.70	279	.065	2	1.44	.010	.11	.1	.02	3.6	.1	<.05	5	<.5	30
HED-D2400	.9	26.8	8.4	76	.1	20.9	11.7	387	3.32	8.2	.7	1.1	5.2	20	.1	.4	.2	73	.22	.037	11	39.0	.74	256	.070	1	2.05	.007	.18	.1	.01	4.1	.1	<.05	7	<.5	15
HED-D2500	.8	24.5	9.7	53	<.1	21.3	8.5	235	2.64	10.5	.6	4.3	4.1	16	<.1	.6	.2	57	.16	.019	10	38.8	.52	217	.072	1	1.64	.008	.10	.1	.02	4.3	.1	<.05	5	<.5	30
HED-D2600	.5	190.1	4.1	46	.1	16.7	14.4	331	2.95	4.5	.3	4.5	2.3	44	.1	.2	.1	89	.76	.040	5	35.0	1.18	318	.159	2	2.15	.034	.23	.1	.01	5.5	.1	<.05	5	<.5	30
HEN-A000	.1	31.0	5.1	53	<.1	8.8	10.8	378	2.95	2.8	.4	.8	1.4	157	.1	.4	<.1	70	1.91	.124	6	17.0	.78	62	.129	1	2.90	.030	.11	.1	.01	6.6	<.1	<.05	9	<.5	30
HEN-A050	.1	31.7	1.6	38	<.1	8.3	10.9	363	3.02	3.1	.2	8.7	.6	94	<.1	.2	<.1	103	1.28	.147	3	11.3	.66	115	.128	1	1.99	.075	.08	.1	<.01	6.9	<.1	<.05	6	<.5	30
HEN-A100	.2	9.2	2.6	41	<.1	18.0	10.4	399	2.35	1.9	.1	<.5	.4	67	<.1	.1	<.1	63	.75	.066	1	52.4	1.02	141	.103	1	1.75	.051	.07	<.1	.01	5.0	.1	<.05	5	<.5	30
HEN-A150	.1	54.8	3.9	41	<.1	10.8	11.5	367	2.94	2.1	.2	1.2	.5	68	.1	.4	<.1	89	1.02	.090	2	22.5	.84	56	.112	1	1.51	.077	.06	.1	.01	7.7	<.1	<.05	5	<.5	30
HEN-A200	.4	27.9	4.2	51	.1	11.4	12.9	307	3.12	6.5	.3	.8	1.8	47	.1	.4	.1	96	.57	.062	7	16.7	.67	153	.111	2	1.53	.036	.06	.1	.01	4.9	<.1	<.05	5	<.5	30
HEN-A250	.4	33.0	7.4	44	<.1	16.9	11.0	356	2.67	3.7	.4	.9	1.5	75	<.1	.3	.1	77	.60	.070	7	31.7	.77	152	.112	1	1.52	.032	.04	.1	.02	5.0	.1	<.05	5	<.5	30
HEN-A300	.2	38.6	4.2	94	<.1	25.1	29.7	1002	5.42	5.2	.8	1.9	.9	73	.1	1.1	<.1	200	1.41	.094	8	17.4	1.89	224	.282	2	2.73	.077	.14	.1	.01	11.7	<.1	<.05	10	<.5	30
HEN-A350	.7	45.7	9.8	36	.1	13.4	11.4	259	2.96	15.6	.3	.8	1.7	32	<.1	.3	.2	72	.51	.094	6	26.2	.61	139	.090	1	1.33	.023	.09	.1	.01	3.5	.1	<.05	5	<.5	30
HEN-A400	.4	36.8	10.7	73	.1	22.4	19.2	588	3.94	6.5	.5	1.6	2.1	55	.1	1.3	.1	119	1.08	.083	10	39.9	1.10	138	.125	2	2.10	.091	.07	.1	.02	9.7	<.1	<.05	7	<.5	30
HEN-A450	.6	41.1	8.4	58	.1	16.3	16.0	407	3.52	4.9	.4	.5	2.1	45	.1	.8	.1	90	.69	.091	7	25.9	.72	188	.106	1	1.88	.038	.13	.1	.01	6.1	<.1	<.05	7	<.5	30
HEN-A500	.1	38.0	1.4	35	<.1	9.2	11.6	534	3.49	2.9	.3	.8	.8	72	<.1	.2	<.1	107	1.58	.160	5	10.8	.91	107	.102	<1	1.86	.130	.08	.1	.01	9.9	<.1	<.05	6	<.5	30
HEN-A550	.5	35.3	5.2	31	<.1	40.2	12.8	218	2.75	9.9	.5	8.8	2.2	21	<.1	.3	.1	58	.62	.142	9	50.9	.55	120	.068	1	1.39	.030	.09	.1	<.01	4.7	<.1	<.05	5	<.5	15
HEN-A600	.5	25.2	14.4	48	.1	17.8	12.6	415	3.03	4.7	.5	.7	2.9	34	.1	.3	.2	78	.62	.107	10	37.8	.60	233	.102	1	1.82	.031	.14	.1	.01	6.1	.1	<.05	7	<.5	30
HEN-A650	.6	23.3	12.1	51	.1	18.4	12.0	437	3.44	7.6	.7	1.9	2.8	44	.1	.4	.2	97	.83	.104	11	31.4	.72	167	.131	2	1.92	.031	.15	.1	.02	7.9	.1	<.05	7	<.5	15
HEN-A700	.6	45.5	11.5	95	.1	23.9	15.7	543	3.17	6.1	.5	1.8	2.4	44	.1	.4	.1	82	.77	.078	9	51.4	.73	196	.109	2	1.69	.067	.12	.1	.02	7.8	.1	<.05	6	<.5	30
HEN-A750	.6	48.3	13.1	109	.1	16.9	18.2	1116	4.94	6.5	.8	4.5	3.1	67	.1	.6	.1	128	.99	.084	14	23.9	1.41	197	.127	2	2.19	.025	.14	.1	.08	10.2	.1	<.05	10	<.5	30
HEN-A800	1.6	41.3	9.6	64	.2	29.0	10.9	542	2.79	48.9	1.0	4.0	4.2	83	.2	.8	.2	61	4.54	.088	16	32.0	1.14	296	.085	3	1.25	.028	.11	.3	.03	4.5	.1	<.05	5	.5	30
HEN-A850	2.0	34.7	18.2	79	.2	24.1	11.5	1191	4.37	389.0	1.1	2.8	4.1	36	.2	2.9	.6	64	.56	.076	14	40.3	.61	382	.060	3	2.05	.011	.25	.1	.07	6.9	.2	<.05	7	<.5	30
HEN-A900	1.3	26.2	4.5	75	.1	16.5	6.9	221	7.49	21.3	1.0	3.2	10.3	16	.1	.3	.2	27	.21	.028	26	14.1	.89	323	.152	1	2.70	.008	.72	.1	.03	5.3	.5	<.05	8	<.5	30
STANDARD DS5	12.4	146.0	24.6	139	.3	25.4	11.9	787	3.06	17.8	6.2	43.0	2.9	46	5.9	3.9	6.2	63	.72	.091	11	190.9	.67	139	.099	17	1.96	.032	.14	5.2	.17	3.4	1.1	<.05	7	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEN-A950	.9	32.1	9.8	62	.2	19.9	11.3	1031	3.84	8.7	.8	33.2	4.4	28	.1	.3	.3	60	1.99	.180	21	21.8	2.27	184	.130	2	1.77	.016	.51	.2	.03	6.2	.3	<.05	6	.5	30
HEN-A1000	.9	65.4	2.9	65	.1	41.2	28.0	430	4.77	4.4	.8	.7	1.6	16	.1	.2	.1	124	.46	.084	11	43.8	1.24	381	.290	1	1.95	.021	1.08	<.1	.01	4.7	.4	.08	8	.7	30
HEN-A1050	2.4	52.3	9.7	109	.1	56.8	13.5	545	3.47	24.5	1.2	<.5	6.2	22	.2	.4	.3	100	.44	.063	25	52.1	1.09	288	.119	2	2.03	.016	.44	.1	.03	6.4	.3	<.05	7	.8	30
HEN-A1100	11.0	185.6	13.1	596	.3	119.0	13.1	831	5.32	96.1	6.6	2.3	5.8	27	3.1	.9	.2	445	.46	.128	36	65.7	1.18	350	.104	1	2.03	.010	.46	<.1	.05	8.3	.4	<.05	8	2.9	15
HEN-A1150	2.9	65.1	8.4	177	.4	69.0	16.5	694	4.13	59.2	1.5	1.6	4.9	29	.4	.5	.2	152	.60	.092	18	63.6	1.47	490	.154	2	2.22	.015	.45	.1	.03	8.8	.4	<.05	8	1.1	30
HEN-A1200	.5	76.0	6.7	32	.3	32.6	9.2	441	1.45	10.3	1.7	7.1	1.7	142	.2	.5	.2	29	9.22	.089	15	20.8	.90	110	.034	16	.78	.010	.05	.1	.12	1.6	.1	<.05	3	1.0	30
HEN-B000	.3	36.0	11.5	54	.1	12.5	11.9	327	2.62	4.5	.4	163.5	1.8	56	.1	.3	.1	73	.66	.105	9	21.8	.62	172	.096	<1	1.34	.038	.05	.1	.01	4.3	.1	<.05	5	<.5	30
HEN-B050	.2	81.2	4.5	55	<.1	12.0	15.9	545	4.18	14.6	.7	1.6	1.1	56	.1	.6	.1	87	1.44	.301	6	16.2	.82	153	.092	1	1.82	.088	.07	.1	.01	8.6	<.1	<.05	8	.5	30
HEN-B100	.3	69.5	6.0	49	<.1	16.1	13.3	436	4.42	24.0	.6	1.8	1.8	100	.1	.6	.1	105	1.19	.124	9	27.2	.83	203	.124	1	2.17	.059	.08	.1	.02	9.1	<.1	<.05	8	<.5	30
HEN-B150	.4	45.6	5.0	43	<.1	20.5	12.0	370	3.23	13.8	.9	1.3	3.3	60	<.1	.5	.1	81	.93	.094	12	35.4	.70	192	.121	1	1.87	.052	.06	<.1	.02	8.0	<.1	<.05	6	<.5	30
HEN-B200	.3	59.8	2.0	23	<.1	15.0	19.0	389	3.10	8.7	.5	1.3	3.3	101	<.1	.4	<.1	96	.99	.123	12	35.1	.76	134	.122	1	1.55	.067	.07	.1	<.01	6.7	<.1	<.05	6	<.5	30
HEN-B250	.1	62.1	1.6	30	<.1	13.4	19.1	507	4.47	4.7	.8	1.1	5.4	152	<.1	.4	.1	120	1.57	.159	15	16.1	1.13	158	.199	2	2.32	.103	.11	.1	.01	11.1	<.1	<.05	10	<.5	30
HEN-B300	.4	43.2	7.9	32	<.1	16.9	14.4	325	3.37	5.2	.5	1.1	2.0	63	<.1	.8	.1	96	.90	.092	10	33.0	.89	161	.142	1	1.79	.048	.05	.1	.01	6.9	<.1	<.05	6	.5	30
HEN-B350	.5	12.5	10.5	29	<.1	7.1	10.0	289	2.67	3.4	.5	1.0	1.3	43	.1	.2	.1	71	.43	.093	9	17.3	.48	174	.098	1	1.42	.028	.05	.1	.01	3.4	.1	<.05	8	<.5	30
HEN-B400	.3	23.3	3.6	23	<.1	11.8	12.5	304	2.85	3.7	.4	<.5	1.9	24	.1	.2	<.1	77	.80	.166	11	21.1	.71	150	.135	1	1.47	.051	.07	.1	.01	4.6	.1	<.05	6	<.5	30
HEN-B450	.4	128.2	6.5	32	<.1	21.2	12.1	299	2.70	3.7	.4	<.5	1.6	43	<.1	.3	.1	78	.51	.057	11	37.3	.83	241	.088	<1	1.63	.034	.04	.1	<.01	5.0	.1	<.05	6	<.5	30
HEN-B500	.3	19.6	2.2	18	<.1	24.5	7.2	144	1.38	3.1	.1	<.5	.7	65	<.1	.2	<.1	38	.42	.029	3	104.1	.61	116	.058	<1	1.29	.013	.05	.1	.01	3.1	<.1	<.05	3	<.5	30
HEN-B550	.4	11.9	17.0	48	.1	18.2	10.4	445	2.18	4.2	.4	<.5	1.9	39	.1	.2	.2	60	.58	.078	6	39.7	.62	169	.068	1	1.35	.035	.04	.1	<.01	4.4	<.1	<.05	4	<.5	30
RE HEN-B500	.2	20.4	2.4	18	<.1	25.1	7.2	144	1.39	3.3	.1	<.5	.7	65	<.1	.2	<.1	37	.41	.029	3	106.0	.61	120	.056	1	1.29	.013	.05	<.1	<.01	2.9	<.1	<.05	3	<.5	15
HEN-B600	.9	49.4	6.9	81	.1	19.5	12.1	584	3.77	8.5	.5	<.5	3.3	47	.2	.3	.1	80	.75	.101	10	34.7	.76	248	.104	2	2.14	.029	.06	.1	.01	4.9	.1	<.05	8	<.5	15
HEN-B650	.7	33.0	8.3	90	.1	20.7	14.0	713	3.63	8.5	.5	4.3	2.0	34	.2	.5	.1	83	1.06	.080	11	28.8	.73	175	.043	2	1.50	.023	.05	.1	.05	7.1	<.1	<.05	6	.5	30
HEN-B700	.9	60.0	62.3	265	.4	17.7	11.1	785	3.09	6.9	.7	1.1	6.6	24	.6	.4	.4	63	.25	.048	19	29.8	.60	292	.071	1	1.90	.008	.19	.1	.04	3.8	.1	<.05	7	.5	30
HEN-B750	.7	29.8	18.2	86	.1	66.4	30.7	1095	4.39	8.4	1.0	.6	13.4	14	<.1	.2	.5	93	.30	.067	52	51.6	1.57	207	.214	1	2.85	.010	1.32	.1	.01	9.3	.4	<.05	11	<.5	30
HEN-B800	1.2	22.7	8.2	72	.1	21.8	11.9	345	2.28	17.9	.6	1.2	3.4	14	.2	.4	.8	48	.17	.032	10	27.5	.44	167	.049	2	1.38	.006	.05	.1	.01	4.0	.1	<.05	4	<.5	15
HEN-B850	2.1	46.7	7.0	92	.2	14.8	6.5	456	2.53	4.9	1.3	.5	5.0	24	.2	.2	.2	80	.26	.055	13	44.7	.91	320	.116	2	1.66	.012	.52	.1	.01	2.9	.4	.06	5	1.4	15
HEN-B900	6.1	41.8	11.9	102	.3	14.0	4.1	492	3.88	2.8	3.4	<.5	4.1	77	.2	.2	.3	358	.79	.239	18	84.0	1.41	325	.174	1	2.15	.020	.33	.1	.01	10.4	.2	.44	8	4.6	30
HEN-B950	2.1	89.5	9.8	82	.1	43.6	23.7	878	4.21	16.3	.8	<.5	16.2	17	.1	.3	.4	61	.34	.094	38	37.2	1.07	228	.152	1	2.33	.009	.78	.1	.01	3.3	.3	<.05	8	.9	30
HEN-B1000	3.9	141.6	8.3	597	.1	305.6	41.2	494	6.88	14.3	5.9	1.8	5.7	46	.9	.3	.4	169	.70	.079	46	166.5	1.62	1228	.127	2	3.64	.017	.30	<.1	.03	14.4	.4	<.05	13	2.0	15
HEN-B1050	1.4	39.6	10.7	113	.1	35.5	11.4	348	2.94	24.8	1.2	3.6	4.4	27	.5	.6	.2	95	.37	.033	18	50.6	.70	342	.112	<1	1.78	.013	.08	.1	.04	5.7	.1	<.05	5	.5	30
HEN-B1100	2.9	48.5	14.8	152	.1	53.5	12.3	313	3.43	47.8	1.4	.5	5.5	20	.5	1.7	.2	149	.33	.068	18	63.2	.80	223	.100	1	2.19	.009	.16	.1	.02	4.0	.2	<.05	8	.8	30
HEN-B1150	.9	28.4	6.9	82	<.1	17.6	10.4	558	3.43	9.4	1.1	1.9	6.2	48	.1	.3	.1	88	.63	.107	37	31.3	1.06	265	.135	1	1.93	.012	.33	.1	.03	5.6	.2	<.05	8	.5	15
HEN-B1200	2.4	89.4	5.2	60	<.1	26.5	14.1	635	3.58	9.1	1.3	1.8	11.8	24	<.1	.2	<.1	66	.45	.045	34	56.7	1.12	346	.067	2	2.02	.012	.31	<.1	.04	7.3	.1	<.05	8	<.5	10
HEN-C000	.6	62.3	4.7	32	<.1	17.3	16.1	242	3.55	77.4	.3	<.5	1.5	76	.1	.4	.1	96	1.03	.104	5	26.0	.80	134	.157	1	2.63	.041	.08	.1	.02	5.0	.1	<.05	9	<.5	30
HEN-C050	1.0	31.5	5.8	38	<.1	14.5	12.5	345	3.08	9.8	.4	<.5	1.6	56	.1	.4	.1	87	.89	.118	8	33.1	.74	110	.127	1	1.95	.045	.06	.1	.02	5.1	<.1	<.05	7	<.5	30
STANDARD DS5	12.6	142.2	24.3	136	.3	24.8	11.9	790	3.01	17.5	6.2	41.8	2.7	47	5.4	3.6	6.1	62	.72	.089	13	185.2	.68	136	.102	16	1.95	.032	.15	4.6	.18	3.4	1.0	<.05	6	4.9	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEN-C100	.4	32.3	3.8	32	<.1	13.0	12.4	330	3.14	6.1	.4	1.3	2.2	86	.1	.6	.1	86	1.03	.099	9	25.4	.80	107	.134	<1	2.03	.050	.06	.1	.01	5.5	.1	<.05	8	<.5	30
HEN-C150	.5	25.2	10.7	40	<.1	13.4	10.1	272	2.60	7.2	.9	2.0	3.5	41	.1	.3	.2	67	.52	.061	14	28.1	.56	178	.089	<1	1.62	.020	.04	.1	.04	5.2	.1	<.05	6	<.5	30
HEN-C200	.4	38.9	5.4	34	<.1	15.3	14.5	327	3.76	5.9	.5	1.3	2.5	72	<.1	.7	.1	103	1.05	.098	9	37.1	.84	121	.157	<1	2.07	.053	.06	.1	.01	6.5	<.1	<.05	8	<.5	30
HEN-C250	.5	29.5	7.1	42	.1	15.4	9.1	196	2.82	7.1	.8	2.6	2.5	38	.1	.4	.1	72	.57	.061	13	28.4	.57	165	.094	1	1.89	.024	.04	.1	.04	5.7	.1	<.05	6	<.5	30
HEN-C300	.7	32.0	7.7	60	.1	24.9	10.9	440	2.52	9.3	.6	5.3	3.7	31	.2	.6	.2	56	.56	.074	14	28.8	.56	275	.072	1	1.27	.024	.05	.2	.03	3.9	.1	<.05	4	<.5	30
HEN-C350	.7	49.9	11.4	52	.2	15.1	11.5	281	3.35	3.8	.6	.8	1.8	45	.1	.3	.1	91	.82	.081	8	33.8	.73	143	.118	1	1.89	.054	.05	.1	.03	6.8	.1	<.05	7	.5	30
HEN-C400	.5	28.9	8.5	41	<.1	13.0	11.2	277	2.74	5.7	.4	1.1	1.9	42	.1	.3	.1	72	.66	.082	8	29.3	.60	135	.099	1	1.56	.038	.06	.1	.01	4.5	<.1	<.05	6	<.5	30
HEN-C450	.6	45.2	11.6	71	.1	17.6	11.7	456	3.35	6.2	.8	2.1	3.8	28	.1	.5	.2	83	.56	.055	17	31.8	.67	201	.105	1	1.81	.023	.08	.1	.05	7.1	.1	<.05	7	<.5	30
HEN-C500	.8	14.9	16.3	121	<.1	7.4	7.4	629	4.72	3.8	.5	1.4	2.2	13	.1	.3	.2	75	.25	.046	6	15.7	.81	132	.143	1	2.28	.011	.27	.1	.02	8.9	.2	<.05	12	<.5	30
HEN-C550	.6	22.0	30.7	81	<.1	12.3	10.3	498	3.62	5.2	.8	3.9	3.8	23	.1	.3	.3	74	.46	.065	24	23.4	.60	203	.105	1	1.83	.019	.10	.1	.02	8.7	.1	<.05	8	<.5	30
HEN-C600	.8	39.7	15.2	81	.1	18.4	10.2	449	3.19	7.3	1.1	2.4	3.9	27	.1	.5	.2	74	.42	.050	15	30.1	.61	250	.097	1	1.71	.020	.06	.1	.05	7.0	.1	<.05	6	.6	30
HEN-C650	.8	52.4	17.3	143	.1	25.5	11.4	395	3.13	9.8	1.3	4.6	5.6	26	.4	.4	.3	65	.33	.034	19	42.9	.68	266	.097	1	1.79	.015	.19	.1	.03	6.0	.2	<.05	6	.6	30
HEN-C700	2.0	43.9	17.1	103	.1	27.3	13.5	439	3.73	11.8	1.6	.7	9.3	29	.1	.4	.3	66	.31	.066	23	38.9	.75	428	.092	1	1.88	.015	.33	.1	.02	6.9	.4	<.05	6	.7	30
HEN-C750	1.6	51.6	9.6	78	.1	52.6	19.3	695	3.78	16.2	1.0	<.5	9.0	17	.1	.2	.4	69	.35	.074	26	38.5	1.17	188	.191	1	2.78	.011	.69	.1	.01	4.4	.4	<.05	9	<.5	30
HEN-C800	2.6	47.8	10.3	142	.1	41.1	13.4	425	3.40	19.8	1.6	1.2	4.9	20	.2	.4	.3	113	.32	.052	20	55.4	.97	315	.134	<1	2.20	.011	.28	.1	.01	6.0	.3	<.05	8	.6	30
HEN-C850	2.4	36.0	10.0	93	.1	29.4	12.3	456	2.86	12.6	1.2	3.8	4.2	24	.4	.5	.3	79	.37	.073	17	36.1	.61	262	.091	1	1.83	.015	.09	.2	.03	4.2	.1	<.05	6	.9	30
RE HEN-C800	2.6	46.5	10.3	137	.1	40.2	13.5	417	3.25	20.4	1.5	1.2	4.9	21	.2	.4	.3	111	.33	.052	19	55.2	.91	319	.135	1	2.21	.011	.28	.1	.02	6.1	.3	<.05	8	.7	30
HEN-C900	2.5	45.6	9.1	110	.1	36.0	11.5	418	3.10	14.9	2.0	1.1	3.9	27	.4	.6	.3	95	.43	.074	18	47.8	.73	304	.112	1	1.98	.017	.18	.1	.02	4.8	.2	<.05	7	.7	30
HEN-C950	1.4	24.4	7.7	76	.1	23.1	7.5	249	2.48	9.2	1.0	3.4	3.5	25	.2	.5	.2	62	.37	.053	15	35.5	.58	232	.087	1	1.60	.015	.08	.2	.03	3.6	.1	<.05	6	.6	30
HEN-C1000	1.3	32.4	7.6	72	.1	27.8	10.8	484	2.73	8.7	2.4	2.6	3.9	36	.3	.6	.1	73	.62	.074	16	34.3	.57	380	.082	1	1.51	.020	.06	.1	.04	4.2	.1	<.05	5	.8	30
HEN-C1050	.8	29.2	7.6	63	.1	23.6	10.1	322	2.45	8.7	1.0	2.9	3.6	37	.2	.7	.2	57	.76	.064	14	29.3	.60	264	.079	2	1.32	.027	.07	.2	.03	3.8	.1	<.05	4	.9	30
HEN-C1100	.9	22.4	7.1	57	.1	20.9	9.4	352	2.36	8.0	.9	4.1	3.5	33	.2	.6	.1	57	.63	.062	13	28.8	.52	272	.074	1	1.35	.022	.05	.2	.03	3.5	.1	<.05	4	.7	30
HEN-C1150	.9	23.6	7.8	72	.1	23.1	11.1	397	2.63	8.5	.9	2.4	3.3	32	.4	.5	.2	58	.61	.075	12	30.4	.64	269	.076	2	1.43	.022	.08	.2	.03	4.0	.1	<.05	5	.7	30
HEN-C1200	.9	21.7	7.5	70	.1	21.3	10.4	556	2.51	11.1	.9	3.7	3.7	31	.2	.6	.1	58	.71	.069	15	28.3	.55	273	.079	2	1.39	.018	.10	.2	.03	3.6	.1	<.05	4	.6	30
HEN-D000	.1	18.1	2.0	94	<.1	12.0	8.6	808	3.70	2.8	.6	<.5	2.4	55	.1	.3	<.1	55	.82	.174	16	28.0	.92	155	.125	1	1.66	.014	.21	<.1	.01	13.9	<.1	<.05	10	.5	30
HEN-D100	.3	32.7	3.1	145	<.1	9.7	11.1	787	5.44	1.4	.8	<.5	4.8	21	.1	.3	.1	100	.66	.151	21	23.5	1.34	211	.107	<1	2.22	.016	.23	<.1	.02	17.6	.1	<.05	11	.8	30
HEN-D200	.2	73.8	5.3	73	<.1	11.3	20.5	593	4.90	1.5	.2	<.5	.3	39	<.1	.3	<.1	156	.91	.151	2	7.6	1.12	102	.183	1	2.03	.037	.15	<.1	<.01	8.4	.1	<.05	7	<.5	30
HEN-D300	.2	11.6	14.5	134	<.1	5.3	2.4	1354	4.17	2.7	1.4	<.5	4.3	83	.2	.4	.1	16	.96	.042	19	5.1	.77	127	.234	2	2.19	.008	.15	.1	.02	13.6	<.1	<.05	17	.7	30
HEN-D400	.2	57.5	3.9	82	<.1	16.0	17.5	546	4.26	3.4	.4	1.5	1.4	35	.1	.3	<.1	117	1.39	.245	8	14.6	1.22	195	.165	<1	2.19	.067	.21	.1	<.01	8.3	.1	<.05	8	<.5	30
HEN-D500	.3	30.0	3.4	76	<.1	5.5	14.2	419	5.29	3.1	.6	.7	1.4	18	.1	.2	<.1	134	1.20	.398	8	5.8	1.17	182	.107	<1	1.81	.030	.12	<.1	<.01	8.9	.1	<.05	9	<.5	30
HEN-D600	.7	20.5	9.7	120	.1	7.3	2.7	492	11.80	1.1	.3	.8	.5	178	<.1	.2	.7	338	.28	.070	8	19.2	1.67	56	.101	<1	3.09	.296	1.02	<.1	.01	25.0	.2	1.89	14	6.7	30
HEN-D700	.8	29.4	8.5	58	<.1	10.1	9.4	1730	3.59	3.4	.5	2.2	4.2	19	.1	.3	.1	35	.34	.038	13	13.4	.80	358	.051	1	1.88	.004	.36	<.1	.05	12.0	.2	<.05	7	.5	30
HEN-D800	.5	14.9	6.6	108	<.1	5.6	6.0	723	3.53	3.4	1.0	.7	11.2	9	<.1	.4	.1	17	.16	.034	11	8.9	.52	198	.109	2	1.57	.006	.49	.1	.01	6.9	.3	<.05	9	<.5	30
HEN-D900	.5	37.4	28.0	158	<.1	12.5	7.8	1041	4.97	3.3	.7	1.9	3.4	16	.1	.3	.2	47	.31	.028	19	16.2	.84	313	.082	2	2.18	.008	.43	<.1	.02	14.5	.2	<.05	11	.6	30
STANDARD DS5	12.5	141.2	23.9	136	.3	24.7	11.9	761	3.07	17.8	6.1	44.6	2.9	46	5.6	3.9	6.0	62	.77	.093	12	186.2	.68	139	.097	16	2.12	.036	.14	4.7	.15	3.5	1.1	<.05	7	5.0	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
HEN-D1000	.7	16.0	53.7	110	<.1	9.6	8.6	889	3.75	4.7	.8	.6	4.8	15	.1	.2	.7	56	.29	.029	15	14.9	1.58	320	.139	1	2.28	.008	.58	.1	<.01	9.2	.2	<.05	11	<.5	30
HEN-D1100	.9	26.6	6.7	160	<.1	12.7	31.0	1276	6.96	3.8	.4	<.5	1.5	26	.2	.7	.1	262	.92	.040	5	15.6	1.39	272	.281	1	2.43	.040	.10	.1	.01	17.7	<.1	<.05	14	.5	30
HEN-D1200	1.7	72.0	4.6	146	<.1	11.5	9.5	728	4.82	6.9	.7	1.4	2.3	19	.1	.3	.2	47	.24	.027	9	20.5	1.05	411	.090	1	2.20	.012	.34	<.1	.01	9.7	.1	<.05	9	.8	30
HEN-D1300	.7	56.7	3.8	82	<.1	21.7	19.9	729	4.70	5.0	.5	<.5	2.7	51	.1	.4	.1	165	.93	.106	11	25.8	1.28	248	.114	1	2.67	.056	.11	.1	.01	10.1	.1	<.05	9	.5	30
HEN-D1400	.6	33.1	2.3	145	<.1	14.7	8.3	1017	4.65	4.2	.8	<.5	3.6	18	.1	.3	<.1	50	.29	.032	13	24.4	.97	314	.081	1	1.94	.007	.22	.1	<.01	18.3	.1	<.05	13	<.5	30
HEN-D1500	.6	39.5	4.4	85	.1	11.4	17.9	673	5.08	4.0	1.1	1.4	2.9	26	.1	.3	.1	151	.88	.145	12	11.6	1.30	353	.177	1	2.48	.028	.67	.1	.01	9.2	.1	<.05	9	<.5	30
HEN-D1600	.7	37.3	38.3	130	<.1	8.8	15.0	788	5.62	5.4	.8	1.4	2.7	20	.1	.3	.2	71	.96	.261	17	6.9	1.24	218	.094	1	2.02	.019	.21	<.1	.01	10.7	.1	<.05	12	.5	30
HEN-D1700	1.6	86.8	5.7	71	.1	13.9	13.7	500	3.63	3.2	.5	1.6	1.5	27	<.1	.3	.1	65	.48	.026	6	18.9	.86	159	.120	<1	1.64	.012	.24	<.1	.01	4.2	.1	<.05	6	.7	30
HEN-D1800	.8	31.8	9.6	83	.1	25.9	10.3	434	2.64	9.6	.6	1.7	3.2	29	.2	.7	.2	51	.57	.056	14	28.5	.54	274	.063	1	1.32	.020	.06	.2	.03	4.0	.1	<.05	4	.5	30
HEN-D1900	.7	39.5	9.2	73	.1	23.5	11.3	513	3.33	8.2	.7	5.5	3.4	34	.1	.5	.2	68	.74	.068	13	27.0	.68	274	.086	<1	1.66	.025	.07	.2	.04	5.9	.1	<.05	6	<.5	30
HEN-D2000	.9	22.3	7.9	51	<.1	19.6	8.6	266	2.46	10.9	.6	<.5	6.1	21	.1	.5	.2	52	.35	.039	10	26.9	.44	238	.062	<1	1.46	.011	.11	.1	.01	4.7	.1	<.05	4	<.5	30
STANDARD DS5	12.5	145.7	24.1	139	.3	24.4	12.1	781	3.06	19.0	6.1	44.0	2.8	45	5.6	4.0	6.0	61	.78	.090	12	184.1	.66	140	.095	17	2.08	.032	.14	5.1	.17	3.5	1.0	<.05	7	5.0	30

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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APPENDIX II

Rock Sample Descriptions and Location Data

ABBREVIATION CODES											
MINERALS		ROCKS/MODIFIERS		TEXTURES/HABIT		ALTERATION		COLOUR		STRUCTURE	
ACT	actinolite	AND	andesite	ACI	acicular	ADA	advanced argillic	bf	buff	AP	axial plane
ALU	alunite	ASH	ash	ALL	allotriomorphic	ARG	argillic	bk	black	BED	bed
AMP	amphibole	BAS	basalt	APH	aphanitic	BIO	biotite	bl	blue	BXA	breccia
ARS	arsenopyrite	BLK	block	BLA	bladed	BLE	bleached	bn	brown	CLE	cleavage
AUZ	auzurite	CSI	calc-silicate	BLY	blebby	ENV	envelope	gn	green	CON	contact
BAR	barite	DAC	dacite	BOT	botryoidal	LEA	leached	gy	grey	DYK	dyke
BIO	biotite	DIO	diorite	BOX	boxwork	OX	oxidized	or	orange	FA	fold axis
BRO	brocantite	EPC	epiclastic	CAC	caca de mosque	PER	pervasive	pk	pink	FLT	fault
CAL	calcite	FEL	felsic	COA	coating	PHL	phyllic	pu	purple	FOL	foliation
CDY	chalcedony	GAB	gabbro	COC	cockade	POT	potassic	rd	red	FRA	fracture
CHL	chlorite	GNE	gneiss	COM	comb	PRO	propyllitic	ta	tan	FW	foot wall
CPY	chalcopyrite	GRD	granodiorite	DEN	dendritic	SCA	scapolitized	wh	white	HW	hanging wall
CRCO	chysocolla	GRN	granite	DIS	disseminated	SEL	selvage	yw	yellow	JOI	joint
DIP	diopside	GRT	grit	DRU	drusy	SER	sericitic			LIN	lineation
EPI	epidote	HFL	hornfels	ENC	encrusting	SF	silica flooded			LS	landsat
FEL	feldspar	INT	intermediate	EQI	equigranular	SIL	silicification	lt	light	STK	stockwork
GAL	galena	LAP	lapilli	EU	euhedral	SOD	sodic	dk	dark	STR	stringer
GAR	garnet	LST	limestone	FIL	film	STN	stain			THR	thrust
GOE	goethite	MAF	mafic	FOS	fossiliferous			LEU	leucocratic	VN	vein
GYP	gypsum	MBL/MAR	marble	HYP	hypidiomorphic			MES	mesocratic	VNLT	veinlet
HBL	hornblende	MNZ	monzonite	MAM	mammalian			MEL	melanocratic		
HEM	hematite	PEG	pegmatite	MAS	massive						
JAR	jarosite	PHY	phyllite	MOT	mottled						
JAS	jasper	QTE	quartzite	OPH	olphitic			MISC			
KAO	kaolinite	RHDC	rhyodacite	OPS	open space			tr	trace		
LIM	limonite	RHY	rhyolite	POR	porphyritic			tn	thin		
MAG	magnetite	SCH	schist	RAD	radiating			med	medium		
MAL	malachite	SYE	syenite	SPO	spotted			tk	thick		
MAR	martite	SYMZ	syeno-monzonite	TAB	tabular			wk	weak		
MOL	molybdenite	TUF	tuff	UND	undifferentiated			mod	moderate		
MUK	mushketovite	VN	vein	VES	vesicular			stg	strong		
MUS	muscovite	VNLT	veinlet	VUG	vuggy			ORG	organics		
ONX	onyx	VOL	volcanic	XLN	crystalline			o/c	outcrop		
PHG/PHL	phlogopite							s/c	subcrop		
POO	pyrrhotite										
PY	pyrite										
QTZ	quartz			FIG	fine grained						
SIA	silica			MEG	medium grained						
SPEC	specularite			COG	coarse grained						
SPH	sphalerite										
SX	sulphide										
TAL	talc										
TOU	tourmaline										
TQS	turquiose										

ROCK SAMPLES - HEN Claims

Station Number	Target Area	Sample Number	Date d/m/y	Utm Nad 27 Alaska, Zone 7		Elevation (m)	Sample Type	Width (m) (size)	Outcrop Size (m)	Characteristics
STATION	AREA	SMPL	DATE	EASTING	NORTHING	ELEV	SMP TYPE	WIDTH	SIZE	WEATHERING
RZ-2	Nice Ck	**RZ-2**	17/06/2004	576528	7033306	753	chip	1	small	blocky, angular
RZ-3	Nice Ck	**RZ-3**	17/06/2004	576584	7033275	744	chip	1		irregular
RZ-11	Hoorah Area	**RZ-11**	19/06/2004	581360	7029439	689	float	0.1x0.1x0.05		
RZ-14	Hoorah Area	**RZ-14**	19/06/2004	581961	7028959	741	grab		3x10	
RZ-15	Hoorah Area	**RZ-15**	19/06/2004	581889	7028752	685	grab		5x20	
RZ-24	As anomaly	**RZ-24**	21/06/2004	582601	7025962	443	float	.05x.05x.05	subcrop	5x5 cm chips
RZ-25	As anomaly	**RZ-25**	21/06/2004	582644	7025901	451	float			angular
RZ-27	As anomaly	**RZ-27**	21/06/2004	582718	7025867	446	chip	0.5		irregular
RZ-28	As anomaly	**RZ-28**	21/06/2004	582831	7025791	443	float			
RT-13	central	**RT-13**	21/06/2004	583245	7025850	554	float		30x40	angular

Station Number	Colour		Alteration		Structure 1	Azmuth	Dip	Structure 2	Azmuth	Dip
STATION	W.S.	F.S.	ALT_1	ALT_2	STR 1	STR AZ1	STR DIP1	STR 2	STR AZ2	STR DIP2
RZ-2					she	0	90			
RZ-3	tn-or-bn	tn-or-bn	ox		fra	118	60			
RZ-11										
RZ-14					joi 2/m	90	54	F1	350	84
RZ-15	gy-wk rusty bn	off wh-yw bn			F1	195	85			
RZ-24	bn off wh stn	mottled lt bn-bk-gy-off wh	cal stn							
RZ-25			ox stn							
RZ-27	bn (reddish hue)	bn gn rd (?)	ox	cal -strong						
RZ-28	lt bn-off wh	wh-wk rust								
RT-13	lt gy-dk gy	wh-lt bn	ox - wk							

Station Number	Minerals Mineral 1 + description	Mineral 2 + description	Mineral 3 + description	Mineral 4 + description	Textural Modifiers 1	2	3	Rock Type
STATION	MINERAL 1	MINERAL 2	MINERAL 3	MINERAL 4	RX MOD1	RX MOD2	RX MOD3	RX TYPE
RZ-2								GRN
RZ-3	qtz	k-spar	lim-stn	jar-atn				
RZ-11	py-fig cu	cpy-diss v fig	poo diss blebs					paraGNE
RZ-14								
RZ-15	wh-lt gy glassy qtz-95%	mus-ser	gar - 2%	py - 1 spec	sil	qtz	mus	SCH
RZ-24	k-spar	qtz			grn			GNE
RZ-25	hem-stn	MnO2			ortho	grn		GNE
RZ-27	hem (?) stn	chl (?)	cal stn		alt	bxa	ox	GNE
RZ-28	qtz-lt gy glassy	alb (?)	phl - 5%	mag - 5% meg eu	leu			GRD/GNE
RT-13	cal - 99%				fig			MAR

Station Number	Notes
STATION	NOTES
RZ-2	
RZ-3	or soil just below o/c
RZ-11	several smal mineralized float in "Hoorah Creek"; 1-3% fig sx
RZ-14	2 lithologies at this o/c; 1) dirty meta-sed 2) leucocratic peg
RZ-15	felsic meta-volcanic??, silicified zone; siliceous zone all the way down to creek
RZ-24	
RZ-25	2 lithologies as float ; main one intensely oxidized; second lithology qtz-fel vn peg (tr py)
RZ-27	dk gn-rd-bn matrix inbtwn bxa clasts (hem-chl alteration ?)
RZ-28	leucocratic foliated albitized (?) GRD/GNE
RT-13	chaotic local fra fillings with lim, gnish surface alteration (?); faint foliation