LITHOCHEMICAL REPORT
On the HAIDA MINERAL PROPERTY

Kamloops M.D.
92P/9W

Lat.51°32'N **Long. 120°24'W**

For Owner/Operator
Electrum Resources Corporation

Delta, B.C.
September, 2000

S. Zastavnikovich, P.Geo.
Geochemical Consultant

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INTRODUCTION

This Report is based on the writer's statistical identification of anomalous value intervals and correlations for 33 I.C.P.-analyzed trace-elements obtained from 679 core and 575 surface rock samples generated by Vital Pacific Resources Ltd. in 1988-89 on the Haida mineral property, located on Deer Lake, some 100 km north of Kamloops in south-central British Columbia, as quoted in the Drilling Report by C.J. Westerman, Ph.D.,(Ref.#1):

PHASE II DRILLING SUMMARY

A total of 910.4 metres of NQ diamond drilling was completed in 6 holes under contract by Iron Mountain Drilling Ltd. of Merritt, B.C., using a skid-mounted Longear 44 drill. Hole 88-11 was located on the Heidi Lake Grid. Holes 88-12 to 16 were located in the vicinity of Iron Lake, testing extensions of gold mineralization (80 metres of gold-anomalous low sulphide scarns including a 4 metre section assaying 7.12g/t Au). Previously discovered in hole 88-9 (Figure 4). Drill logs and analytical results are presented in Appendices 4 and 5, other pertinent data is in Table 3 (below):

TABLE 3

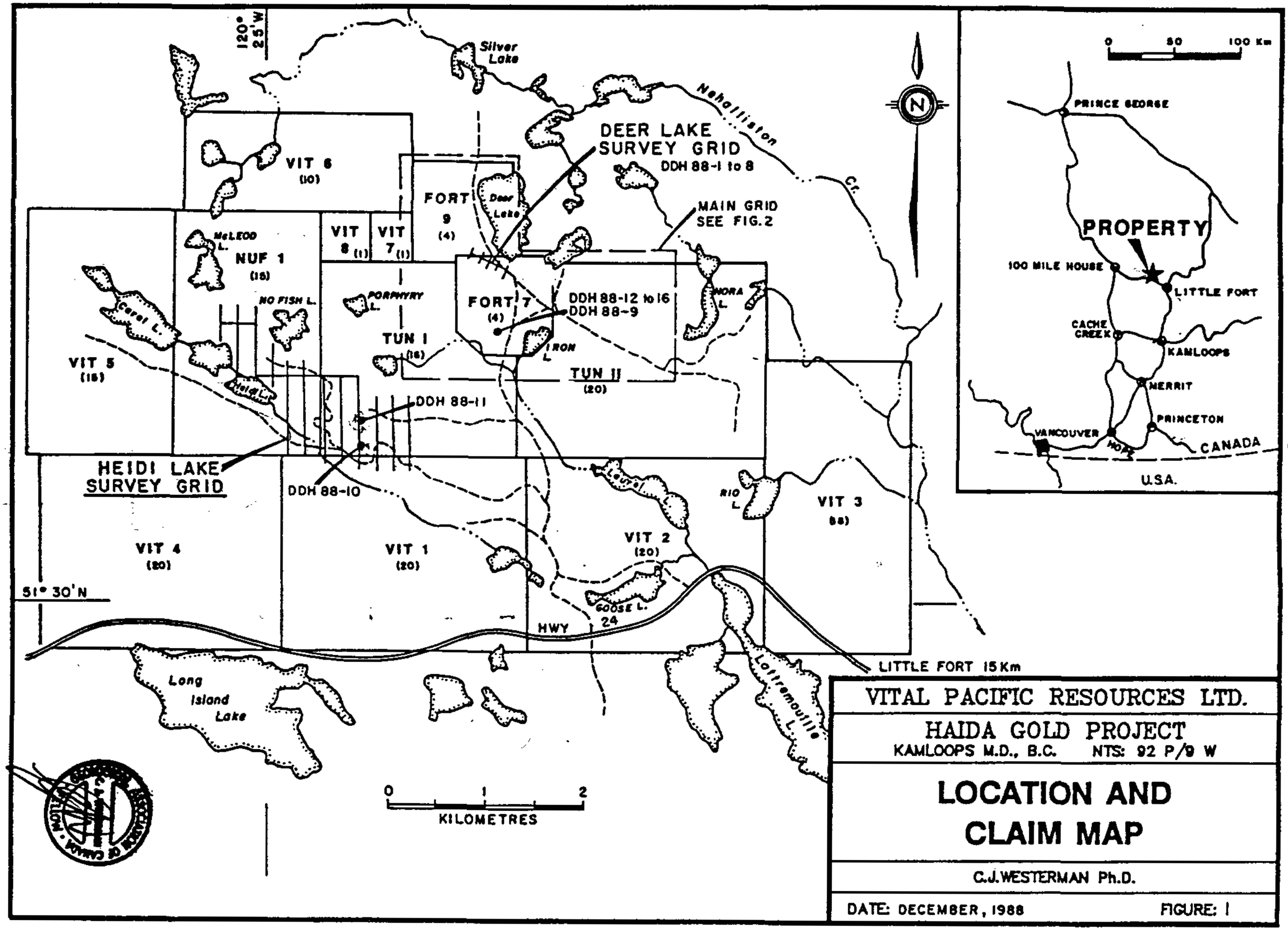
Hole #	Grid	Location	Angle	Azimuth	Depth,m
88-11	1340.W	1460.S	-60	20	188.4
88-12	00.W	375.S	-45	180	152.1
88-13	00.W	275.S	-45	180	153.3
88-14	200.W	375.S	-45	180	147.8
88-15	200.W	275.S	-45	180	135.0
88-16	200.E	375.S	-45	180	133.8

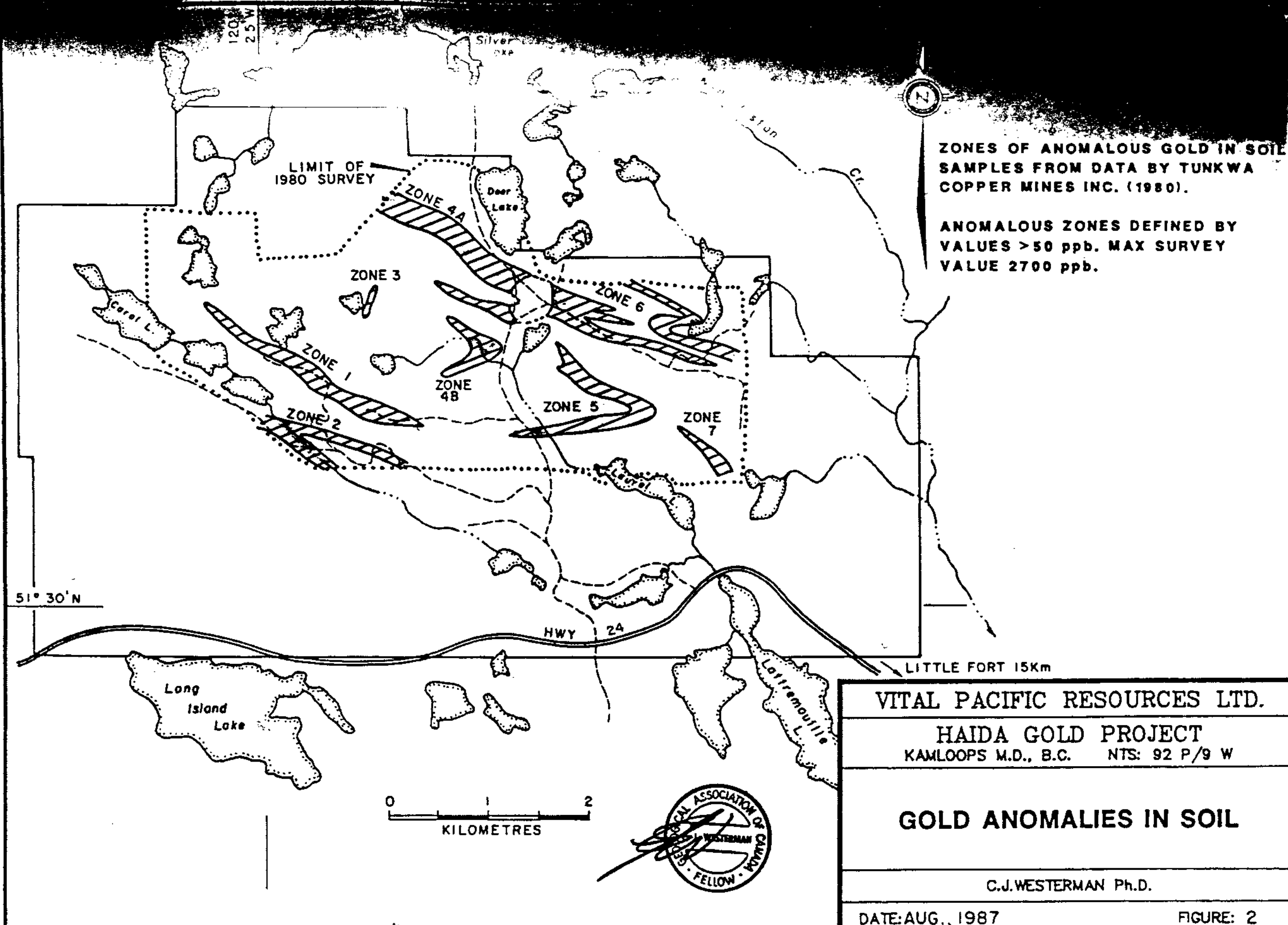
All of the drill core was split and analyzed in sections having a maximum length of 2 metres. None of the samples contained economic amounts of gold or any other metals. ***Significant sections carrying geocheically anomalous amounts of gold occur in Holes 88-12 and 88-14, (bold*** *quotations for emphasis).*

C.J. Westerman concluded the phase II Diamond Drilling Report, p. 24, Ref.#1, with:

...Unfortunately the work to date has not developed any reliable exploration vectors to follow in the search for an economic concentration of gold. *I cannot therefore recommend any attractive targets to be tested by drilling at the present time...*
If geologic mapping were combined with professonal prospecting and a rock geochemical survey, it might also provide new targets for future work.

As discussed below, it was the diligent sampling and multi-element I.C.P. analysis of all the core in the 6 drill holes 88-11 to 88-16 at 1-2m. intervals that makes possible detailed statistical interpretation of the anomalous trace-element levels in order to help develop the exploration vectors for any new rock sampling surveys on the Haida property, as recommended and quoted above. (See Ref. #1 for detailed geological interpretation). **Fig.s 1 to 4**, showing claims, geology and drill hole locations are duplicated from the original Drilling Report, Ref.#1, while the original analytical results for drill core and gold-anomalous rock samples,Ref.s#1,2, and logs for the two gold-anomalous, Ref.#1, ddh.s 88-12,14, are attached as Appendices V and VI respectively, for completeness.


VITAL PACIFIC RESOURCES LTD.
HAIDA GOLD PROJECT
KAMLOOPS M.D., B.C.
NTS: 92 P/9 W
LOCATION AND CLAIM MAP
C.J.WESTERMAN Ph.D.
DATE: DECEMBER, 1988
FIGURE: 1
DEER LAKE SURVEY GRID
DDH 88-1 to 8
MAIN GRID SEE FIG. 2
DDH 88-12 to 16
DDH 88-9
DDH 88-11
DDH 88-10
HEIDI LAKE SURVEY GRID
VIT 6 (10)
VIT 5 (18)
NUF 1 (18)
VIT 8 (1)
VIT 7 (1)
FORT 9 (4)
FORT 7 (4)
TUN I (18)
TUN II (20)
VIT 4 (20)
VIT 1 (20)
VIT 2 (20)
VIT 3
Silver Lake
Nehalliston Cr.
Deer Lake
McLEOD L.
NO FISH L.
PORPHYRY L.
Carol L.
Heidi L.
IRON L.
NORA L.
RIO L.
Laurel
GOOSE L.
Long Island Lake
Lottremouille L.
HWY 24
LITTLE FORT 15 Km
120° 25' W
51° 30' N
KILOMETRES
0
1
2
0
50
100 Km
PRINCE GEORGE
PROPERTY
100 MILE HOUSE
LITTLE FORT
CACHE CREEK
KAMLOOPS
MERRIT
PRINCETON
VANCOUVER
HOPE
CANADA
U.S.A.



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HAIDA GOLD PROJECT

KAMLOOPS M.D., B.C. NTS: 92 P/9 W

GOLD ANOMALIES IN SOIL

C.J.WESTERMAN Ph.D.

DATE: AUG., 1987 FIGURE: 2

DESCRIPTION

The location, access and topography of the Haida mineral claims property are described in Ref. #1, Pg. 2 as quoted below:

The Haida Gold property is located 16 kilometres northwest of Little Fort in south-central British Columbia (Fig. 1). The property is centred on latitude 51° 31'N and longitude 120° 24'W within NTS map area 92P/9W. Provincial Highway 24, which connects Little Fort with 100 Mile House, passes east-west along the southern boundary of the property. Access from Highway 24 northwards across the property to Deer Lake is provided by the Taweel Forestry road. A network of old logging roads provides reasonably good access to most areas of the property.

The property is located in an upland plateau region with subdued topography and elevations ranging from 1280 metres to 1580 metres.

An updated version of the current claim status for the Haida property is presented in Appendix II, as supplied by the owner.

GEOLOGY

The most comprehensive description of the general geology of the claims area is to be found in the BCDMPR G.E.M. 1970 by V. Preto as quoted below, which includes descriptions of physiography, prospecting history, geology, structures, and mineralization present in the Haida Group mineral claims area. Property references are in **bold**, for emphasis..

Geology Of The Area Between Eakin Creek and Windy Mountain:

The area between Eakin Creek and Windy Mountain that is covered by Figure 44 is one of rolling upland in which swamps and small lakes abound and, except for a few sparse hilltops, rock exposures are scattered and poor. With a few exceptions,creek valleys are broad and covered by a considerable mantle of drift. The highest point in the area is Windy Mountain to the north, which reaches an elevation of 6,449 feet. To the south, the area is traversed from west to east by the deeply incised valley of Eakin Creek, which offers excellent and nearly continuous exposures of granitic rocks of Thuya Batholith and, to the east, of volcanic and sedimentary rocks of the Nicola and Cache Creek Groups.

The geology of the area is characterized by a mosaic of fault blocks of sedimentary and volcanic rocks that range in age from Permian to Lower Jurassic. To the south, these rocks are truncated by the northern part of Thuya Batholith and in the area between Friendly Lake and Windy Mountain they are intruded by stocks of fine-grained leucogranite to leucosyenite porphyry that may be satellites of Thuya Batholith. The geological framework of the area is outlined in the Geological Survey of Canada Map 3-1966. The present writer devoted his time chiefly to examining several base metal prospects and their setting in the local geology.

Map Unit 1 - Cache Creek Group

Rocks believed to be part of the Cache Creek group are found at three localities within the map-area. On Eakin Creek, to the southeast, a sequence of cherty argillite and fine-grained, hard, calcareous argillite is shown on Geological Survey of Canada Map 3-1966 as being part of the Cache Creek Group. On the same map an occurrence of dark-grey to black coquinoid limestone 2 miles south of the east end of Friendly Lake is reported to have yielded Permian brachiopods and fusulinids. With the exception of the isolated locality south of Friendly Lake, the other areas of Cache Creek rocks are in fault contact with younger rocks of Upper Triassic and Jurassic age.

Map Unit 2- Nicola Group

Rocks of the Nicola group are the most common and widespread in the map-area, as well as the hosts to virtually all the known mineral occurrences. On the basis of their lithology, Nicola rocks have been divided into four subunits, a brief description of which is given below.

Subunit 2a-Massive andesite, pyroxene andesite, and breccia are common and widespread in the are. They are generally interlayered with one another on a large scale and may locally contain interbeds of light-green laminated tuff. Massive flow rocks are generally medium to fine grained, occasionally amygdaloidal, and usually contain tiny phenocrysts of augite and (or) plagioclase. Fragmental rocks range from breccias in which an andesitic matrix contains angular to sub-rounded clasts of nearly identical rock, to breccias in which the clasts consist of a wide variety of rocks, both volcanic and sedimentary. One mile south of Friendly Lake, for instance, grey limestone fragments that have yielded an Upper Karnian fauna are common in a sequence of volcano-clastic rocks.
In the vicinity of intrusions, Nicola volcanic rocks have been altered in varying degree. On upper Phinetta Creek, within a few hundred feet of granitic rocks of Thuya Batholith, massive andesite, volcanic breccia and tuff have been changed to biotite and pyroxene hornfels that are locally laced with quartz-epidote-carbonate-garnet veinlets. One mile southeast of Dum Lake, similar rocks have been changed to fine-grained amphibolite schist. In the vicinity of the leucogranite and leucosyenite porphyry stocks northwest of Friendly Lake,massive and fragmental andesites have been extensively epidotized and, closer to the intrusion, are laced by veinlets of orthoclae, hedenbergite, antigorite, calcite, and chalcedony.

Subunit 2b-Thin-bedded, light-green tuff with some interbeds of coarser lapilli tuff and tuff breccia is found approximately halfway between Friendly Lake and Windy Mountain. Similar rocks are also found locally as interbeds with rocks of unit 2a. Rocks of unit 2b are of limited areal extent and probably grade laterally into rocks of unit 2a.

Subunit 2c-Interbedded calcareous silstone, argillite, shale, and sandstone have been observed at three localities between Long Island Lake and Monticola Lake. They appear to make up a poorly exposed northwest-trending fault block and, in the vincinity of Monticola Lake, have yielded a Halobiid fauna of probable Upper Triassic age.

Subunit 2d-Grey, fine-grained, well-bedded limestone, locally altered to skarns, is found in exploration trenches at the south end of Deer Lake. Boulders of the same rock found in the vicinity show tight folding, brecciation, and some quartz veining.

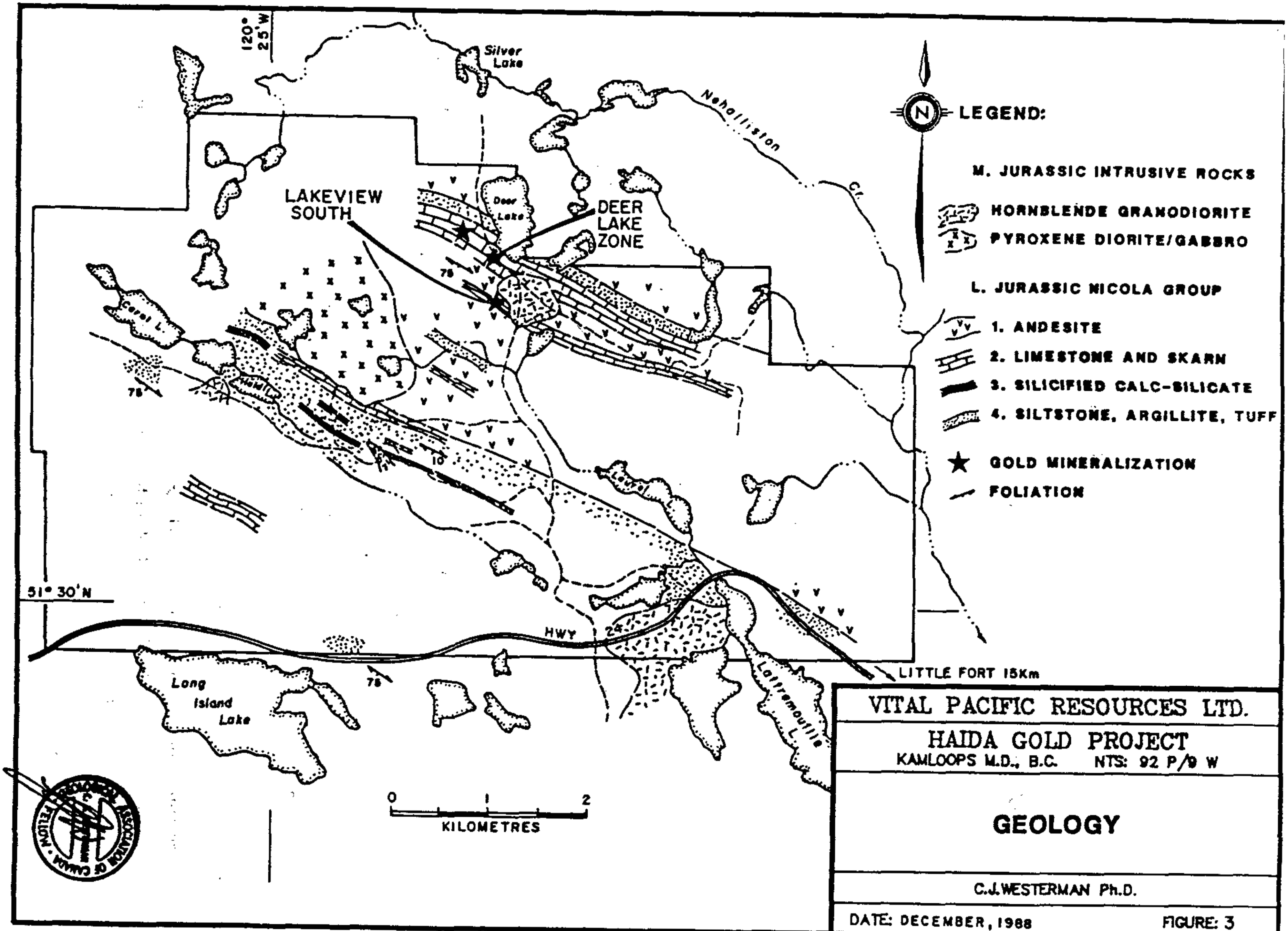
Map Unit 4

Grey, medium-grained diorite is found at several localities near and southeast of Deer Lake. Because of poor and very sparse exposures, nothing is known on the mode of occurrence of this unit other than it is intrusive into and locally causes considerable development of skarn and some suphide mineralization in rocks of units 2a and 2d. The diorite is probably part of a satellitic body of Thuya Batholith.

Mineral Occurences

Numerous base-metal showings and prospects are found in the map-area and can be subdivided in three groups. ***Copper and, to a lesser extent, gold, lead, and silver are found in skarns in the vicinity of stocks of map unit 5, near diorite of map unit 4****, and at certain localities near the edge of Thuya Batholith. Occurrences of lead and silver with smaller copper values are found along shear zones in intensely altered volcanic rocks. Copper in quartz stockwork occurrences is found in granitic rocks of Thuya Batholith. The showings that belong to these three main groups can be described briefly as follows:*

1. ***Skarn depostis near Deer Lake****-Several occurrences of sulphide mineralization are found in the vicinity of Deer Lake in volcanic rocks and limestone that locally have been altered to skarn. Values in copper and gold have been reported. Mineralization includes massive pyrrhotite and magnetite as well as pyrite and chalcopyrite.* ***Three selected samples of massive pyrrhotite-magnetite mineralization taken at some old workings at the southwest end of Deer lake gave the following results:***


120° 25' W
Silver Lake
Nehalliston Cr.
LEGEND:
M. JURASSIC INTRUSIVE ROCKS
HORNBLENDE GRANODIORITE
PYROXENE DIORITE/GABBRO
L. JURASSIC NICOLA GROUP
1. ANDESITE
2. LIMESTONE AND SKARN
3. SILICIFIED CALC-SILICATE
4. SILTSTONE, ARGILLITE, TUFF
GOLD MINERALIZATION
FOLIATION
LAKEVIEW SOUTH
DEER LAKE ZONE
Deer Lake
51° 30' N
HWY 24
LITTLE FORT 15Km
Long Island Lake
0 1 2
KILOMETRES
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GEOLOGY
C.J. WESTERMAN Ph.D.
DATE: DECEMBER, 1988
FIGURE: 3

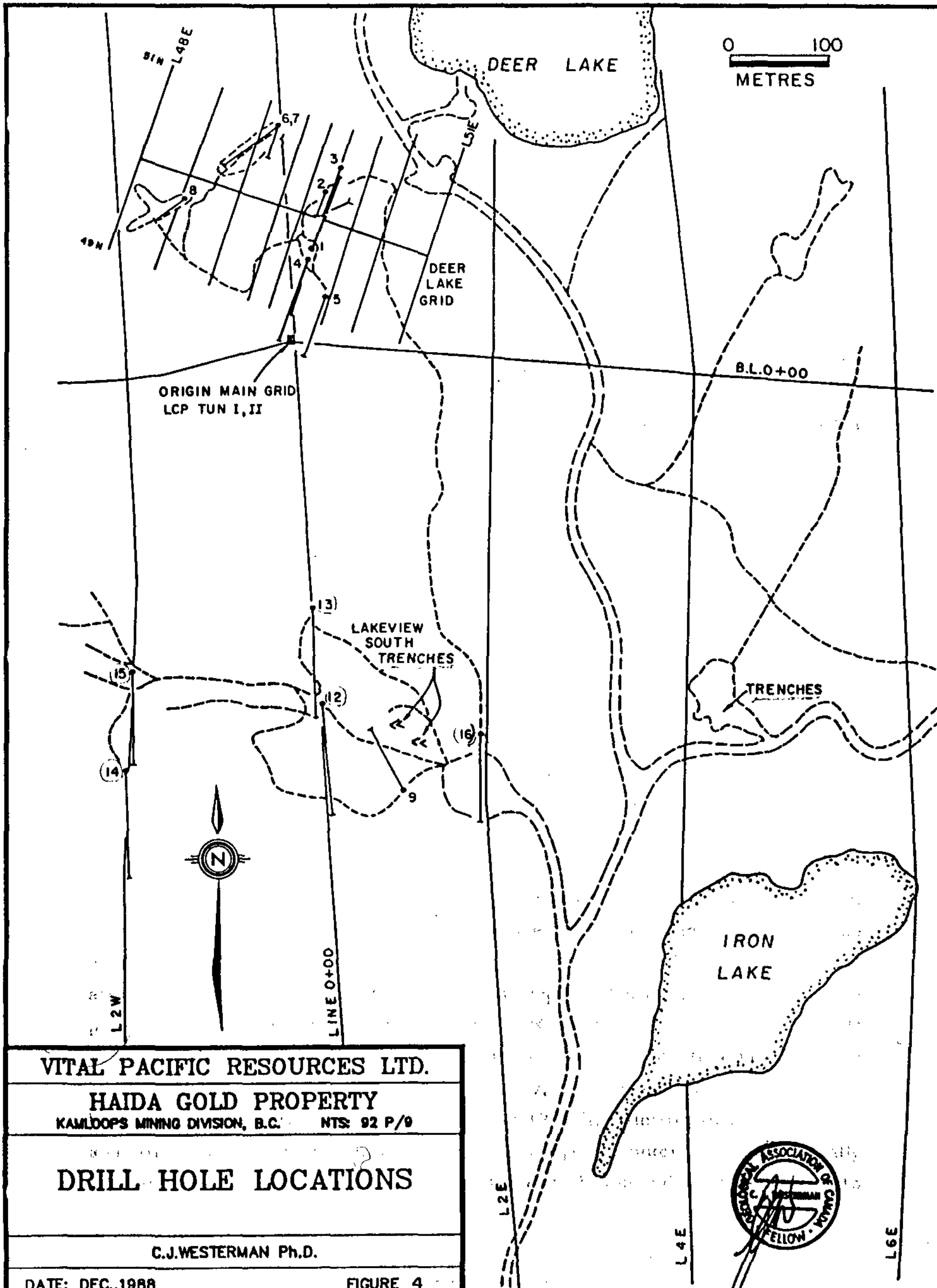
Sample No.	*Gold (Oz.per Ton)*	*Silver (Oz.per Ton)*	*Copper (Per Cent)*
1	***Trace***	***Trace***	***0.14***
2	***0.02***	***Trace***	***0.40***
3	***0.19***	***0.30***	***0.75***

The mineralization and related skarn alteration are closely related in distribution to the bodies of grey microdiorite (map unit 4). *A considerable amount of trenching and some diamond drilling has been done on a narrow strip of ground extending for nearly 2 miles southeast from Deer lake. No drill core could be obtained for examination and the few sparse exposures that could be found indicate that the microdiorite extends at least as far southeast as exploratory work was done, and that altered and weakly mineralized volcanic rocks can be found locally in this belt.*

GEOCHEMISTRY

The statistical correlation of multi-trace-elements with geochemically anomalous gold values in drill core and surface rocks from the Haida property is based in this Report on the results of the original detailed sampling and analysis of 679 drill core samples taken at maximum 2m. intervals from ddh's 88-11 to 88-16, and on an additional 575 mostly outcrop and some float rock samples taken on the property, Ref.s #1 and #2 respectively. The original 33 trace-element I.C.P.-analyzed results have been obtained as computerized files from Chemex Laboratories in N.Vancouver, and are in part attached as Appendix V. As some of the sampled surface rocks carry much higher **gold** values(upto15,000ppbAu) than any of the core samples (all but 2 are <500ppb Au), the outcrop and float, as well as the core samples are included in the statistical identification of anomalous trace-element intervals listed in the **Anomaly Table 1** overleaf, in order to provide as comprehensive as possible guidelines for any future rock sampling surveys on the Haida property, as recommended in the original Drilling Report, Ref. # 1.

The individual **strong, medium and weak anomaly intervals** selected for each element, as given in the **Anomaly Table 1**, are based on the the writer's interpretation of log-normal frequency distribution curves, constructed at 0.1 log intervals, and their inflection points, an example of which is shown in **Frequency Distribution Graph 1**, overleaf. Since they variously include the effects of mineralization, alteration, lithology, weathering, etc., most of the frequency curves are complex, ranging from uni- to multi-modal distributions, some of which represent enrichment, and others depletion. **Correlation Tables 1, 1a and 2, 2a**, Appendix III, identify significant trace-element associations for the core and rock samples respectively. In addition, the tables show the most significant **trace-element pathfinders for gold**, which are illustrated visually in the Fe-Mn & Cu/Zn **Bubble Charts 1-4** for Au vs. Ag Cu, Mo, Zn, Pb, As, Appendix IV. A multi-element downhole **Geochemical Log Graph 1**, overleaf, summarizes the trace-elements content **at 1-2m. intervals** for **ddh 88-12**, the drill hole with the highest intensity and number of anomalous gold values, ranging up to **1380ppb Au.**
The original drill core and Au-anomalous rock sample analytical results from Ref.s #1,2 Appendix V, have been enhanced with coded anomaly interval values, while the original drill logs for ddh.s 88-12, & 88-14 are included as Appendix VI for refference. The statistical parameters and the resulting pathfinder element groupings can act as a guide to interpretaton of future lithochemical surveys on the Haida property, as discussed below.



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HAIDA GOLD PROPERTY

KAMLOOPS MINING DIVISION, B.C. NTS: 92 P/9

DRILL HOLE LOCATIONS

C.J.WESTERMAN Ph.D.

DATE: DEC.,1988 FIGURE 4

Multi-element ICP Geochemistry in DDH's 88-11 to 88-16

Since only a dozen of the 679 core samples analyzed from six drill holes had gold values >250ppb Au, only 2 of which exceeded 500ppb Au, i.e. 930 & 1300ppb Au in ddh 88-12, extensive statistical manipulation in terms of correlation tables, frequency distribution curves, XY bubble plots and multi-element downhole distribution graphs was utilized for this Report, in order to identify the various association patterns of the pathfinder trace-elements with the geochemically anomalous gold values and, by extension, help in future surveys to locate any gold mineralization possibly present on the Haida property.

Based on the 679 core samples, the maximum correlation coefficients of 0.2 for gold indicate in **Correlation Table 1** that overall, the sum of the anomalous gold values is only weakly associated with any one particular trace-element or, conversely, that the geochemically anomalous gold values in the Haida drill core are variously associated with different trace-elements, namely Cu, Fe, Mo, Ni, V, W at 0.2, and less strongly with Ag, Ba, Co, K, Sc, U at the 0.1 level. Table 1 also indicates however, that the strongest associates of high iron values, besides Co at 0.8, are Cu, W (0.7), V, Ni (0.6), followed by Sb, Mn, P (0.5), Ca (0.4), and As at (0.3). Thus four of the five trace-elements most strongly associated with Au are also much more strongly correlated with high Fe values, suggesting that accumulation by oxidization in secondary Fe-minerals is an important factor for most of the geochemically anomalous gold values in the Haida drill core.

On the other hand, high Mo values are correlated most strongly with Cd, (0.4), Ag, Pb, Zn (0.3), and less strongly with Cr, Ni, U (0.2), as well as gold (0.2), the former group indicating strongest association with sphalerite and galena, likely present along significant structures, as suggested by the anomalous second group values.

Due to mixing of contrasting lithochemical environments, a single correlation table cannot however show trace-element associations in detail. **Correlation Table 1a**, representing only the drill hole most anomalous in gold values, **ddh 88-12**, is included here for comparison, as discussed below.

Lithochemical Gold Anomalies in Diamond Drill Holes 88-12 & 88-14

DDH 88-12 is the only drill hole that contains gold values >460ppb Au, namely, **930ppb Au** @ 33 m. depth, coincident with moderately anomalous molybdenum values in the two adjacent samples from 31 and 32m., and a moderately anomalous tungsten zone @ 29 to 37m., all located within the 10 - 36m. deep '*Mineral zone, massive mag and po replacing beds. Rock generally finer grained, green, occasional bx filled with mag/po rare large frag. In finer seds. chpy in finer disseminations and often rimming po, usually fracture controlled.*', drill logs, Appendix VI.
And from p.16, Ref #1: '*A semi-massive magnetite-pyrrhotite skarn breccia was intersected between 9m and 20m. The underlying andesitic tuff hornfels is variably*

brecciated with a magnetite-pyrrhotite matrix down to a depth of 37 metres. The section from 9m to 37m carries erratic chalcopyrite…'.

The above described mineral zone is identified in the analytical results, Appendix V, by not only the highly anomalous values of up to 3300ppm Cu, 205ppm As, 57ppm Mo, 65ppm W, and 15ppm Sb, 1.4ppm Ag, but also by very high values of up to 14.2% Ca, >18% Fe, 1.2% P, and 2200ppm Mn, 320ppm Co, 425ppm Ni, 284ppm V, 20ppm U. The order of correlation with Fe values for these elements is Cu, Sb, Co, P (0.8), W, Ni (0.7), As, V (0.6), U, Mn, Ca (0.5), **Correlation Table 1a.** All lead values within the zone are below the detection limit (d.l.) of 1ppm Pb, while zinc values only range up to the non-anomalous maximum of 100ppm Zn.
This **magnetite-pyrrhotite-chalcopyrite** mineralized zone contains gold values of 30-50ppm Au, which are diluted to <25ppm Au where cut by faulting, and enriched up to 200ppb Au by oxidation, which coincide with the highest iron values of >18% Fe .

Further down the drill hole, anomalous Mg, Sr, Ti, K, Na, (Cu, Zn) values identify the andesite porphyry flow units @ 52 – 55m. and 98 – 100m. depths, with anomalous Ba, Hg values additionally present in accompanying shears, including 120ppb Au @ 78 m. The late, likely relatively open, faults @ 96 – 98m. are present within '*Mixed volcanics, bx to dust tuffs. Patchy scarn, mostly garnet. Numerous faults of numerous ages make cemented and uncemented bx.*', drill log, Appendix VI. These fault-breccias are identified by very strongly anomalous values of up to 3000ppm Mn, 423ppm V, 3.1% Al, 20.0% Ca, and 1ppm Hg, though without anomalous Au values.

The '*weakly*' silicified andesitic porphyry flows @ 108 – 117m. are throughout geochemically strongly anomalous in gold values of up to 285ppb Au, including the single highest **1300ppb Au** gold value in all of the Haida drill core samples from the six ddh's 88-11 to 88-16. Besides the moderately anomalous Mg, Sr, K, Na values identifying the porphyry flows, the only highly anomalous trace-element associate of the gold values is molybdenum, with up to 141ppm Mo present. Negatively anomalous, or low, values in the major elements Al, Ca, Fe, and Mn, P, present within this section and centered at the 111m. depth, suggest pervasive silicification.
The highest value of 150ppm Mo is associated with strongly anomalous chromium and lead values of 279ppm Cr, and 350ppm Pb in the 0.5m.-wide quartz vein, which carries only 40ppb Au, and is located @ 117.6m. depth, near the base of the flow.

The bottom section of the ddh 88-12 is described in the drill log, Appendix VI, as '*122.8 – 152.1m Med-fine grained ash tuff, med grey, massive bedding. Weak clay altn, over hornfelsing, little or no skarn, 1-5% diss. sulphides, virtually all py. Moderate to strong fracturing, py on fractures…133 –148m: mod. to strong silicified (or cherty)*'
The strongly silicified section with continuous 30-80ppb Au values, except @ 138m. where cut by '*Med grey bleached 1 cm each side of old fractures with py and chlorite.*', is identified by moderately to strongly anomalous Ag, As, Ba, Be, Cr, K, Mg, Mo, Na, Ni, Pb, Sr values. It is flanked above @ 131 – 134 m. and below @ 150 – 152 m. by consecutively anomalous gold values of 115-435ppb Au, **Geochemical Log Graph 1**, present in bounding shear zones, identified by anomalous mercury values of 1-2ppmHg.

Pathfinder Elements for Gold in Haida Rock Samples

Since some of the 575 rocks sampled on the Haida property contain much higher gold values, ranging up to 15000ppb Au, than any of the core samples, the multi-element I.C.P. analytical results for the rock samples, form the Geological Report by Tor Bruland, Ref.#2, are included in the statistical compilation and lithochemical interpretation in this Report. The anomaly ranges listed in the **Anomaly Table 1** overleaf represent combined interpretation of frequency curves for each element in both drill core and rock samples.

Correlation Tables (Appendix III)

Correlation Table 2 indicates the overall pathfinder trace-elements for gold in rocks to be in order of Ag(0.6), Pb(0.5), Mo(0.4), Zn,Cd(0.3), and Sb, U, Mn(0.2), while **Correlation Table 2a** identifies the pathfinders in rock sample sub-sets based on their gold and iron content, and the lithological end-members, breccias and quartz veins. The rock sample sub-sets allow more accurate pathfinder identification related to the differentiated lithological, structural, and mineralization environments.
Thus while column **B**, representing all of the 575 rocks sampled, has gold correlations as listed above from Table 2, as do columns **C** and **D**, representing rocks containing Au>100ppb (126 samples),and Au>25ppb (278 samples) respectively, the best pathfinders for gold in rock samples with low gold values of Au<25ppb are listed in the column **E** sample sub-set as Co, Fe, Sb, Tl, W (at 0.2), all of which are in turn strongly correlated with iron, indicating accumulation of low-level gold values by oxidation.

By contrast the gold–anomalous **gossan** sample #465330 with 305ppb Au, has additionally strongly anomalous 2.4ppm Ag, 694ppm Cu, and >18%Fe, and moderately anomalous 50ppm As, and 14ppmMo, 15ppm Sb, 20ppm Tl, but negatively anomalous, or low, values of Al, Ba, Ca, P, V, analytical results, Appendix V.
Similarly the high-iron rocks in column **F**, when sub-divided into high gold 55-1500ppb Au column **G**, also have Ag, Zn, Cd, Mn, Sb, U (0.5-0.2) as pathfinders in the same order, but lacking Mo, which shows up as a strongly anomalous silicification indicator in columns **J** and **M**, along with Ag, Pb, and Sb, in silicified low iron 2.8-6.5% Fe rocks and quartz veins bearing geochemically anomalous gold values of up to **9760ppb Au**.
The 13 breccia rock samples in column **L**, Appendix V, are uniquely strongly correlated with Ag, Pb, Zn (1.0), Cd (0.9), and less so with Be, Sr (0.3), and Ba, Fe, Sb (0.2), corresponding to presence of **sphalerite** and **galena**, while strong correlations with U (0.6), and Mn (0.5), indicate the **breccia** environment, which also includes the notable absence of any anomalous As, Cu, Mo values.

Finally the location-specific **Correlation Table 2b** helps differentiate the pathfinder elements in each of the old hand pits and trenches dug and sampled on the Haida property Ref #2, in relation to the maximum gold values obtained. Thus the highly anomalous gold values in the 'old' trenches of up to 2040ppb Au are directly related to oxidation of the magnetite-phyrrhotite mineralization and the associated base-metal sulfides as indicted by their strong correlation with Co (0.9), Fe (0.7), Zn, W (0.6) and Cu (0.5). Similar pathfinder suite is present in trenches 5, 5a, though at lesser intensity.

The **breccias** in the old pits with up to **15000ppb Au** are uniquely anomalous in Ag, Pb (0.8), Zn (0.6) and Cd, U (0.5), Sb, Be, Mn (0.3), Sr, Fe (0.2), reflecting the presence of Pb-Zn sulphides in a strongly Mn-Sa-Ba-Sr-enriched envelope, although the inclusion of similar but undescribed rocks #473716-720 lacking gold values demotes this group of trace elements as pathfinders for gold.
In Trenches 1, 1a, 2, 5, 5a the anomalous gold values of up to 950ppb Au are highly correlated with Mo (0.6), at least in part likely due to presence of silicification.
In Trench 11a there are uniquely strong correlations of up to 480ppb Au with Ca, P (0.9), Mn (0.8) and Al (0.3), due to likely presence of quartz-carbonate alteration and associated clay minerals, as these rocks also contains some anomalous Ba, Cr, Fe, K, Mg, Mo, Na, V, W values, Appendix V.

XY Bubble Charts -Appendix IV

The association with gold of individual pathfinder trace-elements Ag, Mo, Cu, Pb, Zn are illustrated in the Fe/Mn and Cu/Zn **Bubble Charts 1a-c, 2,** for core and **2a-c, 4,** for rock samples, Appendix IV, which indicate general and sub-trends, such as strong association of Mo and Au in low-Fe / moderate-Mn samples representing silicification, and in high-Fe / low- to moderate-Mn oxidized samples, but not in the high-Fe / extremely high-Mn intrusive breccia samples containing up to **15000ppb Au**, **Charts 1a, 3a**.
Charts 1b, 3b, indicate affinity of Cu for Fe and of Ag for both Fe and Mn-associated Pb,Zn values, representing oxidization and the breccia environments respectively, while in **Charts 1c and 3c** the high Pb, Zn values clearly indicate the sphalerite and galena association with the high-Mn breccias, at the expense of the high-Fe (oxidized) sulphides.
The Cu/Zn **Bubble Charts 2a** and **4a,** for drill core and surface rock samples respectively, indicate the relationships of the anomalous Au to Ag, Pb values relative to copper and zinc, which themselves are for the most part antagonistic.
The general trends of anomalous gold values follow the Cu-axis, as they did the Fe-axis in Charts 1a,3a, for both the drill core and surface rock samples, indicating that enrichment by oxidation is a strong component throughout the whole range of gold values. The high end of the Zn-axis, **Chart 2a**, is generated by the silicified cherty hornfels in ddh's 88-12 @ 144-148m. and 88-14 @ 96-102m. depths which, in spite of the presence of Pb-Zn base metals, only carry weakly to moderately anomalous gold values of 30-80ppb Au, but strongly anomalous silver values of up to 2.6ppm Ag.

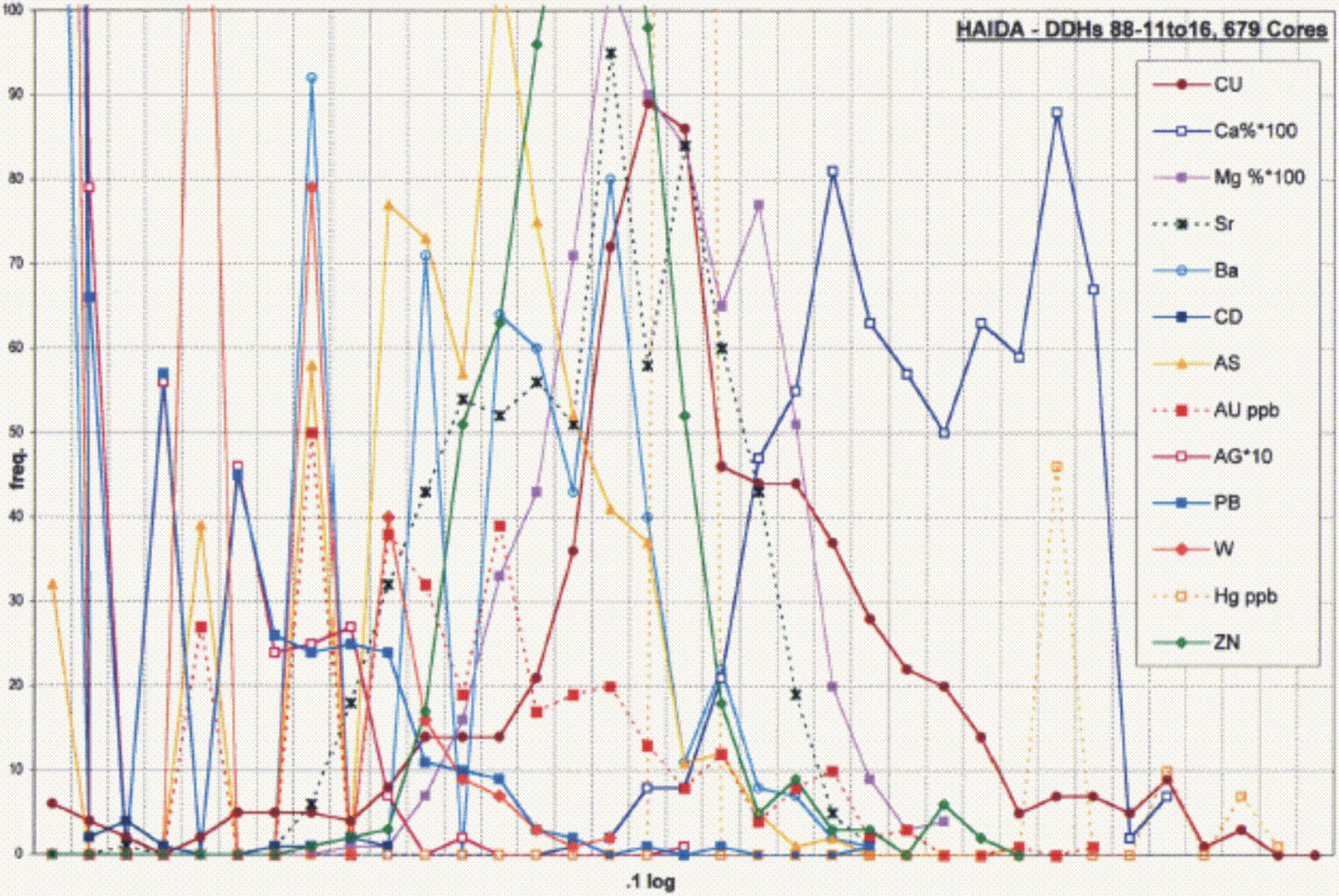
The sphalerite-galena-tetrahedrite-bearing intrusive breccia rock samples from the old Pits similarly form the Zn axis apex on **Chart 4a**, with highly anomalous gold values of up to 15000ppb Au present, partly due to the strong oxidation, as indicated by extremely anomalous antimony and bismuth values of 140ppm Sb, 124ppm Bi, respectively, as well as those of iron at $\geq$18% Fe, Appendix V.
Weakly to moderately anomalous Ag values increase gradually on both charts along the Cu axis, indicating uniform low level co-accumulation with the gold and copper values in secondary iron-oxide minerals.

Anomaly Table 1*

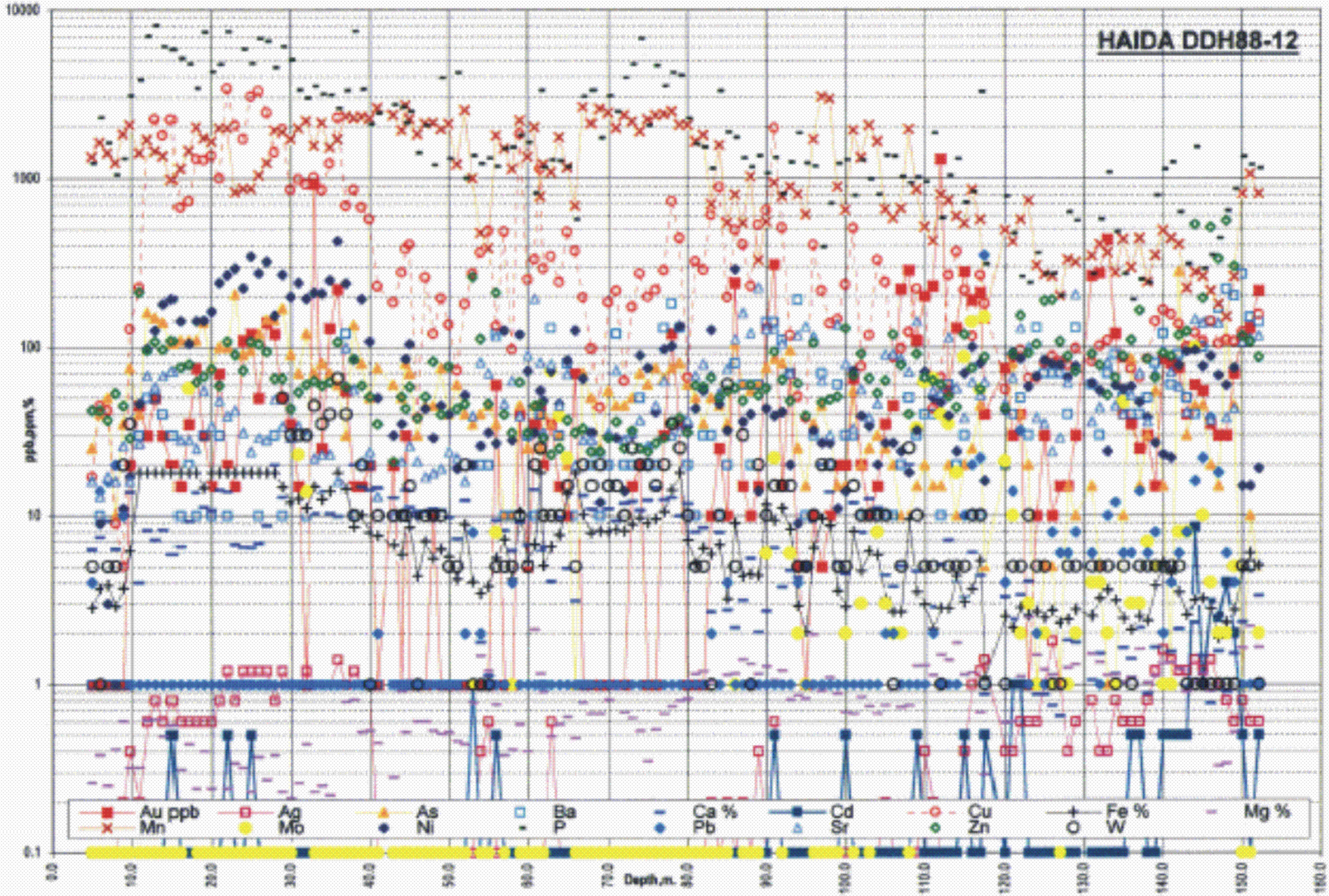
HAIDA Drill Core and Rocks						
Anomaly Order:			Weak		Medium	Strong
Au ppb	25	---	50	---	100	>
Al %	2.4	---	2.7	---	3.2	>
Ag	0.6	---	1	---	2	>
As	30	---	55	---	100	>
Ba	50	---	100	---	170	>
Be	1	---	1.5	---	2	>
Bi	2	---	4	---	6	>
Ca %	5	---	8.5	---	12	>
Cd	1	---	2.5	---	5	>
Co	25	---	50	---	100	>
Cr	85	---	130	---	200	>
Cu	130	---	210	---	330	>
Fe %	6.5	---	8.9	---	13	>
Hg	1	---	2	---	3	>
Ga	10	---	20	---	30	>
K %	0.09	---	0.16	---	0.25	>
La	10	---	20	---	30	>
Mg %	0.8	---	1.3	---	2	>
Mn	1100	---	1600	---	2200	>
Mo	4	---	11	---	25	>
Na %	0.03	---	0.05	---	0.08	>
Ni	30	---	55	---	100	>
P	1600	---	2500	---	4000	>
Pb	10	---	20	---	35	>
Sb	10	---	15	---	20	>
Sc	7	---	11	---	20	>
Sr	45	---	85	---	130	>
Ti %	0.11	---	0.2	---	0.35	>
Tl	10	---	20	---	30	>
U	10	---	20	---	30	>
V	85	---	130	---	210	>
W	20	---	40	---	60	>
Zn	100	---	165	---	260	>

* ppm,unless stated otherwise

For Electrum Res. Corp. FREQUENCY DISTRIBUTION CURVES **Graph 1**



Aug.'00 S. Zastavnikovich, P.Geo.


HAIDA DDH88-12
10000
1000
100
10
1
0.1
ppb,ppm,%
Depth,m.
Au ppb
Ag
As
Ba
Ca %
Cd
Cu
Fe %
Mg %
Mn
Mo
Ni
P
Pb
Sr
Zn
W

CONCLUSIONS:

1. Statistical interpretation of the 33 I.C.P.- multi-element analytical data set generated from systematically sampled 679 consecutive 1-2 m. interval core samples from ddh.s 88-11 to 88-16, and 575 surface rocks, has resulted in identification of differentiated pathfinder trace-element groupings, corresponding to several distinct types of mineral environments enriched with geochemically anomalous gold values of up to 1300ppb Au in core and 15,000ppb Au in rock samples present on the Haida mineral property.

2. Using as reference the ddh 88-12, the most extensively and intensively anomalous drill hole in geochemical gold values, molybdenum is identified as the strongest pathfinder, and also indicator of silicification, most likely derrived from the andesitic porphyry flows. Associated geochemically anomalous gold values range up to 100ppb Au, as @ 135-150m., while the bounding shear zones, indicated by anomalous barium and mercury valuesof up to 270ppm Ba, 2ppm Hg, carry up to 435ppb Au. Likely more intense silicification at 107-117m. yields up to 150ppm Mo and uniformly highly anomalous gold values of 100-300ppb Au, as well as the single highest gold value of 1300ppb Au in all of the sampled drill core.

3. Anomalous gold values of 100-250ppb Au generated by oxidation of magnetite-phyrrhotite skarn mineralization and the associated Cu-sulphides such as that near the top of the drill hole @ 10-36m., are associated with >18% Fe and trace-element pathfinders Ag, As, B, Co, Cu, Ni, P, Sb, Tl, U, V, Zn, Mn, Ca, while the single 930ppb Au value is additionally associated with moderately anomalous molybdenum and tungsten values of up to 23ppm Mo, 65ppm W, which likely indicate presence of silicification along intrusion-related structures.

4. The highly anomalous gold and silver values of up to 15000ppb Au and 88.6ppm Ag associated with uniformly extremely anomalous manganese values of >15000ppmMn plus uranium, barium and strontium values of up to 80ppm U, 340ppm Ba, and 977ppm Sr present in the intrusive breccia rock samples #465243-246 from the old Pits, correlate highly with base metals Pb, Cd, Zn, due to presence of sphalerite and galena, and also with As, Sb, B, Be, Fe, due to oxidation of the sulphides.

RECOMMENDATONS:

1. The Haida mineral property needs a high quality lithic-based field-sieved drainage sampling survey which would help focus exploration on the most highly mineralized sectors of the claim group, that may well be still hidden by the surficial mantle of glacial sediments.
   The identification in this Report of specific pathfinder trace-elements in each type of mineralized environment containing anomalous gold values will help with the interpretation of the results of such stream sediment and future rock sampling surveys.

2. Additional propsecting and sampling of mineralized float rocks encountered in conjunction with the drainage sampling survey should lead to well defined areas for follow-up by appropriate geophysical methods and eventual additional drilling.

REFERENCES CITED

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2. Bruland, T., M.Sc., P.Geol., Geological and Geophysical Report on the Haida Property, NTS 92P/9W, for Teck Corp. (operator), April 15, 1990.

3. Preto, V., BCDMPR G.E.M. 1970: Geology of the Area Between Eakin Ck. and Windy Mtn., p. 307-312

4. Tipper, H.W., GSC Bull. 196, Surficial Geology Map 1293A, Bonaparte Lake, B.C.

CERTIFICATE

I, Sam Zastavnikovich, do hereby certify that:

1. *I am a consulting geochemist with offices at 5063-56th Street, Delta, B.C., V4K 3C3, and am a 1969 graduate of the University of Alberta, with B. Ed. degree in Physical Sciences.*

2. *I have been continuously employed from 1969 to 1982, and seasonally since 1966, by Falconbridge Ltd. of Toronto and Vancouver as field geochemist working in Canada, U.S.A., the Carribean and S. America.*

3. *Since 1982 to present I have continuously practiced as a consulting geochemist in the mineral exploration industry.*

4. *I am a Fellow of the Association of Exploration Geochemists.*

5. *I am a member in good standing of the the Association of Professional Engineers and Geoscientists of British Columbia, Canada.*

6. *I have no direct nor indirect interest in the subject properties or the client company.*

7. *This report is based on my own statistical processing and interpretation of the multi-element geochemical data set for diamond drill core and surface rock samples from the Haida mineral property.*

S. Zastavnikovich, P.Geo.
Consulting Geochemist

PROFESSIONAL
S. Zastavnikovich
GEOSCIENTIST

APPENDIX I

Statement of Costs

LITHOCHEMICAL REPORT on HAIDA DRILL CORE and ROCK SAMPLES:

S. Zastavnikovich, P.Geo.,

1 Day Data Acquisition and Sorting, ...	$ 400.00
8 Days Data Processing, at 400.00/day	$ 3,200.00
2 Days Report Preparation, Writing and Assembly	$ 800.00
Total,	$ 4.400.00

APPENDIX II

HAIDA Claims, (as provided by the owners):

The Deer Lake property consists of 19 modified grid claims and 13 two post claims totalling 241 units. The claims are located in Kamloops Mining Division and are 100% owned by Electrum Resource Corp. of Vancouver, B.C..

Details of the claims are as follows:

Claim Name	Tag No.	Tenure Number	No. of Units	Expiry Date
Fort 7	7269	216687	4	Dec 30, 2000
Fort 9	7273	216702	4	Jun 25, 2001
Tun I	27470	216957	16	Sep 08, 2001
Tun II	27471	216958	20	Sep 08, 2001
Nuf#1	7822	216959	15	Sep 09, 2001
Vit 1	126997	217793	20	May 29, 2001
Vit 2	126998	217794	20	May 29, 2001
Vit 3	126999	217795	18	May 29, 2001
Vit 4	127000	217796	20	May 29, 2001
Vit 5	127401	217797	15	May 29, 2001
Vit 6	127402	217798	10	May 29, 2001
Vit 7	251411M	217799	1	May 29, 2001
Vit 8	250576M	217800	1	May 29, 2001
Vit 9	117451	218830	10	Sep 10, 2000
Vit 10	117452	218831	4	Oct 02, 2000
Vit 11	117453	218832	12	Oct 03, 2000
Vit 12	117454	218833	12	Oct 02, 2000
Vit 13	117455	218852	8	Oct 25, 2001
Vit 14	117456	218853	4	Oct 26, 2000
DL1	200057	219046	16	Feb 03, 2001
Hook 1	689345M	373514	1	Nov 21, 2001
Hook 2	689346M	373515	1	Nov 21, 2001
Hook 3	689347M	373516	1	Nov 21, 2000
Hook 4	689348M	373517	1	Nov 22, 2000
Hook 5	689349M	373518	1	Nov 22, 2000
Hook 6	684896M	373519	1	Nov 22, 2000
Hook 7	689392M		1	Mar 26, 2001
Hook 8	689393M		1	Mar 26, 2001
Hook 9	689394M		1	Mar 26, 2001
Hook 10	689395M		1	Mar 26, 2001
Hook 11	689396M		1	Mar 26, 2001
Hook 12	689397M		1	Mar 26, 2001
Hook 13	689398M		1	Mar 26, 2001

HAIDA DDHs 88-11 to 88-16

679 Cores	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W
Au ppb	1																															
Al %	-0.1	1.0																														
Ag	0.1	-0.2	1.0																													
As	0.0	-0.1	0.1	1.0																												
Ba	0.1	0.0	0.2	-0.1	1.0																											
Be	-0.1	0.0	0.1	0.0	0.2	1.0																										
Bi	-0.1	0.0	0.0	0.1	0.1	0.0	1.0																									
Ca %	0.0	0.3	-0.1	0.2	-0.4	-0.2	-0.2	1.0																								
Cd	0.0	-0.2	0.3	0.1	0.2	0.1	0.0	-0.1	1.0																							
Co	0.1	-0.1	0.2	0.3	0.0	0.0	0.0	0.1	-0.1	1.0																						
Cr	0.0	0.2	0.2	0.0	0.1	-0.1	-0.1	0.1	0.2	0.0	1.0																					
Cu	0.2	-0.2	0.3	0.3	0.0	-0.1	-0.1	0.1	0.0	0.8	0.0	1.0																				
Fe %	0.2	0.1	0.1	0.3	0.0	0.0	-0.1	0.4	-0.1	0.8	0.0	0.7	1.0																			
Ga	-0.1	0.2	0.0	-0.1	0.1	0.3	0.2	-0.2	0.0	0.0	-0.2	-0.1	0.0	1.0																		
Hg	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	1.0																	
K %	0.1	0.0	0.2	-0.1	0.7	0.2	0.2	-0.6	0.1	0.0	0.0	-0.1	-0.1	0.1	0.0	1.0																
La	0.0	-0.1	0.1	0.0	0.3	0.0	0.1	-0.6	0.1	-0.1	-0.1	-0.1	-0.2	0.2	0.0	0.3	1.0															
Mg %	0.0	0.6	0.1	-0.2	0.2	0.1	0.1	-0.4	0.0	0.0	0.3	-0.1	-0.1	0.2	-0.1	0.3	0.1	1.0														
Mn	0.0	0.4	-0.2	0.1	-0.3	-0.1	-0.2	0.9	-0.1	0.1	0.2	0.1	0.5	-0.1	0.0	-0.5	-0.4	-0.3	1.0													
Mo	0.2	-0.3	0.3	0.0	0.0	0.0	0.0	-0.1	0.4	0.0	0.2	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	-0.1	1.0												
Na %	0.0	0.1	0.1	-0.1	0.6	0.1	0.2	-0.6	0.0	0.0	-0.1	-0.1	-0.1	0.1	0.0	0.6	0.3	0.3	-0.4	-0.1	1.0											
Ni	0.2	-0.2	0.4	0.3	0.1	-0.1	-0.1	0.0	0.1	0.8	0.4	0.7	0.6	-0.1	-0.1	0.1	-0.1	0.1	0.0	0.2	-0.1	1.0										
P	0.0	0.0	0.0	0.4	-0.1	-0.1	0.0	0.3	0.0	0.6	-0.1	0.5	0.5	0.0	-0.1	-0.2	-0.1	-0.3	0.3	-0.1	-0.1	0.3	1.0									
Pb	0.0	-0.1	0.1	0.0	0.0	0.0	0.1	-0.2	0.1	-0.1	0.1	-0.1	-0.1	0.0	0.0	0.1	0.1	0.0	-0.2	0.3	0.1	-0.1	-0.1	1.0								
Sb	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.2	-0.1	0.4	0.0	0.4	0.5	0.0	0.1	-0.1	-0.1	-0.1	0.3	0.0	-0.1	0.3	0.3	0.0	1.0							
Sc	0.1	0.6	0.1	-0.1	0.0	0.0	0.0	0.3	-0.1	0.1	0.3	0.0	0.2	0.0	0.0	0.1	-0.2	0.4	0.3	0.1	0.0	0.1	0.0	-0.1	0.0	1.0						
Sr	-0.1	0.2	0.1	-0.1	0.4	0.2	0.3	-0.4	0.0	0.0	-0.1	-0.1	-0.2	0.2	-0.1	0.6	0.2	0.6	-0.4	0.0	0.6	-0.1	-0.1	0.1	-0.1	0.2	1.0					
Ti %	-0.1	0.3	0.0	-0.2	0.3	0.2	0.2	-0.6	-0.1	0.0	0.0	-0.1	-0.2	0.3	-0.1	0.4	0.3	0.6	-0.4	-0.2	0.6	-0.1	-0.2	0.0	-0.1	0.1	0.6	1.0				
Tl	0.0	0.0	0.1	0.0	-0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1	0.1	0.1	-0.1	0.0	0.0	-0.1	0.1	0.0	-0.1	-0.1	1.0			
U	0.1	-0.2	0.1	0.1	-0.1	-0.1	0.0	0.0	0.2	0.2	0.0	0.2	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.2	-0.1	0.2	0.1	-0.1	0.1	-0.1	-0.1	-0.1	0.5	1.0		
V	0.2	0.3	0.1	0.1	0.0	0.0	-0.1	0.3	0.1	0.4	0.1	0.3	0.6	0.1	-0.1	0.0	-0.1	0.2	0.4	0.0	0.0	0.3	0.2	-0.1	0.2	0.4	0.1	0.1	0.1	0.1	1.0	
W	0.2	0.2	0.1	0.2	-0.1	-0.1	-0.1	0.5	-0.1	0.6	0.1	0.4	0.7	-0.1	0.0	-0.1	-0.2	-0.1	0.6	0.0	-0.1	0.4	0.3	-0.1	0.3	0.2	-0.2	-0.2	0.0	0.1	0.4	1.0
Zn	0.0	-0.1	0.3	0.1	0.2	0.2	0.0	-0.2	0.8	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.2	0.1	-0.2	0.3	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.1	-0.1

For Electrum Res. Corp. APPENDIX III **Correlation Table 1a**

HAIDA DDH 88-12	(147 Core samples)																														
147 Cores	*Au ppb*	*Al %*	*Ag*	*As*	*Ba*	*Be*	*Bi*	*Ca %*	*Cd*	*Co*	*Cr*	*Cu*	*Fe %*	*Ga*	*Hg*	*K %*	*La*	*Mg %*	*Mn*	*Mo*	*Na %*	*Ni*	*P*	*Pb*	*Sb*	*Sc*	*Sr*	*Ti %*	*Tl*	*U*	*V*	*W*
Au ppb	1																															
Al %	-0.2	1.0																														
Ag	0.1	-0.5	1.0																													
As	-0.1	-0.1	0.3	1.0																												
Ba	0.0	-0.1	0.1	-0.1	1.0																											
Be	0.0	-0.1	0.1	0.0	0.3	1.0																										
Bi	0.1	-0.1	0.0	0.0	-0.1	0.0	1.0																									
Ca %	-0.1	**0.5**	-0.2	0.3	-0.4	-0.2	-0.1	1.0																								
Cd	0.0	-0.3	0.3	0.0	0.3	**0.4**	0.0	-0.3	1.0																							
Co	0.0	-0.2	**0.4**	**0.6**	-0.2	0.0	0.0	0.3	-0.1	1.0																						
Cr	-0.1	0.0	0.1	-0.1	-0.1	0.2	0.0	0.1	0.1	-0.2	1.0																					
Cu	0.0	-0.2	**0.4**	**0.6**	-0.2	0.0	0.0	0.2	-0.1	**0.9**	-0.2	1.0																				
Fe %	0.0	0.0	0.2	**0.6**	-0.2	-0.2	-0.1	**0.5**	-0.2	**0.8**	-0.3	**0.8**	1.0																			
Ga	0.0	0.1	-0.1	-0.1	0.1	0.1	0.2	-0.1	0.0	-0.1	-0.2	-0.1	-0.1	1.0																		
Hg	0.1	0.0	0.1	-0.1	**0.5**	0.1	0.0	-0.1	0.2	-0.1	0.0	-0.1	-0.1	0.1	1.0																	
K %	0.1	-0.2	0.3	-0.2	**0.7**	0.2	0.0	-0.5	0.2	-0.3	0.0	-0.3	-0.3	0.0	0.3	1.0																
La	0.0	-0.4	**0.4**	-0.2	**0.5**	0.3	-0.1	-0.6	**0.4**	-0.3	0.2	-0.3	-0.4	0.0	0.2	**0.6**	1.0															
Mg %	0.1	0.2	-0.1	-0.4	0.3	0.1	-0.1	-0.4	0.0	-0.4	-0.2	-0.4	-0.5	0.0	0.2	**0.5**	0.3	1.0														
Mn	-0.2	**0.6**	-0.3	0.2	-0.3	-0.1	-0.2	**0.9**	-0.3	0.2	0.1	0.2	**0.5**	0.0	-0.1	-0.5	-0.6	-0.4	1.0													
Mo	0.2	-0.2	0.2	-0.2	0.0	0.1	0.3	-0.2	0.3	-0.1	0.3	-0.1	-0.2	-0.1	0.0	0.1	0.0	0.1	-0.3	1.0												
Na %	0.1	-0.1	-0.1	-0.2	**0.5**	0.0	0.1	-0.5	0.1	-0.2	-0.1	-0.2	-0.3	0.0	0.2	**0.5**	0.2	**0.4**	-0.5	0.1	1.0											
Ni	0.1	-0.4	**0.5**	**0.5**	-0.2	-0.1	0.0	0.2	0.0	**0.9**	0.0	**0.8**	**0.7**	-0.2	-0.1	-0.1	-0.1	-0.4	0.1	-0.1	-0.3	1.0										
P	-0.1	0.0	0.2	**0.7**	-0.2	-0.2	-0.1	**0.5**	-0.1	**0.7**	-0.2	**0.7**	**0.8**	-0.1	-0.2	-0.4	-0.4	-0.5	**0.4**	-0.2	-0.3	**0.6**	1.0									
Pb	0.0	-0.2	0.2	-0.1	0.0	0.0	0.2	-0.2	0.1	-0.1	**0.4**	-0.1	-0.2	0.0	0.0	0.0	0.1	-0.1	-0.2	**0.5**	0.1	-0.1	-0.1	1.0								
Sb	0.0	-0.1	0.2	**0.5**	-0.1	-0.1	0.0	0.3	-0.1	**0.7**	-0.2	**0.6**	**0.8**	-0.1	-0.1	-0.3	-0.3	-0.4	0.3	-0.1	-0.3	**0.6**	**0.6**	-0.1	1.0							
Sc	0.0	**0.6**	-0.3	0.0	-0.2	0.0	0.0	**0.5**	-0.2	-0.1	0.3	-0.1	0.0	-0.1	0.0	-0.2	-0.3	0.1	**0.5**	0.1	-0.2	-0.1	0.1	-0.1	0.0	1.0						
Sr	0.0	0.0	0.0	-0.2	**0.4**	0.1	0.0	-0.4	0.2	-0.2	-0.2	-0.1	-0.3	-0.1	0.2	**0.4**	0.1	**0.6**	-0.4	0.1	**0.7**	-0.2	-0.3	0.0	-0.2	-0.1	1.0					
Ti %	0.1	0.3	-0.2	-0.3	0.3	0.0	-0.2	-0.3	-0.2	-0.2	-0.3	-0.2	-0.3	0.1	0.1	0.2	0.0	**0.5**	-0.2	-0.1	**0.5**	-0.3	-0.3	-0.2	-0.3	-0.1	**0.4**	1.0				
Tl	0.0	-0.1	-0.1	0.1	-0.1	0.0	0.1	0.0	-0.1	0.2	-0.2	0.2	0.2	-0.1	-0.1	-0.1	-0.2	-0.1	0.0	0.0	0.0	0.1	0.2	-0.1	0.3	-0.1	0.0	0.0	1.0			
U	0.0	-0.2	0.2	0.3	-0.1	-0.1	0.2	0.1	-0.1	**0.5**	-0.2	**0.4**	**0.5**	-0.1	-0.1	-0.2	-0.2	-0.2	0.1	0.0	-0.1	0.3	**0.4**	-0.1	**0.5**	-0.1	-0.1	-0.2	**0.6**	1.0		
V	0.0	0.3	-0.1	0.3	-0.1	-0.1	-0.2	**0.6**	0.0	**0.4**	-0.2	**0.4**	**0.6**	-0.1	0.0	-0.3	-0.4	-0.2	**0.6**	-0.2	-0.2	0.3	**0.4**	-0.2	**0.4**	0.2	-0.1	0.0	0.1	0.2	1.0	
W	0.1	0.1	0.1	0.3	-0.2	-0.2	-0.1	**0.5**	-0.2	**0.6**	-0.1	**0.6**	**0.7**	-0.1	-0.1	-0.2	-0.3	-0.3	**0.5**	-0.2	-0.2	**0.6**	**0.5**	-0.1	**0.6**	0.1	-0.2	-0.2	0.0	0.3	**0.5**	1.0
Zn	0.0	-0.4	**0.4**	0.0	**0.4**	**0.4**	0.0	-0.4	**0.8**	-0.1	0.1	0.0	-0.2	0.0	0.2	**0.4**	**0.6**	0.1	-0.4	0.1	0.2	0.0	-0.2	0.1	-0.1	-0.3	0.1	-0.1	0.0	0.0	-0.2	-0.3

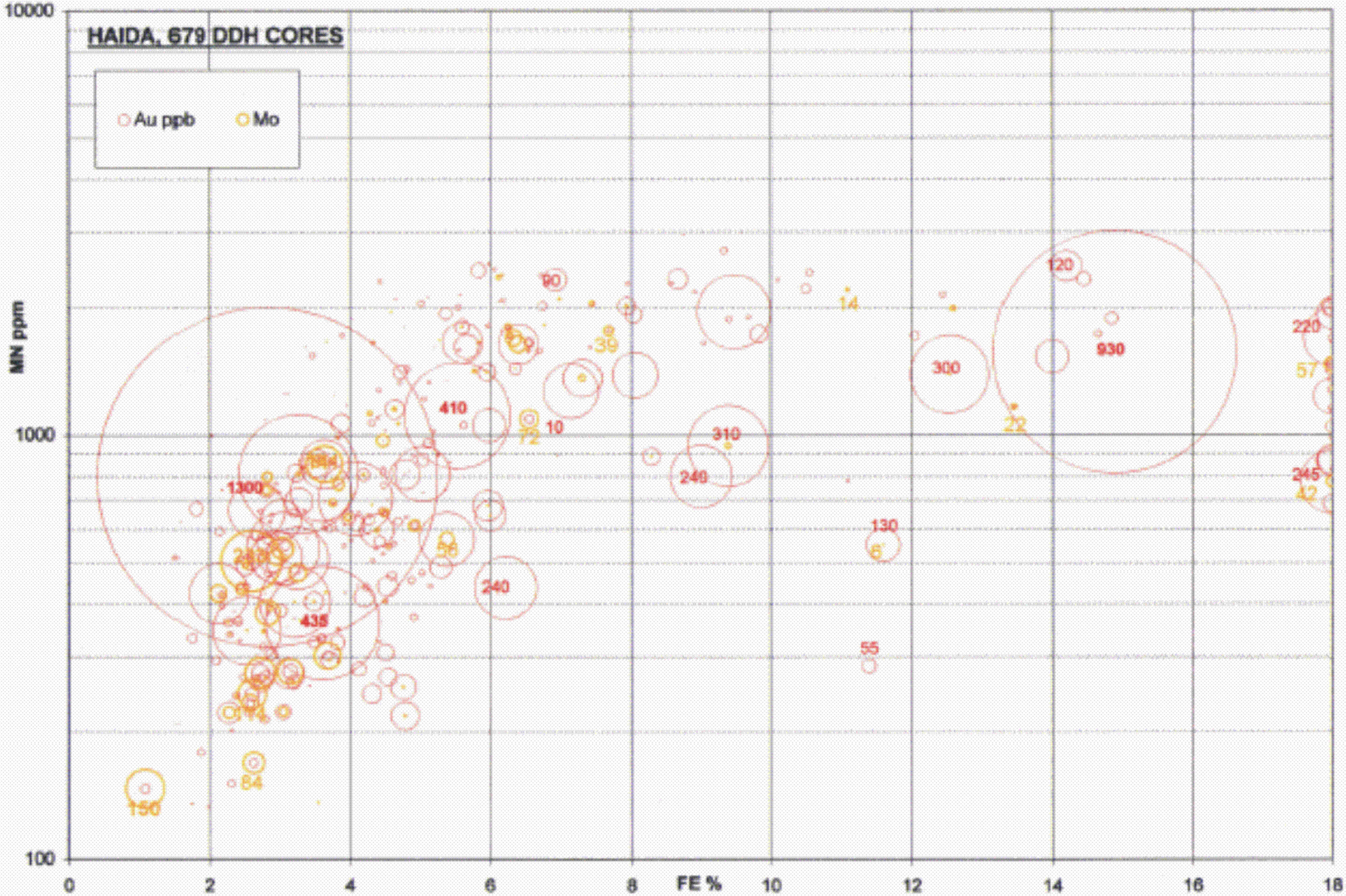
Aug. '00 S. Zastavnikovich, P. Geo.

HAIDA ROCKS

575Rocks	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	U	V	W
Al %	-0.1	1.0																													
Ag	0.6	-0.1	1.0																												
As	0.1	0.1	0.1	1.0																											
Ba	0.0	0.0	0.2	0.1	1.0																										
Be	0.0	0.0	0.0	0.1	0.0	1.0																									
Bi	0.1	0.0	0.3	0.6	0.1	0.0	1.0																								
Ca %	0.0	0.2	-0.1	0.0	-0.1	-0.1	0.0	1.0																							
Cd	0.3	0.0	0.6	0.3	0.6	0.1	0.4	0.0	1.0																						
Co	0.0	-0.1	0.0	0.1	-0.1	-0.1	0.0	-0.1	0.0	1.0																					
Cr	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	-0.1	-0.1	1.0																				
Cu	0.1	-0.1	0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	0.4	-0.1	1.0																			
Fe %	0.1	0.0	0.1	0.1	-0.1	0.0	0.1	0.1	0.1	0.4	-0.1	0.3	1.0																		
Ga	0.1	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.2	1.0																	
Hg	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.2	-0.1	0.0	-0.1	-0.1	0.0	1.0																
K %	0.0	0.1	0.1	0.3	0.4	0.3	0.2	-0.2	0.4	-0.1	0.0	-0.1	-0.1	-0.1	0.1	1.0															
La	0.0	-0.1	0.0	0.0	0.2	0.0	0.0	-0.2	0.1	0.1	-0.1	0.1	0.0	0.2	0.1	0.0	1.0														
Mg %	-0.1	0.6	0.0	0.0	0.1	0.1	0.0	-0.3	0.0	-0.1	0.4	-0.1	-0.2	0.0	-0.1	0.3	0.0	1.0													
Mn	0.2	0.1	0.4	0.3	0.6	0.0	0.4	0.2	0.8	-0.1	0.0	-0.1	0.1	0.0	0.3	0.4	0.0	0.0	1.0												
Mo	0.4	-0.1	0.6	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0											
Na %	-0.1	0.1	0.0	0.1	0.1	0.3	0.0	-0.4	-0.1	-0.1	0.0	-0.1	-0.3	-0.1	-0.1	0.3	0.0	0.3	-0.2	0.0	1.0										
Ni	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.8	0.2	0.3	0.3	0.1	-0.1	-0.1	0.1	0.1	0.0	0.0	-0.1	1.0									
P	0.0	0.0	-0.1	0.1	-0.1	-0.1	-0.1	0.3	-0.1	0.2	-0.1	0.1	0.2	0.1	0.0	-0.2	0.1	-0.2	0.0	-0.1	-0.2	0.2	1.0								
Pb	0.6	0.0	0.8	0.1	0.3	0.0	0.3	0.0	0.8	0.0	-0.1	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.6	0.0	0.0	0.0	-0.1	1.0							
Sb	0.2	0.0	0.3	0.8	0.1	0.1	0.6	0.0	0.4	0.1	0.0	0.0	0.1	0.2	0.0	0.3	0.0	-0.1	0.6	0.1	0.0	0.0	0.1	0.3	1.0						
Sc	-0.1	0.6	0.0	0.0	0.1	0.1	0.0	0.2	0.0	-0.1	0.4	-0.1	0.0	-0.1	0.0	0.3	-0.2	0.6	0.2	0.0	0.2	0.1	-0.1	0.0	0.0	1.0					
Sr	0.1	-0.1	0.2	0.1	0.6	0.1	0.1	0.1	0.3	-0.1	0.0	-0.1	-0.2	0.0	0.2	0.3	0.1	0.2	0.4	0.0	0.1	0.0	-0.1	0.3	0.1	0.1	1.0				
Ti %	-0.1	0.3	-0.1	-0.1	0.0	0.4	-0.1	-0.2	-0.1	-0.1	0.1	-0.1	-0.2	0.0	-0.1	0.1	-0.1	0.4	-0.1	-0.1	0.4	-0.1	-0.2	-0.1	-0.1	0.3	0.0	1.0			
U	0.2	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.2	0.3	0.0	0.2	0.0	-0.1	0.3	0.0	-0.1	0.1	0.0	0.3	0.3	0.0	0.2	-0.1	1.0		
V	-0.1	0.2	-0.1	0.0	-0.1	0.3	0.0	0.1	-0.1	0.0	0.3	0.1	0.4	0.1	-0.1	0.0	-0.1	0.2	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1	0.3	-0.2	0.4	0.1	1.0	
W	0.0	0.0	0.0	0.0	0.1	-0.1	0.0	0.1	0.1	0.1	-0.1	0.1	0.4	0.1	0.1	-0.1	0.0	-0.2	0.1	0.0	-0.2	0.1	0.2	0.0	0.1	0.0	-0.1	-0.2	0.0	0.2	1.0
Zn	0.3	-0.1	0.6	0.1	0.6	0.0	0.3	0.0	0.9	0.0	-0.1	-0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.7	0.0	-0.1	0.0	-0.1	0.9	0.3	0.0	0.4	-0.1	0.3	-0.1	0.1

HAIDA ROCKS															
Location	**TR13**	**TR12**	**TR11,A,10**	**TR08**	**TR05,5A**	**TR04,4A**	**TR03**	**TR02,1A**	**TR01**	**TR,old**	**PITS**	**BX**	**QTZ Vs**	**Au>20ppb**	**Au<20ppb**
#Samples	10 rx	33 rx	33 rx	24 rx	64 rx	77 rx	33 rx	33 rx	57 rx	11 rx	26 rx	13 rx	18 rx	278 rx	297 rx
FE %	(.2)5.6-6.9	5.1>18.0	1.5>18.0	7.0>18.0	1.0>18.0	1.6>18.0	2.5-14.0	2.7>18.0	2.3>18.0	2.1>18.0	1.0>18.0	3.6>18.0	0.3-5.7	0.7>18.0	0.2>18.0
MN ppm	950-3000	550-3500	250-3200	850-3100	100-2700	300-2800	350-1300	400-2900	300-3000	300-2600	500>15000	700>15000	50-1300	60>15000	50>15000
Au max.ppb	**1910**	**1090**	**480**	**155**	**950**	**15000**	**810**	**380**	**570**	**2040**	**15000**	**15000**	**9760**	**15000**	**20**
Al %	0.2	-0.2	0.3	-0.4	-0.1	0.0	0.2	-0.6	0.0	-0.4	-0.1	-0.2	-0.2	-0.1	0.0
Ag	-0.2	0.1	0.1		0.0	0.1	0.7	0.6	0.1		0.8	1.0	1.0	0.6	0.1
As	0.0	0.5	-0.1	0.6	0.9	0.2	0.0	0.3	0.3	-0.7	0.0	0.0	0.2	0.1	0.1
Ba	0.2	0.3	0.0	0.0	0.0		-0.2	-0.1	0.3	0.1	-0.1	0.2	0.1	0.0	0.1
Be										-0.3	0.3	0.3	-0.1	0.1	-0.1
Bi						0.5		0.5			0.0	0.1		0.1	0.0
Ca %	-0.2	-0.1	0.9	0.0	-0.1	-0.1	-0.2	-0.2	0.0	0.0	0.0	0.0	-0.1	0.0	0.1
Cd	0.2		0.0		0.0	-0.1	0.0	-0.1	0.0		0.5	0.9	0.4	0.3	0.0
Co	0.0	0.5	-0.3	0.4	0.4	-0.1	0.2	0.1	0.1	0.9	-0.1	-0.2	-0.2	-0.1	0.2
Cr	0.0	-0.2	0.2	-0.2	-0.1	0.0	0.0	-0.3	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	0.0
Cu	0.0	0.2	-0.3	0.5	0.4	-0.1	0.7	0.3	0.3	0.5	-0.1	-0.2	0.9	0.0	0.1
Fe %	**0.3**	**0.4**	-0.1	**0.5**	**0.3**	**0.1**	0.2	**0.6**	**0.3**	**0.7**	0.2	0.2	0.1	0.0	**0.2**
Hg						-0.1	0.1		-0.1		-0.1	-0.1	-0.1	0.0	0.0
K %	0.6	-0.1	-0.3	-0.1	0.0	-0.1	0.0	-0.1	0.4	-0.1	0.1	0.1	-0.1	0.0	0.0
La						0.1		-0.1	0.3		-0.2			0.1	0.1
Mg %	0.5	-0.2	-0.3	-0.3	-0.1	-0.1	0.2	-0.3	0.0	-0.5	-0.2	-0.3	-0.1	-0.1	0.0
Mn	0.2	-0.1	0.8	-0.1	0.0	0.0	-0.1	-0.2	-0.2	0.0	0.3	0.5	0.1	0.2	0.1
Mo	0.2	0.0	-0.1	0.1	0.7	-0.1	0.2	0.6	0.3	0.2	0.1	0.0	1.0	0.3	0.1
Na %			-0.4	-0.1	0.0	0.0	0.2	0.0	-0.1	-0.4	0.0	-0.2	-0.1	0.0	0.0
Ni	-0.1	0.3	0.0	0.5	0.1	-0.1		0.1	0.1	0.1	-0.2	-0.2	-0.1	-0.1	0.0
P	-0.1	-0.1	**0.9**	**0.4**	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	0.0	0.1
Pb											0.8	1.0	0.4	0.5	0.0
Sb				0.1	0.8		0.2				0.3	0.2	1.0	0.2	0.2
Sr	-0.2	-0.2	0.0	-0.2	-0.1	-0.1	-0.2	-0.2	0.1	-0.1	0.2	0.3	0.1	0.2	0.0
Ti %	0.3	-0.1	-0.3	-0.2	-0.2	-0.1	0.2	-0.3	0.1	-0.5	-0.3	-0.4	-0.1	-0.1	-0.1
Tl						0.0								0.0	0.2
U				0.2	0.1	-0.1					0.5	0.6		0.2	0.1
V	0.2	0.2	0.1	0.1	0.3	-0.1	-0.1	0.5	0.2	0.2	-0.2	-0.3	0.6	-0.1	0.1
W			-0.1	0.2	0.4	0.0	0.0	0.3	0.2	0.6	-0.2	-0.2	0.2	-0.1	0.2
Zn	0.2	0.1	-0.3	0.1	0.3	0.1	0.6	-0.1	-0.1	0.6	0.6	1.0	0.1	0.3	0.1

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	**HAIDA, 575 Rocks**												
2	**# of Samples:**	575Rocks	126Rx	278Rx	297Rx	281Rx	145Rx	136Rx	75Rx	158Rx	61RX	(bx),13Rx	(qtz)18Rx
3	**Fe % range:**	0.2>18.0	(2.3)3.0>18	0.7>18.0	0.2>18.0	8.9>18.0	8.9>18.0	8.9>18.0	<8.9-6.5	<6.5-2.8	<2.8-0.2	3.6>18.0	0.3-5.7
4	**Mn ppm range:**	50>15000	200-3800*	100-3800*	100-4600**	200>15000	200-3800*	200-3600	200-3500	100-4600**	50-1500	700>15000	50-1300
5	**Au ppb range:**	0-15000	100-15000	25-15000	<25-0	0-15000	55-15000	<55-0	0-620	0-720+	0-85++	0-15000	0-9760
6	Al %	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.2	0.0	-0.2	-0.2	-0.2	-0.2
7	Ag	0.6	0.6	0.6	0.0	0.5	0.5	-0.1	0.2	1.0	0.1	1.0	1.0
8	As	0.1	0.0	0.1	0.1	0.1	0.0	0.2	0.0	0.1	-0.1	0.0	0.2
9	Ba	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.2	0.2	0.1
10	Be	0.0	0.1	0.1	-0.1	0.0	0.1	-0.1	-0.1	0.0	0.0	0.3	-0.1
11	Bi	0.1	0.0	0.1	0.0	0.1	0.1	-0.3	-0.1	0.0	0.1	0.1	---
12	Ca %	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.0	-0.1	0.0	-0.1
13	Cd	0.3	0.3	0.3	0.0	0.3	0.3	-0.1	0.0	0.0	0.0	0.9	0.4
14	Co	0.0	-0.1	-0.1	0.2	-0.1	-0.1	0.4	-0.1	-0.1	-0.1	-0.2	-0.2
15	Cr	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	0.0	0.0	-0.2	-0.1
16	Cu	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.0	-0.2	0.9
17	Fe %	0.1	-0.1	0.0	0.2	0.0	-0.1	0.1	0.1	-0.1	0.0	0.2	0.1
18	Hg	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	0.3	0.0	0.0	-0.1	-0.1
19	K %	0.0	0.1	0.0	0.0	0.1	0.1	-0.3	0.0	-0.1	0.1	0.1	-0.1
20	La	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.0	-0.1	-0.1	-0.1
21	Mg %	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.3	-0.1
22	Mn	0.2	0.3	0.2	0.1	0.3	0.3	0.0	0.1	0.0	0.1	0.5	0.1
23	Mo	0.4	0.3	0.4	0.1	0.0	0.0	0.1	0.2	1.0	0.1	0.0	1.0
24	Na %	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.4	-0.1	-0.1	0.2	-0.2	-0.1
25	Ni	0.0	-0.1	-0.1	0.0	0.0	-0.1	0.3	-0.1	0.0	-0.2	-0.2	-0.1
26	P	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.1	-0.1	-0.1	-0.2	-0.2
27	Pb	0.5	0.5	0.5	0.0	0.5	0.5	-0.1	0.0	0.2	0.1	1.0	0.5
28	Sb	0.2	0.2	0.2	0.2	0.2	0.1	0.3	0.0	0.5	-0.1	0.2	1.0
29	Sr	0.1	0.2	0.2	0.0	0.2	0.2	-0.1	0.0	0.1	0.0	0.3	0.1
30	Ti %	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.3	-0.1	-0.1	-0.2	-0.4	-0.1
31	Tl	0.0	-0.1	0.0	0.2	0.0	-0.1	0.0	0.0	0.0	0.0	---	---
32	U	0.2	0.2	0.2	0.1	0.2	0.2	0.0	-0.1	0.0	0.1	0.6	---
33	V	-0.1	-0.1	-0.1	0.1	-0.1	-0.1	-0.2	0.0	0.1	-0.2	-0.3	0.6
34	W	0.0	-0.1	-0.1	0.2	-0.1	-0.1	0.1	0.2	0.0	0.0	-0.2	0.2
35	Zn	0.3	0.4	0.4	0.1	0.4	0.4	-0.1	0.1	0.0	0.0	1.0	0.1
36	*excludes the 8 old pits +2 undesorb'd (fault bx?) rocks with Mn>15000 +excl. 1qtz. vn. 9760ppbAu sample												
37	**excludes 3(4) undescrib'd rocks (flt.bx?) +1 'pbzn show' with Mn>15000 excl. 1qtz. vn. 370ppbAu sample												


HAIDA, 679 DDH CORES
Au ppb
Mo
MN ppm
FE %
10000
1000
100
0
2
4
6
8
10
12
14
16
18
1300
435
410
10
72
90
39
14
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245
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84
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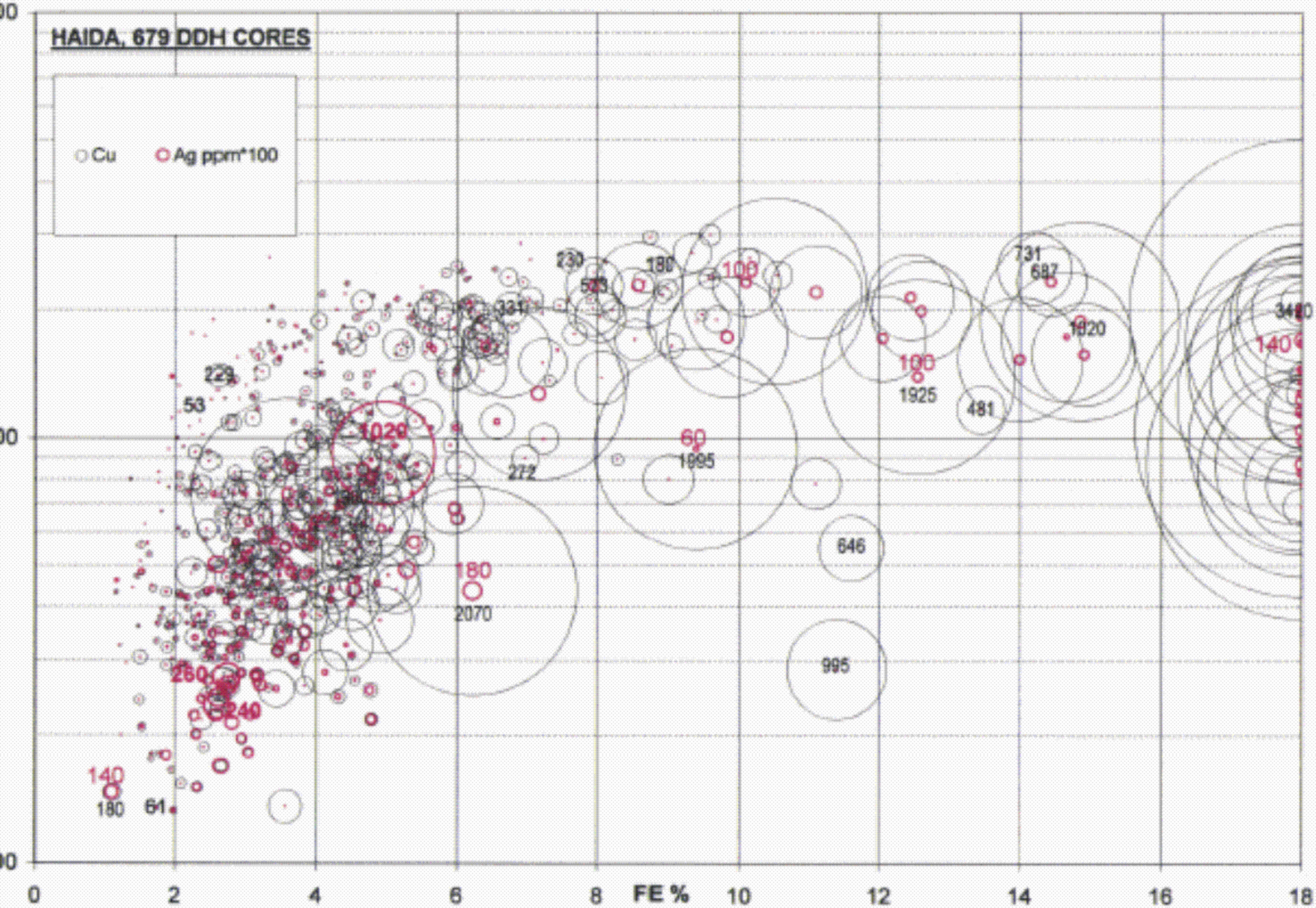
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Ag ppm*100
0
2
4
6
8
FE %
10
12
14
16
18
1029
180
2070
60
1995
100
1925
140
180
61
260
240
646
995
481
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687
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230
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523
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53
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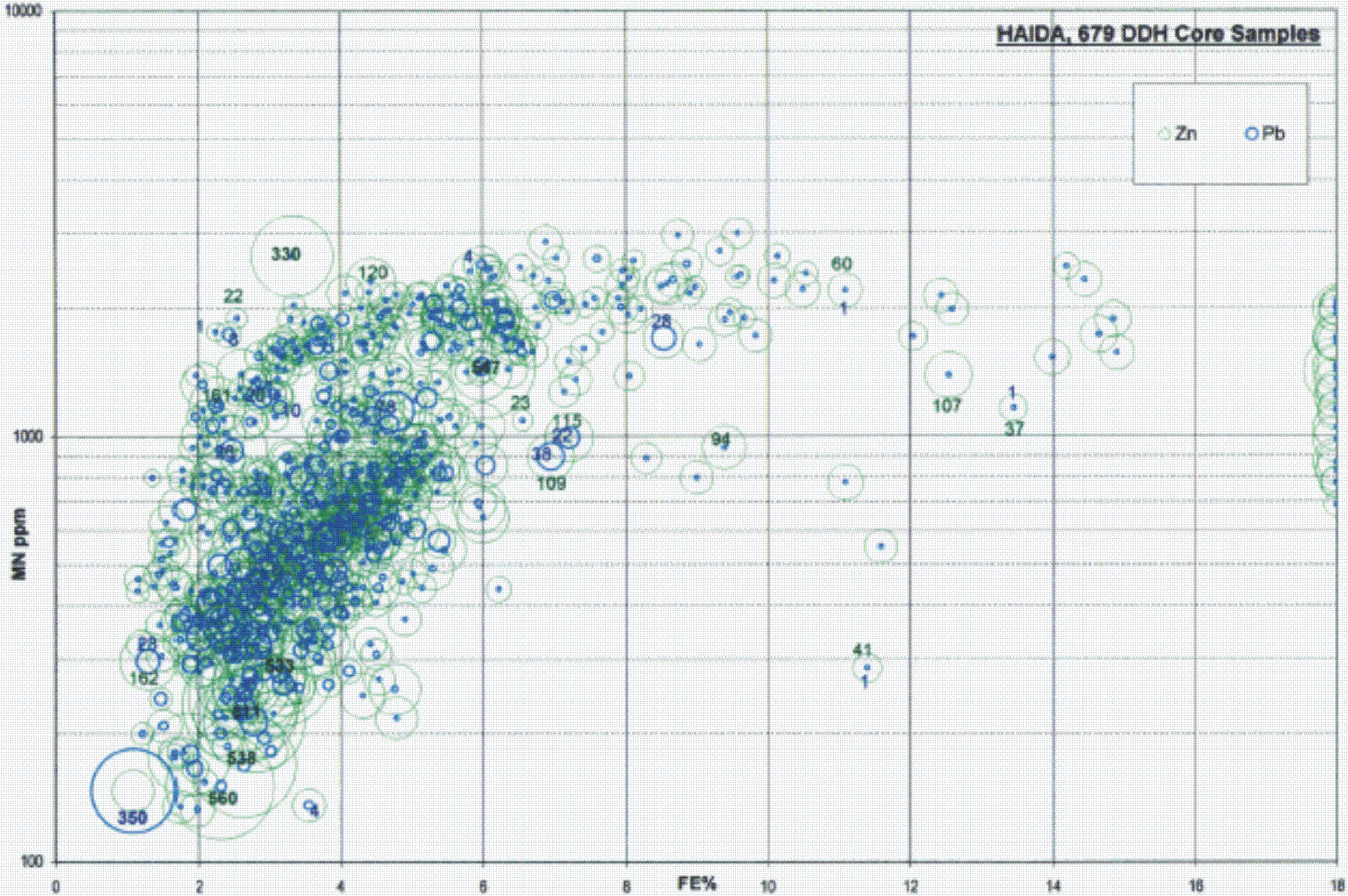
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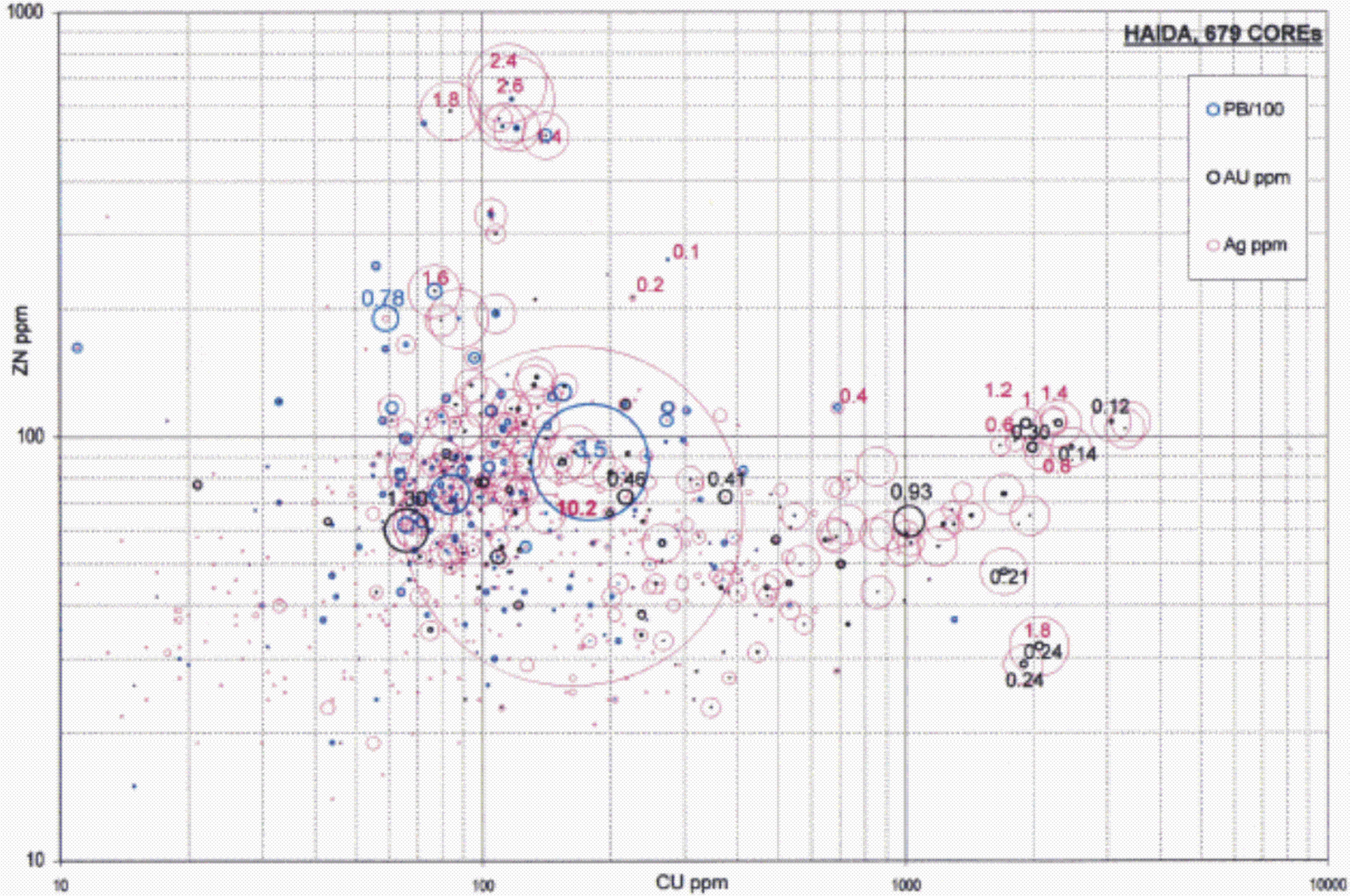
Pb
MN ppm
FE%
10000
1000
100
0
2
4
6
8
10
12
14
16
18


HAIDA, 679 COREs
PB/100
AU ppm
Ag ppm
ZN ppm
CU ppm
1000
100
10
10
100
1000
10000
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2.6
1.8
0.4
0.1
0.2
1.6
0.78
3.5
0.46
0.41
10.2
1.30
0.4
0.93
1.2
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1.4
0.12
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0.8
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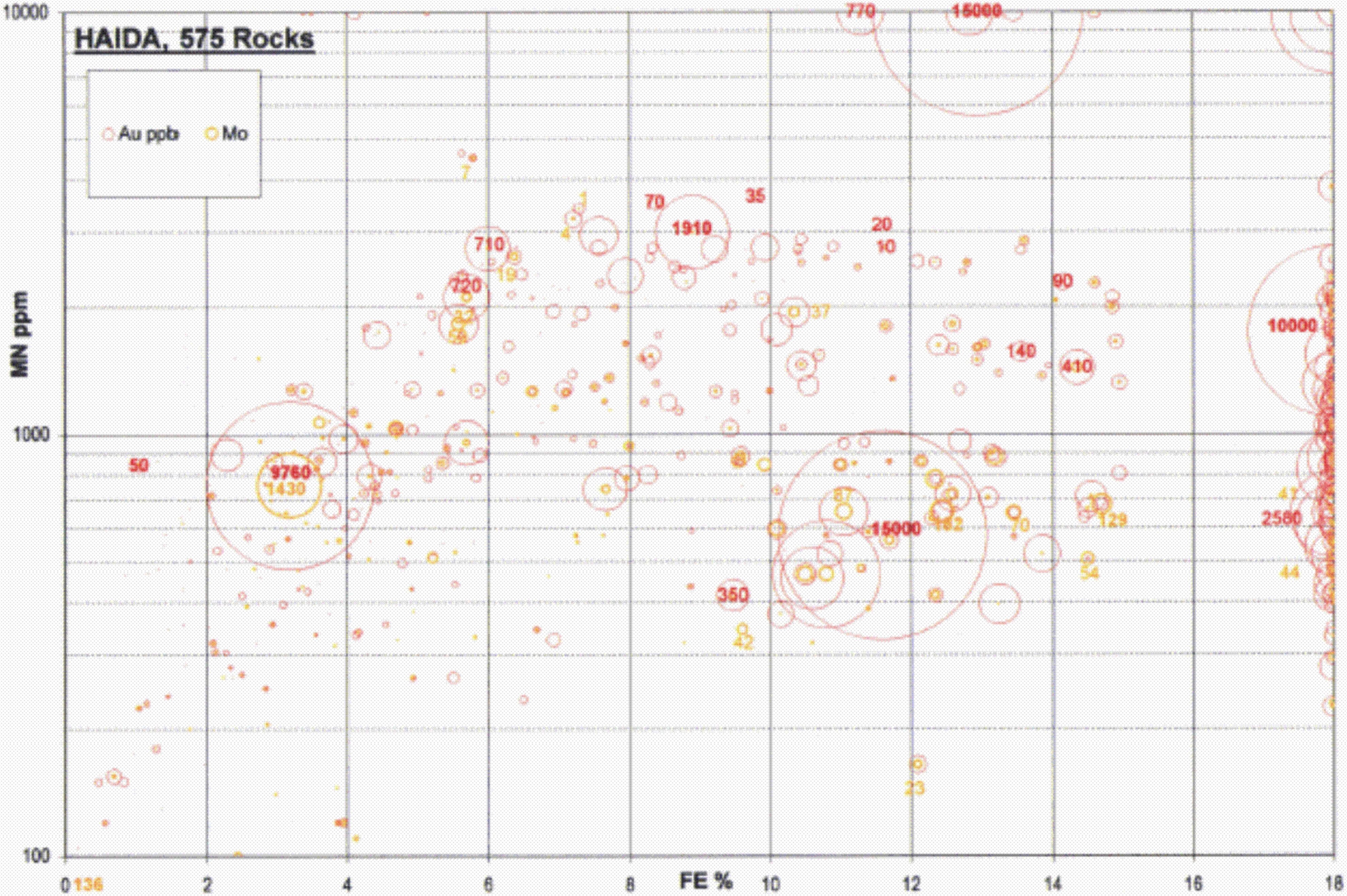
0.24
0.24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Au ppb
Mo
MN ppm
FE %
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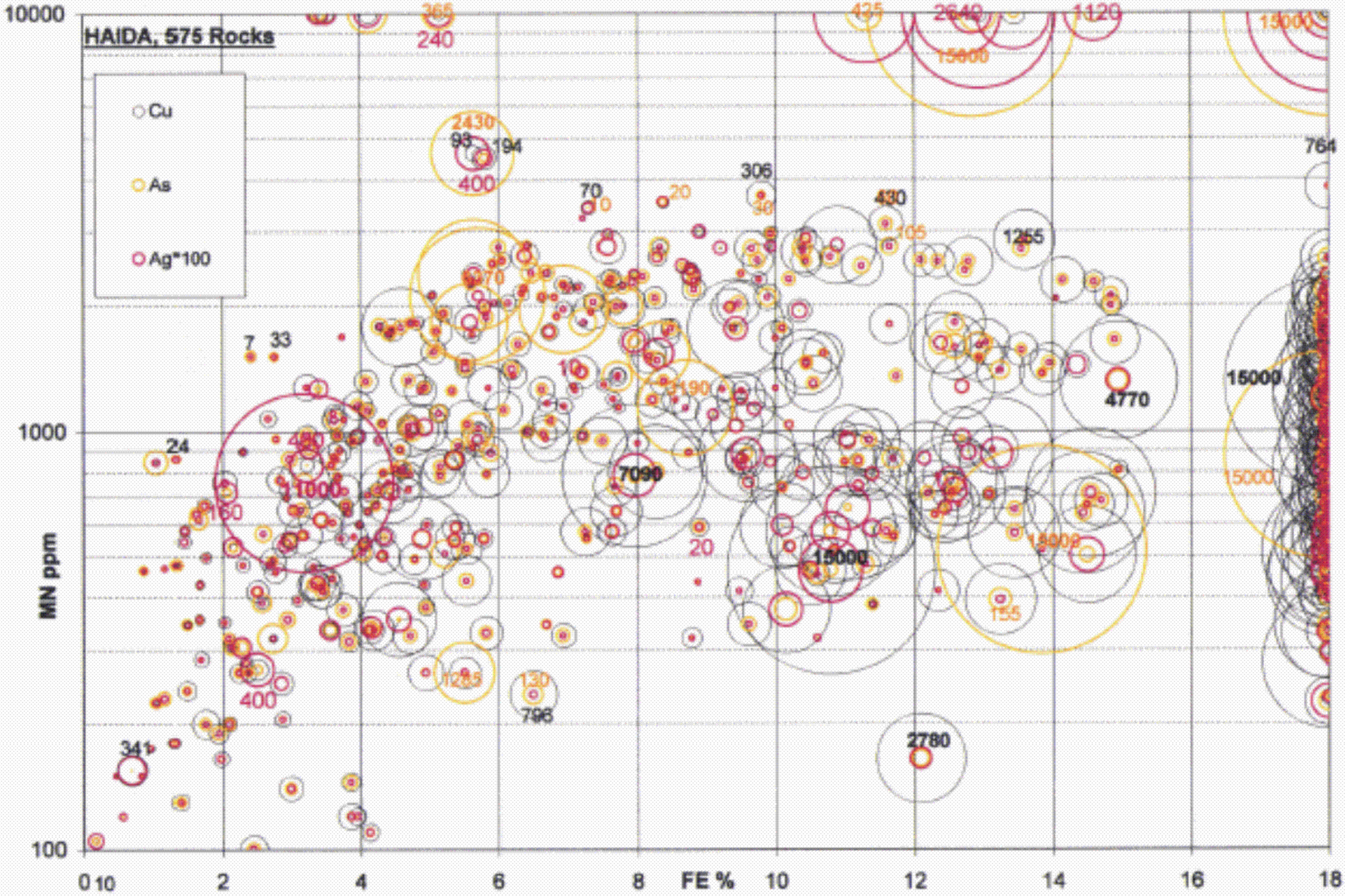
1000
100
0
2
4
6
8
10
12
14
16
18
136
770
15000
1910
710
720
9760
1430
10000
2560
410
140
350
50
129
54
44
42
23
37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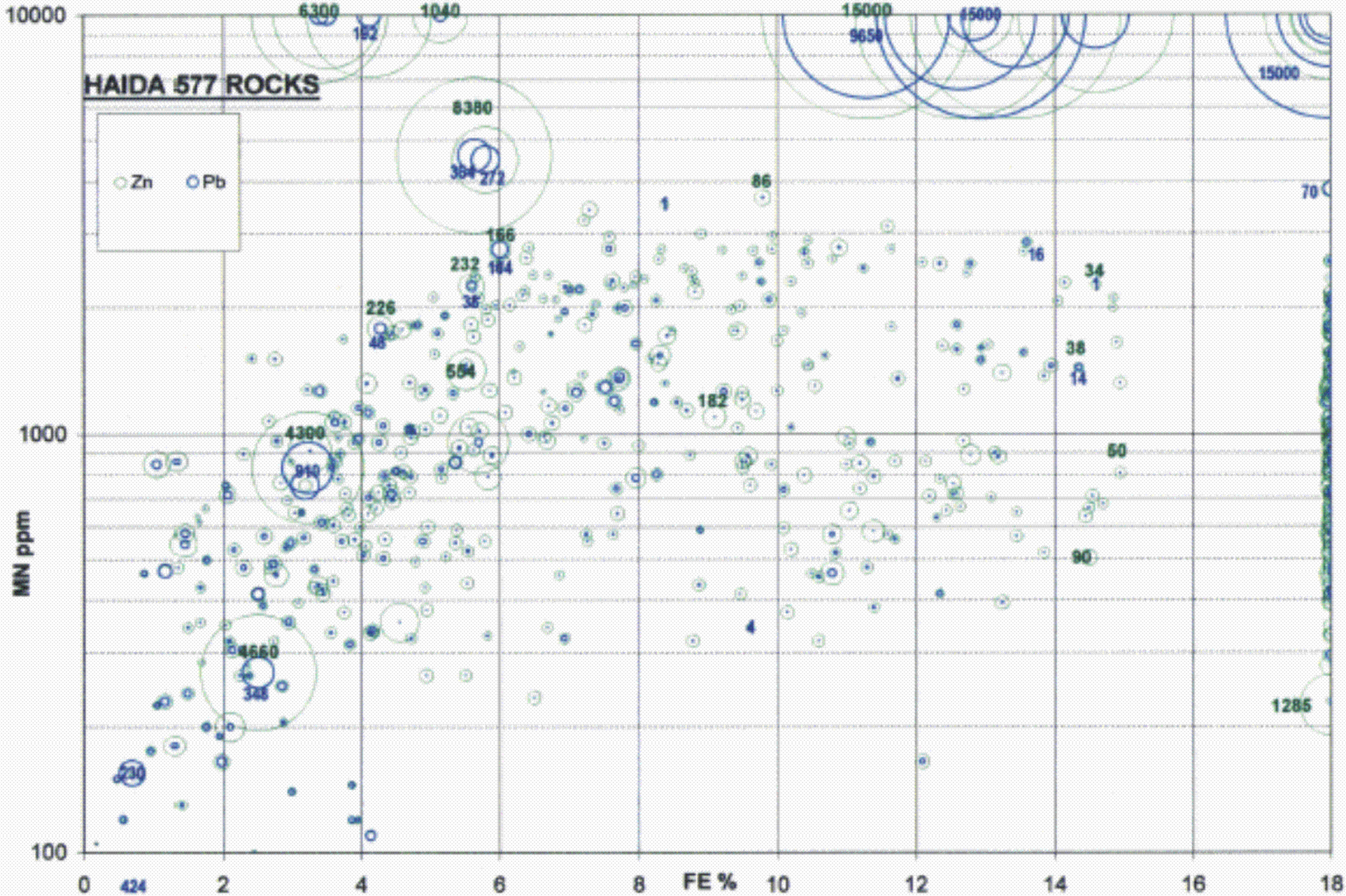
Cu
As
Ag*100
MN ppm
FE %
10000
1000
100
0
2
4
6
8
10
12
14
16
18


HAIDA 577 ROCKS
Zn
Pb
MN ppm
FE %
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1000
100
0
2
4
6
8
10
12
14
16
18
6300
1040
192
15000
9650
15000
15000
6380
384
272
86
1
70
166
232
164
16
34
1
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90
4660
348
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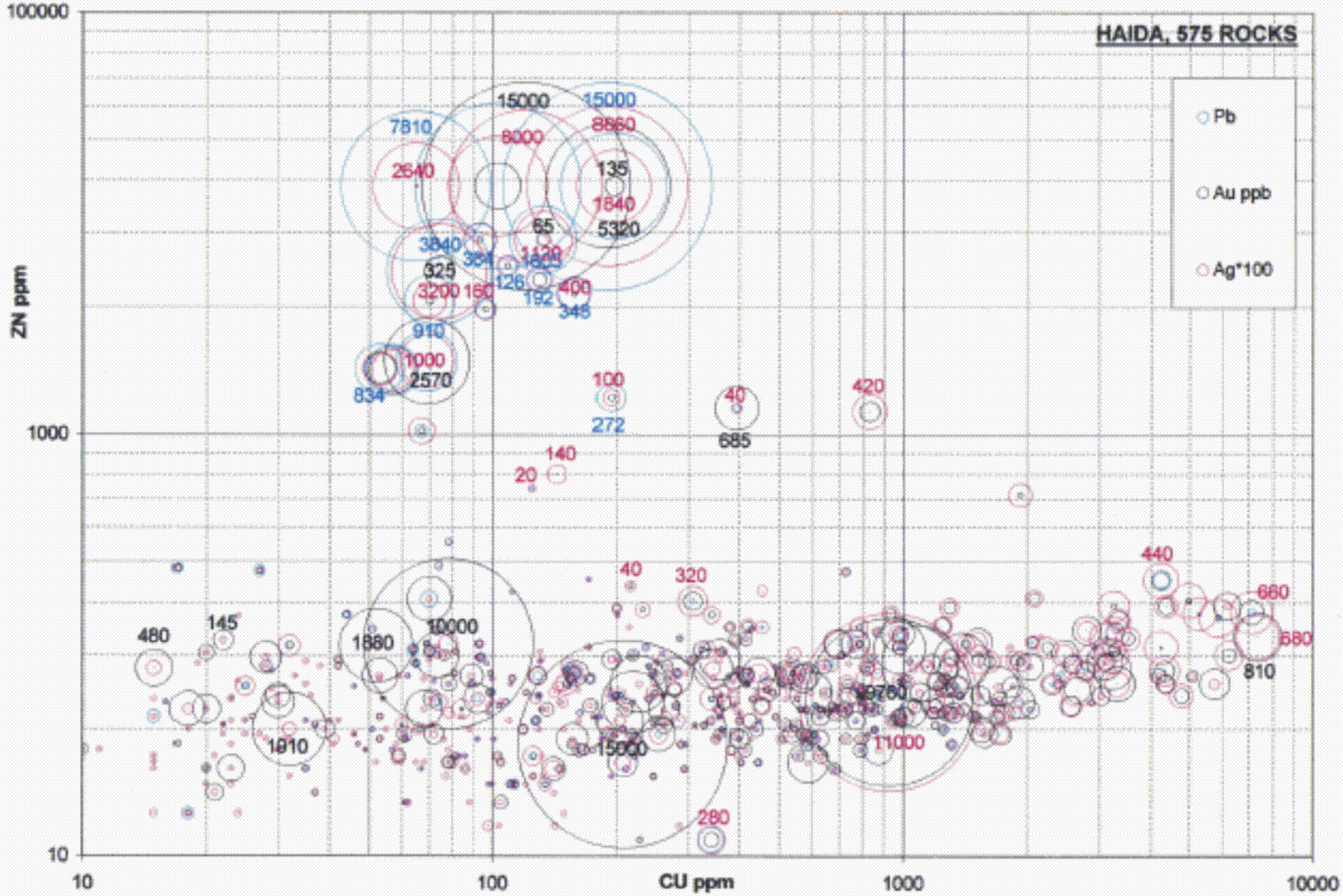
230
424
4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Pb
Au ppb
Ag*100
ZN ppm
CU ppm
100000
1000
10
10
100
1000
10000
15000
15000
7810
8860
8000
2640
135
1840
65
5320
3840
384
1420
1825
325
126
3200
160
192
400
348
910
1000
2570
834
100
272
40
685
420
140
20
440
660
680
810
40
320
480
145
1880
10000
1910
15000
9760
11000
280

DDH	m.	Au pp	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-12	5.0	1	1.87	0.1	25	1	0.1	4	6.28	0.1	4	35	17	2.84	10	0.1	0.01	1	0.26	1345	0.1	0.01	4	1230	4	1	2	16	0.06	1	1	79	5	42
88-12	6.0	1	2.16	0.1	40	10	0.1	1	7.44	0.1	8	75	45	3.68	10	0.1	0.01	1	0.38	1635	0.1	0.02	9	2300	14	1	6	13	0.09	1	1	110	1	42
88-12	7.0	1	2.02	0.1	50	1	0.1	1	9.34	0.1	3	70	42	3.85	10	0.1	0	1	0.25	1420	0.1	0.01	3	1620	16	5	2	17	0.06	1	1	67	5	37
88-12	8.0	1	1.85	0.1	10	1	0.1	2	6.34	0.1	0.1	51	9	2.9	10	0.1	0	1	0.41	1235	0.1	0.01	1	1060	20	1	2	16	0.04	1	1	43	5	53
88-12	9.0	1	2.51	0.2	35	1	0.1	1	10.2	0.1	9	82	5	3.7	1	0.1	0.01	1	0.6	1835	0.1	0.02	11	1310	10	5	4	26	0.06	1	1	62	20	45
88-12	9.8	20	2.36	0.4	75	1	0.1	1	13.8	0.1	26	101	128	6.19	1	0.1	0	1	0.32	2080	0.1	0.01	17	3060	1	5	5	16	0.04	1	10	81	35	28
88-12	11.0	45	0.96	0.2	40	30	0.1	1	4	0.1	41	39	226	18	1	0.1	0.06	1	0.32	1420	0.1	0.02	46	3840	1	10	3	27	0.02	10	20	53		212
88-12	12.0	30	2.07	0.6	160	50	0.1	1	8.2	0.1	143	58	1680	18	1	0.1	0.07	1	0.61	1090	0.1	0.02	86	6980	1	10	6	68	0.06	10	10	203		96
88-12	13.0	50	1.79	0.6	150	60	0.1	1	7.18	0.1	168	48	2250	18	1	0.1	0.08	1	0.62	1450	0.1	0.02	125	8090	1	5	4	58	0.06	10	10	169		106
88-12	14.0	30	1.71	0.6	140	40	0.1	4	8.23	0.1	196	60	1810	18	1	0.1	0.06	1	0.49	1355	0.1	0.02	179	6070	1	15	5	68	0.06	10	20	207		97
88-12	15.0	20	1.58	0.8	105	30	0.1	1	5.9	0.5	184	41	2240	18	1	0.1	0.05	1	0.57	984	0.1	0.02	192	5820	1	15	4	72	0.06	20	20	239		109
88-12	16.0	15	1.16	0.6	110	10	0.1	1	6.56	0.1	143	36	678	18	1	0.1	0.03	1	0.31	1145	0.1	0.02	143	6150	1	15	5	28	0.08	10	10	284		76
88-12	17.0	35	1.42	0.6	110	20	0.1	1	9.26	0.1	168	44	734	18	1	0.1	0.04	1	0.44	1460	87	0.02	105	4770	1	10	5	28	0.08	10	20	169		79
88-12	18.0	75	1.42	0.6	110	10	0.1	2	13.7	0.1	206	75	1306	18	1	0.1	0.02	1	0.24	2010	0.1	0.02	143	3420	1	5	5	25	0.06	10	20	188		62
88-12	19.0	30	1.77	0.6	140	30	0.1	1	11.2	0.1	148	69	1290	14.7	1	0.1	0.06	1	0.4	1730	0.1	0.02	144	7390	1	1	5	55	0.08	1	1	152		67
88-12	20.0	15	1.36	0.6	75	10	0.1	1	10.8	0.1	129	96	1365	18	1	0.1	0.02	1	0.24	1655	0.1	0.02	163	4290	1	10	4	34	0.07	1	1	190		74
88-12	21.0	70	1.27	0.8	100	30	0.1	1	14.3	0.1	182	117	1005	18	1	0.1	0.03	1	0.15	1965	0.1	0.01	240	4760	1	10	5	48	0.04	1	1	145		59
88-12	22.0	20	1.64	1.2	100	10	0.1	1	13.9	0.5	197	106	3420	18	1	0.1	0.01	1	0.24	1965	0.1	0.02	267	7440	1	10	6	39	0.08	1	10	166		106
88-12	23.0	15	1.02	0.8	205	1	0.1	1	6.71	0.1	208	48	2060	18	1	0.1	0.02	1	0.34	829	0.1	0.02	292	####	1	10	3	42	0.05	1	1	168		90
88-12	24.0	110	0.86	1.2	90	1	0.1	1	6.51	0.1	216	63	1710	18	1	0.1	0.01	1	0.32	868	0.1	0.02	223	5860	1	10	3	31	0.06	1	1	176		73
88-12	25.0	120	0.72	1.2	95	1	0.1	1	6.47	0.5	267	45	3070	18	1	0.1	0	1	0.23	870	0.1	0.01	344	4810	1	5	3	24	0.04	1	10	152		106
88-12	26.0	50	1	1.2	120	10	0.1	1	6.85	0.1	218	55	3310	18	1	0.1	0.02	1	0.37	1045	0.1	0.02	274	6760	1	10	4	29	0.07	1	1	249		104
88-12	27.0	140	1.07	1.2	145	1	0.1	1	8.71	0.1	230	70	2470	18	1	0.1	0	1	0.27	1295	0.1	0.01	321	6500	1	10	4	28	0.06	1	1	206		94
88-12	28.0	120	1.12	0.8	145	30	0.1	1	20	0.1	129	95	1435	18	1	0.1	0.04	1	0.36	1925	0.1	0.01	163	4560	1	5	4	49	0.05	1	10	151		66
88-12	29.0	50	1.3	1.2	170	10	0.1	1	12.9	0.1	183	96	1965	14.9	1	0.1	0.02	1	0.23	1880	0.1	0.01	268	6050	1	5	5	34	0.05	1	1	181	50	66
88-12	30.0	35	1.14	1	90	1	0.1	1	11.6	0.1	119	72	858	12.1	1	0.1	0.01	1	0.21	1715	0.1	0.01	198	5060	1	5	4	29	0.05	1	10	193	30	43
88-12	31.0	16	1.43	1	70	1	0.1	1	12.4	0.1	160	105	993	12.6	1	0.1	0	1	0.26	1985	23	0.01	240	3350	1	5	5	34	0.07	1	1	186	30	54
88-12	32.0	1	1.6	1.2	120	10	0.1	1	14.2	0.1	157	131	920	11.1	1	0.1	0.01	1	0.44	2200	14	0.02	194	3000	1	5	6	30	0.07	1	10	139	30	60
88-12	33.0	930	1.02	1	70	1	0.1	1	10.3	0.1	107	46	1020	14.9	1	0.1	0.01	1	0.23	1570	0.1	0.01	210	3530	1	5	4	22	0.05	1	1	185	45	63
88-12	34.0	25	1.46	1	80	1	0.1	1	14	0.1	133	72	866	12.6	1	0.1	0	1	0.25	2140	0.1	0.01	209	3170	1	5	4	23	0.06	1	1	182	35	59
88-12	35.0	130	1.05	1	70	1	0.1	1	10.3	0.1	135	40	1230	14	1	0.1	0	1	0.22	1530	0.1	0.01	248	3120	1	5	4	23	0.04	1	1	150	40	62
88-12	36.0	220	1.26	1.4	60	1	0.1	1	9.92	0.1	320	73	2300	18	1	0.1	0.01	1	0.19	1700	0.1	0.01	425	2920	1	10	5	16	0.07	10	10	211	65	107
88-12	37.0	55	1.62	1	30	120	0.1	1	13.8	0.1	145	96	687	14.5	1	0.1	0.82	1	0.79	2330	0.1	0.05	238	3330	1	5	4	99	0.08	1	1	173	40	58
88-12	38.0	15	2.95	1.2	135	10	0.1	1	20	0.1	189	118	857	8.68	1	0.1	0	1	0.81	2280	0.1	0.02	84	7470	1	5	11	56	0.12	1	1	141	10	85
88-12	39.0	15	2.65	1	60	1	0.1	1	14.8	0.1	111	111	677	10.1	1	0.1	0	1	0.62	2320	0.1	0.01	192	3380	1	5	11	21	0.11	1	1	135	20	59
88-12	40.0	20	2.96	1	90	20	0.1	1	14.3	0.1	67	134	573	7.95	1	0.1	0.02	1	0.53	2270	0.1	0.02	108	2100	1	5	11	24	0.09	1	1	123	1	51
88-12	41.0	1	3.63	0.1	75	1	0.1	1	14.7	0.1	29	166	230	7.61	1	0.1	0	1	0.45	2610	0.1	0.01	50	2440	2	5	9	13	0.07	10	1	99	10	35
88-12	43.0	20	3.04	0.1	60	1	0.1	1	12.8	0.1	23	198	165	6.73	1	0.1	0	1	0.28	2360	0.1	0.01	30	2750	1	1	9	10	0.06	1	1	103	10	21
88-12	44.0	1	2.63	0.1	50	1	0.1	1	10.6	0.1	11	138	277	5.88	1	0.1	0	1	0.91	1935	0.1	0.01	35	2630	1	1	9	21	0.08	1	1	130	10	51
88-12	44.5	30	3.61	0.1	60	1	0.1	1	14.2	0.1	50	219	381	9.33	1	0.1	0	1	0.52	2720	0.1	0.02	85	2140	1	1	12	11	0.09	1	1	168	10	43
88-12	45.0	1	3.06	0.1	70	1	0.1	1	11.2	0.1	77	107	406	8.6	1	0.1	0	1	1.06	2250	0.1	0.01	104	2500	1	1	9	26	0.1	1	1	134	15	58
88-12	46.0	1	2.56	0.1	30	1	0.1	1	10.7	0.1	6	120	38	4.39	1	0.1	0	1	0.8	1825	0.1	0.01	10	1420	1	1	10	21	0.1	1	1	82	1	38
88-12	47.0	1	2.44	0.1	45	1	0.1	1	10.7	0.1	33	97	259	7.04	1	0.1	0	1	0.6	2110	0.1	0.01	43	2060	1	1	9	17	0.08	1	1	186	10	51
88-12	48.0	10	2.73	0.1	45	10	0.1	1	11	0.1	15	145	120	5.58	1	0.1	0.01	1	0.53	2140	0.1	0.02	29	1200	1	1	10	18	0.09	1	1	125	10	82
88-12	49.0	1	2.45	0.1	75	1	0.1	1	10.8	0.1	20	145	195	6.31	1	0.1	0	1	0.51	1965	0.1	0.01	45	3950	1	1	9	19	0.08	1	1	99	10	40
88-12	50.0	1	2.21	0.1	40	1	0.1	1	9.78	0.1	22	98	136	5.71	1	0.1	0	1	0.52	2110	0.1	0.01	40	1310	1	1	8	24	0.11	1	1	105	5	77

For Electrum Res. Corp.

APPENDIX V

HAIDA Drill Core

DDH	m.	Au pp	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-12	51.0	1	1.43	0.1	60	1	0.1	1	7.28	0.1	9	60	73	4.19	1	0.1	0	1	0.46	1215	0.1	0.01	19	4230	1	1	5	22	0.07	1	1	92	5	43
88-12	52.0	1	2.34	0.1	40	1	1	1	12.4	0.1	24	141	180	8.87	1	0.1	0	1	0.44	2540	0.1	0.02	52	1000	2	1	9	16	0.08	1	1	141	20	46
88-12	53.0	1	1.64	0.1	35	20	0.5	1	3.93	1	28	39	274	4.05	1	0.1	0.08	1	0.78	1000	1	0.03	20	1370	8	1	2	39	0.1	1	1	51	1	261
88-12	54.0	1	2.19	0.4	40	20	0.5	1	1.78	0.1	37	36	365	3.47	1	0.1	0.1	1	1.48	475	0.1	0.05	26	1220	2	1	2	81	0.2	10	1	65	1	112
88-12	55.0	1	1.63	0.6	45	20	0.1	2	1.13	0.1	43	30	490	3.82	1	0.1	0.09	1	1.21	384	0.1	0.04	31	1320	1	1	1	70	0.12	10	1	37	1	46
88-12	56.0	60	1.37	0.1	35	120	0.5	1	9.38	0.5	23	97	134	5.61	1	0.1	0.08	1	0.76	1800	8	0.03	27	1180	1	5	6	116	0.11	10	1	104	5	210
88-12	57.0	1	1.39	0.1	10	10	0.1	1	8.18	0.1	29	99	484	7.22	1	0.1	0.01	1	0.38	1500	0.1	0.01	125	1500	1	1	5	48	0.1	10	1	89	5	40
88-12	58.0	1	1.29	0.1	10	10	0.5	1	6.22	0.1	11	107	97	4.2	1	0.1	0	1	0.41	1140	1	0.01	28	1530	4	5	6	63	0.13	10	1	89	5	31
88-12	59.0	40	2.1	0.1	45	10	2	1	9.08	0.1	182	128	1846	10.5	1	0.1	0	1	0.58	2210	0.1	0.01	119	1800	1	5	8	39	0.12	1	1	147	10	62
88-12	60.0	5	1.61	0.1	25	30	0.5	1	6.69	0.1	32	117	252	5.38	1	0.1	0.01	1	0.4	1340	0.1	0.01	72	1630	1	5	6	89	0.13	1	1	88	5	31
88-12	60.9	36	2.37	0.1	45	10	0.1	1	14.4	0.1	19	112	331	6.76	1	0.1	0.03	1	2.12	2010	0.1	0.01	31	820	1	5	10	193	0.09	1	1	81	20	45
88-12	61.6	45	1.42	0.1	25	40	0.1	1	6.28	0.1	69	44	1140	18	1	0.1	0.09	1	1.18	779	0.1	0.02	55	3320	1	5	4	81	0.07	1	1	200	25	46
88-12	62.0	20	1.75	0.1	40	1	0.1	1	6.55	0.1	48	76	292	5.06	1	0.1	0	1	0.9	1215	0.1	0.01	48	1160	1	5	6	31	0.11	1	1	70	10	29
88-12	63.0	36	1.48	0.6	35	130	0.1	1	4.07	0.1	56	113	346	6.67	1	0.1	0.14	1	0.49	1090	72	0.05	72	1290	1	5	7	79	0.17	1	1	93	10	23
88-12	64.0	15	1.82	0.1	30	30	0.1	1	9.77	0.1	39	136	243	7.68	1	0.1	0.02	1	0.58	1756	39	0.02	46	1270	1	5	9	45	0.14	1	1	104	10	26
88-12	65.0	10	1.62	0.1	20	80	0.1	1	4.86	0.1	58	94	481	13.5	1	0.1	0.06	1	0.64	1165	22	0.03	83	1170	1	5	5	69	0.15	1	1	177	15	37
88-12	66.0	70	1.06	0.1	1	10	0.1	1	3.13	0.1	72	39	371	18	1	0.1	0.01	1	0.48	689	0.1	0.01	125	670	1	5	3	20	0.06	1	1	172	5	31
88-12	67.0	1	2.8	0.1	70	1	0.1	1	13.2	0.1	46	116	197	10.2	1	0.1	0	1	0.78	2640	0.1	0.01	65	3060	1	5	11	28	0.09	1	1	178	20	33
88-12	68.0	1	2.14	0.1	60	20	0.1	1	10.9	0.1	20	76	98	7.8	1	0.1	0.02	1	0.67	2110	0.1	0.01	31	3330	1	5	8	28	0.07	1	1	169	15	24
88-12	69.0	1	2.44	0.1	25	10	0.1	1	11.9	0.1	10	116	44	8.12	1	0.1	0.01	1	0.67	2590	0.1	0.01	12	1730	1	5	9	24	0.08	1	1	216	20	24
88-12	70.0	1	1.99	0.1	55	20	0.1	1	11	0.1	18	67	184	7.96	1	0.1	0.02	1	0.61	2450	0.1	0.01	30	3090	1	1	6	31	0.07	1	1	124	15	29
88-12	71.0	1	2.11	0.1	45	120	0.1	1	9.32	0.1	28	89	215	8.22	1	0.1	0.2	1	0.94	1990	0.1	0.04	29	2480	1	5	6	73	0.1	1	1	148	15	36
88-12	72.0	1	2.37	0.1	45	20	0.1	1	11.9	0.1	12	67	63	8.06	1	0.1	0.03	1	0.68	2360	0.1	0.01	14	2840	1	1	9	28	0.06	10	1	216	10	25
88-12	73.0	15	2.34	0.1	50	20	0.1	1	12.1	0.1	19	82	173	8.91	1	0.1	0.03	1	0.63	2170	0.1	0.02	30	4760	1	5	9	31	0.08	1	1	189	25	32
88-12	74.0	20	2.11	0.1	70	50	0.1	1	10.8	0.1	56	80	272	9.68	1	0.1	0.09	1	0.53	1695	0.1	0.03	89	6730	1	5	8	37	0.08	10	1	185	20	25
88-12	75.0	1	1.93	0.1	60	20	0.1	1	12.4	0.1	45	82	198	8.98	1	0.1	0.03	1	0.35	2240	0.1	0.01	75	2060	1	5	5	26	0.04	1	1	206	20	24
88-12	76.0	1	2.35	0.1	75	20	0.1	1	14.7	0.1	27	89	218	9.67	1	0.1	0.03	1	0.54	2370	0.1	0.01	41	4670	1	5	7	45	0.05	1	1	212	15	27
88-12	77.0	30	2.56	0.1	65	130	0.1	1	12.4	0.1	56	131	285	10.6	1	0.1	0.13	1	0.67	2410	0.1	0.04	97	3520	1	5	12	63	0.11	1	1	203	20	29
88-12	78.0	120	2.61	0.1	75	180	0.1	1	12.8	0.1	65	66	731	14.2	1	1	0.1	1	0.74	2500	0.1	0.03	101	4250	1	10	6	30	0.09	1	1	259	35	36
88-12	79.0	35	2.06	0.1	80	130	0.1	1	9.98	0.1	81	50	442	18	1	0.1	0.07	1	0.8	2070	0.1	0.02	133	4060	1	5	7	32	0.08	1	1	257	25	38
88-12	80.0	1	2.41	0.1	60	20	0.1	1	11.8	0.1	15	33	66	7.13	1	0.1	0.02	1	0.82	2070	0.1	0.01	34	2270	1	1	5	37	0.11	1	1	182	10	31
88-12	81.0	1	2.14	0.1	50	10	0.1	1	6	0.1	28	35	322	5.17	1	0.1	0.01	1	1.15	1650	0.1	0.01	43	1600	1	5	8	68	0.14	1	1	178	5	59
88-12	82.0	1	2.3	0.1	35	30	0.1	1	8.49	0.1	25	38	286	6.41	1	0.1	0.04	1	1.2	1805	0.1	0.02	55	1530	1	1	4	79	0.13	1	1	176	5	58
88-12	83.0	10	1.79	0.2	50	30	0.1	1	2.69	0.1	118	35	809	5.94	1	0.1	0.05	1	1.04	699	0.1	0.02	126	1140	2	1	4	68	0.16	1	1	84	1	66
88-12	84.0	25	2.16	0.1	45	10	0.1	1	7.95	0.1	22	90	883	6.71	1	0.1	0.02	1	0.97	1560	0.1	0.03	46	3310	1	1	6	53	0.14	1	1	166	10	50
88-12	85.0	10	1.65	0.2	35	20	0.1	1	2.74	0.1	26	71	197	3.21	1	0.1	0.07	1	1.14	546	0.1	0.05	32	1870	4	1	5	74	0.17	1	1	98	60	55
88-12	86.0	240	1.92	0.1	105	80	0.1	1	2.16	0.1	37	59	494	9	1	0.1	0.1	10	1.16	799	1	0.05	288	1740	1	5	5	111	0.2	1	1	87	5	57
88-12	87.0	15	2.18	0.2	60	60	0.1	1	3.16	0.1	61	47	404	4.37	1	0.1	0.14	1	1.4	542	0.1	0.07	36	1320	1	5	6	159	0.17	1	1	82	30	48
88-12	88.0	10	2.26	0.1	55	20	0.1	1	5.57	0.1	34	80	230	4.5	1	0.1	0.04	1	1.32	1025	0.1	0.05	40	1160	1	5	5	121	0.17	1	1	94	1	60
88-12	89.0	15	2.32	0.4	60	60	0.1	2	2.04	0.1	56	53	530	4.43	1	0.1	0.14	1	1.15	326	0.1	0.1	14	1380	1	1	4	224	0.24	1	1	77	20	52
88-12	90.0	130	2.17	0.1	75	140	0.1	1	2.72	0.1	61	48	646	11.6	1	0.1	0.14	1	1.27	551	6	0.08	43	1070	1	1	4	127	0.19	1	1	161	10	57
88-12	91.0	310	2.03	0.6	85	140	0.1	1	6.45	0.5	50	99	1995	9.39	1	0.1	0.09	1	1.06	943	22	0.06	39	1330	1	5	5	128	0.17	1	1	187	15	94
88-12	92.0	15	2.15	0.1	80	110	0.1	1	3.76	0.1	58	33	507	11.1	1	0.1	0.08	1	1.21	780	0.1	0.05	41	810	1	5	4	105	0.19	1	1	152	15	64
88-12	93.0	70	1.68	0.1	95	70	0.1	1	4.73	0.1	15	54	117	6.29	1	0.1	0.06	1	0.81	889	6	0.04	20	1240	1	5	4	70	0.22	1	1	142	15	48
88-12	94.0	5	2.12	0.1	25	190	0.1	1	4.3	0.1	12	82	51	2.91	1	0.1	0.06	1	0.86	803	2	0.06	9	1850	4	5	5	117	0.3	1	1	99	5	81
88-12	95.0	1	1.92	0.1	15	10	0.1	1	5.11	0.1	11	44	38	2.05	1	0.1	0.02	1	0.82	612	1	0.05	5	1230	1	1	5	132	0.27	1	1	83	5	39

Aug. '00

(from Chemex Labs'88)

S. Zastavnikovich, P.Geo.

DDH	m.	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-12	96.0	10	3.12	0.1	35	30	0.1	1	9.27	0.1	40	28	403	6.45	1	0.1	0.21	1	1.97	1700	0.1	0.02	32	1160	1	1	9	115	0.13	1	1	163	10	106
88-12	97.0	5	2.67	0.1	45	70	0.1	1	20	0.1	27	52	216	9.68	1	1	0.1	1	0.92	3060	0.1	0.02	27	390	1	5	4	63	0.09	1	1	219	20	47
88-12	98.0	10	2.84	0.1	30	20	0.1	1	13.8	0.1	17	64	138	8.74	1	0.1	0.08	1	1.1	2960	0.1	0.02	27	710	1	5	8	30	0.12	1	1	423	20	49
88-12	99.0	20	1.57	0.1	15	60	0.1	1	5.3	0.1	15	51	146	3.58	1	0.1	0.14	1	0.88	892	0.1	0.04	11	1220	1	1	4	136	0.12	10	1	177	5	51
88-12	100.0	20	1.5	0.1	15	30	0.1	1	4.53	0.5	20	65	234	2.89	1	0.1	0.15	1	0.68	647	2	0.05	14	1290	1	1	3	79	0.12	10	1	101	5	129
88-12	101.0	65	2.4	0.1	55	30	0.1	1	11.9	0.1	34	64	506	6.04	1	0.1	0.05	1	0.67	1925	0.1	0.02	72	790	1	1	4	33	0.1	10	1	126	15	68
88-12	102.0	20	2.3	0.1	20	10	0.1	1	7.92	0.1	15	138	77	4.71	1	0.1	0.03	1	0.84	1330	3	0.05	39	1280	1	1	5	56	0.22	1	1	300	10	91
88-12	103.0	10	3.04	0.1	25	10	0.1	1	12.6	0.1	15	131	117	6.13	1	0.1	0.02	1	0.74	2060	0.1	0.02	34	990	1	1	6	38	0.14	1	1	231	10	65
88-12	104.0	15	2.77	0.1	30	10	0.1	1	11.1	0.1	25	85	327	5.85	1	0.1	0.08	1	0.67	1655	6	0.03	20	800	1	1	4	46	0.15	1	1	182	10	53
88-12	105.0	35	1.83	0.2	25	10	0.1	1	4.42	0.1	19	67	241	3.21	1	0.1	0.04	1	0.75	666	3	0.04	27	1370	2	1	5	90	0.22	1	1	107	10	63
88-12	106.0	45	1.44	0.1	20	10	0.1	1	3.8	0.1	12	66	87	2.68	1	0.1	0.07	1	0.93	581	2	0.06	27	1350	2	1	5	91	0.21	1	1	129	1	119
88-12	107.0	220	1.87	0.1	10	20	0.1	1	5.02	0.1	13	79	98	2.68	1	0.1	0.07	1	0.73	665	2	0.06	24	1020	1	1	4	85	0.24	1	1	120	5	78
88-12	108.0	286	2.05	0.1	10	50	0.1	1	20	0.1	11	96	122	9.47	1	1	0.02	1	0.75	1950	0.1	0.01	18	940	1	1	6	71	0.06	1	1	424	25	40
88-12	109.0	110	1.85	0.1	15	30	0.1	1	4.66	0.5	19	55	220	3.53	1	0.1	0.07	1	1.28	858	33	0.04	32	1010	1	1	6	142	0.26	10	1	119	10	91
88-12	110.0	260	1.43	0.4	20	40	0.1	2	2.9	0.1	21	55	199	2.96	1	0.1	0.09	1	1.29	515	62	0.04	71	950	1	1	6	67	0.21	20	20	123	5	66
88-12	111.0	230	1.07	0.2	15	40	0.1	2	2.87	0.1	8	67	43	2.13	1	0.1	0.09	1	1.13	424	66	0.03	50	1850	2	1	5	55	0.17	1	1	94	5	63
88-12	112.0	1300	1.25	0.1	15	10	0.1	1	5.1	0.1	10	67	66	2.83	1	0.1	0.03	1	1.5	797	40	0.03	47	580	1	1	5	53	0.12	1	1	101	1	60
88-12	113.0	55	2.13	0.1	20	60	0.1	1	7.13	0.1	29	57	265	2.82	1	0.1	0.34	1	1.39	740	36	0.04	39	1040	1	1	10	114	0.06	1	1	117	5	51
88-12	114.0	130	2.45	0.1	10	20	0.1	1	4.1	0.1	32	50	366	4.39	1	0.1	0.07	1	1.78	596	18	0.07	24	1300	1	1	9	57	0.22	1	1	137	5	44
88-12	115.0	280	1.77	0.4	20	30	0.5	4	3.25	0.5	18	172	217	3.05	1	0.1	0.18	1	1.14	540	87	0.03	70	720	10	1	11	38	0	1	1	90	5	119
88-12	116.0	190	1.65	1	25	10	0.1	2	6.02	0.1	13	108	116	3.65	1	1	0.08	1	1.17	854	141	0.02	100	830	20	5	14	62	0	1	1	43	10	78
88-12	117.0	210	1.55	1.2	45	10	0.1	2	4.4	0.1	30	124	265	5.39	1	0.1	0.19	1	0.88	568	56	0.04	80	3290	22	5	11	52	0	1	1	77	10	56
88-12	117.6	40	0.46	1.4	5	1	0.1	2	0.87	0.5	6	279	180	1.1	1	0.1	0	1	0.29	147	159	0.04	16	310	350	1	2	62	0	1	1	2	1	67
88-12	120.0	75	0.93	0.4	20	20	0.1	4	3.28	0.1	15	125	56	2.52	1	0.1	0.11	1	0.59	492	21	0.05	42	760	4	1	6	46	0	1	1	20	1	43
88-12	121.0	30	0.47	0.4	80	40	0.1	2	2.42	1	15	69	87	2.17	1	0.1	0.16	10	0.6	421	10	0.02	93	470	14	5	4	66	0	1	1	21	5	90
88-12	122.0	40	0.68	0.6	40	50	0.1	1	3.39	1	15	103	96	2.84	1	0.1	0.21	1	1.11	570	2	0.05	65	260	32	1	7	129	0	1	1	25	5	153
88-12	123.0	1	1.76	0.6	20	30	0.1	1	4.08	0.1	13	108	65	2.56	1	1	0.07	1	2.49	737	3	0.02	58	240	1	1	7	99	0.01	1	1	62	10	92
88-12	124.0	10	1.69	0.6	1	130	0.1	1	0.87	0.1	13	101	66	2.69	1	0.1	0.36	10	1.5	304	1	0.03	67	360	2	1	4	38	0.01	1	1	39	5	104
88-12	125.0	30	1.18	1	5	70	0.1	1	0.87	0.1	13	113	80	2.48	1	0.1	0.21	10	1.22	269	2	0.02	83	270	1	1	3	35	0.06	1	1	36	5	188
88-12	126.0	10	1.12	1.8	5	70	0.1	1	0.75	0.1	16	100	88	2.73	1	0.1	0.22	10	1.14	262	1	0.01	79	270	8	1	4	24	0.13	1	1	33	1	190
88-12	127.0	15	0.99	1	1	70	0.1	1	0.85	0.1	13	123	81	2.31	1	0.1	0.18	10	0.95	201	0.1	0.02	78	200	6	1	2	29	0.08	1	1	28	1	108
88-12	128.0	15	1.21	0.4	15	40	0.1	1	1.82	0.1	15	118	78	2.43	1	0.1	0.12	10	1.25	328	1	0.03	66	630	6	1	3	81	0.12	1	1	46	5	88
88-12	129.0	30	1.64	0.6	10	130	0.1	1	1.77	0.1	16	142	98	2.77	1	2	0.25	10	1.31	317	2	0.05	77	560	8	1	4	204	0.1	1	1	49	5	72
88-12	131.0	265	1.51	0.8	15	60	0.1	1	1.06	0.1	14	144	82	2.54	1	0.1	0.28	10	1.51	347	4	0.03	61	270	6	5	5	36	0.11	1	1	42	5	91
88-12	132.0	275	1.31	0.4	5	30	0.1	1	1.52	0.1	17	129	101	3.22	1	0.1	0.13	10	1.35	406	4	0.02	55	570	1	1	5	44	0.17	1	1	75	5	78
88-12	133.0	435	1.56	0.4	1	70	0.1	1	2.05	0.1	23	38	109	3.62	1	0.1	0.22	10	1.13	361	2	0.04	24	1080	10	1	4	81	0.23	1	1	71	5	52
88-12	134.0	120	1.39	0.8	1	90	0.5	1	1.15	0.1	17	139	120	3.14	1	1	0.28	10	1.14	275	1	0.04	59	480	12	1	6	45	0.18	1	1	58	1	66
88-12	135.0	40	1.25	0.6	10	50	0.1	1	1.65	0.1	13	151	86	2.46	1	0.1	0.15	10	1.03	435	47	0.03	56	270	6	1	3	40	0.1	1	1	45	5	88
88-12	136.0	35	1.09	0.6	80	40	0.1	1	1.42	0.5	8	142	74	2.1	1	0.1	0.18	10	1.1	295	3	0.03	58	190	6	1	3	52	0.08	1	1	34	1	110
88-12	137.0	25	1.36	0.6	15	40	0.1	1	2.17	0.5	12	131	66	2.53	1	0.1	0.11	10	1.62	440	3	0.02	47	250	14	1	4	70	0.15	1	1	45	5	165
88-12	138.0	30	1.04	0.8	30	50	0.1	1	0.88	0.1	11	133	85	2.38	1	0.1	0.14	10	1.02	243	7	0.02	38	240	6	1	4	36	0.12	1	1	41	5	85
88-12	139.0	15	1.35	1.2	55	80	0.1	1	1.66	0.1	24	68	142	3.84	1	0.1	0.2	10	1.12	350	5	0.02	27	790	8	1	3	70	0.2	1	1	75	5	66
88-12	140.0	85	1.8	1.6	15	120	0.1	1	2.04	0.5	34	32	166	5.3	1	0.1	0.27	10	1.33	489	1	0.03	23	1130	2	1	3	96	0.3	1	1	105	5	92
88-12	141.0	80	1.65	1.4	1	60	0.1	1	1.56	0.5	32	13	155	4.54	1	0.1	0.18	10	1.34	440	1	0.04	22	1240	4	1	3	71	0.28	1	1	92	5	88
88-12	142.0	75	1.32	1.2	280	90	1	1	2.13	0.5	18	81	136	3.5	1	0.1	0.28	10	1.23	406	8	0.02	78	630	6	1	3	56	0.1	1	1	78	5	117
88-12	143.0	40	0.92	1.2	30	50	0.5	1	0.96	0.5	15	126	100	2.57	1	0.1	0.15	10	0.9	223	8	0.03	94	310	8	1	3	41	0.07	1	1	62	1	124

DDH	m.	Au pp	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-12	144.0	60	0.94	1.4	45	40	1	1	2.33	6.5	17	121	121	3.16	1	0.1	0.13	10	1.03	277	89	0.02	96	1530	16	1	4	146	0.02	1	1	269	1	633
88-12	145.0	55	1.26	1.2	45	100	1	1	1.48	1	15	146	108	3.2	1	0.1	0.23	10	1.16	262	10	0.03	77	290	22	1	4	139	0.05	1	1	59	1	185
88-12	146.0	35	1.04	1.4	20	140	0.5	1	0.77	3	17	146	142	2.79	1	0.1	0.23	20	0.91	214	4	0.03	88	350	38	1	4	37	0.07	1	1	61	1	611
88-12	147.0	30	0.63	1	15	170	0.5	1	1.57	2.5	15	129	106	1.88	1	0.1	0.17	20	0.33	179	2	0.08	68	440	16	1	3	139	0.02	1	1	33	1	333
88-12	148.0	30	0.7	0.8	150	220	0.5	1	0.9	4	17	106	110	2.32	1	2	0.27	10	0.34	161	2	0.05	59	640	6	1	3	38	0.05	1	1	39	1	560
88-12	149.0	70	0.83	0.6	45	200	0.5	1	1.52	2	19	164	108	2.75	1	1	0.23	10	0.52	261	5	0.06	75	860	4	1	6	43	0.1	1	1	86	1	300
88-12	150.0	116	2.31	0.8	1	270	1	1	2.34	0.5	33	19	122	4.79	10	1	0.36	10	1.65	809	0.1	0.05	15	1340	1	1	5	107	0.25	1	1	129	5	116
88-12	151.0	130	2.67	0.6	10	150	0.5	1	4.72	0.1	33	9	126	5.99	10	1	0.23	1	2.2	1055	0.1	0.05	15	1200	1	1	8	112	0.32	1	1	182	5	107
88-12	152.1	215	2.13	0.6	5	140	0.1	1	3.35	0.5	26	17	155	5.04	1	2	0.16	1	1.88	810	2	0.03	19	1140	1	5	5	116	0.25	1	1	121	1	87

DDH	m.	Au pp	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-14	2.7	10	1.26	0.6	65	50	0.1	1	1.5	0.1	29	192	371	3.43	10	0.1	0.04	10	1	257	3	0.04	148	2100	4	1	3	45	0.22	1	1	90	1	46
88-14	3.7	5	0.83	0.4	50	70	0.1	1	1.96	0.1	11	76	89	1.53	10	0.1	0.07	10	0.62	209	0.1	0.03	56	2010	4	1	3	56	0.14	1	1	53	1	55
88-14	5.0	1	1.08	0.1	55	60	0.1	1	3.78	0.1	12	58	84	1.69	1	0.1	0.06	1	0.7	442	0.1	0.03	45	2320	1	1	4	71	0.13	1	1	65	1	62
88-14	6.0	1	1.4	0.1	35	20	0.1	1	4.61	0.1	7	46	20	1.77	1	0.1	0.06	1	0.42	832	0.1	0.02	17	2130	1	1	3	39	0.09	1	1	46	1	38
88-14	7.0	1	2.13	0.1	15	1	0.1	1	7.64	0.1	5	69	26	3.16	1	0.1	0.01	1	0.6	1560	0.1	0.01	9	910	1	1	4	24	0.06	10	1	58	1	36
88-14	8.0	1	1.79	0.1	25	10	0.1	1	8.41	0.1	11	47	31	3.12	1	0.1	0.01	1	0.82	1240	0.1	0.01	14	2760	1	1	6	41	0.11	1	1	75	1	52
88-14	9.0	1	1.96	0.1	50	10	0.1	1	8.12	0.1	11	51	78	2.77	1	0.1	0.01	1	0.78	1345	0.1	0.01	16	1510	1	1	4	37	0.07	1	1	54	1	40
88-14	10.0	10	2.02	0.1	235	10	0.1	1	7.69	0.1	57	42	416	6.01	1	0.1	0.01	1	0.74	1460	0.1	0.01	61	1010	1	5	2	23	0.04	10	1	54	5	50
88-14	11.0	5	2.54	0.1	60	20	0.5	1	10.3	0.1	21	47	138	5.21	1	0.1	0.04	1	1.46	1610	1	0.01	26	1290	1	5	8	119	0.14	1	1	99	5	66
88-14	12.0	1	2.06	0.1	30	1	0.5	1	6.52	0.1	14	36	69	3.68	1	0.1	0	1	0.79	1090	1	0.01	13	1720	1	5	6	41	0.15	1	1	74	1	46
88-14	13.0	1	2.2	0.1	15	10	0.5	1	6.78	0.1	12	32	89	4.46	1	0.1	0	1	0.69	1395	0.1	0.01	17	190	1	5	2	13	0.04	1	1	53	10	49
88-14	14.0	35	2.35	0.8	45	160	0.1	1	5.8	0.1	29	48	309	18	20	0.1	0.19	1	0.73	1275	4	0.06	32	1390	1	10	6	37	0.09	30	1	186		79
88-14	15.0	30	1.69	1.2	95	30	0.5	1	6.42	0.1	69	53	729	18	20	0.1	0.01	1	0.29	1155	0.1	0.01	69	2240	1	10	5	13	0.06	30	1	262		62
88-14	16.0	25	2.13	0.1	125	20	1	1	10.5	0.1	97	80	964	9.4	1	0.1	0	1	0.27	1875	0.1	0.01	75	1520	1	5	6	8	0.07	20	1	170	10	53
88-14	17.0	1	1.93	0.1	50	1	1	1	11.4	0.1	27	94	172	6.36	1	0.1	0	1	0.52	1835	0.1	0.01	18	2080	1	1	8	24	0.07	10	1	116	5	36
88-14	18.0	1	2	0.1	40	1	1.5	1	12.2	0.1	9	92	81	6.2	1	0.1	0	1	0.43	1970	0.1	0.01	21	1510	1	1	7	14	0.06	10	1	104	15	35
88-14	19.0	1	1.89	0.1	55	1	0.1	1	11.7	0.1	10	99	62	5.44	1	0.1	0	1	0.55	1840	0.1	0.01	18	1400	2	5	6	23	0.06	1	1	80	15	40
88-14	20.0	1	2.2	0.1	25	1	0.5	1	9.74	0.1	10	111	51	4.26	1	0.1	0	1	0.76	1665	0.1	0.01	16	1230	1	5	8	15	0.1	10	1	68	1	66
88-14	21.0	15	2.52	0.1	15	1	0.1	1	13.2	0.1	15	107	115	6	1	0.1	0	1	1.14	2530	0.1	0.01	28	1360	4	1	9	19	0.1	1	1	82	10	67
88-14	22.0	10	2.37	0.1	40	1	0.1	1	10.7	0.1	16	97	216	4.65	1	0.1	0	1	1.35	2090	0.1	0.01	31	1230	1	1	8	18	0.1	1	1	81	5	59
88-14	23.0	1	2.47	0.1	20	1	0.1	1	13	0.1	6	106	60	6.13	1	0.1	0	1	0.52	2350	18	0.01	12	1240	1	1	9	21	0.07	1	1	80	15	36
88-14	24.0	1	2.07	0.1	10	1	0.1	1	9.33	0.1	11	95	44	3.68	1	0.1	0	1	0.69	1960	4	0.01	17	1370	2	1	8	21	0.1	1	1	73	10	48
88-14	25.0	1	2.18	0.1	20	1	0.1	1	10.6	0.1	14	92	55	5.15	1	0.1	0	1	0.74	2120	3	0.01	26	1460	1	1	7	20	0.1	1	1	102	10	54
88-14	26.0	1	1.88	0.1	25	1	0.1	1	8.36	0.1	9	84	47	3.55	1	0.1	0	1	0.73	1630	0.1	0.01	24	1690	2	1	6	22	0.09	1	1	66	10	49
88-14	27.0	1	1.76	0.1	25	1	0.1	1	10.1	0.1	17	67	105	4.98	1	0.1	0	1	0.83	1940	0.1	0.01	36	1600	1	1	6	27	0.07	1	1	78	15	62
88-14	28.0	1	1.36	0.2	20	40	0.1	2	3.31	0.1	13	93	30	1.61	1	0.1	0.11	1	1.02	565	0.1	0.03	49	1890	6	1	2	83	0.13	1	1	61	1	40
88-14	29.0	1	1.57	0.1	15	30	0.1	2	2.55	0.1	18	116	60	2.43	1	0.1	0.09	1	1.35	576	0.1	0.03	61	1850	2	1	4	66	0.19	1	1	91	5	57
88-14	30.0	1	2.28	0.1	20	40	0.1	2	4.95	0.1	25	180	68	3.88	1	0.1	0.03	1	2.17	625	0.1	0.04	79	1790	1	1	6	127	0.29	10	1	127	1	78
88-14	31.0	1	2.29	0.2	25	40	0.1	6	1.91	0.1	26	179	81	3.64	1	0.1	0.08	10	1.97	565	0.1	0.04	81	1920	6	1	3	98	0.32	1	1	130	1	74
88-14	32.0	1	2.33	0.2	35	90	0.1	2	3.03	0.1	29	187	110	3.58	1	0.1	0.09	1	1.87	625	0.1	0.03	78	1830	1	1	5	209	0.27	10	1	138	5	71
88-14	33.0	20	1.97	0.1	45	30	0.1	6	11.2	0.1	21	144	91	4.42	1	0.1	0.09	1	1.79	1275	0.1	0.03	36	1510	6	1	6	177	0.16	1	1	119	5	53
88-14	34.0	20	2.68	0.2	60	40	0.1	2	6.57	0.1	18	116	244	9.04	1	0.1	0.06	1	2.24	1645	0.1	0.02	25	2160	1	1	8	84	0.11	30	1	159	15	58
88-14	35.0	1	2.65	0.1	35	20	0.1	1	14	0.1	9	116	57	6.54	1	0.1	0.01	1	0.72	2490	0.1	0.02	17	2240	1	1	9	60	0.09	20	1	147	15	38
88-14	36.0	1	2.44	0.1	45	1	0.1	1	14.9	0.1	5	104	19	7.05	1	0.1	0	1	0.55	2620	0.1	0.01	7	2080	1	5	8	33	0.08	10	1	148	5	32
88-14	37.0	1	2.45	0.1	40	1	0.1	1	14.1	0.1	8	98	5	6.12	1	0.1	0	1	0.61	2470	0.1	0.01	11	2360	1	5	8	32	0.09	1	1	127	5	40

For Electrum Res. Corp.

APPENDIX V

HAIDA Drill Core

DDH	m.	Au pp	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-14	38.0	1	2.57	0.1	30	40	0.1	1	20	0.1	10	147	14	6.9	1	0.1	0.01	1	1.04	2860	0.1	0.01	14	1630	1	5	9	104	0.12	1	1	190	1	57
88-14	39.0	25	2.18	0.1	20	20	0.1	1	12.9	0.5	17	88	223	5.55	1	0.1	0	1	1.02	2000	0.1	0.01	43	1350	1	1	6	70	0.09	1	1	107	1	56
88-14	40.0	50	2.73	0.1	50	20	0.1	1	11.1	0.1	14	110	238	8.67	1	0.1	0.02	1	1.57	2330	0.1	0.02	25	1310	2	5	8	81	0.11	1	1	273	1	63
88-14	41.0	90	2.34	0.1	25	20	0.1	1	11.3	0.1	12	151	111	6.94	1	0.1	0	1	0.93	2320	0.1	0.01	16	1280	1	5	6	27	0.11	1	1	272	1	55
88-14	42.0	1	1.93	0.1	15	1	0.1	1	8.89	0.1	5	62	90	3.44	1	0.1	0	1	0.58	1510	0.1	0.01	19	1640	1	1	5	26	0.07	1	1	56	1	47
88-14	43.0	1	2.16	0.1	25	90	0.5	1	10.9	0.1	7	133	73	4.08	1	0.1	0.03	1	0.94	2170	0.1	0.02	31	1800	1	1	8	107	0.11	1	1	95	1	64
88-14	44.0	60	1.45	0.1	30	60	0.5	1	9.89	0.1	13	117	99	5.84	1	0.1	0.02	1	0.68	2440	0.1	0.02	36	2180	1	1	7	67	0.11	10	1	110	1	67
88-14	45.0	10	0.99	0.1	40	30	0.5	2	4.53	0.1	9	80	95	2.18	1	0.1	0.03	1	0.7	743	1	0.03	40	1460	1	1	5	81	0.17	1	1	73	1	70
88-14	46.0	5	1.58	0.1	45	10	0.1	1	6.68	0.1	9	72	87	2.26	1	0.1	0	1	0.53	809	0.1	0.02	35	1100	6	1	4	70	0.17	1	1	90	1	69
88-14	47.0	1	2.42	0.1	20	1	0.1	1	12.1	0.1	3	84	0.1	5.15	1	0.1	0	1	0.41	2150	0.1	0.01	7	1030	1	1	8	24	0.09	10	1	125	1	25
88-14	48.0	1	1.72	0.1	15	10	0.1	1	6.38	0.1	3	81	16	2.36	1	0.1	0.04	1	0.44	1095	0.1	0.02	9	1410	1	1	5	50	0.13	10	1	93	1	24
88-14	49.0	1	1.71	0.4	10	20	0.1	1	3.4	0.1	7	71	33	1.17	1	0.1	0.05	1	0.61	462	0.1	0.02	14	1570	1	1	4	96	0.16	1	1	61	1	40
88-14	50.0	1	1.89	0.6	10	40	0.1	1	2.77	0.1	9	100	71	1.62	10	0.1	0.09	1	0.88	485	0.1	0.02	30	1510	1	1	3	97	0.2	1	1	69	5	42
88-14	51.0	1	1.23	0.1	15	20	0.1	1	4.69	0.1	4	68	2	1.77	1	0.1	0.04	1	0.57	786	0.1	0.01	9	1340	1	1	4	59	0.12	1	1	59	1	28
88-14	52.0	1	1.95	0.1	10	1	0.5	1	10.2	0.1	3	88	0.1	4.33	1	0.1	0.07	1	0.56	1640	0.1	0.01	12	1190	1	1	7	37	0.09	1	1	105	1	50
88-14	53.0	1	2.08	0.1	30	1	0.1	1	11.2	0.1	3	71	2	4.76	1	0.1	0	1	0.31	1820	0.1	0.01	13	1380	1	5	6	22	0.07	1	1	102	5	28
88-14	54.0	1	1.92	0.1	20	1	0.5	1	10	0.1	3	70	31	4.46	1	0.1	0	1	0.26	1745	0.1	0.01	10	1050	1	5	6	18	0.07	10	1	88	1	24
88-14	55.0	1	2.23	0.1	20	1	0.1	1	10.9	0.1	3	84	0.1	4.65	1	0.1	0	1	0.46	1960	0.1	0.01	12	1570	1	5	7	22	0.1	1	1	104	1	29
88-14	56.0	20	1.76	0.1	20	20	0.5	1	9.79	0.1	11	88	69	3.9	1	0.1	0.01	1	0.96	1720	0.1	0.02	28	1180	1	1	8	62	0.13	1	1	95	1	51
88-14	57.0	10	2.38	0.1	15	10	0.1	1	11.5	0.1	7	111	23	5.11	1	0.1	0	1	0.55	2110	0.1	0.02	27	1350	1	1	8	35	0.12	10	1	95	1	50
88-14	58.0	20	2.58	0.1	20	30	0.1	1	14.1	0.1	7	95	57	4.44	1	0.1	0.03	1	1.25	2300	0.1	0.01	37	1320	1	1	10	121	0.11	10	1	119	1	120
88-14	59.0	15	2.42	0.1	15	30	0.1	1	13.4	0.1	7	106	65	6.07	1	0.1	0	1	0.59	2460	3	0.01	23	1180	1	1	7	39	0.08	10	1	87	1	45
88-14	60.0	10	2.17	0.1	1	1	0.1	1	10.8	0.1	4	97	2	4.6	1	0.1	0	1	0.59	1950	4	0.01	20	1230	1	1	7	27	0.06	1	1	75	1	46
88-14	61.0	15	1.96	0.1	25	10	0.1	1	9.62	0.1	4	74	16	4.33	1	0.1	0	1	0.5	1650	3	0.01	17	1270	2	1	6	26	0.07	1	1	67	1	32
88-14	62.0	50	1.7	0.1	50	30	0.1	1	9.94	0.1	20	81	67	5.37	1	0.1	0.03	1	0.8	1930	2	0.02	51	1320	8	1	6	61	0.08	10	1	78	1	46
88-14	63.0	1	2.21	0.1	15	30	0.1	1	12	0.1	4	94	27	5.38	1	0.1	0.02	1	0.69	1975	0.1	0.02	13	1370	1	1	7	74	0.1	1	1	84	1	54
88-14	64.0	1	2.49	0.1	10	1	0.1	1	12.5	0.1	6	144	29	6.18	1	0.1	0	1	0.65	2380	8	0.01	26	1100	1	1	9	29	0.11	10	1	137	1	43
88-14	65.0	1	1.81	0.1	40	1	0.1	1	12.4	0.1	13	121	75	6.32	1	0.1	0	1	0.42	1905	3	0.01	29	1770	14	5	7	22	0.05	1	10	79	10	60
88-14	66.0	1	2.16	0.1	25	1	0.1	1	12.3	0.1	6	128	44	6.33	1	0.1	0	1	0.3	1870	3	0.01	11	1110	16	1	7	14	0.04	1	1	74	5	47
88-14	67.0	1	2.2	0.1	25	1	0.1	1	11.8	0.1	6	112	24	5.29	1	0.1	0	1	0.32	1915	0.1	0.01	9	1110	2	1	8	15	0.05	1	1	77	5	26
88-14	68.0	5	1.84	0.1	30	1	0.1	1	8.97	0.1	2	100	19	3.78	1	1	0	1	0.27	1245	0.1	0.01	6	1830	8	1	8	14	0.05	1	1	72	5	30
88-14	69.0	75	1.53	0.1	35	20	0.1	1	7.13	0.1	4	83	91	3.88	1	0.1	0	1	0.31	1065	1	0.01	9	2000	4	1	5	11	0.05	1	1	63	5	24
88-14	70.0	10	1.79	0.1	25	50	0.1	1	9.05	0.1	2	127	8	3.96	1	0.1	0.01	1	0.36	1175	0.1	0.01	7	1520	6	1	8	23	0.04	1	1	71	5	21
88-14	71.5	5	1.64	0.1	35	1	0.1	1	7.41	0.1	8	72	31	3.07	1	0.1	0	1	0.38	1255	0.1	0.01	22	1260	6	1	4	19	0.04	1	1	46	1	32
88-14	73.1	155	1.09	0.8	10	40	0.1	1	3.66	0.1	9	52	470	3.03	1	0.1	0.06	1	0.71	632	0.1	0.03	21	750	2	1	4	41	0.07	10	20	45	5	44
88-14	74.0	1	2.32	0.1	30	1	0.1	1	10.7	0.1	6	125	59	4.36	1	0.1	0	1	0.59	1585	0.1	0.01	32	1310	1	5	9	19	0.07	1	10	81	10	39
88-14	75.0	1	1.76	0.1	40	20	0.1	1	8.26	0.1	6	98	30	2.68	1	0.1	0.01	1	0.62	1240	0.1	0.01	34	1860	1	1	6	23	0.08	1	1	87	1	19
88-14	76.0	1	2.18	0.1	15	230	0.1	1	13.3	0.1	3	200	15	5.68	1	0.1	0.14	1	0.75	2210	0.1	0.03	8	1320	4	1	15	68	0.1	1	1	188	10	26
88-14	77.0	210	2.09	1.4	20	340	0.1	1	5.67	0.1	13	64	1710	7.18	1	0.1	0.18	1	1.12	1270	0.1	0.06	32	1000	1	5	5	59	0.06	1	1	131	5	48
88-14	78.0	50	1.46	0.2	5	80	0.1	1	5.29	0.1	5	72	688	4.2	1	0.1	0.06	1	0.87	807	11	0.03	16	600	1	1	5	70	0.04	1	10	95	5	28
88-14	79.0	236	1.13	1.2	5	10	0.1	1	6.18	0.1	9	68	1900	3.6	1	0.1	0.05	1	0.73	738	3	0.03	47	1000	1	1	4	59	0.04	10	10	75	5	29
88-14	80.0	70	1.58	0.1	15	70	0.1	1	7.82	0.1	5	55	320	5.96	1	0.1	0.04	1	0.93	1405	7	0.02	17	470	1	1	5	40	0.06	1	1	386	5	28
88-14	80.8	50	1.26	0.4	10	30	0.1	1	3.36	0.1	9	47	383	3.72	1	0.1	0.07	1	1.02	610	0.1	0.04	47	400	1	1	4	29	0.06	1	10	148	1	27
88-14	81.3	240	0.79	1.8	15	80	0.1	1	2.21	0.1	26	11	2070	6.23	1	0.1	0.07	1	0.6	437	0.1	0.04	107	340	1	5	1	20	0.02	1	10	70	1	32
88-14	82.3	10	1.56	0.1	20	1	0.5	1	8.86	0.1	6	35	88	5.78	1	0.1	0	1	0.59	1415	15	0.01	16	380	1	5	5	32	0.08	1	10	134	5	27
88-14	83.5	5	1.87	0.1	25	1	0.5	1	10.3	0.1	11	36	122	6.79	1	0.1	0	1	0.73	1815	8	0.01	37	370	1	1	6	36	0.05	1	1	135	5	36

Aug. '00

(from Chemex Labs'88)

S. Zastavnikovich, P.Geo.

For Electrum Res. Corp. — APPENDIX V — HAIDA Drill Core

DDH	m.	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
88-14	84.2	245	1.58	0.1	35	200	0.5	1	6.47	0.1	18	12	709	18	1	0.1	0.14	1	0.68	774	42	0.05	80	1990	1	10	2	78	0.02	1	10	278	15	50
88-14	85.0	55	1.52	0.8	65	10	0.1	1	4.04	0.1	33	61	1030	3.98	1	0.1	0.02	1	1.17	640	28	0.02	57	2360	1	1	4	63	0.06	1	1	77	5	56
88-14	86.0	20	1.17	0.2	30	1	0.1	1	2.94	0.1	35	45	322	4.5	1	0.1	0.02	1	0.72	656	32	0.02	79	830	1	1	3	38	0.11	1	10	102	1	47
88-14	87.0	10	1.3	0.2	40	10	0.1	1	4.58	0.1	22	62	172	3.58	1	0.1	0.03	1	0.74	877	34	0.02	58	650	1	1	3	56	0.13	1	10	124	1	32
88-14	88.0	10	1.22	0.4	55	10	0.1	1	2.85	0.1	34	49	282	3.27	1	0.1	0.02	1	1.06	474	70	0.02	98	560	1	1	2	56	0.09	1	1	78	1	40
88-14	89.0	5	1.68	0.1	65	20	0.1	1	5.09	0.1	40	59	437	4.48	1	0.1	0.01	1	1.27	969	80	0.02	79	520	1	1	5	95	0.06	1	1	107	1	45
88-14	90.0	25	1.9	0.1	35	10	0.1	1	11.9	0.1	21	64	149	7.46	1	0.1	0	1	0.96	2040	20	0.01	47	190	1	1	6	89	0.07	1	1	217	10	32
88-14	91.0	1	1.9	0.1	40	10	0.1	1	14	0.1	8	92	88	9.82	1	0.1	0	1	0.35	2400	0.1	0.01	28	880	1	5	8	23	0.03	1	10	316	10	19
88-14	92.0	35	1.61	0.1	45	1	0.1	1	10.4	0.1	15	59	46	6.87	1	0.1	0	1	0.43	1645	2	0.01	12	860	1	1	5	21	0.04	1	1	236	5	19
88-14	93.0	15	1.3	0.4	35	10	0.1	1	3.2	0.1	20	36	296	2.99	1	0.1	0.01	1	0.78	734	2	0.02	32	740	1	1	4	58	0.14	1	1	92	1	45
88-14	94.0	30	1.59	0.8	85	30	0.1	1	2.7	0.1	39	63	548	4.93	1	0.1	0.07	1	1.89	611	45	0.02	72	1070	6	5	5	77	0.16	10	1	98	1	65
88-14	95.0	40	1.16	1	120	50	0.1	1	2.56	0.1	13	94	68	3.69	1	0.1	0.08	1	1.13	302	102	0.02	78	630	4	1	4	81	0.02	10	10	57	1	68
88-14	96.0	35	0.7	1.4	65	100	0.5	1	1.36	9.5	8	91	112	2.64	1	0.1	0.2	10	0.43	189	84	0.01	108	1790	8	1	2	31	0	10	10	73	1	538
88-14	98.0	35	0.82	2.4	45	90	0.5	1	1.47	12	8	179	115	2.59	1	0.1	0.19	10	0.64	234	66	0.01	115	2280	6	1	2	49	0.01	20	20	126	1	679
88-14	100.0	70	0.92	2.6	85	90	0.1	1	1.77	12.8	8	202	118	2.73	1	0.1	0.15	10	0.81	275	118	0.01	148	2790	12	1	2	63	0.01	10	10	155	1	623
88-14	102.0	56	0.94	1.8	140	60	0.1	1	1.17	14.5	9	212	84	2.61	1	0.1	0.1	10	0.93	245	114	0.01	126	1100	4	1	4	37	0.02	10	20	255	1	585
88-14	104.0	60	1.19	1	80	60	0.5	1	1.07	0.5	16	218	91	3.06	1	0.1	0.09	1	1.19	223	35	0.02	69	810	1	1	4	36	0.18	10	10	269	1	103
88-14	106.0	100	1.75	0.8	45	50	1	1	1.11	1	17	107	157	4.77	1	0.1	0.11	1	1.67	255	9	0.02	55	1540	2	1	4	45	0.23	1	1	96	1	131
88-14	108.0	110	1.82	1	30	60	1	1	1.23	0.5	17	129	130	4.79	1	0.1	0.15	10	1.64	216	13	0.02	57	1860	1	1	5	48	0.25	1	10	121	1	87
88-14	110.0	70	1.7	0.2	35	60	0.5	1	1.67	0.1	18	43	102	4.55	1	0.1	0.12	1	1.29	269	3	0.02	22	1450	1	1	2	64	0.23	1	1	73	1	50
88-14	112.0	65	1.47	0.4	75	50	0.5	1	1.69	0.1	16	27	84	4.51	1	0.1	0.11	1	1.04	308	2	0.02	11	960	2	1	2	59	0.16	1	1	44	1	49
88-14	114.0	80	1.87	0.4	35	60	0.5	1	1.45	0.1	19	17	71	4.21	10	0.1	0.18	10	1.67	416	1	0.03	12	1010	1	5	3	47	0.2	1	1	79	1	52
88-14	116.0	65	1.66	0.4	30	50	0.5	1	2.48	0.1	13	109	90	3.72	1	0.1	0.15	10	1.56	296	10	0.02	82	2400	1	1	5	74	0.09	1	1	106	1	53
88-14	118.0	55	0.9	1.2	20	80	0.5	1	1.58	0.5	11	125	117	2.81	1	0.1	0.16	10	0.59	288	11	0.02	99	950	4	5	3	43	0.01	1	1	45	1	116
88-14	120.0	85	0.62	1	20	90	0.5	1	2.25	0.5	9	58	94	2.28	1	0.1	0.09	10	0.32	222	46	0.02	84	2910	4	1	4	54	0	1	1	23	1	132
88-14	122.0	70	0.57	1.6	40	30	0.5	2	4.07	1	10	86	77	2.6	1	0.1	0.05	1	1.05	604	233	0.02	93	690	46	5	8	113	0	1	1	22	1	229
88-14	124.0	20	0.76	0.6	50	30	0.5	1	3	0.1	14	86	76	2.67	1	0.1	0.12	1	1.22	393	28	0.02	120	500	8	1	8	108	0	1	1	32	1	85
88-14	126.0	15	0.67	0.8	45	30	0.1	1	2.79	0.5	14	117	61	2.64	1	0.1	0.03	1	1.61	381	96	0.03	128	680	38	1	9	192	0	10	10	30	10	117
88-14	128.0	120	2.46	1.2	30	40	0.1	1	2.98	0.1	26	106	133	6.0	1	0.1	0.13	10	2.49	646	5	0.02	66	2990	1	1	9	94	0.01	1	1	158	5	132
88-14	130.0	120	2.41	1.2	50	40	0.1	1	3.28	0.1	27	90	135	6.0	1	0.1	0.16	10	2.36	682	4	0.02	64	1330	1	5	9	86	0.03	1	1	145	5	138
88-14	132.0	35	1.18	0.4	15	70	0.1	1	3.04	0.1	10	115	61	2.27	1	0.1	0.13	10	1.26	363	7	0.02	74	350	4	1	4	103	0.04	1	1	34	5	109
88-14	134.0	30	1.53	0.8	25	60	0.1	1	1.08	0.1	13	129	86	3.16	1	0.1	0.19	10	1.52	265	4	0.02	103	930	1	1	3	31	0.01	1	1	46	5	119
88-14	136.0	45	2.54	0.4	5	30	0.1	1	3.19	0.1	21	148	86	4.27	1	0.1	0.09	1	2.8	633	0.1	0.02	52	580	1	1	15	83	0.21	10	10	112	5	108
88-14	138.0	20	2.24	0.4	20	30	0.1	1	2.91	0.1	25	135	84	3.92	1	0.1	0.09	1	2.36	548	1	0.05	50	700	1	1	9	85	0.17	1	10	86	5	70
88-14	140.0	45	1.21	0.8	5	50	0.1	1	1.29	0.5	16	90	98	3.49	1	0.1	0.13	10	1.25	325	2	0.02	63	600	4	1	4	34	0.17	1	1	57	1	113
88-14	142.0	60	1.81	1	5	80	0.1	1	1.3	0.5	21	94	109	3.83	1	0.1	0.19	10	1.33	325	0.1	0.02	61	610	6	1	4	44	0.2	1	1	72	5	97
88-14	144.0	10	0.79	0.4	10	30	0.1	1	0.67	0.1	9	129	71	1.98	1	0.1	0.09	10	0.81	133	0.1	0.02	55	210	2	1	3	13	0.07	1	1	32	1	61
88-14	146.0	10	0.84	0.2	5	40	0.1	2	0.76	0.1	7	129	61	1.74	1	0.1	0.12	10	0.85	136	0.1	0.02	49	210	1	1	3	17	0.04	1	1	33	1	53
88-14	147.8	75	1.34	0.6	30	50	0.1	1	1.21	0.5	32	47	142	4.32	1	0.1	0.15	1	1.13	246	0.1	0.02	41	990	1	1	2	38	0.22	1	1	58	5	99

			LEGEND				
Mineralization			Geological Environment			Locattion / Type	
as	arsenopyrite		a	andesite		adit	adit
c	chalcopyrite		act	actinolite		faut(z)	fault(zone)
ca	calcite		arg	argillite		flt	float
cov	covelite		bx	breccia		Locattion / Type	
ga	galena		cb	carbonate		o	outcrop
h	hematite		cht	chert		pit	pit
l	limonite		cl	clay		rc	road cut
m	magnetite		cnt	contact		sc	subcrop
mal	malachite		d	diorite		shr(z)	shear(zone)
p	pyrite		dy	dyke		shw	showing
po	phyrrhotite		fel	felsic		tr	trench
sp	sphalerite		fis	fissure			
tet	tetrahedrite		fw	footwall			
tur	tourmaline		g	garnet			
			gd	granodiorite			
			goss	gossan			
			gou	gouge			
			hb(t)	hornblend(ite)			
			hf	hornfel+E49s			
			hw	hanging wall			
			ls	limestone			
			mar	marble			
			pl	plageoclase			
			por	porphyry			
			qcb	quartz-carbonate			
			qm	qtz monzonite			
			qmd	qtz monzdiorite			
			qv	quartz vein			
			s	skarn			
			sed	sediment			
			sen	endoskarn			
			sex	exoskarn			
			sulf	sulphides			
			vn	vein			

SAMPLE	Vis.Min.	Type	Location	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
465445	m,	sex	tr 04	40	1.31	0.2	60	20	0.1	1	7.57	0.1	134	91	1515	10.5	10	0.1	0.01	1	0.15	1460	3	0.001	112	1710	1	5	3	3	0.05	1	20	113	10	46
465482	po,p,c	sex	tr 04	40	2.46	0.1	50	20	0.1	1	12.6	0.1	128	155	1255	13.6	1	0.1	0	1	0.4	2860	8	0.001	66	1210	16	1	7	7	0.06	1	10	151	40	40
473660	m,po,c,	sex	tr 04a	40	0.66	0.2	40	1	0.1	1	2.09	0.1	260	15	2390	18	1	0.1	0	20	0.27	475	0.1	0.001	245	3390	1	1	1	10	0.01	1	1	37	40	66
473667	m,po,c,	sex	tr 04a	40	0.66	0.2	35	1	0.1	1	1.44	0.1	23	3	378	18	1	0.1	0	20	0.34	580	0.1	0.001	35	1910	1	1	1	7	0.01	1	1	24	20	122
465318	p,	sex	tr 05	40	1.89	1	105	20	0.1	1	3.15	0.1	24	29	732	4.93	1	0.1	0.03	1	1	1025	0.1	0.03	22	1180	2	1	3	50	0.1	1	1	124	1	66
473555	m,po,p,c,	s,m,	tr 05a	40	2.19	0.1	15	100	0.1	1	6.13	1.5	76	113	795	18	1	0.1	0.06	1	0.43	1560	1	0.001	81	410	10	1	8	10	0.12	1	20	244	60	62
473633	po,m,p,	sex	tr 12	40	0.95	1	1	20	0.1	1	2	0.1	36	32	933	18	1	0.1	0	10	0.26	1070	2	0.001	42	800	1	1	3	11	0.04	1	1	196	1	142
465063	po,p,c	sex	tr 13	40	2.2	0.8	4250	40	0.1	1	8.99	0.5	48	128	190	5.65	1	0.1	0	1	0.16	2370	1	0.001	34	5460	1	1	6	32	0.08	1	1	66	1	38
465319	p,	cba,a	flt	35	0.44	0.1	15	130	0.1	2	5.66	0.1	26	34	128	4.69	1	0.1	0.3	1	1.33	1025	5	0.02	14	980	20	5	14	277	0.001	1	1	25	1	44
465379	p,05,	hf,act,	ftwl	35	4.24	0.1	1	100	1	1	1.13	1.5	42	106	73	7.7	1	0.1	1.05	1	4.62	1360	9	0.06	29	750	40	1	32	76	0.23	1	1	337	20	118
465302	p,03,c,	chty,sed	pit,seds	35	1.34	0.2	105	20	0.5	1	2.04	0.5	14	141	200	3.62	1	0.1	0.01	1	0.51	1065	41	0.01	100	1190	18	5	3	67	0.21	1	1	79	1	150
465182	m,p	sen	tr 01	35	1.91	0.1	95	20	0.1	1	12.8	0.1	8	120	103	13.6	1	0.1	0.01	1	0.21	2720	0.1	0.01	9	5040	1	1	8	16	0.05	1	1	274	40	30
465411	p,	hf,act,	tr 03	35	1.74	0.1	30	60	0.1	4	1.79	0.1	30	39	350	4.78	1	0.1	0.11	1	1.29	495	0.1	0.03	9	930	1	1	2	22	0.06	1	1	48	1	36
465298	m,p,as,	sen	tr 05	35	2.18	0.1	1	70	0.1	1	4.48	2.5	28	102	866	18	10	0.1	0.02	1	0.56	1330	0.1	0.01	113	420	1	5	5	9	0.08	10	1	177	100	116
473639	p,c,	sen	tr 12	35	0.99	0.8	1	40	0.1	1	1.4	0.1	24	32	419	18	10	0.1	0	10	0.34	1030	0.1	0.001	21	260	1	1	3	6	0.05	1	1	163	1	124
465322	p,h,	por,hb,a	tuff,chty	35	0.17	0.1	30	10	0.1	1	8.91	0.1	41	66	306	9.8	1	0.1	0.01	1	0.45	3650	1	0.001	14	1	2	1	1	133	0.001	1	1	19	1	86
465014	p,05,po,c	qmd	flt	30	1.63	0.2	1	40	0.1	1	2.2	0.1	16	28	111	3.95	1	0.1	0.04	1	0.26	120	7	0.04	8	1360	8	1	1	248	0.14	1	1	36	1	22
465326	c,	qtz,bull	flt	30	0.39	0.1	1	10	0.1	1	0.27	0.1	6	254	8	0.84	1	0.1	0.01	1	0.4	150	0.1	0.001	14	70	8	1	2	11	0.001	1	1	18	1	10
465018	p,05,	qvl,a	flt	30	0.21	0.1	55	360	0.1	1	2.63	0.1	19	81	99	4.1	1	0.1	0.04	1	0.7	1125	5	0.09	16	340	20	1	9	88	0.01	1	1	38	1	60
465375	p,05,	hf,act,	ftwl	30	3.88	0.1	1	130	0.5	1	0.32	0.1	34	92	64	7.5	1	0.1	0.48	1	4.14	1290	5	0.08	18	640	48	1	29	24	0.15	1	1	329	10	96
465203	mal,	gd	hwy24	30	2.08	1.2	20	50	0.5	1	1.3	0.1	30	69	1425	4.43	10	0.1	0.26	10	1.54	720	2	0.1	31	1640	28	1	6	52	0.23	1	1	110	1	102
465213	go,l	fault	hwy24	30	1.95	0.1	10	130	1	1	1.66	0.1	11	29	42	4.26	1	0.1	0.32	20	0.6	955	5	0.07	6	1090	10	1	6	32	0.001	1	1	44	1	86
465222	p,cavl	a,dy	hwy24	30	0.3	0.1	230	50	1	1	18	0.1	1	24	20	13	1	0.1	0.01	1	0.16	1600	13	0.01	2	90	6	1	1	115	0.001	1	1	4	1	26
465033	m,p	a	oc	30	1.63	0.1	1	10	0.1	1	7.67	0.1	19	76	156	18	1	0.1	0.01	1	0.16	1795	3	0.001	30	1010	40	1	6	12	0.07	1	1	311	50	70
465041	p,as	s	oc	30	2.29	0.1	35	10	0.1	2	10.3	0.1	10	80	105	5.21	1	0.1	0	1	0.69	1915	0.1	0.001	12	2570	12	1	5	36	0.09	1	1	142	10	28
473544	po,p,as,	shr,a	shr	30	2.8	0.1	3190	70	0.1	1	4.56	6.5	68	95	245	8.7	1	0.1	0.28	1	2.17	1135	1	0.01	157	3020	4	10	11	94	0.09	1	1	149	20	74
465253	m,p	s,m	tr 01	30	0.83	0.6	60	30	0.1	1	1.65	0.1	27	36	218	2.91	1	0.1	0.02	1	0.57	535	1	0.01	19	1290	6	1	2	22	0.08	1	1	27	1	38
465175	p,05,	sen	tr 01	30	1.34	0.1	30	60	0.1	4	2.61	1	30	17	724	5.83	1	0.1	0.07	1	0.59	790	0.1	0.03	35	3260	1	5	2	77	0.09	1	1	86	1	224
465262	p,07,	d	tr 01	30	2.15	0.1	30	40	0.1	1	6.09	1	57	52	1675	18	1	0.1	0.01	1	0.64	1400	1	0.001	73	3030	1	5	5	17	0.08	1	1	252	150	54
465260	p,07,	d	tr 01	30	2.01	0.1	1	40	0.1	1	7.37	2	25	64	340	18	1	0.1	0.01	1	0.44	1690	0.1	0.001	49	3020	1	10	6	15	0.08	1	1	325	250	44
465181	m,p	sen	tr 01	30	2.27	0.1	135	20	0.1	1	13	0.1	9	104	146	10.4	1	0.1	0.02	1	0.25	2740	0.1	0.01	14	8080	1	1	8	21	0.08	1	1	230	30	26
473580	p,	a	tr 01a	30	2.8	0.4	50	20	0.1	1	11.1	0.1	10	153	119	8.3	1	0.1	0	1	1.05	2610	0.1	0.01	21	5030	1	1	10	23	0.09	1	1	237	1	40
465155	p	gouge	tr 02	30	2.56	1.4	170	50	0.1	1	7.35	0.1	179	67	1930	18	1	0.1	0.07	1	1.87	1885	2	0.01	278	2340	1	1	7	96	0.11	1	1	236	40	84
465437	p,c,	sex	tr 04	30	1.23	0.2	135	1	0.1	1	4.03	0.1	134	36	673	18	20	0.1	0	10	0.38	895	3	0.001	129	3750	1	20	3	11	0.05	1	10	191	80	52
465433	p,c,	sex	tr 04	30	1.86	0.4	85	10	0.1	1	6.09	0.1	53	85	381	7.2	10	2	0	1	0.66	1385	0.1	0.001	44	4530	1	30	3	12	0.05	1	1	76	30	32
465439	m,p,c,	sex	tr 04	30	1.37	0.6	60	20	0.1	1	6.78	0.1	104	61	946	18	20	0.1	0	1	0.25	1575	1	0.001	82	1580	1	10	3	6	0.07	1	30	296	50	44
473650	po,m,c,	sex	tr 04a	30	0.92	0.2	40	1	0.1	1	3.48	0.1	190	37	1380	10.1	1	0.1	0	30	0.27	735	2	0.001	231	2220	12	1	2	4	0.02	1	1	34	1	58
465315	p,	sen	tr 05	30	2.14	0.1	70	50	0.1	1	8.67	0.1	19	110	688	9.46	1	0.1	0.02	1	0.43	2020	0.1	0.01	21	1600	1	5	7	12	0.1	1	1	126	1	50
473523	m,po,p,	sex	tr 05a	30	1.71	0.1	35	100	0.1	1	4.88	0.5	78	49	397	18	1	0.1	0.02	1	0.37	1220	0.1	0.001	27	2240	4	1	4	9	0.06	1	10	70	50	76
465485	p,01,	cnt,d,a,	tr 10	30	2.77	0.1	50	50	0.1	1	1.77	0.1	24	223	93	4.25	1	0.1	0.07	1	2.9	725	1	0.05	119	1420	1	1	6	93	0.26	1	1	113	1	88
465484	p,01,	d	tr 10	30	2.15	0.1	1	40	0.1	1	1.79	0.1	29	61	152	4.4	1	0.1	0.08	1	1.47	755	1	0.05	25	1020	4	1	4	70	0.34	1	1	126	10	76
473585	p,	a	tr 11	30	1.19	0.1	100	90	0.1	1	0.56	0.1	79	59	279	11.3	1	0.1	0.26	10	0.57	480	21	0.04	22	1770	4	1	8	50	0.12	1	1	72	40	52
465310	p,10,	qmd	flt	25	1.38	0.2	130	30	0.1	1	1.21	1	98	59	796	6.5	1	0.1	0.05	10	0.68	235	0.1	0.04	76	1160	1	1	3	133	0.21	1	1	66	10	60
465381	p,05,	hf,act,	ftwl	25	2.98	0.1	1	150	0.1	1	0.78	0.5	30	51	93	7.1	1	0.1	1.32	1	2.31	1255	11	0.07	17	1290	28	1	22	30	0.21	1	1	228	10	102
465331	p,	bx,a	hgwl	25	1.72	0.1	15	30	0.1	1	2.88	0.1	21	28	240	3.61	1	0.1	0.19	1	1.26	870	2	0.04	7	1450	1	5	3	95	0.1	1	1	44	1	56
465051		qvl,d	oc	25	0.87	1.4	35	30	0.1	1	0.97	0.5	13	84	25	2.16	1	0.1	0.08	10	0.86	530	0.1	0.06	9	820	8	1	3	39	0.03	1	1	57	1	64
473711	p,	chty,arg	PbZn show	25	0.63	4	1	220	0.1	1	1.22	23	7	53	70	3.23	1	2	0.37	20	0.33	830	1	0.01	45	900	910	5	1	57	0.03	1	1	36	10	4300
465252	p,10,m	s,m	tr 01	25	1.67	0.4	25	150	0.1	1	0.85	0.1	26	20	281	4.13	1	0.1	0.12	10	1.29	335	0.1	0.04	11	1360	10	1	2	71	0.23	1	1	65	10	74
465257	p,01,	hf,act	tr 01	25	1.89	0.1	20	90	0.1	1	2.73	1.5	9	27	89	18	1	0.1	0.06	1	1	730	5	0.01	27	3870	4	15	3	38	0.06	1	1	258	200	66
465163	m,po,p,as	sex	tr 02	25	2.65	0.1	115	270	0.1	2	4.42	0.1	127	43	783	13.3	1	0.1	0.08	1	1.98	1395	1	0.02	118	2180	1	1	6	214	0.14	1	1	165	30	102
465404	p,	d	tr 03	25	1.5	0.1	265	20	0.1	2	1	0.5	26	41	287	5.22	1	0.1	0.07	1	1.21	510	35	0.03	5	110	1	5	3	12	0.05	1	1	39	1	34
465428	p,m,c,	a	tr 04	25	1.34	0.2	55	20	0.1	1	6.58	0.5	40	46	444	8.2	10	0.1	0	1	0.38	1190	2	0.001	54	5260	12	20	3	12	0.05	1	1	89	30	28
465441	m,p,c,	sex	tr 04	25	1.41	0.2	145	10	0.1	1	9.13	0.1	114	99	1200	18	10	0.1	0	1	0.29	1725	10	0.001	87	5230	1	15	5	19	0.05	1	20	232	50	42
465314	p,	sen	tr 05	25	1.18	0.2	10	410	0.1	1	0.31	1.5	5	83	44	1.3	1	0.1	0.19	10	1.08	180	1	0.01	24	1160	10	1	1	6	0.001	1	1	29	1	140
465312		ls	flt	20	1.19	0.6	75	50	0.1	1	3.87	0.1	108	40	833	9.5	1	0.1	0.42	1	1.46	1205	0.1	0.02	28	780	2	5	7	203	0.001	10	1	28	1	86

APPENDIX V - Haida Rocks (Au>25ppb)

SAMPLE	Vis.Min.	Type	Location	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
465282	m,p,c,	hf,act	tr 03	65	1.81	0.1	85	90	0.1	1	1.43	0.5	72	133	989	14.7	10	0.1	0.04	1	1.17	680	129	0.03	14	3230	1	5	9	22	0.1	10	1	233	20	44
465292	m,p,c,mal,	a	tr 03	65	1.74	0.6	1	30	0.1	1	3.39	1	32	115	1865	12.2	1	0.1	0.12	1	0.89	860	22	0.02	8	1070	1	10	4	33	0.05	1	1	126	40	48
473560	p,	sen	tr 05a	65	2.06	0.1	65	30	0.1	1	1.55	0.5	40	52	211	6.9	1	0.1	0.02	1	0.9	325	0.1	0.01	32	920	10	1	4	93	0.21	1	1	139	10	50
473535	m,p,	sex	tr 05a	65	0.9	0.1	1	30	0.1	1	1.35	3	251	9	819	18	1	0.1	0.01	10	0.2	480	9	0.001	412	570	8	1	3	13	0.04	1	20	273	10	78
473600	m,p,	sex	tr 11a	65	0.56	0.8	10	120	0.1	1	7.94	0.1	97	49	1200	18	1	0.1	0.03	1	0.14	1250	1	0.001	10	280	1	1	2	10	0.01	1	1	76	80	52
473637	m,po,p,c,	s,m,	tr 12	65	1.22	1.4	1	1	0.1	1	3.33	0.1	36	72	1300	18	1	0.1	0	1	0.24	1185	0.1	0.001	37	450	1	1	4	4	0.06	1	1	228	1	152
465002	p, 20,	s,g	flt	60	1.76	0.1	25	30	0.1	1	11.3	0.1	92	39	583	18	1	0.1	0.01	1	0.17	2030	10	0.001	21	650	18	1	3	2	0.05	1	1	50	20	34
465105	p,h,l	cht	oc	60	0.24	1.2	80	80	0.1	2	0.46	0.1	21	232	159	5.36	1	0.1	0.17	10	0.07	855	11	0.01	11	150	48	1	1	20	0.001	1	1	14	1	74
465266	p,05,go	fault	tr 01	60	1.9	0.1	15	20	0.1	1	8.21	0.1	27	53	570	11.7	1	0.1	0	1	0.49	1800	13	0.01	42	1720	1	5	5	11	0.11	1	1	416	100	38
465191	m,p	M	tr 01	60	1.61	0.1	95	60	0.1	1	8.97	0.1	7	108	163	14.9	1	0.1	0.01	1	0.47	1995	11	0.01	8	4810	1	1	5	17	0.07	1	1	291	20	32
465279	m,p,c,	hf,act	tr 03	60	2.05	0.1	30	100	0.1	1	2.53	0.5	61	169	1305	11	1	0.1	0.07	1	1.26	845	33	0.04	9	3310	1	5	6	23	0.09	1	1	119	10	48
465425	m,po,c,p,	sex	tr 04	60	1.08	0.1	95	20	0.1	1	4.59	0.1	34	20	517	18	10	0.1	0	10	0.18	1060	5	0.001	45	3360	1	25	5	22	0.06	1	1	151	90	42
473636	m,po,p,c,	s,m,	tr 12	60	1.05	2	5	10	0.1	1	2.38	0.1	132	35	3530	18	1	0.1	0	1	0.29	935	1	0.001	82	490	1	1	4	15	0.06	1	1	125	1	108
465233	p,15,m	hbt	hwy24	55	2.36	0.1	1	20	2.5	1	8.38	0.5	44	84	219	9.23	1	0.1	1.56	1	3.15	1260	3	0.01	72	90	16	1	14	168	0.34	1	1	432	1	90
465277	m,p,c,	hf,act	tr 03	55	2.19	0.1	40	20	0.1	1	1.15	0.1	80	110	548	12.6	1	0.1	0.02	1	1.33	715	0.1	0.02	10	280	2	10	5	9	0.05	1	1	96	20	42
465290	m,p,c,	a	tr 03	55	2.17	0.4	1	110	0.1	1	1.79	0.5	42	56	1185	9.92	1	0.1	0.06	1	1.47	845	55	0.01	10	380	2	10	4	23	0.05	1	1	69	30	48
473641	p,c,	sen	tr 12	55	2.36	1.8	55	160	0.1	1	5.82	0.1	159	43	3270	9.43	1	0.1	0.01	1	0.77	1760	0.1	0.001	47	660	1	5	6	86	0.15	1	1	69	1	96
465019	p,08,	qmd	flt	50	3.08	1	1	10	0.1	1	0.76	0.1	37	83	2080	11.4	1	0.1	0	1	4.77	585	5	0.02	98	1530	1	1	2	9	0.04	1	1	55	1	168
465024	p,12,po,c	hf	flt	50	1.24	0.1	165	20	0.1	1	4.76	0.1	8	83	195	4.7	1	0.1	0.05	1	0.15	1030	73	0.01	26	950	4	1	3	24	0.11	1	1	336	1	38
465329	p,	a,ftwl	ftwl	50	1.64	0.1	1	10	0.1	1	2.91	1	26	66	266	6.22	1	0.1	0.02	1	1.14	1360	1	0.02	13	740	1	5	4	78	0.12	10	1	78	1	80
473714	po,	bx,d,	PbZn show	50	0.28	0.2	205	160	0.1	14	0.63	1.5	2	24	3	1.06	1	1	0.09	10	0.14	845	5	0.02	3	100	32	1	1	111	0.001	1	20	10	100	240
465255	p,01,	hf,act	tr 01	50	2.06	0.1	5	110	0.1	1	2.14	0.5	7	19	28	4.1	1	0.1	0.07	1	1.06	645	0.1	0.02	8	1960	1	5	2	68	0.12	1	1	57	10	80
465442	m,p,c,	sex	tr 04	50	0.95	0.8	240	90	0.1	1	2.63	0.1	160	80	1285	18	20	0.1	0.16	20	0.32	695	0.1	0.001	93	5260	1	1	3	20	0.07	1	50	385	20	62
465480	po,p,c	sex	tr 04	50	1.3	0.1	90	30	0.1	1	5.17	0.5	85	96	1010	18	1	0.1	0.01	1	0.43	1440	2	0.001	65	2870	12	5	4	40	0.09	1	10	246	40	68
465429	p,c,	sex	tr 04	50	1.68	0.1	35	30	0.1	1	6.09	1	101	67	789	13	10	0.1	0	1	0.3	1495	4	0.001	69	2920	12	25	3	19	0.05	1	1	89	30	36
465417	p,	s	tr 04	50	3.02	0.1	130	10	0.1	1	12.4	0.1	4	150	10	6.5	1	2	0	1	0.34	2390	0.1	0.01	5	2990	1	1	6	6	0.06	1	1	105	10	32
473654	m,po,c,	sex	tr 04a	50	0.62	0.2	95	1	0.1	1	3.19	0.1	152	18	5080	14.5	10	0.1	0	30	0.21	635	0.1	0.001	132	5930	1	1	2	12	0.03	1	1	108	30	72
473666	m,po,c,	sex	tr 04a	50	0.98	0.2	30	1	0.1	1	3.6	0.1	20	32	504	18	1	0.1	0	30	0.36	800	1	0.001	29	3040	1	1	2	9	0.03	1	1	53	50	74
473531	m,p,	sex	tr 05a	50	2.14	0.1	30	70	0.1	1	8.09	0.5	19	52	558	10.7	1	0.1	0.03	1	0.27	1535	1	0.001	18	4980	4	1	5	24	0.08	1	1	86	30	30
473511	m,po,p,c,	sen	tr 08	50	1.95	0.1	150	80	0.1	1	5.5	0.1	66	72	646	18	1	0.1	0.03	1	0.51	1380	0.1	0.001	60	1570	2	5	6	36	0.11	1	20	290	1	60
473505	m,p,c,	sen	tr 08	50	1.57	0.1	220	20	0.1	1	7.06	0.1	167	56	1490	12.6	1	0.1	0.02	1	0.42	1585	2	0.02	296	7040	6	10	8	17	0.09	1	1	157	40	46
473503	m,p,c,	sen	tr 08	50	3.48	0.1	65	40	0.1	1	7.94	0.5	65	116	420	12.4	1	0.1	0.01	1	1.62	2540	1	0.01	52	1320	4	10	9	17	0.12	1	1	162	40	74
473622	p,po,m,c,	sex	tr 12	50	0.74	1.2	65	10	0.1	1	1.7	0.5	170	23	1870	18	1	0.1	0	10	0.27	555	4	0.001	163	1260	1	1	3	22	0.03	1	1	47	1	86
473640	p,c,	sen	tr 12	50	1.84	1.6	35	40	0.1	1	3.6	0.1	81	30	2240	18	1	0.1	0	1	0.51	1595	0.1	0.001	70	440	1	1	4	32	0.09	1	1	90	1	98
473632	po,m,p,	sex	tr 12	50	1.59	1.6	5	50	0.1	1	6.19	0.1	100	59	1630	18	1	0.1	0	1	0.24	1720	0.1	0.001	66	900	1	1	4	10	0.05	1	1	214	1	84
465056		s	tr 13	50	2.1	0.6	10	40	0.1	1	18	0.1	17	151	78	8.7	1	0.1	0.04	1	0.35	2490	0.1	0.001	18	5340	1	1	6	79	0.07	1	1	193	1	28
465107	qz?	QV?	QV?	45	0.06	1.4	1	10	0.1	1	0.02	0.1	0.1	197	9	0.71	1	0.1	0	1	0.02	60	136	0.02	5	30	424	1	0.1	2	0.001	1	1	2	1	30
465259	p,07,	d	tr 01	45	2.04	0.1	110	60	0.1	1	5.57	0.1	76	58	861	18	1	0.1	0.02	1	0.54	1390	2	0.001	107	3840	1	10	7	26	0.1	1	1	276	250	50
465178	p,	hf,act	tr 01	45	2.08	0.1	100	50	0.1	1	6.47	0.1	15	76	76	8.3	1	0.1	0.05	1	0.71	1475	0.1	0.01	18	4840	1	1	4	77	0.05	1	1	128	20	90
465265	p,07,	d	tr 01	45	2.35	0.1	60	30	0.1	1	7.87	1	134	51	727	13.1	1	0.1	0.01	1	0.62	1630	12	0.01	132	1780	1	10	6	11	0.11	1	1	304	130	36
473581	p,	a	tr 01a	45	2.73	0.4	35	30	0.1	1	11.9	0.1	24	130	167	10.5	1	0.1	0.02	1	0.61	2890	0.1	0.01	19	2160	1	1	8	15	0.07	1	1	210	1	32
465409	p,	hf,act,	tr 03	45	1.13	0.1	70	10	0.1	1	0.83	0.1	76	44	684	9.61	1	0.1	0.03	1	0.66	345	42	0.03	10	200	4	5	3	15	0.06	1	1	73	10	26
465427	m,po,c,p,	sex	tr 04	45	1.12	0.8	100	20	0.1	1	5.08	0.1	139	36	1695	11.1	10	0.1	0	1	0.22	950	0.1	0.001	190	5550	1	20	3	13	0.04	1	1	76	30	46
465431	p,c,	sex	tr 04	45	2.49	0.6	70	1	0.1	1	5.29	1	128	62	1415	12.7	10	0.1	0	1	1.18	1275	0.1	0.001	186	4210	1	20	3	11	0.04	1	1	82	40	50
465438	p,c,	sex	tr 04	45	1.27	0.1	45	10	0.1	1	6.53	2.5	140	37	1265	18	20	0.1	0	1	0.35	1370	0.1	0.001	120	1780	2	10	5	14	0.07	1	1	271	110	70
465058		s	tr 13	45	3.08	0.4	1	40	0.1	1	12.3	0.1	40	151	70	7.3	1	0.1	0	1	0.44	3420	1	0.001	53	1880	1	1	8	40	0.1	1	1	442	1	94
465341	po,p,	a	flt	40	1.42	0.2	1285	50	0.1	1	1.06	0.1	38	52	356	5.51	10	0.1	0.13	1	1.1	265	0.1	0.03	39	1480	1	1	3	52	0.26	1	10	102	1	50
465015	p,05,c	qvl,a	flt	40	0.33	0.1	1	40	0.1	1	7.26	0.5	11	45	248	3.22	1	0.1	0.04	1	0.78	1275	7	0.04	11	610	2	1	5	532	0.001	1	1	15	1	44
465311	p,	sex	flt	40	2.99	0.6	60	10	0.1	1	10.1	1	52	76	2060	10.9	1	0.1	0	1	0.18	2780	0.1	0.001	51	1240	4	15	4	8	0.12	1	1	120	1	104
465194	p,	sen	tr 01	40	2.24	0.1	65	80	0.1	1	7.46	0.1	41	100	222	6.3	1	0.1	0.03	1	0.68	1615	0.1	0.01	48	3060	1	5	7	26	0.08	1	1	96	10	36
465187	m,p	sen	tr 01	40	1.75	0.1	55	20	0.1	1	11.3	0.1	7	114	157	14.6	1	0.1	0.01	1	0.25	2270	9	0.01	9	1780	1	1	6	7	0.05	1	1	258	30	34
465180	p,	sen	tr 01	40	2.27	0.1	140	20	0.1	1	13	0.1	9	123	80	8.3	1	0.1	0	1	0.37	2750	0.1	0.01	10	15000	1	1	7	20	0.07	1	1	235	20	28
465286	m,p,c,	hf,act	tr 03	40	1.6	0.1	75	120	0.1	1	1.12	0.1	68	78	581	13.5	1	0.1	0.05	1	0.94	650	70	0.02	14	180	1	15	6	12	0.07	1	1	141	20	38
465284	m,p,c,	hf,act	tr 03	40	1.83	0.1	5	120	0.1	1	2.04	1	79	102	356	12.4	10	0.1	0.05	1	1.16	780	109	0.03	10	760	1	5	5	19	0.09	10	1	127	20	38
465430	p,c,	a	tr 04	40	1.07	0.2	85	10	0.1	1	5.06	1	283	44	1315	11.4	10	0.1	0	1	0.19	955	0.1	0.001	212	4040	12	25	3	11	0.03	1	1	67	20	34

APPENDIX V - Haida Rocks (Au>25ppb)

SAMPLE	Vis.Min.	Type	Location	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
465050	p,02,	sen	oc	110	0.49	0.1	40	100	0.1	1	5.59	0.1	18	40	71	3.79	1	0.1	0.34	1	1.78	665	0.1	0.01	5	1330	1	1	6	339	0.001	1	1	16	10	56
465270	p,07,	hf,act	tr 01	110	1.66	0.1	100	60	0.1	1	9.46	1	218	51	2040	18	1	0.1	0.02	1	0.2	1325	0.1	0.001	182	3010	8	10	5	7	0.09	1	1	265	100	50
465422	m,po,c	sen	tr 04	110	0.93	1.4	115	10	0.1	1	3.8	0.5	70	22	4360	18	20	0.1	0	10	0.21	815	0.1	0.001	81	6010	1	20	3	19	0.06	1	1	224	90	66
465423	m,po,c	sen	tr 04	110	1.03	0.2	25	10	0.1	1	4.14	0.5	29	44	536	18	20	0.1	0.01	10	0.24	980	0.1	0.001	26	3200	1	25	3	14	0.07	1	30	234	80	38
465440	m,p,c,	sex	tr 04	110	1.63	0.4	140	10	0.1	1	7.95	0.1	107	86	692	18	20	0.1	0.01	1	0.4	1725	5	0.001	80	4040	1	5	5	12	0.07	1	50	240	40	48
473662	M,po,c,	M,po,c,	tr 04a	110	0.43	0.2	120	1	0.1	1	2.04	0.1	811	5	3120	18	1	0.1	0	20	0.15	330	1	0.001	801	4920	1	1	1	12	0.01	1	1	14	20	84
473536	m,p,	sex	tr 05a	110	1.64	0.1	1	70	0.1	1	3.78	2	36	33	385	18	1	0.1	0.03	1	0.33	1060	0.1	0.001	33	2460	2	1	4	23	0.05	1	20	179	50	68
465489	m,p,01	hf,act,	tr 08	110	1.95	0.1	30	90	0.1	1	3.14	0.1	6	103	630	18	1	0.1	0.19	1	0.54	895	1	0.04	5	780	6	1	7	19	0.09	1	10	253	50	46
465236	m,p,mal	M	hwy24	105	0.84	0.6	70	10	0.1	1	1.14	0.1	74	513	985	18	1	0.1	0	1	0.9	425	17	0.03	259	60	18	1	6	7	0.69	1	1	2180	1	112
465157	p,m	a	tr 02	105	1.01	1	165	20	0.1	8	2.17	0.1	27	34	806	18	1	0.1	0.06	10	0.84	865	6	0.01	36	5020	1	1	4	19	0.07	1	1	265	30	70
465493	m,p,	hf,act,	tr 10	105	2.17	0.1	5	90	0.1	1	4.39	0.1	9	83	261	8.6	1	0.1	0.12	1	0.85	1190	0.1	0.04	7	1850	6	5	7	43	0.09	1	1	170	20	42
473604	p,m,	sen	tr 11a	105	2.52	0.1	10	300	0.1	1	13.9	0.1	8	106	1	7.2	1	0.1	0.12	1	0.61	3230	4	0.01	22	3700	1	1	7	69	0.09	1	1	236	20	50
473623	p,po,m,c,	sex	tr 12	105	2.38	1.8	110	10	0.1	1	3.08	0.5	145	44	4380	18	1	0.1	0	1	1.12	1295	2	0.001	49	1010	1	1	4	83	0.16	1	1	139	1	154
465037	p,	a	flt	100	0.51	1.2	20	50	0.1	1	2.5	0.5	18	55	129	3.4	1	0.1	0.07	1	0.39	1265	6	0.05	10	1010	30	1	5	159	0.001	1	1	27	1	72
465446	m,	sex	tr 04	100	1	0.6	75	30	0.1	1	6.71	0.1	104	87	979	9.43	10	0.1	0.02	1	0.19	1030	4	0.001	117	3160	1	10	3	7	0.06	1	20	75	20	46
473563	M,	sen	tr 05a	100	1.46	0.1	1	60	0.1	1	2.66	1.5	36	51	323	18	1	0.1	0.02	1	0.48	855	0.1	0.001	56	840	16	1	5	20	0.12	1	20	346	50	96
465008	p,12,	arg,bl	flt	95	1.02	0.2	60	140	0.1	1	0.36	0.1	8	116	61	2.81	1	0.1	0.75	1	1	85	3	0.01	56	230	6	1	8	27	0.17	1	1	51	1	38
473702		a	pit, grid,m,	95	4.07	0.1	1	1	0.1	1	3.18	0.1	41	110	20	7.1	1	0.1	0.03	1	3.45	1280	0.1	0.001	49	90	1	1	8	88	0.3	1	1	201	1	92
465055	p,02,	qvl,a	oc	90	0.46	0.1	40	90	0.1	1	4.15	0.1	19	158	78	4.93	1	0.1	0.12	1	1.06	1275	1	0.02	24	1230	6	5	8	260	0.001	1	1	12	1	66
465264	p,07,	d	tr 01	90	2.53	0.1	1	60	0.1	1	3.34	1	43	24	814	13.2	1	0.1	0.13	1	1.13	900	7	0.02	55	1310	4	5	3	36	0.08	1	1	107	110	52
465481	po,p,c	sex	tr 04	90	1.41	0.1	125	10	0.1	1	8.82	0.1	134	93	1280	12.6	1	0.1	0	1	0.28	1815	11	0.001	100	4810	10	5	3	21	0.06	1	1	131	30	48
465500	m,p,c,	s	tr 08	90	2.42	0.1	45	50	0.1	1	8.12	0.1	45	88	723	14.2	1	0.1	0.05	1	0.56	2290	2	0.02	62	1160	2	10	6	11	0.09	1	10	207	40	50
473635	m,po,p,c,	s,m,	tr 12	90	0.97	1.4	1	10	0.1	1	2.66	0.1	82	35	1250	18	1	0.1	0	1	0.23	970	0.1	0.001	58	380	1	1	3	7	0.05	1	1	182	1	124
465016	m,p,c	s,m	flt	85	0.31	0.8	110	50	0.1	1	0.42	0.1	64	9	153	18	10	0.1	0.04	1	0.07	295	18	0.001	7	90	30	1	2	6	0.001	1	1	40	1	80
465190	m,p	M	tr 01	85	1.65	1.2	100	80	0.1	2	8.97	0.1	27	98	453	18	1	0.1	0.05	1	0.39	2110	10	0.01	22	1810	1	1	5	14	0.06	1	1	391	30	52
465065	po,p,c	sex	tr 13	85	2.63	0.6	80	70	0.1	1	10.1	0.1	27	177	277	6.39	1	0.1	0	1	0.23	2630	19	0.01	69	1940	1	1	9	22	0.09	1	1	90	1	62
465380		qv		85	0.15	2.8	1	10	0.1	1	0.05	0.1	3	167	341	0.7	1	1	0.03	1	0.08	155	6	0.01	4	80	230	1	1	3	0.01	1	1	10	1	12
465159	p,	s	tr 02	80	1.6	1.2	190	90	0.1	8	3.23	0.1	97	30	1315	18	1	0.1	0.01	1	1.03	1055	11	0.01	144	3350	1	1	4	26	0.06	1	1	309	50	88
465421	m,po,c	PO	tr 04	80	1.39	2	140	10	0.1	1	6.75	0.5	145	53	4770	15	10	0.1	0	1	0.27	1320	3	0.001	123	7210	1	30	5	16	0.06	1	1	178	60	58
473653	PO,c,	sex	tr 04a	80	0.52	0.2	145	1	0.1	1	1.84	0.1	469	22	4200	18	1	0.1	0	30	0.23	345	1	0.001	435	5780	1	1	2	13	0.02	1	1	125	1	72
473642	p,c,	sen	tr 12	80	1.38	1	115	80	0.1	1	13.1	0.1	50	33	415	7.6	1	0.1	0.34	1	1.83	2760	0.1	0.01	32	1680	10	1	7	292	0.02	1	1	58	10	72
465344	p,c,as,	sen	oc	75	2.59	0.1	2660	10	0.1	1	14.1	0.1	18	82	105	7	1	0.1	0.03	1	0.14	1955	0.1	0.01	21	550	10	15	5	62	0.07	1	10	80	1	18
465035	gouge	shr	oc	75	1.73	0.1	1	10	0.1	1	9.03	0.5	11	69	173	18	1	0.1	0.01	1	0.1	2060	3	0.001	10	990	10	1	6	8	0.05	1	1	270	50	52
473720			PbZn sh?	75	1.54	2.4	535	490	0.1	12	0.46	29.5	24	118	130	4.12	1	4	0.54	10	0.99	15000	0.1	0.001	70	1080	192	5	14	47	0.1	1	1	83	50	5400
465053	p,m	a	pit,old	75	1.8	0.8	5	170	0.1	1	9.66	0.1	33	110	366	18	1	0.1	0.07	1	0.54	2170	3	0.001	16	580	1	1	4	15	0.08	1	1	197	50	54
465199	m,	hf,act	tr 01	75	2.79	0.2	100	150	0.1	1	0.84	0.1	39	22	414	5.89	1	0.1	0.1	10	1.93	890	0.1	0.03	29	1660	6	5	8	122	0.03	10	1	125	20	108
465189	m,p	sen	tr 01	75	1.76	0.8	65	100	0.1	1	10.5	0.1	21	104	424	18	1	0.1	0.04	1	0.23	2340	12	0.01	26	1930	1	1	6	8	0.07	1	1	343	40	44
473582	p,	sex	tr 01a	75	2.01	0.1	25	100	0.1	1	3.21	0.1	8	53	136	15	1	0.1	0.07	1	0.89	805	0.1	0.04	11	4780	1	1	3	42	0.05	1	1	163	1	50
465162	m,po,p,as	s	tr 02	75	1.62	0.8	195	130	0.1	10	2.55	0.1	86	39	984	18	1	0.1	0.06	10	0.94	865	5	0.02	118	3250	1	1	4	57	0.09	1	1	310	50	98
465408	p,	hf,act,	tr 03	75	1.42	0.1	1	10	0.1	1	0.71	0.5	92	47	632	12.4	1	0.1	0.03	1	0.86	415	24	0.03	15	100	10	5	3	9	0.05	1	1	80	30	30
465407	p,	hf,act,	tr 03	75	1.55	0.1	25	10	0.1	1	2.46	1.5	124	122	788	12.3	1	2	0.07	1	0.69	630	9	0.04	10	1880	4	5	6	23	0.1	1	1	200	40	32
465420	M,po,c	M,po,	tr 04	75	0.76	3	155	10	0.1	1	3.45	0.5	1000	29	6250	18	10	0.1	0	20	0.16	515	0.1	0.001	1050	6710	2	20	3	15	0.02	1	20	78	70	90
465479	po,p,c	sex	tr 04	75	0.86	0.1	110	10	0.1	1	2.66	0.1	94	81	775	18	1	0.1	0	1	0.21	725	2	0.01	68	2680	14	1	4	12	0.1	1	20	355	30	62
465424	m,po,c	sex	tr 04	75	1.12	0.1	30	40	0.1	1	4.39	1.5	65	37	1070	18	10	0.1	0	10	0.17	1025	23	0.001	75	2970	1	20	5	34	0.08	1	1	139	80	52
465443	m,p,c,	sex	tr 04	75	2.16	0.1	65	20	0.1	1	8.07	0.5	136	98	839	14.9	10	1	0.03	1	0.54	1650	3	0.001	66	4190	1	5	3	11	0.07	10	20	199	10	50
465036	p,m,c	a	flt	70	2.09	0.1	1	10	0.1	1	9.19	0.1	31	95	1720	18	1	0.1	0	1	0.21	2080	2	0.001	71	3690	10	1	6	14	0.06	1	1	77	10	56
465413	m,05,p,	sen	tr 03	70	1.9	0.1	15	50	0.1	1	9.54	1.5	3	67	440	7.4	1	0.1	0.05	1	0.46	1930	0.1	0.02	5	470	6	5	9	26	0.07	1	1	187	20	40
465299	p,	sex	tr 05	70	2.91	0.1	115	50	0.1	1	4.98	0.5	46	179	251	9.89	1	0.1	0	1	1.7	2090	1	0.01	51	1770	12	10	12	26	0.15	1	1	214	40	70
473626	po,p,m,	sex	tr 12	70	2.63	0.1	1	10	0.1	1	3.87	0.5	28	40	642	5.86	1	0.1	0.01	1	1.9	1270	2	0.01	8	940	1	1	3	84	0.15	1	1	57	1	80
473643	p,c,	sen	tr 12	70	2.35	0.4	20	110	0.1	1	18	0.1	9	98	59	8.4	1	0.1	0.21	1	0.53	3530	0.1	0.01	11	100	1	1	12	181	0.06	1	1	146	10	30
465028	P,27,	qmd	flt	65	2.65	0.2	105	30	0.1	1	0.85	1.5	230	181	389	18	1	0.1	0.13	10	2	395	0.1	0.01	199	740	1	1	6	65	0.29	20	1	80	1	106
465042	P,m	s	flt	65	0.77	3	55	30	0.1	1	2.75	0.1	867	57	1530	18	1	0.1	0.06	1	0.23	815	9	0.001	120	3140	1	1	3	24	0.03	1	1	156	100	86
473716			PbZn sh?	65	0.65	11.2	115	1280	0.1	12	5.19	44.5	18	14	133	14.6	1	10	0.17	30	0.8	15000	3	0.001	22	320	1605	5	7	1095	0.001	1	1	20	100	8380
465272	p,	s	tr 01	65	2.9	0.1	80	30	0.1	1	14.3	0.5	23	55	413	14.9	1	0.1	0.02	1	0.34	2110	0.1	0.001	17	1630	1	10	9	4	0.13	1	1	243	60	32
465268	p,05,go	fault	tr 01	65	2.65	0.1	65	10	0.1	1	13.2	1	72	69	393	12.1	1	0.1	0	1	0.54	2560	0.1	0.001	44	1970	1	5	6	3	0.09	1	1	323	120	38

APPENDIX V - Haida Rocks (Au>25ppb)

SAMPLE	Vis.Min.	Type	Location	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
465034	gouge	shr	oc	295	2.35	0.1	5	330	0.1	1	6.17	0.1	115	61	764	18	1	0.1	0.39	1	0.87	3830	8	0.001	118	1280	70	1	5	79	0.05	1	1	379	50	102
465161	m,po,p	s	tr 02	295	1.04	1	110	130	0.1	10	4.21	0.1	7	35	532	18	1	0.1	0.02	1	0.27	1060	4	0.01	28	2510	1	1	4	17	0.07	1	1	426	60	74
473659	po,m,c,	PO	tr 04a	285	0.42	0.2	1	1	0.1	1	0.64	0.1	826	0.1	6180	18	1	0.1	0	10	0.15	280	0.1	0.001	896	390	1	1	2	2	0.001	1	1	0.1	60	154
465054	p,m	a	pit,old	280	2.59	1.4	20	30	0.5	1	0.75	0.1	121	41	1525	18	1	0.1	0.12	10	1.29	770	4	0.001	30	1580	1	1	3	45	0.1	1	1	66	10	104
465043	p,c	a	tr 67	275	0.85	0.1	15	20	0.1	1	4.01	0.1	51	84	570	18	10	0.1	0.01	1	0.23	835	4	0.01	83	3920	1	1	4	19	0.04	1	1	77	100	70
473607	p,m,	sen	tr 11a	270	2.9	0.4	1	30	0.1	1	18	0.1	5	149	5	9.93	1	0.1	0	1	0.41	2760	0.1	0.001	14	3200	1	1	8	59	0.05	1	1	213	40	40
473537	m,p,	sex	tr 05a	260	1.97	0.1	95	40	0.1	1	3	0.1	34	40	2030	18	1	0.1	0.06	1	0.73	670	3	0.03	42	4400	4	1	4	89	0.06	1	10	172	40	80
465044	m,10,p,10,	a	tr 67	260	2.31	0.1	20	10	0.1	1	10.6	0.1	40	113	1055	18	1	0.1	0	1	0.16	2580	0.1	0.001	78	2360	1	1	6	14	0.05	1	1	54	50	48
473610	p,m,	sen	tr 11a	255	2.25	0.1	5	20	0.1	1	9.33	0.1	8	41	23	4.43	1	0.1	0.03	1	0.7	1720	0.1	0.01	5	990	1	5	3	75	0.13	1	1	46	10	26
473630	PO,m,p,c	PO,m,	tr 12	250	1.34	1.2	85	30	0.1	1	5.29	0.5	220	53	2470	18	1	0.1	0	1	0.25	1180	1	0.001	127	1250	1	1	4	20	0.06	1	1	196	1	92
473576	po,m,c,	s	tr 01a	245	1.65	4	170	60	0.1	1	2.17	0.5	168	48	2660	10.2	1	0.1	0.06	30	0.71	375	1	0.04	219	3580	1	1	2	85	0.05	1	1	49	1	62
473606	p,m,	sen	tr 11a	245	2.87	0.6	1	60	0.1	1	18	0.1	5	161	3	9.21	1	0.1	0	1	0.32	2740	0.1	0.001	16	4680	1	1	8	50	0.05	1	1	221	40	32
465269	p,05,	a	tr 01	240	2.08	0.1	210	110	0.1	1	11.4	0.5	93	58	1585	18	1	0.1	0.04	1	0.41	1945	18	0.001	38	3930	2	10	5	14	0.08	1	1	348	80	38
473628	PO,m,p,c	PO,m,	tr 12	240	0.89	0.8	215	30	0.1	1	1.98	0.1	223	33	582	18	1	0.1	0.03	1	0.31	600	1	0.001	145	680	1	1	3	19	0.04	1	1	55	1	72
465410	p,c,	hf,act,	tr 03	235	1.6	0.4	20	20	0.1	1	1.29	0.1	76	56	1555	10.9	1	0.1	0.1	1	0.84	520	0.1	0.06	13	660	6	5	4	13	0.05	1	1	85	20	40
465021	p,20,c,as	qmd	flt	210	1.78	6.6	70	10	0.1	1	7.63	0.1	20	95	7090	8	1	0.1	0	1	0.51	785	5	0.001	18	1510	20	1	2	19	0.06	1	1	123	1	144
465230	p,02,	qvl, halo	hwy24	210	1.77	0.1	30	150	1	1	4.58	0.1	15	73	30	4.33	1	0.1	0.15	1	1.54	795	3	0.12	16	1120	10	1	10	141	0.13	1	1	107	1	58
473674	m,po,	sex	tr 04a	210	0.74	0.2	30	1	0.1	1	2.47	0.1	28	6	160	18	1	0.1	0	20	0.19	720	0.1	0.001	32	2140	4	1	2	5	0.02	1	1	57	40	74
473675	m,po,	sex	tr 04a	205	0.7	0.2	25	1	0.1	1	1.87	0.1	8	11	89	18	1	0.1	0	20	0.25	635	0.1	0.001	27	1980	1	1	2	6	0.02	1	1	44	30	72
465057		s	tr 13	205	1.6	1	15	120	0.1	1	12.8	0.1	24	112	141	8.8	1	0.1	0.12	1	0.32	2350	0.1	0.001	65	4600	1	1	5	111	0.08	1	1	282	1	26
473670	m,po,	sex	tr 04a	190	0.76	0.2	35	10	0.1	1	2.41	0.1	18	17	471	18	1	0.1	0	20	0.23	590	0.1	0.001	23	2390	1	1	2	6	0.02	1	1	57	20	62
465052	p,m	a	pit,old	185	2.66	0.6	5	70	0.1	1	2.76	0.1	69	82	531	18	1	0.1	0.05	1	1.07	1195	1	0.001	22	1350	1	1	5	43	0.17	1	1	181	10	74
465448	m,	sex	tr 04	180	1	1	10	30	0.1	1	5.6	1	227	75	1270	12.7	10	0.1	0.03	1	0.15	960	0.1	0.001	134	1930	1	10	3	5	0.04	20	40	79	20	64
465011	m,p,c	s	flt	175	0.68	1.6	1	1	0.1	1	4.03	0.5	219	22	1360	18	10	0.1	0	1	0.1	415	8	0.001	56	550	12	1	1	2	0.01	1	1	32	10	64
465017	p,40,	sen	flt	165	1.29	1	80	20	0.1	1	8.81	0.1	62	57	2300	18	10	0.1	0.02	1	0.19	1230	6	0.001	29	950	6	1	3	1	0.05	1	1	88	40	66
465280	m,p,c,	hf,act	tr 03	155	1.22	1	50	70	0.1	1	1.78	0.1	63	141	1725	10.5	1	0.1	0.03	10	0.74	465	82	0.02	14	2080	1	5	5	10	0.05	1	1	90	10	38
465444	m,po,	sex	tr 04	155	1.18	0.6	180	20	0.1	1	7.68	0.1	164	75	1325	12.4	10	0.1	0.04	1	0.24	1620	4	0.001	122	4060	1	10	3	11	0.05	40	40	145	10	48
473504	m,p,c,	sen	tr 08	155	2.14	0.1	230	20	0.1	1	8.46	0.1	209	74	1845	18	1	0.1	0.01	1	0.4	2160	0.1	0.01	309	3560	4	10	8	11	0.1	1	1	206	50	64
465447	po,m,p,	sex	tr 04	150	1.39	0.2	60	20	0.1	1	6.64	0.1	79	76	1100	10.6	10	0.1	0.03	1	0.33	1300	0.1	0.001	90	2610	1	10	3	6	0.05	40	50	114	1	60
473673	m,po,	sex	tr 04a	150	0.62	0.2	35	20	0.1	1	2.76	0.1	62	9	1295	18	1	0.1	0.02	20	0.15	715	0.1	0.001	76	4010	20	1	1	8	0.02	1	1	45	20	78
465321	P,80,mag	Mass sulf	tuff,chty	150	0.23	4.2	135	10	0.1	1	0.07	1	177	56	830	18	1	0.1	0	1	0.04	225	9	0.001	79	1	1	1	1	2	0.001	1	1	26	1	1285
465289	m,p,c,	hf,act	tr 03	145	2.45	3.4	1	100	0.1	1	1.11	1.5	69	52	4330	13.2	1	0.1	0.03	1	1.38	880	71	0.01	7	120	4	5	4	16	0.04	1	1	64	30	76
473680	m,po,	sex	tr 04a	145	0.98	0.2	40	20	0.1	1	4.02	0.1	26	13	72	13.1	1	0.1	0	30	0.36	705	5	0.001	43	3900	1	5	2	16	0.02	1	1	70	20	38
473648	m,po,	sex	tr 04a	145	1.03	0.2	100	1	0.1	1	4.08	0.1	11	40	22	18	1	0.1	0	30	0.28	965	0.1	0.001	14	4030	1	1	2	9	0.02	1	1	39	1	106
465426	m,po,c,p,	sex	tr 04	140	1.7	0.1	50	10	0.1	1	7.69	0.1	40	51	400	13.6	10	0.1	0	1	0.52	1560	1	0.001	55	1540	8	30	5	9	0.08	1	1	105	40	36
473665	m,po,c,	sex	tr 04a	140	0.95	0.2	20	1	0.1	1	3.17	0.1	18	20	194	18	1	0.1	0	30	0.27	870	0.1	0.001	17	2370	1	1	2	5	0.02	1	1	52	10	86
473627	PO,m,p,c	PO,m,	tr 12	140	0.61	1	135	1	0.1	1	1.38	0.1	202	26	1210	18	1	0.1	0	10	0.19	550	3	0.001	197	1070	1	1	2	8	0.02	1	1	58	1	68
465247		shr	shr	135	2.33	18.4	40	420	0.5	1	6.01	120	16	80	197	13.5	10	0.1	0.8	1	1.41	15000	0.1	0.01	24	860	3920	10	6	468	0.07	1	50	57	1	15000
465276	m,p,c,	hf,act	tr 03	135	1.93	0.6	20	20	0.1	1	1.66	1	79	114	1760	12.5	1	0.1	0.03	1	1.23	655	182	0.03	15	980	1	10	5	11	0.08	1	1	100	10	48
465201	PO,c	Mass sulfde	adit,Lkvw	130	1.03	4.4	360	20	0.1	1	4.43	0.1	200	72	4250	18	10	0.1	0.01	1	0.1	1200	13	0.001	110	1010	90	1	5	17	0.05	1	1	268	1	204
465281	m,p,c,	hf,act	tr 03	130	1.75	1.6	1	50	0.1	1	1.06	0.5	50	65	2560	10.1	1	0.1	0.05	1	1.26	595	69	0.03	10	210	1	5	5	11	0.08	1	1	74	10	52
465275	m,p,c,	hf,act	tr 03	130	2.39	0.1	25	20	0.1	1	2.39	0.5	78	105	1005	14.5	1	0.1	0.05	1	1.3	665	3	0.04	9	6680	2	10	4	16	0.06	1	1	92	40	46
473534	m,p,	sex	tr 05a	130	1.86	0.1	1	20	0.1	1	0.76	1.5	207	63	1175	18	1	0.1	0.03	1	1.18	395	4	0.05	295	1190	1	1	5	26	0.17	1	10	95	20	82
473508	m,p,c,	sen	tr 08	130	1.01	0.1	185	1	0.1	1	3.59	0.1	202	46	1550	18	1	0.1	0.02	1	0.35	855	2	0.02	208	5440	2	1	4	13	0.07	1	10	238	50	58
473609	p,m,	sen	tr 11a	130	2.6	0.1	1	50	0.1	1	8.42	0.1	9	47	39	5.6	1	0.1	0.03	1	0.79	2300	0.1	0.01	11	1360	1	1	4	73	0.14	1	1	53	20	40
465151	p,	bx	tr 02	125	1.9	1.4	305	20	0.1	1	8.51	0.1	210	44	2590	18	1	0.1	0.01	1	1.44	1805	5	0.01	130	790	1	1	6	29	0.09	1	1	266	40	82
465406	p,	hf,act,	tr 03	125	1.88	0.1	35	10	0.1	1	1.5	0.1	66	89	627	11.7	1	0.1	0.07	1	1.06	560	30	0.07	10	550	6	5	6	23	0.08	1	1	134	30	36
473625	po,p,m,	sex	tr 12	125	1.08	1.8	65	10	0.1	1	2.07	0.1	156	31	3350	18	1	0.1	0	1	0.36	745	2	0.001	137	1010	1	1	3	35	0.06	1	1	76	1	132
465226	p,10,po,as	a,dy	hwy24	120	3.54	3.2	1350	120	0.5	1	0.64	2	19	36	307	8.3	1	0.1	0.12	1	2.64	1535	4	0.03	10	1460	10	1	3	37	0.08	1	1	87	1	162
465200	m,	hf,act	tr 01	120	2.95	3.4	50	200	0.5	1	1.08	0.1	31	17	3280	9.58	1	0.1	0.21	20	1.58	885	30	0.02	32	920	4	10	6	133	0.1	10	1	89	50	116
473663	m,po,c,	M,po,c,	tr 04a	120	0.77	0.2	110	1	0.1	1	5.44	0.1	97	31	3040	8.3	1	0.1	0	30	0.18	800	0.1	0.001	94	4870	20	1	2	13	0.02	1	1	57	20	58
473509	m,p,c,	sen	tr 08	120	1.4	0.1	180	40	0.1	1	10.1	0.1	82	66	768	18	1	0.1	0.01	1	0.25	1765	0.1	0.001	110	3340	8	5	5	10	0.05	1	10	184	1	44
465020	p,12,	qmd	flt	115	0.69	1.6	100	1	0.1	1	0.6	0.1	174	69	2780	12.1	1	0.1	0	1	1.12	165	23	0.02	82	280	12	1	1	10	0.05	1	1	18	1	76
473646	m,po,	sex	tr 04a	115	1	0.2	85	1	0.1	1	4.64	0.1	7	47	21	2.98	1	4	0	30	0.22	860	1	0.001	1	4090	1	1	2	8	0.02	1	1	66	50	20
473612	M,	M,	tr 12,fis.vn	115	0.65	1.8	75	20	0.1	1	1.3	0.1	249	28	739	18	1	0.1	0	1	0.44	330	2	0.001	110	640	1	1	2	11	0.03	1	1	47	1	58

APPENDIX V - Haida Rocks (Au>25ppb)

SAMPLE	Vis.Min.	Type	Location	Au ppb	Al %	Ag	As	Ba	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sc	Sr	Ti %	Tl	U	V	W	Zn
465245	p,po,cov,sp,ga	bx,d	pit	15000	1.25	80	505	170	0.5	4	4.41	80	20	19	120	13	1	0.1	0.27	1	0.41	15000	2	0.01	19	210	15000	45	4	504	0.01	1	80	11	1	15000
473664	m,po,c,	sex	tr 04a	15000	0.64	0.2	70	1	0.1	1	2.83	0.1	26	21	208	11.6	10	0.1	0	30	0.16	575	0.1	0.001	33	4440	1	1	1	9	0.02	1	1	32	10	34
465418	m,50,po,	sen	tr 04	10000	1.92	1.4	240	10	0.1	8	7.25	0.1	25	105	78	18	10	0.1	0	1	0.23	1745	0.1	0.001	44	4310	1	1	6	10	0.06	1	1	78	60	102
465001	p,mal	qv	flt	9760	0.04	110	120	110	0.1	1	1.85	1	0.1	106	928	3.19	1	0.1	0	1	0.28	755	1430	0.01	6	30	276	35	2	193	0.001	1	1	135	10	54
465102	p,sp,h,ga,	d	pit,PbZn sh,	5320	1.4	88.6	105	60	0.1	22	3.46	91.5	12	30	190	18	1	0.1	0.21	1	0.48	15000	9	0.03	19	440	15000	40	4	275	0.01	1	1	3	20	15000
465106	m,p,c	a	adit?,'LkwS'	3990	1.48	14.4	65	180	0.1	1	2.85	0.5	31	66	15000	10.8	1	0.1	0.08	1	0.48	465	72	0.01	44	4800	22	1	2	179	0.03	1	1	112	1	198
473647	m,po,	sex	tr 04a	2580	0.72	0.2	75	10	0.1	1	2.93	0.1	4	38	9	18	1	0.1	0	30	0.16	645	1	0.001	13	3710	1	1	2	11	0.02	1	1	33	1	56
465243	p,m	bx,d	pit	2570	2.84	10	15000	340	1	20	0.65	58	88	52	69	18	1	0.1	1.31	10	0.89	15000	2	0.03	77	220	1275	140	5	211	0.06	1	50	44	1	2220
465039	po,50,m,20,c	PO	oc	2040	0.58	0.1	1	50	0.1	1	3.35	0.1	96	15	1100	18	10	0.1	0.12	1	0.43	610	3	0.001	26	570	1	1	3	91	0.01	1	1	54	50	82
465060	ls,	ls	tr 13	1910	2.8	0.6	1	160	0.1	1	14.4	0.5	16	127	32	8.9	1	0.1	0.26	1	0.57	3000	2	0.001	16	3210	1	1	8	79	0.09	1	1	311	1	40
473657	m,po,c,	sex	tr 04a	1880	0.64	0.2	45	1	0.1	1	1.77	0.1	16	6	52	18	1	0.1	0	20	0.2	825	1	0.001	18	1990	1	1	1	7	0.01	1	1	21	40	100
465010	m,10,p,c	a	flt	1350	1.37	0.1	140	70	0.1	1	1.58	0.1	15	62	219	10.6	1	0.1	0.07	1	0.9	455	3	0.03	39	3790	6	1	0.1	29	0.03	1	1	33	1	54
465040	p,m,c	PO	oc	1310	1.69	0.1	1	10	0.1	1	7.36	0.5	88	81	15000	18	1	0.1	0	1	0.16	1305	2	0.001	21	1550	1	1	5	16	0.05	1	1	189	100	108
473651	po,m,c,	sex	tr 04a	1140	0.86	0.2	65	1	0.1	1	1.87	0.1	15	28	226	18	1	0.1	0	30	0.4	540	0.1	0.001	44	4180	1	1	2	11	0.01	1	1	39	1	66
473621	p,po,m,c,	sex	tr 12	1090	1.61	0.6	160	70	0.1	1	7.54	0.1	215	70	1390	18	1	0.1	0	1	0.2	1535	0.1	0.001	92	2410	1	1	4	16	0.06	1	1	255	1	84
465403	m,p,	s,m	tr 05	950	1.83	0.1	15000	60	0.1	1	1.57	0.1	228	52	981	18	1	0.1	0.07	1	0.86	860	13	0.01	82	440	6	45	5	19	0.05	1	1	204	70	98
465274	m,p,c,	hf,act	tr 03	810	2.2	6.8	20	20	0.1	1	1.54	1	61	88	7340	11.1	1	0.1	0.04	1	1.44	655	87	0.03	8	1340	1	5	5	9	0.07	1	1	81	10	110
465244	p,po,as,tet	bx,d	pit	800	2.24	6	15000	280	1	1	4.45	21	64	47	57	12.9	1	0.1	1.04	1	0.7	15000	1	0.03	68	270	934	115	4	499	0.04	1	50	29	1	2010
465101	po,p,sp,ga	d	pit,PbZn sh,	770	0.86	34.6	425	150	0.1	12	5.29	62	15	19	103	11.3	1	0.1	0.15	1	0.4	15000	5	0.01	11	290	9650	25	3	672	0.001	1	1	0.1	20	15000
465061		a	tr 13	720	1.84	0.4	6370	70	0.1	1	7.75	0.5	76	118	204	5.71	1	0.1	0	1	0.16	2110	32	0.001	48	2560	1	1	5	29	0.08	1	1	56	1	44
465104	p,	cht	oc	710	0.42	0.1	80	70	0.1	1	7.71	0.5	15	64	70	6.01	1	0.1	0.17	1	1.58	2750	2	0.04	9	290	104	1	11	335	0.001	1	1	8	1	166
473668	m,po,c,	sex	tr 04a	695	0.58	0.2	5	1	0.1	1	1.25	0.1	11	6	73	18	1	0.1	0	20	0.31	515	0.1	0.001	23	2070	1	1	1	7	0.01	1	1	21	40	90
465062	po,p,c	sex	tr 13	685	1.11	0.4	145	50	0.1	1	2.1	8	18	73	393	5.7	10	0.1	0.05	10	0.44	955	15	0.03	82	1610	24	1	4	76	0.26	1	1	57	1	1330
465291	m,c,Px,	a	tr 03	620	2	0.1	90	40	0.1	1	3.2	0.1	31	44	597	7.7	1	1	0.09	1	1.35	740	23	0.01	16	1880	10	10	3	44	0.11	1	1	60	20	60
473658	m,po,c,	sex	tr 04a	600	0.6	0.2	50	10	0.1	1	2.03	0.1	21	14	357	18	1	0.1	0	30	0.23	650	0.1	0.001	26	3240	1	1	1	10	0.02	1	1	30	20	86
465271	p,	s	tr 01	570	1.86	0.1	225	50	0.1	1	9.45	0.1	17	48	588	18	1	0.1	0.07	1	0.18	1255	0.1	0.001	14	2640	1	15	6	9	0.14	10	1	271	100	28
473661	m,po,c,	M,po,c,	tr 04a	555	0.5	0.2	155	1	0.1	1	2.98	0.1	178	21	1710	13.3	1	0.1	0	40	0.18	395	1	0.001	203	7610	2	1	1	16	0.01	1	1	37	20	64
465064	po,p,c	sex	tr 13	545	2.23	0.8	2090	60	0.1	1	5.98	0.5	66	107	344	5.59	10	0.1	0.05	1	0.45	1825	59	0.01	49	1460	1	1	6	54	0.12	1	1	67	1	78
473652	po,m,c,	sex	tr 04a	505	0.62	0.2	110	1	0.1	1	2.91	0.1	360	30	3240	18	1	0.1	0	40	0.22	440	1	0.001	393	7500	1	1	2	17	0.01	1	1	37	1	76
473671	m,po,	sex	tr 04a	495	0.59	0.2	40	1	0.1	1	1.41	0.1	27	5	275	18	1	0.1	0	20	0.24	415	0.1	0.001	39	2370	1	1	1	8	0.01	1	1	34	30	72
465340	AS,40,p,10,	AS,a	flt	480	1.94	0.1	15000	50	0.1	1	3.93	0.1	255	176	68	13.9	1	0.1	0.17	1	0.97	520	2	0.15	68	15000	1	95	5	30	0.03	1	10	146	1	50
465419	m,po,c	sen	tr 04	480	1.06	0.8	1	10	0.1	1	3.97	1	16	54	15	18	20	0.1	0	10	0.26	1040	0.1	0.001	41	3030	1	20	3	9	0.04	1	1	61	80	78
473605	p,m,	bx	tr 11a	480	2.83	0.4	1	70	0.1	1	18	0.5	6	126	8	7.6	1	0.1	0	1	0.35	2950	0.1	0.001	22	5850	1	1	8	53	0.07	1	1	164	30	46
473620	p,po,m,c,	sex	tr 12	455	1.64	1	40	70	0.1	1	9.38	0.1	134	47	3100	18	1	0.1	0	1	0.16	1425	0.1	0.001	48	1190	1	1	3	6	0.03	1	1	162	1	84
473608	p,m,	sen	tr 11a	440	2.66	0.4	1	70	0.1	1	18	0.1	9	136	18	8	1	0.1	0	1	0.84	2370	0.1	0.001	17	6190	1	5	7	98	0.07	1	1	141	30	50
465273	p,	d,hb	tr 03	435	2.25	2.2	25	10	0.1	1	1.68	0.1	68	97	3330	12.6	1	0.1	0.03	1	1.43	720	41	0.04	12	640	1	15	6	10	0.08	1	1	103	10	66
473676	m,po,	sex	tr 04a	435	1	0.2	20	10	0.1	1	3.56	0.1	18	23	53	18	1	0.1	0	30	0.22	975	0.1	0.001	26	1740	1	1	2	7	0.03	1	1	50	50	72
465007	p,20,	a	flt	410	0.8	1.2	125	110	0.1	1	0.56	0.1	25	57	253	14.4	1	0.1	0.18	1	0.45	1435	37	0.01	13	290	14	1	2	48	0.11	1	1	45	10	38
473629	PO,m,p,c	PO,m,	tr 12	385	1.01	1	25	90	0.1	1	3.13	0.1	83	38	969	18	1	0.1	0.02	1	0.26	1205	0.1	0.001	65	1090	1	1	3	15	0.04	1	1	147	1	114
465160	m,po,p,as	s	tr 02	380	0.68	1.2	65	60	0.1	10	1.07	0.1	13	18	446	18	1	0.1	0.01	10	0.31	465	6	0.01	36	1180	1	1	3	14	0.07	1	1	425	30	74
465278	m,p,c,	hf,act	tr 03	380	2.54	0.4	80	50	0.1	1	1.63	0.5	91	115	1910	18	1	0.1	0.05	1	1.47	715	41	0.03	13	730	16	10	6	17	0.08	1	1	134	50	54
465029	p,	qvl,a	flt	370	0.3	0.1	1	180	0.1	1	2.56	0.1	8	60	30	2.3	1	0.1	0.14	1	0.16	895	0.1	0.07	7	460	2	1	2	184	0.001	1	1	11	1	54
473649	m,po,	sex	tr 04a	360	0.83	0.2	60	1	0.1	1	2.46	0.1	11	24	28	18	1	0.1	0	30	0.34	660	2	0.001	20	2540	1	1	2	7	0.02	1	1	36	1	88
465254	p,07,l	s,m	tr 01	350	1.91	0.1	10	140	0.1	1	1.42	0.5	12	32	261	9.47	1	0.1	0.12	30	1.04	415	17	0.02	17	1100	1	10	2	122	0.06	1	1	107	50	50
465267	p,05,	a	tr 01	350	2.32	0.1	40	90	0.1	1	11.8	0.1	26	77	157	10.1	1	0.1	0.04	1	0.89	1765	0.1	0.01	45	1560	1	5	5	25	0.07	1	1	243	90	36
473631	po,m,p,	sex	tr 12	345	1.84	1	80	50	0.1	1	10.2	0.1	207	75	1210	18	1	0.1	0	1	0.17	2080	0.1	0.001	82	2320	1	1	4	8	0.05	1	1	342	1	54
465246	p,sp	bx,d	pit	330	1.39	4.2	455	280	0.5	1	5.83	7	20	61	53	18	10	0.1	0.57	1	1.17	15000	2	0.02	20	150	834	10	8	977	0.04	1	80	28	1	2050
473532	m,p,	sex	tr 05a	330	1.64	0.4	110	70	0.1	1	4.3	0.5	18	27	5760	14.6	1	0.1	0.04	1	0.35	710	3	0.01	21	6820	1	5	3	65	0.06	1	1	73	50	66
465103	p,sp,h	d	pit,PbZn sh,	325	2.07	32	15000	120	0.1	124	3.45	65	39	50	74	18	1	0.1	0.53	1	1.14	15000	8	0.01	45	270	3840	125	8	287	0.04	1	1	26	1	5920
473579	po,m,c,	sex	tr 01a	315	1.92	0.8	1	10	0.1	1	9.35	0.1	16	112	207	10.4	1	0.1	0	1	0.52	1940	37	0.01	15	1470	1	1	4	11	0.06	1	1	178	1	28
465330	p,m,	shr	goss	305	0.82	2.4	50	10	0.1	1	0.84	0.5	17	55	694	18	1	0.1	0.08	1	0.16	615	14	0.01	6	200	1	15	3	6	0.05	20	10	31	1	102
473550	po,c,	a	tr 05a	305	1.36	0.1	20	10	0.1	1	3.75	0.1	14	51	20	3.65	1	0.1	0	1	0.5	860	1	0.01	20	980	1	1	4	41	0.07	1	1	85	1	50
465335	p,	d	grid,e	300	1.59	0.6	1	60	0.1	1	3.01	0.5	11	248	92	3.96	1	0.1	0.92	1	1.7	975	4	0.04	18	740	18	5	14	74	0.15	1	1	193	1	56
465432	p,c,	sex	tr 04	300	1.73	0.2	55	10	0.1	1	7.49	1	108	93	871	10.5	10	0.1	0	1	0.44	1450	0.1	0.001	112	4010	1	25	5	8	0.05	1	1	119	30	32
473624	po,p,m,	sex	tr 12	300	1.46	1.4	90	10	0.1	1	2.72	0.1	83	35	2800	18	1	0.1	0	1	0.51	1025	3	0.001	120	1000	1	1	3	30	0.07	1	1	121	1	118

PROJECT: HAIDA - VITAL PACIFIC RESOURCES LTD. Appendix VI NTS: 92P/9

COORDINATES:	0W / 3+75S	INCLINATION: -45° BEARING: 180°T	TOTAL DEPTH 152.10 m

STARTED:	16 Oct 88		HOLE NO.
FINISHED:	21 Oct 88	DESCRIPTIVE GEOLOGY	88-12
LOGGED BY:	J.B. Richards		

Metres	
0 - 3.65	Overburden.
3.65 - 9.84	Med-fine grained fragmental, pale buff to med brown and green mottled. Skarn steadily increasing 3.65-9.84. Brown with garnet, green, diopside. Fragmental is ash tuffaceous with minor clust and lapilli bands, and rework seds. Bedding irregular, some cross bedding, 0.5% diss sulphides.
9.84 - 36.3	Mineral zone, massive mag and po replacing beds. Rock generally finer grained, green, occasional bx filled with mag/po rare large frag. in finer seds. Chpy in finer disseminations and often rimming po, usually fracture controlled. Skarn dimminished from about 20 m, but strongly hornfelsed and very hard. Slightly limey (core fizzes with 10% HCl). Hornfelsed fragmental as above. Bedded 70-30° to CA. Buff to dark grey. Little garnet or diopside, epidote. Pale buff porphyroblasts give rock a more granular look. Mag and po as replacement and bx filling. Minor py and chpy in fractures in mg, po and rock. Uniform salt and pepper texture in grey, green and black grains makes strongly hornfelsed fragmental look intrusive.
36.3 - 36.7	Hornfelsed fine grained fragmental, fine ash/sand size. Generally buff coloured with occasional dark to black mottling. Little skarn development, or magnetite. Occasional irregular masses of po odd veinlets. Garnet and diopside in patches.
46.0 - 52.2	Medium grey-greenish with 10-20% brown patches of garnet in patches and pseudo veinlets. Some hornfelsed fragmental.
52.2 - 55.0	Andesite porphyry flow. 20-30% 1x2 mm white (Fx?) phenos in med grey aphanitic groundmass. 3-5% f.gr. diss py tr. po.
55.0 - 55.6	Med and pale grey mottled. Vague suggestion of bx texture. Andesite breccia fine grained frag. in patches - taken to be ash tuff between bx frags.

Metres	
55.6 - 55.78	Calcite-chlorite filled shear, prehornfelsing.
55.78 - 60.93	Andesite bx as 55.0 - 55.6, py on fractures.
60.93 - 61.57	Dk. green to black breccia v. angular frags 80% frags. Calcite, epidote and diopside in matrix. Py, po and chpy in veinlets in bx frags. mag in patches.
61.57 - 67.0	Andesitic bx tuff with ash matrix. Moderate skarn development, epidote diopside and garnet, patchy mag. Dark green with brown patches, slightly limey.
67.0 - 78.94	Breccia, polylithic, various volc. frags, angular to rounded. Mod. skarn as above. Mixture of tuffs and flows?
@ 76.59	Strong skarn w. mag, po and chpy dk green and black.
@ 78.8 - 79.0	Slight bleaching and clay altn.
79.0 - 86.0	Same polylithic bx tuff but light clay altn. Garnet still evident, but other skarn min. bleached out.
	All of broken material below has some degree of clay altn related to fracturing.
86.0 - 86.75	Porphyritic andesite, approx 20% 1-2 mm fxphenos, white in med grey matrix, 3-5% v. fine diss. py and chpy.
86.75 - 87.6	Interflow bx.
87.6 - 89.4	Andesite, as 86.0 - 86.75.
89.4 - 89.6	Fault bx, druzzy qtz in matrix, some mag frags.
89.6 - 92.0	Interflow bx and tuff mod. garnet skarn.
92.0 - 94.7	Med-fine grained xtal tuff.
94.7 - 97.6	Mixed volcanics, bx to dust tuffs. Patchy skarn, mostly garnet. Numerous faults of numerous ages make cemented and uncemented bx.
97.6 - 97.9	Andesite porph 10% phenos, grey green, no sulphide.
97.9 - 98.2	Interflow bx.

Metres	
98.2 - 100.0	Andesite flow as above - no sulphides.
100.0 - 117.1	Mixed volcanics, breccia to dust tuff. Patchy skarn, generally diminishing with depth. Dk grey to black.
117.1 - 117.63	Qtz vein, milky white in centre, druzzy, 10 cm either edge contaminated.
117.6 - 122.8	Mixed volcanics as 100-117.1, skarn very light. Light to mod. clay altn, slightly limey.
122.8 - 152.1	Med-fine grained ash tuff, med grey, massive bedding. Weak clay altn, over hornfelsing, little or no skarn, 1-5% diss, sulphides, virtually all py. Moderate to strong fracturing, py on fractures.
133.0 - 139.0	Mod to strong silicified (or cherty).
138.0	Med grey is bleached to pale grey 1 cm each side of old fractures with py and chlorite.
141.0 - 148.0	Silicified as 133-139. Ash tuff as above. Largely silicified (est 80% + SiO_2).

END OF HOLE 152.1 m

PROJECT: HAIDA - VITAL PACIFIC RESOURCES LTD.

COORDINATES:	**2W / 3+75S**	**INCLINATION:** -45°	**TOTAL DEPTH**	
		BEARING: 180°T	**147.8 m**	

STARTED:	**24 Oct 88**		**HOLE NO.**
FINISHED:	**29 Oct 88**	**DESCRIPTIVE GEOLOGY**	**88-14**
LOGGED BY:	**CJW/JBR**		

Metres	
0 - 4.5	Dk. grey-green fine grained fragmental, hornblende. 2% diss. v.f.gr. pyr, gossan on fractures.
4.5 - 5.3	Salt and pepper textured xtal tuff. Very much like diorite in 88-13 but some round frags suggested tuff. Matrix fine grained chloritic, not mafic phenos as in diorite, some brown skarn.
5.3 - 12.0	Skarnified fragment, brown and green, clay alt'd light-moderate depending on fracture intensity. Rock is limey, plus calcite veinlets.
12.0 - 13.0	Fragmental coarsening to small lapilli size. Not clear if it is primary or tectonic, fragments buff to brown, matrix green.
13.0 - 14.3	Magnetite skarn, 20% mag replacing beds and in network of veins, rock dk. green with diopside. Slightly limey.
14.3 - 26.9	Buff-grey green mottled skarn. Original fabric largely destroyed but probably fine grained fragmental.
@ 20.4 - 21.7	Prehornfels, post skarn fault breccia of above fragmental.
26.9 - 33.0	Spotted porphyry, 15% black, 6-12 mm phenos. Probably pyroxene in groundmass of 20% 1x6 mm fx phenos in grey groundmass. Under 10x, groundmass is porphyritic as well, 1x .6mm laths in dark aphanitic ground. Large phenos occasionally enclose laths of fx.. 2-3% med-fine gr. py in patches.
33.0 - 34.0	Skarn volcanics as above. Fault rubble.
34.0 - 37.8	Skarn volcanics, buff-grey green mottled.
37.8 - 42.5	Breccia of skarn volcanics and fault rubble. Breccia is probably tectonic.
42.5 - 43.5	Polylithic vol. bx. cemented with calcite fault bx.

Metres	
43.5 - 44.7	**Banded garnet-epid-diop skarn incl rip up clast bx adjacent to and on both sides of a grey-green f.gr. unit from 44.0 - 44.5 which is probably an andesite flow.**
44.7 - 45.9	F.gr. cherty diopside hnfls tr pyr.
45.9 - 47.3	Mottled garnet epid skarn.
47.3 - 50.3	Coarse px-plag porphy as at 26.9m, partly brecciated with chlorite-calcite-clay altn, carries schlieren of pink garnet but not skarned itself. Px are chloritized, plag fresh.
50.3 - 71.5	Mottled diopside - garnet hnfls becoming more epidote rich downwards. Actinolite sections 55.1 - 55.4, 63.8 - 64.1, 69.6 - 69.7, minor py in fracts and tr dissem total 0.5%, patchy chlorite-epid retrograde, ghost composition banding at 35° CA.
@ 71.5	Pale diop f.gr. hnfls with streaks of pink garnet at 30° CA has ghost plag phenos.
71.5 - 73.1	Dk. grn. actinolitic hnfls - probably andesite tuff, patchy epidote altn, calcite net veined, patchy pyr aggregates 3%, tr cpy.
73.1 - 75.0	Mottled garn-epid-diop hnfls.
75.0 - 80.8	Banded actinolite hnfls from f.gr. muddy andesitic tuffs minor thin interbeds of mottled epidote hnfls, some strong chloritic retrograde, patchy epidote, calcite veinlets, v.minor f.gr. diopside hnfls, banding at 45° - 50° CA, diss py at .5%.
80.8 - 81.3	Dk. grn mottled skarn with irreg aggregates of f.gr. po partly replacing coarse mafic phenos, dissem py asso late calcite ± chlorite retrograde tr cpy?
81.3 - 83.3	Mottled epid-diop and epid-actin hnfls.
83.3 - 83.5	Magnetite - po - actinolite skarn. Mag 10%, Po 2%.
83.5 - 83.7	F.gr. diopside hnfls.
83.7 - 84.8	Mottled epidote hnfls.
@ 84.3	20 cm healed bx w 5% pyrite cubes
@ 85.8	10 cm 8% diss po, py w tr cpy.

84.8 - 86.8	**Healed coarse fragmental(?) some ghost plag phenos, partly cherty.**
86.8 - 88.8	**Background grey-green chert or v.v.f.gr. diop hnfls dusted with 5-10% diss pyr tr po, minor patches of actinolith hnfls.**
88.8 - 92.7	Mottle epid-garnet and epid-diop and/or actinolite hnfls top is healed bx (flow top?) base banded at 45° CA, top 20 cm 5% po aggregates.
92.7 - 104.5	Grey chert to cherty sltst 7% diss pyr and also as irreg wispy veinlets. Top part of unit 2-4 cm bands of siltstone with v. rare cherty and tuffaceous laminations - all moderately hornfelsed. Pyrite 3-5% incl some fracture pyrite.
104.5 - 117.0	Grey f.gr. tuffaceous siltst similar to above but with rare apparent ghost plag phenos or xstal lapilli(?), weak pyritic crackle bx + mod pyr dissem approx 5%, sooty looking chloritic fracts do <u>not</u> have graphite.
117.0 - 120.0	Dk. grey argillaceous cherty sltst hnfls 7-8% diss pyr broken core.
@ 120.6	Calcite-qz-pyr fault bx 10 cm.
120.0 - 126.0	Siliceous grey crackle bx - possibly chert
@ 123.0	10 cm f.gr. xstal tuff <u>w</u> plag xstals leading to coarse lithic bx 30 cm that looks like a fault bx.
@ 125.0	10 cm calcite qz vn at 50° CA.
126.0 - 130.0	Massive pyritic unbanded tuffaceous sltstn or possibly a silty xtal tuff 5% f.gr. diss pyr locally up to 8%.
130.0 - 135.2	Pyritic chert grey 3% diss pyr, some silty sections.
135.2 - 137.2	F.gr. andesitic tuff/sltst(?), minor diss pyr approx 1%.
137.2 - 139.0	Pyritic grey chert, 5% pyr, weak banding at 45° CA.
139.0 - 139.5	Grey tuffaceous banded sltstn tr pyr.
139.5 - 140.5	Grey andesitic flow(?), mafic phenos 3 mm totally chloritized and pyritized, rare relict plag phenos, f.gr. andesitic groundmass, total 4% diss pyr.
140.5 - 146.0	Cherty weakly banded tuffaceous sltstn with more chert towards base.

Metres	
@145.7	Lost 60 cm of core.
@143	10 cm chert frag fault bx.
146.0 - 147.8	EOH crackle bx pyritic lapilli xstal andesite tuff w chert
	END OF HOLE 147.8 m