GEOLOGICAL AND GEOCHEMICAL REPORT

DAWN CLAIM

OMINECA MINING DIVISION

BRITISH COLUMBIA

LOCATION: 279 KM NORTH OF SMITHERS, B.C.

LATITUDE: 57°14'N, LONGITUDE: 126°57'W

N.T.S.: 94E/2E

OWNER/OPERATOR: NEWMONT EXPLORATION OF CANADA LIMITED

WORK DONE: AUGUST 14-20, SEPTEMBER 14

BY: D. A. VISAGIE, BSC. & T. HANEL, BSC.
December 14, 1984
Vancouver, British Columbia

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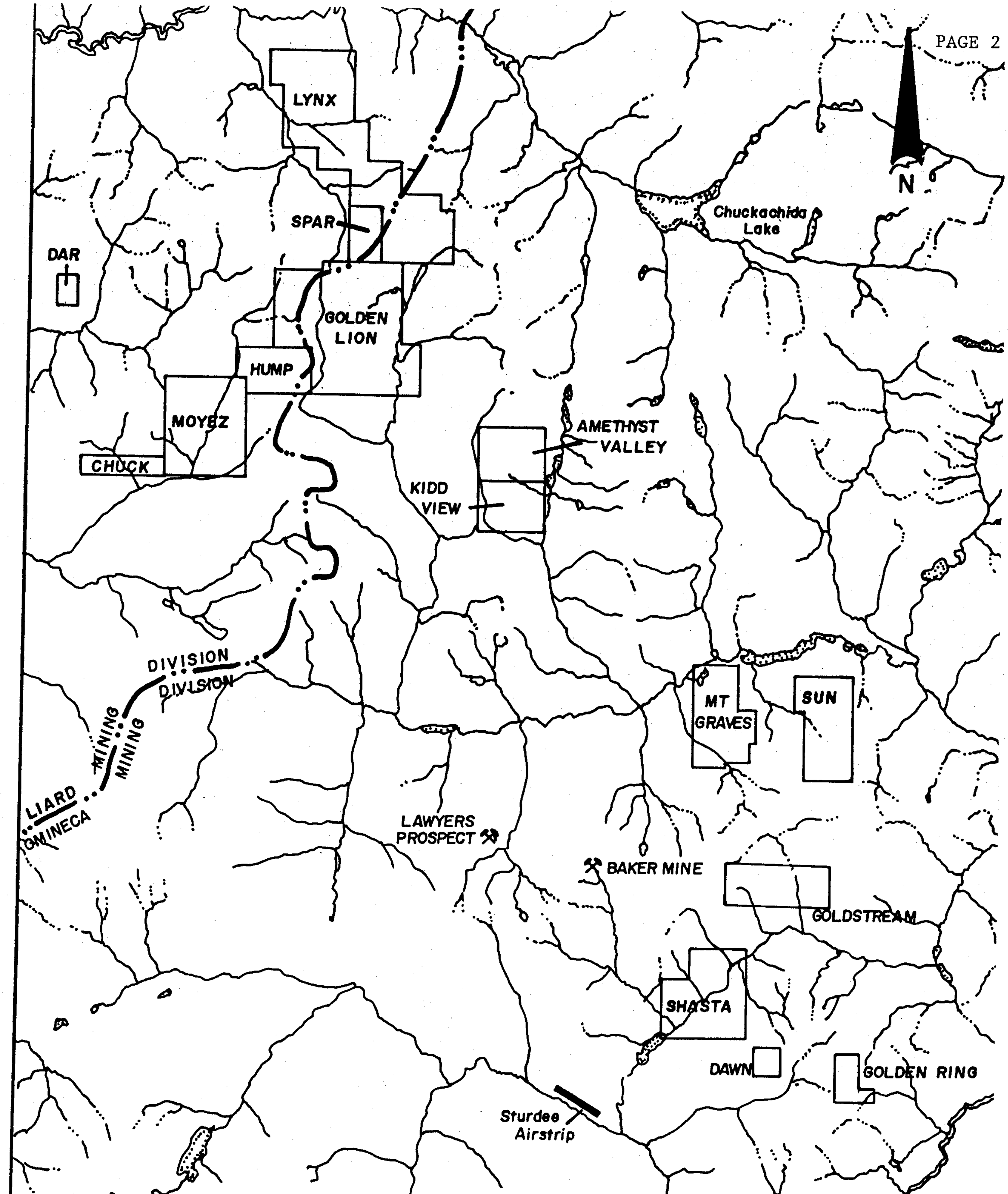
1.0 INTRODUCTION

The Dawn property is located in the Toodoggone area approximately 275 km north of Smithers, B.C. It is centered 4.5 km south-west of the confluence of Black Lake and Jock Creek. Access is by charter aircraft for 273 km from Smithers to the Sturdee airstrip then a further 5 km to the north east by helicopter to the property (Figure 1).

Prior to Newmont acquiring the ground the property was held under the name Itch by Serem who allowed the claims to lapse in 1983. The results of their work program are not known. On the basis of favourable geology Newmont staked the property in September 1983 but due to the lateness of the field season no work was completed.

In 1984 Newmont personnel completed a detailed examination of the property consisting of geological mapping, soil and rock chip sampling. To date a total of 270 soil, 94 rock chips and 16 soil samples from 5 soil pits have been taken. In addition a gridded area covering approximately 50 hectares was mapped at a scale of 1:1,000. The grid, established for sample and mapping control totalled 7.0 km in length.

Geologic mapping done on the gridded area has shown Lower to Middle Jurassic Toodoggone Volcanics to be flanked to the east by Triassic Takla Group rocks and to the west by the Lower to Middle Jurassic Hazelton Group rocks. Zones of silicification, gossan development and quartz-veining are found within the Toodoggone and Takla rocks. In addition minor sulphide bearing, quartz carbonate veining are found within the Hazelton and Takla Group rocks. The veins are up to 1 m wide and contain variable amounts of galena, sphalerite, chalcopyrite and pyrite. The silicified gossan zones contain up to 5% disseminated pyrite.



NEWMONT EXPLORATION OF CANADA LTD.		
CLAIM INDEX MAP - TOODOGGONE SURVEY		
SCALE 1:250000	LOCATION NTS 94E	DATE SEPT 84
SURVEY BY	DRAWN BY	NO. 1

Soil sample results show a 500 x 550 m area, in which several gold geochem anomalies exist, to be centered over a mapped zone of brecciated Toodoggone Volcanics.

The work program was carried out on the Dawn claim which has record number 5795 and record date September 15.

All work was completed by Newmont personnel on the dates as shown below:

C. Kowall - Prospector	August 14-20
T. Hanel - Geologist	August 14-20
	September 14
I. Casidy - Geol. Technician	September 14
M. Baknes - Jr. Geological Assistant	August 14-17
S. Pattenden - Jr. Geological Assistant	August 18-20
R. Cranswick - Jr. Geological Assistant	August 18-20

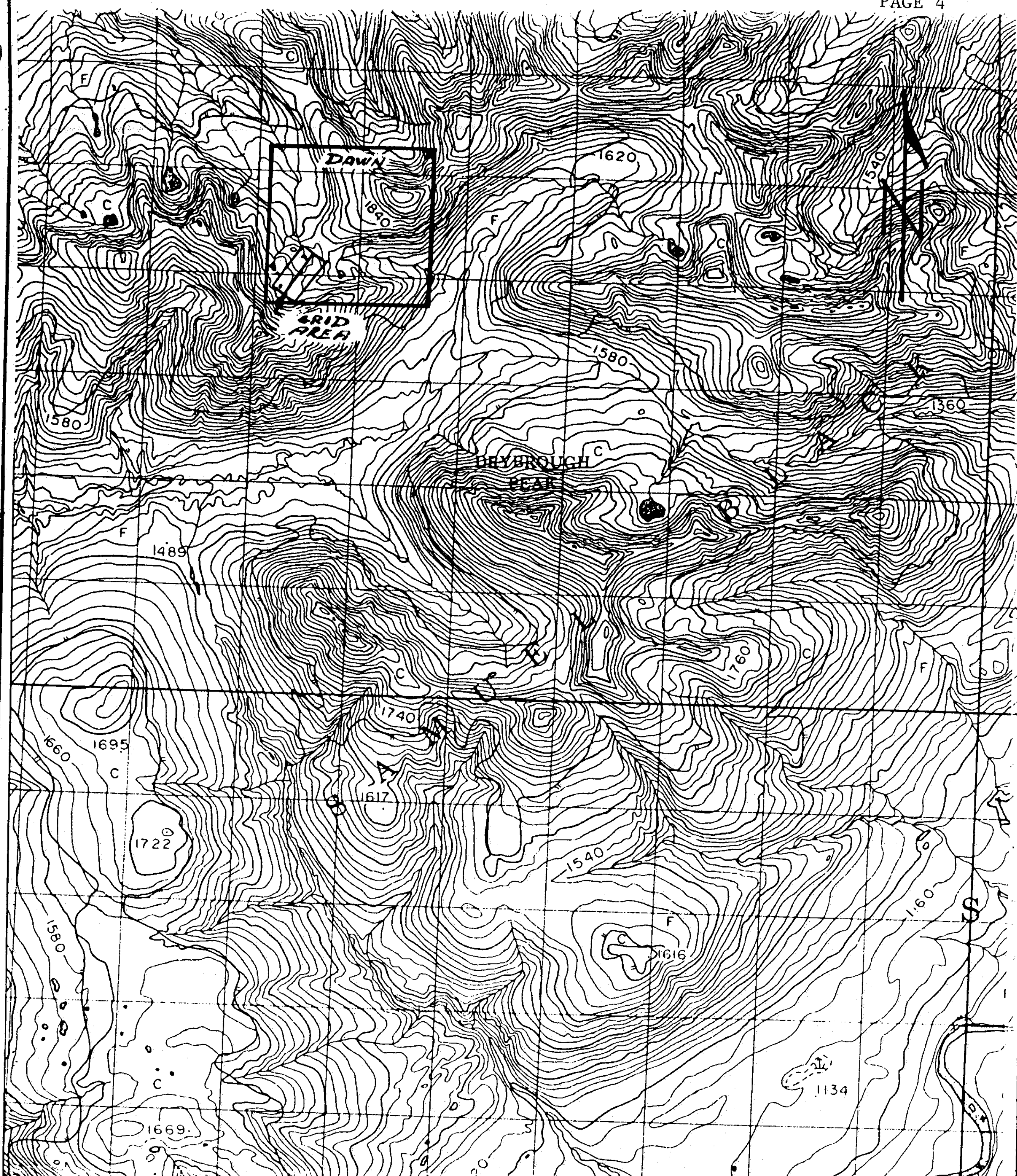
2. PHYSIOGRAPHY (Figure 2)

The Dawn claim occurs within the Samuel Black Range within the Omineca Mountains. The property is in general at or above the tree-line with elevations ranging from 1500 to 1950 m. Glacial features consisting of cirques and tarns are commonly developed. The gridded area lies partially within a cirque with cliffs and steep sided mountains occurring to the west, south, east and northeast.

3.0 GEOLOGY (Figure 3)

i. Lithology

For geological and geochemical control a grid was established in the selected area of interest. The grid was established in an area above tree-line using a chain and compass.



SCALE

0 1 2 km

NEWMONT EXPLORATION OF CANADA LTD.

TOODOGGONE SURVEY

DAWN CLAIMS-LOCATION MAP

SCALE	LOCATION	DATE
1:50000	94 E 2E	DEC. 3, 1984
SURVEY BY D.V.	DRAWN BY I.C.	NO. 2

All distances were corrected for distance using a clinometer and chain. The grid consists of a 950 m baseline, bearing 040°, with cross-lines established at 50 m and stations at 25 m. All stations are marked by a picket. The cross-lines vary in length from 200-575 m.

Outcrop on the property varies from drift-covered valleys to felsenmeer-covered slopes with up to 50% outcrop to rock slopes with blocky talus. Approximately 35% of the gridded area is covered by outcrop and felsenmeer.

According to G.S.C. geologists (Gabrielse et al 1975) the Dawn property is located in a 3.5 x 5 km block of Toodoggone Volcanics that is flanked by intrusive and Takla Group Rocks. Detailed geological mapping conducted at a scale of 1;1000 on the gridded area shows that three major rock groups occur in the area. These are from grid north to south. The Triassic Takla Group, the Middle-Lower Jurassic Toodoggone Volcanics the Middle-Lower Jurassic Hazelton Group rocks and then the Takla Group. Each of these major units is considered to be in fault contact with the adjacent unit. Age correlations of individual rock units within each major unit are not possible to determine within the area mapped. A total of eight different rock types were mapped on the grid. The following are general descriptions of the rock types.

A. TAKLA GROUP

1. Pyroxene Porphyritic Andesite

The unit contains 15-25% dark green, 2-4 mm pyroxene crystals set in a lighter but still dark green fine grained matrix. Crystals are generally squat or equant in habit and are squarish in outline. Only a minor amount of crystals exhibit an elongate prismatic form. The unit appears to be composed of both flows and auto-breccia flows. In outcrop both are massive. Weathered talus slope boulders of the auto breccia show irregular 2-10 cm angular fragments to be set in a matrix of the same. The clasts can exhibit a colour difference from the matrix (more epidote alteration) but do not weather in relief. The pyroxene andesites forms cliff faces along the cirque located in the southern part of the grid.

2. Pyroxene-Feldspar Porphyritic Andesite

This unit occurs as subcrop and outcrop in the northern portion of the grid. The matrix is fine grained, dark green and contains 5-7%, 2-3 mm long lath shaped white feldspar phenocrysts and 3-7%, 1-2 mm long squat shaped black pyroxene crystals. This unit has been faulted and silicified (2a) in the vicinity of a gossanous gully located at 2+25S along the base-line. The silicified rock is fine grained and light green on a fresh surface. No remnant texture is present. The matrix contains 1-3% very finely disseminated pyrite. Narrow, 3 mm thick quartz stringers cut the rock. In some cases small patches of minute drusy quartz crystals occur. In places the unit weathers white due to a high content of white quartz which appears to have pervasively penetrated sections of the outcrop.

3. Volcanic Breccia

Appears to form a lens-like bed 70 m thick within Unit 2. The rock is dull grey and consist of 60-80% sub-angular-sub round 1-9 cm clasts set in a fine grained matrix. The clasts do not weather in relief indicating a matrix of equal resistance and therefore similar composition.

4. **Lithic tuff**

This rock type has been located in one spot in the vicinity of the gossanous gulley mentioned in unit 2. It is dull green and has 10-20% lapilli content with the lapillis consisting of squarish angular clasts less than 3 cm in size.

B. **HAZELTON GROUP**

5. **Arkosic Sandstone-Laminated Siltstone Sequence**

This unit exists as a fairly extensive band of outcrop in the southern portion of the grid. It is characterized by its pale green to whitish weathered surface. The siltstone occurs within the sandstone generally as a minor component the exception being an approximately 40 m wide horizon 5a which is almost entirely laminated siltstone. On the fresh-surface the sandstone is dark green and consists of 50-70%, 0.5 mm, feldspar grains. The grains are rounded to tabular in outline. Occasionally the unit has 10-15% minute mafic grains and 1-2%, 0.5-1.5 cm angular mafic clasts.
The siltstone is also pale green in colour and is thin to thickly laminated. Laminae are distinguished by slight colour variations. Narrow beds of conglomerate are occasionally present within the sandstone-siltstone sequence.

6. **Lahar**

The unit is dull grey green with round to angular 1 cm-15 cm clasts comprising 70-80% of the rock. The matrix is fine grained. The unit is conformable with unit 5 and is found as small knobs that protrude through the talus cover in the cirque bowl in the southern region of the map area. The clasts of the unit weather out in relief.

C. TOODOGGONE VOLCANIC

7. Volcanic Breccia

This is the most extensive unit in the gridded area forming a 430 m wide band extending across the base-line in the center of the property. It exists as a series of low knobs and hills which protrude out of the felsenmeer cover. Approximately 50% of the unit appears as outcrop or subcrop. The rock is grey purple to reddish purple and contains 70-80% angular to subround clasts in a dense fine grained matrix. Clasts generally range from 0.5 to 20 cm but can be as large as 1.0 m across. The unit is andesitic in composition. No evidence of bedding was discovered in this unit. No preferential weathering of clasts or matrix were noted. The unit generally weathers to grey and typically weathering obscures all features.
Numerous gossanous zones (7a) occur within the unit with the majority of them consisting of weakly gossanous talus on the sides of hills. White quartz vein float is associated with several of the gossans, as is silicification and pyritization. Silicification is patchy and ranges from partial to complete. Pyrite within the gossan ranges from 1-5% and is found as disseminations.

8. Lahar

This unit is purple to reddish purple, and has a fine grained muddy matrix that contains 70-80%, 1-60 cm subround-subangular clasts.

ii. Structure and Mineralization

The Hazelton rocks generally strike at Az 230° and dip moderately to the north-west. These rocks rest unconformably on the Toodoggone rocks.

Rocks in the gridded area have been faulted along a major trend of 130°-140°: Normal faults occurring along this trend have positioned Hazelton rocks against Toodoggone rocks and Toodoggone against Takla. Takla Group rocks are considered to have been thrust onto Hazelton sediments along the same general trend.

If the joint plane measured in the gossanous gully of unit 2a can be taken as being indicative of the fault plane then all of the 3 faults separating the 3 main rock groups dip towards the southwest. The attitude of the thrust fault has been determined by using the attitude of a major quartz vein which occurs along the fault plane and by the attitude of shear zones.

Normal faults parallel to the main trend are considered to transect the Toodoggone Volcanics. Along line 3+00S a fault gully exists along which the talus is different on either side of the depression. Grey breccia talus occurs on the southern side while red-purple lahar talus occurs on the northern side.

A secondary fault trend of 050-060° is thought to cut across the Toodoggone volcanics in the vicinity of the eastward flowing creek and the two small lakes. This establishes an orthogonal pattern of faulting which with parallel jointing and faulting would explain the hill and gully terrain that exists in the gridded area.

Veins of white quartz-quartz carbonate occur in the various units present. From mapping it can be observed that there are at least three preferred orientations 080-100°, 005°-026° and 135°-165°. All three dip to the south moderate to steeply. In general the veins of the first two preferred orientations are less than 5 cm thick and have limited surface exposed length (5 m). They are generally barren and represent single stage fillings of white medium-coarse grained quartz. One exception is a 1 m wide quartz-carbonate vein trending 0.5° located at 650S, 120E (labelled zone 7). Here the vein contains minor (1% combined) amounts of disseminated galena and malachite. The third preferred orientation are related to a series of veins located in the vicinity of the thrust fault that separates Hazelton and Takla Group rock. At 10+00S, 0+50E a 5 m thick zone of quartz-carbonate veining exists along the plane of the thrust fault. At the base of this zone where it contacts the Hazelton Group rocks a 1-2 m thick white to grey white quartz vein that is exposed for 43 m occurs. Within this vein variable amounts of galena, sphalerite, malachite chalcopyrite and pyrite are observed with galena being the predominant sulphide. The sulphides can total up to 25% over 1 m. Rock chip samples were collected from both zones 6 and 7 to be analyzed.

Mineralized grey quartz boulders were located in talus centered at 8+00S, 1+75E. These boulders are very similar to the quartz vein in zone 7 and are assumed to represent a continuation of the vein. Another vein of significance is located at 9+00S at 0+75W. Here the vein measures 1.0-1.5 m across and can be traced for 60 m along strike. While no mineralization was detected it should be noted that the vein is amethystine in appearance in several places.

The only other mineralized areas are related to the gossans themselves. Within the gossans disseminated pyrite constituting 1-5% of the rock is the only sulphide present. A total of 5 zones (1-5 or figure 3) were chip sampled.

4.0 GEOCHEMISTRY (Figures 4,5 & 6)

i. Field Procedure

All lines from 0S to 750S were soil sampled. In addition the east half of line 850S was also sampled. Although the grid continues past line 850S it was not sampled due to the lack of soil in the area. Soil samples were taken from the B horizon at the established stations along the line (25 m intervals) using a mattock and trowel and stored and dried in Kraft paper bags. Overburden on the property is shallow, generally less than a metre in thickness with a moderate to well developed "B" horizon occurring between 10-20 cm. The overlying A horizon is characteristically dark grey-black with the B horizon varying from light to dark brown. The soil ranges in size from clay to sand with the clay fraction being most common.

A total of five soil profiles were taken from areas that had anomalous gold in soil concentrations. The purpose of the soil profiles was to determine whether the anomalous zones are local in character or are transported. The soil profiles were dug using a mattock. Samples were taken from various depths within the profiles generally at 10, 25 and 50 cm using a trowel stored in Kraft paper bags and dried.

Rock chip samples were taken from silicified gossanous areas (Zones 1-5) and from quartz-quartz carbonate veins (zones 6 and 7) using a hammer and moil. A 5 kg sample was taken from outcrop generally at one or two metre intervals stored in plastic bags and sent to base camp to be crushed to approximately -6 mesh and then split to 1 kg using a Jones Riffler.

ii. Laboratory Procedure

All soil samples were sent to Acme Laboratories, 852 East Hastings Street, Vancouver, B.C. to be analyzed using the 30 element Inductively Coupled Plasma (I.C.P.) method with gold being determined separately by Atomic Absorption.

The rock chip samples were sent to either Acme Laboratories or Chemex Laboratories, 212 Brooksbank, North Vancouver to be analyzed. All rock chip samples sent to Acme were analyzed using the 30 element I.C.P. method whereas the samples sent to Chemex were analyzed for copper, lead, zinc, silver and gold by fire assay or atomic absorption or combination of both.

Preparation for the soil samples consisted of drying the sample at 60°C, sieving to -35 mesh, then puliverizing . For the 30 element I.C.P. analysis, a 0.5 gram sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric acid to water at 90°C for 1 hour, then diluted to 10 mls with demineralized water and analyzed. It should be noted that the leach for Ba, P, Mg, Al, Ti, La, Na, K, W and Ca is only partial. For gold determination a 10.0 gram sample that has been ignited overnight at 600°C is digested with hot dilute aqua regia and the clear solution obtained is extracted with Methyl Isobutyl Ketone (MIBK). The gold is then determined in the MIBK extract by Atomic Absorption using a background correction.

The rock chip samples sent to Acme Labs. were pulverized to -100 mesh and then analyzed using the same I.C.P. method as outlined for soils.

For rock chip samples sent to Chemex Labs. the samples are crushed, dried and pulverized to -100 mesh. To determine the in rock copper and zinc geochemistry a 1.00 gram portion of the sample is weighed into a calibrated test tube and then digested for two hours using hot 70% HC104 and concentrated HNO3. Subsequently the sample volume adjusted to 25 mls using demineralized water. Sample solutions are then homogenized and allowed to settle being analyzed by atomic absorption using a Techtron A.A.5 unit whose detection limit for copper and zinc is 1 ppm. For gold values in rock geochemistry a Fire-Assay-Atomic Absorption combination method of analysis is used. In this process a 10 gram sample is fused in a litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO3 and then treated with aqua regia. The salts are dissolved in dilute HCL and analyzed for Au on an atomic absorption spectrophotometer to a detection limit of 5 ppb.

For silver and lead assay the 1 kg crushed sample is crushed is a secondary cone crusher, reduced to a 200-400 gram sample using a Jones Riffler then dried. The dried material is pulverized to pass a 100 mesh screen then rolled to homogenize it. Silver analysis is done by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which if present are assayed separately and calculated into the results obtained from the pulp assay. For lead a two gram sample is digested in a hot perchloric-nitric acid mixture for two hours, cooled, then transferred into a 250 ml volumetric flask. Aluminum chloride is added as an ionization suppresant for Mo. The solutions are then analyzed on an atomic absorption instrument.

5.0 RESULTS AND INTERPRETATION

The results of the 30 element I.C.P. analysis for soil and rock chip samples were scanned for anomalous values. For the soil samples only gold, strontium, barite, arsenic, figure 4, and copper, lead, zinc and silver, figure 5, were plotted with detailed contouring of only the gold and silver results being completed. In addition limited amounts of contouring were completed on the other plotted elements with the exception of barite, to denote anomalous soil conditions. Barite was not contoured as the I.C.P. results represented only a partial leach. The contour limits for the elements to detect anomalous areas as shown below were selected on the basis of a visual scan of the data and comparing it with other areas in the Toodoggone.

Element	Contour
Gold	25, 50, 100, 200, 400 ppb
Silver	1, 3, 6, 12, ppm
Copper	50 ppm
Lead	75 ppm
Zinc	106 ppm
Strontium	50 ppm
Arsenic	50 ppm

From the Acme analyzed rock chip samples only gold and silver were plotted whereas all the results of the Chemex analyzed rock chips were plotted. The plotted results of the rock chips are found on figure 3.

The results of all the 30 element I.C.P. analysis for both soil and rock chip samples are listed in Appendix 1 with the sample sites plotted on figure 6.

Soil sample results for gold showed a 500 m x 550 m area, that is centered over the Toodoggone volcanic breccia unit, to contain several anomalous zones as defined by the 25 ppb Au contour. The zones, in general, trend perpendicular to the overall geologic strike. Within the zones, soil values range up to 2260 ppb Au with several sample sites having in excess of 200 ppb Au. Results from the soil profile pits showed, in general, gold content to increase with depth with the most significant increase being from 240 ppb Au at 10 cm to 3220 ppb at 50 cm.

Results for silver in soil outlined, using the 1 ppm Ag contour, several erratic anomalous zones. The zones tend to consist of one or two sample sit anomalies with no continuous well defined zones being outlined. The highest silver in soil anomaly is 22.4 ppm with no other values exceeding 7.5 ppm Ag. There does not appear to be any direct correlation between gold and silver anomalies with silver anomalies occurring in areas of both low and high gold values. Soil profile results for silver generally increase with depth although the increase is not as significant for silver as for gold with the best increase being from 0.4 ppm to 0.9 ppm over 40 cm

Using the 50 ppm Cu and 100 ppm Zn contour outlined partially co-inciding soil anomalous zones which lie peripheral to the gold anomalous zone. Copper values within the zones range upto 228 ppm with most values being being less than 80 ppm. Within the zinc anomalies values range up to 1223 ppm with the majority of samples being less than 125 ppm. Using the 75 ppm Pb contour showed four singular erratic sample sites to be lead anomalous with the highest value being 534 ppm. Almost all values for lead are less than 50 ppb. Using the 50 ppb strontium contour to denote anomalous conditions outlined a weak 100 m x 25 m northeast trending zone that is located in the southern section of the grid in which values range up to 109 ppm. Elsewhere on the property only minor erratic strontium anomalies occur, generally peripherial to the gold anomaly. In general, the 50 ppm arsenic contour outlined minor spot anomalies, the one exception being a small 50 x 50 m zone located in the north central portion of the grid. Values within this zone range from 65 to 202 ppm. Soil profile results for these elements generally follow the same pattern as for gold and silver.

Selected results of the 30 element I.C.P. analysis for rock chip samples of the silicified/gossan zones are summarized in Table 1.

The results of the sample vein material, zones 6 and 7 are summarized in Table 2.

From the rock chip results it is apparent that the gossanous/silicified zones within the Toodoggone and Takla group volcanics tend to be base metal poor with total Cu, Pb, Zn generally being less than 0.1%. Although in zone 2 the best silver gold values occur with the highest Pb, Zn, Cu values in the zone this is not always so. In zone 1 the highest gold values on the property occur with samples that contain less than 100 ppm combined Cu, Pb, Zn. Also it is obvious that anomalous silver values do not necessarily correspond with high gold values as evidenced in both rock and soil sample results. In addition it is evident that not all silicified/gossan zones are mineralized as seen in zones 3 and 5. From the vein samples it is observed that even though the vein is base metal anomalous and in some instances highly anomalous only limited amounts of precious metal are contained. The best 1 metre section assayed 13.80% Pb, 710,000 ppm Zn, 710,000 Cu but only 3.70 oz Ag/T and 180 ppb Au.

A comparison of both soil and rock chip results to the underlying geology outlines the probable causes of the anomalous zones. The anomalous gold and silver values that occur in both soil and rock chip samples are probably caused by variably mineralized zone(s) that occur within the Toodoggone Volcanics. It is noted that the main portion of the gold in soil anomaly is centered over a breccia unit. Within the breccia unit an area of cross cutting faulting occurs providing a favourable pathway for migrating hydrothermal solutions to pass through. These solutions would create, under the right conditions silicified

TABLE 1 SUMMARY OF ROCK CHIP RESULTS FROM THE SILICIFIED ZONES

ZONE	HOST description	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sr ppm
1	Takla andesite w goss/sil. alt 1-3%	5-1670	0.5-3.3	3-47	4-50	12-81	2-118	2-70
2	Toodoggone brx goss/sil	100-795	3.6-81.3	8-25	19-369	23-280	33-92	6-14
3	Toodoggone brx 1-3% pyr	5-35	0.7-4.7	3-8	9-24	26-57	2-8	4-10
4	Toodoggone brx 1-5% pyr	5-320	0.8-1.5	13-100	9-63	31-75	9-42	37-93
5	Toodoggone brx 1-5% pyr	5	0.1-0.5	7-11	9-19	38-93	2-11	7-34

TABLE 2 SUMMARY OF ROCK CHIP RESULTS FROM THE VEIN MATERIAL

ZONE	HOST	Au ppb Range	Ag (oz/t) Range	Cu ppm Range	Pb% Range	Zn ppm Range
6	Takla Volc. 1.0 m qtz-carb vein	50-180	0.30-3.70	420>10,000	0.16-13.80	1850->10,000
7	Takla Volc. erratic qtz-carb vein	10-25	0.08-0.22	1850-4000	0.25-0.32	2500-3800

zones which may or may not be mineralized. The shape of both the silicified zones and the resulting gold geochem on soil anomaly may result from cross cutting of faults. This would produce an off-setting of the anomaly and create at the same time the hill and gully terrane that is peculiar to the breccia zone rocks located in the centre of the grid. It should be noted that a large portion of the anomaly does not appear to directly correspond with the silicified/gossan zones and in some cases appears to bare no relationship at all. In zone 3 rock chip values ranged up to 795 ppb Au and 81.3 ppb Ag however the soil results for gold and silver in this area are negative.

The gold in soil centered and the gold mineralization detected in rock chips in zone 1 are probably related to migrating solution which are thought to have passed along the fault about which this zone is centered. The solutions in this area were probably slightly different compositionally, containing more arsenic as evidenced by the arsenic values encountered in rock chip samples and the enveloping soil arsenic anomaly. The peripheral nature of the copper and zinc anomalies may be due to metal zonation however this is thought unlikely. A more probable cause is the fact that Takla rocks which locally overly Toodoggone rocks and form the walls of the cirque have been shown to contain quartz veins containing copper, lead, and zinc. A leaching of these veins and subsequent deposition in the soil could produce these zones. The lack of any lead zones is probably due to the lack of mobility of the lead in the veins. The strontium anomaly located in the southern part of the grid is probably related to the quartz-carbonate veining in the area. Within the carbonate the strontium ion probably has replaced the clacium ion. Subsequent geochemical process have resulted in the formation of the strontium anomalies in close proximity to these veins.

6.0 CONCLUSIONS

It is concluded that:

i. A 550 x 500 m area of anomalous gold in soil geochemistry that is open to the west is related to a zone of brecciated Toodoggone rocks which has been variably silicified and has occasional gossan development. Rock chip results show the breccia unit to contain up to 795 ppb Au and 81.3 ppm Ag over 1 meter.

ii. A gossanous silicified zone located within Takla Group volcanic is gold anomalous as evidenced by rock chip values which range up to 1670 ppb Au. Silver in rock values in this zone are negligible, generally less than 3 ppm.

7.0 RECOMMENDATIONS

It is recommended that:

i. The grid be expanded grid west over the area of Toodoggone volcanics to try and detect further anomalous zones and that this area be mapped in detail.

ii. Systematic rock chipping of outcrops be completed in areas of soil anomalous gold and silver.

8.0 REFERENCES

GABRIELSE H.,: Toodoggone River Map-Area, Open File 306, Geological Survey of Canada, 1975.

STATEMENT OF QUALIFICATIONS

I, David A. Visagie, do hereby certify that:

1. I am a geologist presently employed by Newmont Exploration of Canada Limited.

2. I am a graduate of the University of British Columbia, 1976 with a Bachelor of Science in Geology, and since then have been steadily employed in mining exploration.

3. I supervised the mapping and geochemical sampling described in this report.

David A. Visagie

I, Terrence N. Macauley, do hereby certify that the work described in this report was done under my direction.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. N. MACAULEY

T. N. Macauley, P.Eng.

STATMENT OF COSTS

1.0 PERSONNEL

i.	Geologist	August 14-20, Sept 14	8 days @ $110 = $ 880
ii.	Prospector	August 14-20,	7 days @ $125 = $1000
iii.	Geological Tech.	Sept 14	1 day @ $100 = $ 100
iv.	Jr. Geol. Assist.	August 14-17	4 days @ $ 80 = $ 320
v.	Jr. Geol. Assist.	August 14-17	4 days @ $ 80 = $ 320
vi.	Jr. Geol. Assist.	August 18-20	3 days @ $ 75 = $ 225
vii.	Jr. Geol. Assist.	August 18-20	3 days @ $ 67 = $ 201

TOTAL 30 man-days $ 2,921.00

2.0 MOBILIZATIONN AND DEMOBILZATION*

Movement of crew, camp supplies etc to base camp and return to
Vancouver 30 man-days x $27.99 $ 839.70

3.0 TRANSPORTATION

Movement of crew and supplies to fly camp and return
2.0 hours Hughes 500D @ $500/hr $ 1,000.00

4.0 FOOD*

30 man-days @ $16.75/man day $ 502.75

5.0 EXPEDITING*

30 man-days @ $4.13/man-day $ 123.90

6.0 AIRCRAFT CHARTER*

Supply trips
30 man-days @ $9.44/man-day $ 283.20

7.0 CAMP COSTS*

Includes fuel propane etc
30 man-days @ $11.73 man-day $ 351.90

8.0 ASSAY COSTS

286 soil samples analyzed by 30 element ICP analyses @ $11.85/sample
= $3,389.10

84 rock chip samples analyzed by 30 element ICP analyses @ $14.25/sample
= $1,197.00

10 rock chip assayed Pb, Ag geochem Au, Cu, Zn @ $22.40/sample
= $ 224.00

TOTAL $ 4,810.10

9.0 REPORT PREPARATION

Includes drafting, report writing, reporductor and supervisory time $ 2,000.00

TOTAL $12,832.55

* Pro-rated over the life of a project conducted in the area at the same time of which this program was part of.

NEWMONT PROJECT # 315 FILE # 84-2338

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76532	2	130	51	91	1.2	53	26	3799	5.57	65	5	ND	2	35	1	2	2	115	1.28	.26	18	122	1.56	109	.04	5	2.78	.01	.04	2	5
76533	1	113	12	80	.7	54	13	645	4.79	17	5	ND	2	27	1	2	2	111	.74	.10	9	121	1.76	67	.07	6	2.30	.01	.03	2	5
76534	1	58	10	76	.5	42	11	878	4.19	21	5	ND	2	31	1	2	2	87	.96	.22	9	84	1.51	131	.03	4	2.48	.01	.03	2	5
76535	1	80	11	113	.4	45	13	638	4.53	18	5	ND	2	25	1	2	2	96	.62	.12	11	88	1.59	109	.06	6	2.67	.01	.03	2	15
76536	1	30	11	57	.4	16	7	680	4.04	48	5	ND	2	12	1	2	2	84	.16	.13	7	48	.62	78	.02	5	1.96	.01	.04	2	120
76537	1	51	9	88	.6	74	16	757	5.57	15	5	ND	2	16	1	2	2	142	.15	.08	6	132	2.08	75	.11	6	2.88	.01	.03	2	5
76538	5	42	30	79	1.0	43	20	2106	5.87	75	5	ND	2	8	1	2	2	65	.17	.12	10	54	1.44	120	.04	4	2.43	.01	.07	2	35
76539	15	67	42	110	7.3	235	44	2375	9.69	292	5	ND	2	11	1	8	2	123	.26	.14	18	413	2.88	145	.05	2	3.25	.01	.05	2	110
76540	4	33	24	84	2.4	24	14	1437	7.06	185	5	ND	2	8	1	2	2	57	.09	.20	12	39	1.08	76	.02	3	2.02	.01	.05	2	15
76541	1	21	17	86	.2	11	9	881	5.04	127	5	ND	2	9	1	2	2	49	.15	.13	6	24	.90	86	.01	4	1.91	.01	.07	2	5
76542	1	11	10	71	.1	5	5	818	2.83	7	5	ND	2	13	1	2	2	41	.12	.23	8	15	.52	133	.01	5	2.18	.01	.05	2	5
76543	2	51	15	138	.1	38	12	828	4.78	17	5	ND	2	16	1	2	2	106	.11	.11	11	66	1.30	110	.07	5	2.91	.01	.06	3	5
76544	1	60	14	147	.1	47	15	898	5.78	18	5	ND	2	13	1	2	2	132	.12	.09	11	97	1.74	93	.10	6	3.19	.01	.05	2	15
76545	4	36	24	76	.6	11	14	1692	6.42	9	5	ND	2	18	1	2	2	41	.27	.12	14	22	.86	123	.03	3	1.55	.01	.07	2	115
76546	1	30	14	96	.1	38	12	1539	4.71	19	5	ND	2	31	1	2	2	79	.47	.20	12	69	1.46	208	.03	4	2.22	.01	.04	2	35
76547	1	12	15	43	.1	5	4	1783	1.96	3	5	ND	2	26	1	2	2	38	.30	.29	9	14	.16	255	.01	4	1.29	.01	.06	2	5
76548	1	32	12	74	.1	45	11	666	4.29	7	5	ND	2	18	1	2	2	82	.20	.09	9	69	1.56	107	.03	5	2.28	.01	.04	2	20
76549	1	91	13	42	3.7	10	4	829	2.82	6	7	ND	2	135	1	2	2	49	1.49	.42	99	26	.45	619	.02	7	2.97	.01	.05	2	5
76550	1	34	10	47	.8	11	5	936	2.28	2	5	ND	2	104	1	2	2	42	1.47	.36	29	16	.53	553	.01	5	1.93	.01	.05	2	5
76551	1	13	12	69	.1	13	7	748	2.89	5	5	ND	2	24	1	2	2	54	.46	.14	16	21	.78	141	.01	4	1.57	.01	.07	2	5
76552	1	11	8	58	.1	7	5	375	2.67	7	5	ND	2	9	1	2	2	52	.09	.10	10	20	.52	124	.01	5	1.48	.01	.07	2	5
76553	1	31	10	72	.1	6	7	1202	2.95	3	5	ND	2	11	1	2	2	53	.15	.18	8	14	.62	190	.01	5	1.70	.01	.07	2	25
76554	1	23	15	90	.1	11	8	1930	4.36	9	5	ND	2	23	1	2	2	85	.32	.19	9	36	.67	191	.02	4	2.12	.01	.06	2	5
76555	1	12	19	52	.1	6	5	1773	3.48	5	5	ND	2	9	1	2	2	59	.10	.17	6	23	.36	130	.01	5	1.61	.01	.06	2	5
76556	1	15	9	69	.5	8	5	565	2.65	4	5	ND	2	23	1	2	2	43	.43	.22	7	20	.49	216	.01	3	1.56	.01	.06	2	135
76557	1	18	20	70	.2	11	8	1814	4.32	2	5	ND	2	12	1	2	2	59	.10	.19	10	33	.72	316	.01	4	2.24	.01	.06	2	20
76558	1	14	11	55	.1	5	6	1069	1.98	2	5	ND	2	15	1	2	2	30	.27	.26	8	15	.74	130	.01	5	1.46	.01	.07	2	5
76559	1	53	18	94	.1	26	14	2106	4.23	9	5	ND	2	16	1	2	2	77	.29	.16	9	68	1.63	208	.01	5	2.32	.01	.06	2	65
76560	1	37	14	91	.3	32	13	1010	4.44	5	5	ND	2	23	1	2	2	75	.41	.17	11	86	1.64	144	.02	4	2.11	.01	.07	2	30
76561	1	24	17	91	.1	18	11	1221	4.12	9	5	ND	2	17	1	2	2	64	.32	.13	11	33	1.33	131	.02	5	2.04	.01	.06	2	5
76562	1	55	17	60	.1	10	12	2300	3.95	2	5	ND	2	19	1	2	2	78	.37	.35	6	71	.88	210	.01	5	1.80	.01	.06	2	5
76563	1	30	20	105	.3	18	12	1517	5.81	21	5	ND	2	15	1	2	2	63	.22	.12	17	26	1.06	190	.02	4	2.37	.01	.04	2	350
76564	1	23	26	72	.9	4	9	2806	4.58	19	5	ND	2	11	1	2	2	32	.27	.28	9	8	.62	149	.01	4	1.46	.01	.07	2	440
76565	1	38	23	86	1.4	11	11	3294	5.13	21	5	ND	2	11	1	2	2	43	.20	.17	22	16	1.00	259	.01	4	2.34	.01	.07	2	930
76566	1	71	14	69	.5	52	14	786	5.59	18	5	ND	2	12	1	2	2	102	.16	.19	8	171	1.90	143	.01	6	2.97	.01	.04	2	445
76567	2	22	11	62	.1	93	26	1522	5.33	7	5	ND	2	30	1	2	2	106	.61	.18	7	381	3.28	233	.02	3	3.04	.01	.04	2	5
76568	1	25	25	75	.5	7	10	1322	5.61	51	5	ND	2	13	1	2	2	37	.25	.13	15	21	1.05	246	.01	4	2.39	.01	.05	2	15
STD C/AU-0.5	21	58	40	124	7.0	69	27	1088	3.83	40	19	8	37	49	18	16	22	58	.44	.14	38	57	.88	177	.06	40	1.65	.06	.13	14	490

APPENDIX I - 30 ELEMENT I.C.P. ANALYSIS RESULTS

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76569	1	22	19	72	.6	8	9	1147	4.70	34	5	ND	2	13	1	2	2	38	.24	.14	16	15	1.01	251	.01	5	2.35	.01	.06	2	10
76570	1	23	23	54	1.7	12	11	4758	4.81	15	5	ND	2	16	1	2	2	62	.25	.24	15	35	.57	448	.01	5	2.41	.01	.06	2	460
76571	1	27	15	80	.1	15	9	1328	4.36	12	5	ND	2	9	1	2	2	75	.08	.14	11	39	.98	144	.02	5	2.20	.01	.07	2	125
76572	1	16	10	53	.2	10	6	498	3.76	11	6	ND	2	7	1	2	2	74	.05	.15	7	32	.64	116	.01	4	2.25	.01	.06	2	45
76573	2	30	32	70	.6	8	11	3246	5.41	36	5	ND	2	8	1	2	2	50	.10	.20	13	19	.72	156	.01	2	2.22	.01	.06	2	240
76574	2	35	27	120	1.2	32	12	1571	5.42	20	5	ND	2	21	1	2	2	70	.43	.16	16	40	1.60	130	.01	4	2.22	.01	.06	2	25
76575	6	16	21	74	.1	9	6	1075	3.63	7	5	ND	2	47	1	2	2	44	.67	.27	11	19	.50	129	.01	6	1.46	.01	.05	2	45
76576	1	16	52	102	.1	7	4	695	4.49	8	5	ND	2	17	1	2	2	64	.30	.21	9	25	.38	183	.01	2	1.86	.01	.06	2	190
76577	2	22	29	103	.2	12	11	1386	6.77	10	5	ND	2	13	1	2	2	80	.19	.18	11	29	1.09	92	.02	3	2.42	.01	.04	2	5
76578	2	14	16	96	.4	9	7	1202	3.68	4	5	ND	2	29	1	2	2	45	.54	.34	15	18	.76	174	.01	5	1.87	.01	.06	2	45
76579	1	15	39	80	.5	4	5	838	2.90	11	5	ND	2	13	1	2	2	44	.24	.17	8	8	.40	187	.01	3	1.35	.01	.10	2	115
76580	1	23	14	85	.2	9	7	707	3.69	2	5	ND	2	12	1	2	2	52	.14	.18	10	18	1.03	182	.01	5	2.58	.01	.06	2	75
76581	1	7	11	59	.1	3	5	1904	1.77	2	5	ND	2	16	1	2	2	31	.36	.15	7	6	.42	263	.01	3	1.54	.01	.06	2	150
76582	1	46	15	73	.6	18	8	796	4.27	5	5	ND	2	10	1	2	2	71	.11	.17	11	30	1.05	179	.01	2	2.98	.01	.06	2	105
76583	1	31	17	94	.5	18	12	1718	4.61	13	5	ND	2	11	1	2	2	48	.32	.13	21	56	1.45	237	.01	2	2.03	.01	.07	2	180
76584	1	19	10	68	.1	32	12	815	3.79	4	5	ND	2	26	1	2	2	74	.56	.20	13	117	1.46	178	.01	2	2.50	.01	.06	2	5
76585	1	22	14	77	1.0	11	8	645	3.57	7	5	ND	2	41	1	2	2	51	.80	.21	30	24	1.07	234	.02	4	2.29	.01	.07	2	15
76586	1	22	17	78	.9	11	8	640	3.56	7	5	ND	2	41	1	3	2	52	.81	.21	30	24	1.08	227	.02	4	2.29	.01	.06	2	15
76587	1	33	309	100	.6	11	5	342	4.56	8	5	ND	2	11	1	2	2	91	.14	.20	7	37	.48	72	.01	5	2.17	.01	.04	2	55
76588	1	15	13	40	.3	7	3	258	2.07	2	5	ND	2	18	1	2	2	44	.19	.22	9	21	.35	183	.01	4	2.18	.01	.06	2	5
76589	3	14	23	73	.1	7	7	879	5.47	13	5	ND	2	9	1	2	2	61	.11	.20	10	18	.79	91	.01	2	2.39	.01	.04	2	5
76590	5	23	44	108	.3	9	13	2281	8.23	12	5	ND	2	10	1	2	2	50	.20	.23	17	17	1.09	72	.01	2	2.23	.01	.06	2	5
76591	1	9	14	60	.1	5	5	660	4.17	8	5	ND	2	25	1	2	2	62	.52	.14	7	13	.53	111	.01	2	1.72	.01	.06	2	5
76592	7	20	47	84	.9	4	13	2097	6.29	19	5	ND	2	9	1	2	2	38	.16	.18	14	9	.85	129	.01	2	1.99	.01	.07	2	45
76593	1	8	9	39	.1	3	3	856	1.80	2	5	ND	2	19	1	2	2	27	.37	.19	9	6	.13	255	.01	2	1.25	.01	.05	2	5
76594	1	49	16	88	.1	40	14	795	4.98	29	5	ND	2	18	1	2	2	100	.24	.06	12	77	1.72	137	.05	4	2.81	.01	.05	2	45
76595	1	27	23	95	.1	19	13	1790	6.86	13	6	ND	2	12	1	2	2	85	.12	.18	16	37	1.25	101	.03	2	2.68	.01	.05	2	10
76596	1	14	11	46	.1	7	5	873	3.08	4	5	ND	2	18	1	2	2	60	.32	.17	8	22	.41	169	.01	5	1.56	.01	.06	2	20
76597	1	12	12	28	.1	3	2	237	2.45	3	6	ND	2	11	1	2	2	48	.08	.19	9	12	.21	104	.01	2	2.03	.01	.04	2	5
76598	1	24	13	50	.1	20	7	408	4.28	13	6	ND	2	16	1	2	2	102	.22	.10	6	61	.80	103	.02	2	2.15	.01	.04	2	5
76599	1	53	21	97	.6	24	13	1844	5.15	17	5	ND	2	21	1	2	2	75	.37	.15	20	40	1.40	139	.09	2	2.60	.01	.07	2	95
76600	1	40	9	75	.2	29	11	573	4.81	13	5	ND	2	16	1	2	2	102	.20	.08	8	54	1.32	105	.05	3	2.75	.01	.04	2	5
76601	1	31	18	82	.1	21	9	730	3.84	11	5	ND	2	18	1	2	2	68	.21	.12	9	33	1.09	123	.02	4	2.28	.01	.07	2	5
76602	1	40	21	100	.1	30	11	1143	4.71	15	5	ND	2	20	1	2	2	90	.27	.12	10	59	1.31	188	.03	5	2.78	.01	.05	2	5
76603	1	23	24	108	.1	16	11	1820	5.19	11	5	ND	2	13	1	2	2	60	.27	.17	15	25	1.31	96	.02	4	2.54	.01	.06	2	15
76604	1	25	17	74	.2	21	8	967	6.32	5	5	ND	2	12	1	2	2	122	.12	.12	9	70	.78	65	.09	2	2.36	.01	.04	2	5
76605	1	36	9	63	.5	31	10	603	4.33	13	6	ND	2	13	1	2	2	122	.11	.10	6	92	1.23	72	.09	4	2.54	.01	.03	2	5
STD C/AU-0.5	21	58	40	124	7.0	70	27	1050	3.83	41	20	8	38	49	18	16	20	58	.44	.14	38	57	.88	176	.06	39	1.65	.06	.13	15	490

NEWMONT PROJECT # 315 FILE # 84-2338

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76606	1	11	30	89	.1	6	10	2097	5.56	7	5	ND	2	6	1	2	2	46	.09	.25	11	11	.73	51	.01	5	1.77	.01	.02	2	5
76607	1	9	15	19	1.3	3	3	148	2.36	2	5	ND	2	10	1	2	2	38	.10	.13	9	25	.13	64	.01	3	1.73	.01	.02	2	35
76608	1	27	28	83	.1	18	10	1024	4.79	8	5	ND	2	27	1	2	2	64	.34	.14	11	35	1.19	115	.02	4	2.86	.01	.03	2	35
76609	1	30	18	84	.2	21	10	955	4.06	14	5	ND	2	28	1	4	2	72	.15	.13	13	46	1.02	104	.04	5	2.65	.01	.05	2	410
76610	1	30	15	68	.1	18	8	725	4.11	9	5	ND	2	21	1	2	3	91	.16	.15	10	40	.92	147	.03	5	2.53	.01	.04	2	15
76611	1	14	13	60	.1	9	6	739	3.35	2	5	ND	2	15	1	2	2	59	.23	.21	12	19	.56	175	.01	4	2.05	.01	.05	2	5
76612	1	19	13	79	.1	14	8	752	3.87	7	5	ND	2	12	1	2	2	67	.10	.15	11	29	.90	150	.02	5	2.70	.01	.04	2	115
76613	1	36	28	87	.8	12	11	1936	4.56	3	5	ND	2	16	1	2	2	56	.30	.17	17	21	1.19	179	.04	5	2.40	.01	.07	2	210
76614	1	21	18	55	.5	5	6	621	2.96	6	5	ND	2	36	1	2	2	34	.71	.21	15	8	.72	306	.01	3	1.86	.01	.04	2	5
76615	1	11	9	58	.1	5	4	703	2.38	2	5	ND	2	10	1	2	2	36	.11	.17	7	6	.25	124	.01	3	1.33	.01	.06	2	5
76616	1	40	25	86	.4	31	9	710	4.16	27	5	ND	2	44	1	2	2	85	.68	.19	23	50	1.23	171	.02	5	2.59	.01	.04	2	40
76617	2	22	26	81	.5	11	11	1419	7.23	9	5	ND	2	7	1	2	2	39	.08	.20	11	17	.68	51	.01	7	1.99	.01	.04	2	5
76618	2	27	38	92	.2	9	14	1921	9.92	8	5	ND	2	5	1	2	2	40	.08	.43	18	14	.89	48	.01	7	1.97	.01	.04	2	5
76619	1	15	48	77	.2	5	8	1107	7.84	5	5	ND	2	6	1	2	2	48	.10	.26	16	15	.75	60	.01	4	2.03	.01	.03	2	5
76620	1	13	19	77	.4	13	6	764	3.69	2	5	ND	2	19	1	2	2	53	.26	.20	15	27	.88	184	.01	4	2.39	.01	.03	2	80
76621	1	6	12	58	.1	5	5	1000	3.03	2	5	ND	2	14	1	2	2	36	.27	.22	9	10	.56	176	.01	4	1.88	.01	.05	2	5
76622	1	17	10	50	.1	48	16	754	4.43	4	5	ND	2	16	1	3	2	109	.33	.14	7	204	2.20	272	.02	3	2.60	.01	.02	2	150
76623	1	11	13	62	.1	6	6	830	2.04	2	5	ND	2	31	1	2	2	31	1.22	.17	7	13	.66	576	.01	3	1.57	.01	.04	2	5
76624	1	27	20	115	2.3	7	8	914	3.22	2	5	ND	2	19	1	2	2	40	.48	.13	11	12	1.13	492	.02	4	1.92	.01	.07	2	5
76625	1	37	18	85	.1	19	11	1137	4.58	15	5	ND	2	20	1	2	2	95	.29	.12	10	39	1.22	130	.07	3	2.70	.01	.04	2	35
76626	1	47	14	98	.1	23	12	1152	4.51	10	5	ND	2	28	1	4	2	92	.39	.15	9	36	1.63	147	.08	4	2.88	.01	.05	2	15
76627	1	24	17	75	.1	15	9	819	4.06	9	5	ND	2	17	1	2	2	69	.20	.17	10	26	1.12	142	.02	5	2.78	.01	.04	2	5
76628	1	19	29	85	.2	12	7	1229	3.11	6	5	ND	2	21	1	2	2	45	.45	.19	13	20	.88	307	.01	4	2.10	.01	.04	2	5
76629	2	43	30	99	.3	37	10	1454	5.26	30	5	ND	2	26	1	2	2	117	.44	.25	14	44	1.35	117	.01	5	2.56	.01	.04	2	15
76630	2	47	35	99	.8	23	15	1991	7.22	16	5	ND	2	17	1	2	2	73	.20	.22	15	44	1.14	77	.04	6	2.24	.01	.04	2	15
76631	1	19	16	76	.3	11	7	1179	3.12	7	5	ND	2	18	1	2	2	45	.36	.18	13	20	.85	335	.01	4	2.15	.01	.04	2	5
76632	2	18	37	34	.4	7	7	2228	2.35	7	5	ND	2	47	1	2	2	46	1.05	.80	14	17	.28	386	.01	3	1.91	.01	.04	2	10
76633	1	50	22	69	2.2	12	8	1038	4.19	18	5	ND	2	39	1	2	2	57	.27	.14	19	20	.76	222	.04	4	2.33	.01	.06	2	110
76634	1	13	13	28	.1	6	3	259	2.55	5	5	ND	2	13	1	2	2	63	.12	.15	6	24	.30	197	.02	3	1.88	.01	.03	2	5
76635	1	41	16	82	.1	30	11	693	4.63	11	5	ND	2	34	1	3	2	92	.44	.10	9	46	1.42	180	.06	4	3.12	.01	.03	2	5
76636	1	26	10	72	.1	15	10	939	4.70	8	5	ND	2	28	1	2	2	96	.35	.11	7	31	1.32	190	.06	4	2.80	.01	.02	2	5
76637	1	48	22	100	1.4	8	9	1429	3.00	2	5	ND	2	23	1	3	2	40	.95	.17	19	10	1.19	732	.03	3	1.85	.01	.08	2	5
76638	1	19	13	117	.1	11	10	1226	3.60	6	5	ND	2	27	1	2	2	49	.54	.18	21	17	1.45	635	.02	4	2.97	.01	.05	2	5
76639	1	24	21	93	.3	11	9	777	3.63	4	5	ND	2	23	1	2	3	37	.48	.17	24	12	1.03	339	.01	3	1.86	.01	.07	2	5
76640	2	29	31	83	.4	13	12	1736	7.36	19	5	ND	2	16	1	2	2	50	.33	.34	15	24	1.09	146	.02	6	1.82	.01	.04	2	5
76641	3	29	35	83	.8	7	12	1961	9.73	15	5	ND	2	8	1	2	2	35	.09	.48	12	13	.87	75	.01	4	1.69	.01	.04	2	55
76642	27	22	39	83	2.7	6	12	3427	8.44	18	5	ND	2	3	1	2	2	16	.08	.20	18	4	.53	48	.01	3	1.32	.01	.03	2	60
STD C/AU-0.5	20	58	40	123	6.9	70	27	1079	3.83	41	20	8	38	49	18	16	23	58	.44	.14	39	57	.88	176	.06	39	1.65	.06	.11	14	490

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76643	2	13	16	63	.1	10	5	1028	3.74	10	5	ND	2	16	1	2	2	43	.47	.24	9	16	.57	144	.01	3	2.07	.01	.02	2	5
76644	1	10	13	77	.2	10	6	750	2.42	5	5	ND	2	17	1	2	2	39	.29	.12	11	23	.67	253	.01	2	1.90	.01	.03	2	100
76645	3	17	285	62	22.4	7	6	1053	4.20	77	5	2	3	15	1	2	2	51	.12	.13	8	17	.48	163	.01	3	1.79	.01	.04	2	1050
76646	1	46	22	80	.6	20	13	1371	4.58	19	5	ND	2	63	1	2	2	99	.66	.14	8	33	1.33	199	.13	3	3.20	.01	.05	2	155
76647	1	24	24	74	.5	14	10	1501	4.19	8	5	ND	2	25	1	2	2	61	.34	.14	17	30	1.15	367	.02	3	2.69	.01	.05	2	70
76648	1	9	12	60	.1	6	6	939	2.67	5	5	ND	2	10	1	2	2	38	.14	.17	9	13	.71	203	.01	3	2.11	.01	.03	2	60
76649	1	17	8	78	.4	11	7	944	3.09	7	5	ND	2	31	1	2	2	55	.77	.26	13	17	.93	843	.01	2	2.98	.01	.03	2	5
76650	1	20	12	48	.1	10	7	587	3.59	8	5	ND	2	10	1	2	2	89	.08	.12	7	22	.74	121	.03	2	3.17	.01	.02	2	5
76651	1	16	15	73	.1	10	7	1081	3.43	4	5	ND	2	12	1	2	2	53	.15	.19	9	19	.89	195	.01	3	2.32	.01	.03	2	5
76652	4	29	41	95	.2	16	12	2453	6.17	31	5	ND	2	38	1	2	2	62	.40	.16	14	34	1.20	140	.01	4	2.51	.01	.04	2	5
76653	2	48	23	88	.2	38	13	1645	5.64	24	5	ND	2	26	1	2	2	87	.24	.15	13	48	1.38	72	.06	4	2.90	.01	.02	2	10
76654	2	31	24	70	.6	35	12	1260	8.33	21	5	ND	2	16	1	2	2	92	.06	.23	8	58	1.13	57	.03	3	2.39	.01	.03	2	15
76655	1	28	16	73	.1	27	9	651	5.06	13	5	ND	2	12	1	2	2	80	.16	.11	12	44	1.14	79	.07	3	2.92	.01	.02	2	25
76656	1	37	23	98	.2	23	11	1118	4.16	12	5	ND	2	49	1	2	2	84	.50	.12	11	53	1.54	170	.03	5	3.07	.01	.04	3	40
76657	1	12	22	46	.1	9	5	675	2.72	11	5	ND	2	53	1	2	2	40	.21	.13	7	13	.59	208	.02	3	2.63	.01	.02	2	5
76658	1	34	9	53	.2	19	8	545	3.89	9	5	ND	2	99	1	2	2	80	.18	.10	8	37	.96	97	.11	2	3.33	.01	.02	2	5
76659	1	17	10	49	.1	10	6	668	2.90	3	5	ND	2	40	1	2	2	62	.26	.12	6	22	.67	102	.06	4	3.00	.01	.01	2	5
76660	1	25	11	44	.1	17	8	561	4.53	6	5	ND	2	18	1	2	2	133	.12	.08	6	55	.94	66	.13	2	2.80	.01	.01	2	5
76661	1	40	23	98	6.1	20	13	1464	4.64	18	5	ND	2	19	1	2	2	77	.27	.13	9	37	1.66	97	.04	2	2.72	.01	.05	2	650
76662	1	23	12	96	.4	12	10	1225	3.79	17	5	ND	2	34	1	2	2	57	.46	.13	8	26	1.34	243	.01	2	2.58	.01	.05	2	135
76663	1	52	8	47	.1	6	6	695	2.63	5	5	ND	2	161	1	2	2	74	1.83	.14	4	8	.82	37	.08	3	5.39	.01	.05	2	5
76664	2	139	25	158	.8	191	27	1023	5.19	31	5	ND	2	81	1	2	2	111	1.13	.13	6	165	5.24	46	.05	5	4.33	.01	.03	3	5
76665	1	199	19	71	.3	29	15	832	3.92	11	5	ND	2	109	1	2	2	115	1.75	.12	6	46	1.94	45	.05	3	3.76	.01	.04	2	10
76666	1	44	13	43	.7	18	7	603	2.42	20	5	ND	2	55	1	2	2	90	.46	.18	7	53	.89	77	.05	3	3.00	.01	.02	2	5
76667	1	57	7	58	.3	14	11	1007	3.42	9	5	ND	2	16	1	2	2	98	.24	.14	9	23	1.10	183	.03	4	2.37	.01	.02	2	5
76668	1	86	12	80	.2	96	27	1457	5.58	14	5	ND	2	29	1	2	2	147	.33	.08	2	232	4.48	40	.15	3	3.59	.01	.01	2	5
76669	1	63	13	87	.2	28	21	2098	6.63	28	5	ND	2	11	1	3	2	110	.29	.11	5	29	2.01	63	.01	3	3.29	.01	.02	2	5
76670	1	26	9	56	.1	12	10	1029	4.47	7	5	ND	2	11	1	2	2	84	.19	.17	2	21	.98	127	.01	2	2.23	.01	.03	2	5
76671	2	47	25	82	.6	8	14	1686	5.09	13	5	ND	2	78	1	2	2	53	.98	.22	9	26	1.49	117	.06	2	2.33	.01	.05	2	5
76672	2	42	19	71	.2	12	11	1351	4.10	15	5	ND	2	116	1	2	2	57	1.30	.16	9	20	1.31	137	.03	4	2.77	.01	.06	2	5
76673	2	41	18	71	.3	12	11	1355	4.04	15	5	ND	2	119	1	2	2	57	1.31	.15	8	17	1.30	138	.03	3	2.80	.01	.06	2	5
76674	2	41	16	79	.4	13	13	1438	4.76	11	5	ND	2	80	1	2	2	65	1.02	.19	8	21	1.57	112	.03	2	2.61	.01	.05	2	5
76675	1	77	629	1414	.6	11	9	1473	2.42	2	5	ND	2	55	11	2	2	75	6.12	.08	4	14	1.40	34	.05	3	1.17	.02	.05	2	5
76676	1	67	534	1223	.7	8	8	1273	2.03	3	5	ND	2	46	9	2	2	57	5.06	.09	3	14	1.14	47	.02	3	1.12	.01	.03	2	5
76677	1	17	15	51	2.5	3	4	732	2.61	8	5	2	3	7	1	2	2	25	.08	.17	4	5	.30	123	.01	2	1.24	.01	.05	2	1250
76678	12	19	34	46	.9	8	5	560	4.10	57	5	ND	2	9	1	2	2	67	.06	.14	4	15	.42	178	.02	3	1.64	.01	.03	2	215
76679	1	36	107	113	.9	19	11	1839	4.49	20	5	ND	2	14	1	2	2	59	.25	.15	13	27	1.07	191	.02	3	2.26	.01	.04	2	1100
STD C/AU-0.5	20	58	40	123	7.2	69	27	1080	3.82	41	18	7	38	49	18	16	20	58	.44	.14	37	57	.88	176	.06	39	1.63	.06	.12	14	490

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76680	1	35	32	74	.7	16	10	1448	4.02	17	5	ND	2	19	1	2	2	48	.38	.19	14	21	1.06	200	.01	2	1.90	.01	.04	2	110
76681	1	28	31	87	.4	11	10	2277	3.84	30	5	ND	2	8	1	2	2	35	.10	.18	13	12	.78	107	.01	3	1.86	.01	.05	2	10
76741	1	21	26	86	1.4	7	6	671	3.58	5	5	ND	2	16	1	2	2	48	.15	.11	13	10	.53	98	.05	2	4.11	.01	.02	2	5
76742	1	24	36	125	2.3	5	7	639	3.53	7	5	ND	3	25	1	2	2	62	.31	.08	11	8	.87	86	.07	3	3.91	.01	.03	2	5
76743	1	25	36	130	2.5	6	7	660	3.70	9	5	ND	2	24	1	2	2	67	.27	.08	11	8	.93	91	.07	2	3.83	.01	.02	2	5
76744	1	39	32	105	2.1	6	6	634	3.90	6	5	ND	2	23	1	2	2	71	.24	.12	10	9	.80	97	.05	2	3.73	.01	.03	2	5
76745	1	27	34	120	.4	7	7	837	4.16	8	5	ND	2	36	1	2	2	86	.54	.11	14	10	.99	143	.04	3	2.87	.01	.02	2	5
76746	1	73	29	106	.5	11	8	862	3.91	9	5	ND	2	46	1	4	2	63	.79	.12	26	10	.88	129	.05	3	3.22	.02	.04	2	5
76747	2	32	19	87	.3	6	7	3540	2.06	5	5	ND	2	42	2	2	2	38	.65	.37	16	6	.48	219	.02	3	2.24	.01	.02	2	5
76748	1	21	10	64	.5	5	4	1076	1.93	4	5	ND	2	13	1	2	2	32	.11	.16	9	5	.31	80	.02	2	2.58	.01	.02	2	25
76749	1	10	22	64	.4	2	5	591	4.03	9	5	ND	2	16	1	2	2	77	.09	.07	8	2	.52	82	.06	2	2.38	.01	.02	2	15
76750	1	46	27	111	.7	6	8	824	3.71	12	5	ND	2	50	1	2	2	71	.82	.09	12	5	1.12	101	.06	2	2.68	.01	.03	2	10
76751	1	31	25	97	.8	9	6	740	3.23	4	5	ND	2	41	1	2	2	50	.68	.20	21	11	.76	134	.02	2	2.98	.01	.03	2	5
76752	1	94	156	112	14.4	11	7	598	3.65	7	5	ND	2	38	1	3	2	61	.60	.10	14	8	.93	96	.06	2	3.10	.01	.03	2	135
76753	1	25	48	120	1.4	6	7	704	4.79	10	5	ND	2	22	1	2	2	94	.17	.05	9	8	.88	84	.09	2	2.83	.01	.02	2	15
76754	1	23	39	152	.2	5	8	962	3.44	42	5	ND	2	59	1	2	2	90	1.03	.07	8	5	.96	69	.07	3	2.31	.01	.02	2	5
76755	1	24	36	130	.4	5	7	779	3.65	18	5	ND	2	35	1	2	2	71	.50	.08	9	6	.80	81	.08	2	3.65	.01	.02	2	5
76756	1	29	45	178	.2	8	7	732	4.01	41	5	ND	2	23	1	2	2	90	.29	.10	9	10	.85	146	.03	2	2.69	.01	.02	2	5
76757	1	38	44	257	.2	9	8	938	3.99	70	5	ND	2	26	1	2	2	108	.29	.14	10	10	1.08	183	.02	2	2.97	.01	.04	2	5
76758	1	30	36	133	.7	3	9	1418	2.98	31	5	ND	2	72	1	2	2	48	1.40	.14	7	2	.51	35	.04	3	3.41	.01	.03	2	20
76759	1	47	32	131	.4	10	7	669	3.36	3	5	ND	2	38	1	2	2	58	.61	.10	14	9	.97	131	.06	2	2.62	.01	.03	2	10
76760	1	20	25	100	.4	6	6	732	3.71	4	5	ND	2	18	1	2	2	71	.14	.06	10	10	.74	77	.06	2	2.88	.01	.03	2	15
76761	1	17	28	96	.3	3	6	571	3.91	10	5	ND	2	18	1	2	2	75	.20	.07	9	6	.72	59	.11	2	3.31	.01	.02	2	15
76762	1	52	32	147	.7	8	8	849	3.67	9	5	ND	2	45	1	2	2	65	.80	.12	19	8	.97	122	.05	2	2.64	.01	.03	2	25
76763	1	28	44	126	1.1	5	7	745	4.10	10	5	ND	2	28	1	2	2	73	.37	.09	10	7	.90	89	.09	4	3.64	.01	.03	2	5
76764	1	35	46	130	.8	8	8	1031	3.82	26	5	ND	2	66	1	2	2	86	.97	.10	17	6	1.09	96	.05	2	2.85	.01	.03	2	5
76765	1	26	39	147	.4	6	8	1034	3.57	11	5	ND	2	58	1	2	2	72	.93	.08	10	6	1.01	86	.08	2	2.96	.01	.02	2	5
76766	1	21	45	161	.2	5	8	921	3.65	12	5	ND	2	51	1	2	2	83	.84	.09	10	6	.94	85	.11	2	2.86	.01	.02	2	5
76767	1	26	49	158	2.6	6	8	1046	3.86	7	5	ND	2	30	1	2	2	78	.39	.07	10	8	.85	70	.09	3	3.36	.01	.03	2	5
76768	1	29	74	129	2.8	3	7	1095	3.64	17	5	ND	2	42	1	2	2	62	.80	.12	10	5	.58	44	.09	2	4.19	.01	.02	2	10
76769	1	21	35	113	.8	9	6	568	4.01	2	5	ND	2	21	1	2	2	72	.25	.10	13	14	.73	90	.09	3	3.55	.01	.02	2	5
76770	1	25	81	157	.8	6	9	1058	4.33	8	5	ND	2	35	1	2	2	97	.53	.14	10	7	.83	60	.09	2	3.21	.01	.03	2	35
76771	1	22	53	120	.7	5	7	1157	4.95	12	5	ND	2	22	1	2	2	113	.27	.12	10	6	.70	72	.09	3	2.62	.01	.02	2	10
76772	1	18	47	96	.7	5	6	577	3.98	6	5	ND	2	18	1	2	2	98	.16	.06	8	6	.72	70	.08	2	2.13	.01	.02	2	5
76773	1	28	34	96	.4	7	7	929	3.47	18	5	ND	2	42	1	2	2	129	.65	.13	14	9	.82	130	.03	2	2.61	.01	.02	2	5
76774	1	23	38	135	.2	5	8	894	3.45	22	5	ND	2	50	1	2	2	85	.87	.08	10	5	.87	85	.08	2	2.74	.01	.02	2	5
76775	1	25	32	92	.3	8	6	735	3.17	38	5	ND	2	43	1	3	2	134	.74	.18	16	10	.71	114	.03	2	2.48	.01	.02	2	5
STD C/AU-0.5	20	57	40	123	6.9	69	27	1039	3.82	39	21	7	37	48	17	16	19	58	.44	.13	38	56	.88	175	.06	38	1.64	.06	.11	15	490

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76776	1	24	30	122	.3	6	7	699	3.77	5	5	ND	2	39	1	2	2	80	.60	.10	10	9	.88	116	.08	4	2.67	.01	.03	2	5
76777	1	29	30	157	.1	7	7	822	3.92	10	5	ND	2	45	1	2	2	79	.66	.12	13	11	.96	111	.10	3	2.81	.01	.04	2	5
76778	1	26	29	111	.5	8	5	545	3.22	4	5	ND	2	50	1	2	2	63	.89	.21	15	11	.69	185	.04	4	2.25	.01	.04	2	5
76779	1	19	28	101	.4	3	7	751	4.60	14	5	ND	2	36	1	2	2	105	.37	.11	10	5	.80	74	.17	7	2.99	.01	.03	2	60
76780	2	14	32	70	.6	4	4	422	3.70	7	9	ND	2	18	1	2	2	87	.09	.07	10	11	.48	71	.11	3	2.34	.01	.04	2	5
76781	1	32	60	142	.6	3	11	1312	4.77	12	5	ND	2	46	1	2	2	90	.79	.18	11	4	.91	68	.17	5	3.92	.01	.03	2	5
76782	1	30	44	116	.6	7	7	855	4.21	12	5	ND	2	30	1	2	2	102	.37	.15	11	10	.81	65	.12	6	2.74	.01	.04	2	10
76783	1	29	45	135	2.4	5	9	1008	4.46	7	5	ND	2	45	1	2	2	107	.75	.15	11	6	1.00	54	.18	3	3.76	.01	.04	2	5
76784	1	25	43	212	.2	7	9	1024	4.07	17	5	ND	2	49	1	2	2	99	.73	.10	12	10	.93	98	.15	4	3.00	.02	.04	2	5
76785	1	25	40	182	.3	4	9	1142	4.06	16	5	ND	2	57	1	2	2	96	.96	.13	12	4	.90	73	.22	6	3.19	.01	.04	2	5
76786	1	49	55	124	.4	6	8	882	4.14	25	5	ND	2	54	1	2	2	98	.91	.16	16	7	.79	107	.07	6	2.76	.01	.03	2	5
76787	1	25	36	135	.7	7	8	752	4.51	8	5	ND	2	27	1	2	2	104	.37	.09	12	9	.86	88	.14	5	2.95	.01	.03	2	5
76788	1	23	27	97	.5	3	6	665	3.87	11	5	ND	2	38	1	2	2	79	.54	.11	9	6	.71	61	.15	4	4.00	.01	.03	2	5
76789	1	33	38	178	.1	11	8	862	4.39	9	5	ND	2	32	1	2	2	79	.39	.12	12	12	.98	104	.10	5	2.60	.01	.05	2	5
76790	1	20	27	97	.6	5	6	567	3.87	8	5	ND	2	31	1	2	2	76	.37	.11	12	10	.80	72	.13	6	3.71	.01	.03	2	5
76791	1	16	26	89	1.0	3	6	575	4.10	8	5	ND	2	29	1	2	2	91	.21	.08	8	7	.76	76	.13	4	2.33	.01	.03	2	20
76792	1	20	44	108	.2	6	7	749	4.21	8	5	ND	2	25	1	2	2	88	.16	.10	9	10	.85	73	.10	4	2.35	.01	.04	2	5
76793	1	21	32	107	.2	4	7	695	5.01	11	5	ND	2	28	1	2	2	99	.28	.11	9	6	.89	71	.15	2	2.98	.01	.02	2	5
76794	1	22	34	132	.2	8	7	915	4.04	6	5	ND	2	35	1	3	2	89	.41	.13	13	13	.82	160	.09	3	2.83	.01	.04	2	5
76795	1	36	34	148	.4	8	7	1097	3.50	26	5	ND	2	38	1	2	2	84	.58	.16	19	12	.78	118	.06	15	2.70	.01	.05	2	5
76796	1	29	38	104	.5	7	6	755	2.92	45	5	ND	2	40	1	2	2	96	.58	.19	14	10	.76	105	.05	3	2.60	.01	.04	2	10
76797	1	24	37	126	.1	6	7	732	4.25	11	5	ND	2	41	1	2	2	83	.61	.10	10	10	.83	100	.11	3	3.51	.01	.03	2	15
76798	1	23	39	114	1.4	5	6	737	3.38	14	5	ND	2	40	1	2	2	89	.56	.12	9	8	.75	91	.08	5	2.61	.02	.04	2	5
76799	1	30	51	150	3.3	7	9	916	4.24	10	5	ND	2	37	1	2	2	100	.31	.09	11	7	.94	75	.15	5	3.25	.01	.04	2	10
76800	1	29	44	132	2.2	7	9	935	4.21	11	5	ND	2	32	1	2	2	90	.37	.11	11	11	.94	67	.12	5	3.45	.01	.04	2	5
76801	1	34	66	161	2.5	6	10	1218	5.38	16	5	ND	2	32	1	2	2	119	.47	.15	12	9	1.13	126	.12	4	3.84	.01	.03	2	5
76802	1	53	51	140	.4	9	11	1107	4.76	6	5	ND	2	74	1	2	2	150	1.02	.17	11	6	1.04	94	.17	4	3.75	.02	.05	2	5
76803	1	25	41	92	.1	6	6	591	4.55	8	5	ND	2	26	1	2	2	87	.27	.12	12	12	.71	66	.11	6	3.73	.01	.02	2	5
76804	1	53	46	134	1.2	8	11	1429	5.03	9	5	ND	2	61	1	2	2	152	.99	.21	11	8	1.04	88	.17	2	3.95	.02	.04	2	10
76805	1	56	58	177	4.9	5	9	1240	4.44	19	5	ND	2	56	1	2	2	106	.96	.17	11	6	.92	54	.18	5	3.31	.01	.04	2	25
76806	1	29	44	143	1.7	7	8	1037	4.52	11	5	ND	2	36	1	2	2	92	.56	.12	14	8	.89	69	.15	4	3.60	.02	.03	2	5
76807	1	30	38	139	.2	8	9	930	3.99	20	5	ND	2	65	1	2	2	95	1.03	.10	13	8	1.06	88	.13	5	3.18	.02	.04	2	5
76808	1	22	39	135	.3	4	7	918	3.91	12	5	ND	2	40	1	2	2	88	.64	.12	11	5	.76	58	.16	4	3.72	.01	.02	2	35
76809	1	33	40	127	.3	8	7	773	4.14	39	5	ND	2	48	1	2	2	116	.72	.12	15	12	.87	106	.09	5	3.17	.01	.03	2	5
76810	1	34	51	110	.1	5	6	595	5.86	11	5	ND	2	21	1	2	2	96	.20	.13	11	7	.80	91	.11	5	3.54	.01	.03	2	5
76811	1	26	44	119	.1	4	7	736	4.69	13	5	ND	2	34	1	2	2	96	.38	.11	9	6	.75	88	.18	6	2.50	.01	.03	2	5
76812	1	19	24	88	.4	3	6	782	3.91	13	5	ND	2	30	1	2	2	87	.37	.12	9	7	.67	59	.17	5	2.67	.01	.02	2	5
STD.C/AU-0.5	20	58	40	123	6.7	69	27	1069	3.82	39	19	7	38	49	18	17	20	58	.44	.14	38	57	.88	176	.06	40	1.65	.07	.11	14	520

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76813	2	27	48	111	1.0	6	7	880	4.92	11	5	ND	2	26	1	2	2	115	.21	.07	12	9	.67	86	.12	2	2.83	.02	.04	2	5
76814	2	27	47	113	1.1	6	7	884	4.96	9	5	ND	2	26	1	2	3	116	.21	.07	12	9	.68	88	.13	3	2.83	.02	.05	2	5
76815	2	27	56	97	.6	5	7	800	4.87	13	5	ND	2	27	1	2	2	136	.26	.10	11	6	.68	73	.15	6	2.75	.01	.04	2	5
76816	1	16	44	88	.3	4	4	421	3.24	8	5	ND	2	23	1	2	2	84	.16	.06	11	9	.52	77	.10	4	2.39	.01	.03	2	5
76817	1	24	34	112	.2	4	6	817	4.27	10	5	ND	2	38	1	2	2	92	.52	.10	11	7	.79	77	.15	4	3.17	.01	.04	2	15
76818	2	19	40	79	.3	3	5	581	3.83	8	5	ND	2	30	1	2	2	117	.27	.09	11	10	.45	157	.08	3	2.02	.01	.04	2	5
76819	2	32	47	182	.2	7	10	1107	4.38	32	5	ND	2	63	1	2	2	110	1.05	.10	9	7	1.07	90	.15	4	3.15	.01	.05	3	5
76820	2	25	50	106	.3	6	6	627	4.97	11	5	ND	2	25	1	2	2	108	.18	.09	10	9	.70	102	.13	2	2.73	.01	.04	2	5
76821	2	22	44	121	.3	6	5	513	3.52	10	5	ND	2	32	1	2	2	83	.36	.11	12	9	.67	119	.09	4	2.46	.01	.04	2	5
76822	4	50	507	101	3.2	2	5	472	7.26	18	5	ND	4	41	1	2	4	96	.12	.21	7	4	.65	218	.23	2	2.03	.03	.11	2	20
76823	1	23	3	113	.4	6	5	537	3.97	14	5	ND	2	26	1	2	2	79	.24	.13	10	8	.90	67	.14	4	2.25	.01	.05	2	5
76824	2	24	25	120	.1	5	11	1579	4.59	23	5	ND	2	48	1	2	2	67	.79	.20	9	2	1.22	84	.14	5	3.31	.01	.10	2	5
76825	1	27	24	96	.4	6	10	1848	4.32	26	5	ND	2	56	1	2	2	65	.83	.24	13	4	1.04	109	.11	2	3.58	.02	.10	2	5
76826	2	50	39	113	1.6	17	18	1776	5.78	26	5	ND	2	34	1	2	2	69	.42	.28	13	13	1.03	81	.10	5	2.69	.01	.10	2	50
76827	1	63	51	111	1.8	13	12	1057	8.15	31	5	ND	2	31	1	2	2	83	.36	.31	10	11	1.14	66	.12	2	2.65	.01	.09	2	80
76828	2	43	38	103	1.4	7	18	2075	7.18	27	5	ND	2	32	1	2	2	86	.29	.38	11	7	.93	80	.10	2	3.00	.01	.07	2	55
76829	2	46	40	128	1.3	5	14	1641	5.62	26	5	ND	2	57	1	2	2	91	.86	.23	7	3	1.21	65	.18	2	3.21	.01	.07	2	135
75531	2	14	17	72	.2	26	6	649	2.59	10	5	ND	2	62	1	2	2	45	.61	.08	11	27	.60	208	.04	7	1.60	.01	.07	2	10
75532	2	30	48	173	.4	37	8	900	3.04	8	5	ND	2	73	1	2	2	62	1.24	.18	13	39	.94	463	.01	8	2.89	.02	.10	3	5
75533	1	17	13	67	.1	26	5	436	2.32	4	5	ND	2	70	1	2	2	38	.64	.08	13	27	.63	214	.04	7	1.65	.02	.07	2	5
75534	1	13	11	53	.1	22	5	394	2.12	6	5	ND	2	68	1	2	2	36	.54	.07	11	23	.56	167	.04	8	1.39	.01	.05	2	5
75535	1	30	13	110	1.0	38	8	1175	2.75	6	5	ND	2	61	1	2	2	47	.98	.26	17	39	.68	479	.01	6	2.94	.01	.11	2	5
75536	2	30	35	94	.7	12	10	1191	4.30	15	5	ND	2	58	1	2	2	67	.66	.19	9	13	.90	121	.11	4	2.51	.01	.07	2	25
STD C/AU-0.5	20	58	39	123	6.9	69	27	1054	3.82	42	21	8	39	49	17	16	20	58	.44	.14	39	56	.88	176	.06	41	1.64	.06	.12	14	490

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 20 1984 DATE REPORT MAILED: Sept 25/84 ASSAYER D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

NEWMONT EXPLORATION PROJECT # 322 FILE # 84-2696 Dawn Claim PAGE 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76906	2	96	25	88	2.2	40	23	2502	6.38	151	5	ND	3	61	1	2	2	137	.95	.13	20	74	2.06	77	.13	10	3.33	.01	.08	2	45
76907	1	68	12	100	.8	75	19	1008	5.72	29	5	ND	3	15	1	2	4	129	.27	.11	14	137	2.03	54	.13	3	2.43	.01	.03	2	5
76908	5	34	22	104	1.4	34	16	2423	6.71	67	5	ND	2	10	1	2	2	111	.05	.13	20	98	1.09	143	.06	9	2.94	.01	.04	2	15
76909	1	40	16	101	.7	53	14	663	5.15	22	5	ND	2	12	1	2	2	110	.10	.06	11	113	1.61	65	.07	2	2.23	.01	.02	2	20
76910	1	54	11	116	1.1	73	19	1111	5.93	41	5	ND	4	15	1	2	5	132	.22	.12	14	133	1.95	73	.12	5	2.61	.01	.04	2	30
76911	1	47	16	93	.8	74	18	1226	7.34	32	5	ND	2	18	1	2	3	207	.13	.12	16	172	1.73	93	.15	4	2.87	.01	.02	2	100
76912	1	44	17	109	.5	47	15	1658	6.64	24	5	ND	2	15	1	2	4	166	.10	.13	15	132	1.26	121	.09	4	2.93	.01	.04	2	40
76913	1	34	26	93	.6	40	13	873	7.06	47	5	ND	2	11	1	3	3	135	.10	.14	15	99	1.26	81	.07	8	2.57	.01	.04	2	5
76914	1	21	10	49	.9	23	6	461	3.14	13	5	ND	2	13	1	2	2	87	.08	.14	11	87	.62	88	.04	5	1.81	.01	.04	2	5
76915	1	52	11	85	.6	53	18	1519	6.04	17	5	ND	2	15	1	2	4	152	.21	.15	12	112	1.59	71	.15	8	2.74	.01	.03	2	5
76916	1	40	15	98	.5	27	12	849	5.42	35	5	ND	2	12	1	2	3	116	.11	.10	14	62	1.32	63	.07	6	2.70	.01	.03	2	5
76917	1	32	14	90	.4	36	10	731	4.97	10	5	ND	2	14	1	2	2	106	.12	.09	14	85	1.19	87	.06	5	2.42	.01	.03	2	5
76918	1	33	10	93	.4	22	10	597	4.21	10	5	ND	4	17	1	2	2	80	.41	.16	15	32	1.20	92	.06	4	1.83	.01	.05	2	5
76919	2	46	34	95	1.2	31	11	1090	4.46	70	5	ND	3	13	1	2	2	127	.13	.18	12	54	1.14	105	.02	5	2.48	.01	.04	2	5
76920	1	26	15	81	.2	28	10	624	4.48	12	5	ND	2	20	1	5	2	76	.27	.08	14	48	1.20	260	.02	9	2.38	.01	.04	2	170
76921	1	21	19	70	.4	13	8	1440	4.88	10	5	ND	2	13	1	2	2	93	.10	.13	12	38	.56	91	.03	6	1.95	.01	.04	2	65
76922	1	15	15	53	.3	8	5	305	2.77	7	5	ND	2	35	1	2	2	73	.44	.08	9	25	.45	217	.03	2	1.75	.01	.04	2	310
76923	1	48	15	117	.4	58	14	775	5.97	16	5	ND	2	17	1	3	2	129	.15	.08	14	120	1.67	96	.09	6	2.54	.01	.03	2	5
76924	1	38	10	115	.3	56	12	596	4.30	13	5	ND	2	44	1	2	2	98	.54	.09	11	106	1.61	188	.07	2	2.39	.01	.03	2	5
76925	1	28	7	92	.5	23	11	517	3.87	12	5	ND	4	21	1	2	2	82	.42	.11	16	52	1.38	92	.08	3	1.60	.01	.04	2	5
76926	1	28	10	80	1.2	13	7	568	3.47	12	5	ND	2	16	1	3	2	48	.24	.15	20	26	.97	158	.01	6	2.00	.01	.05	2	35
76927	1	20	18	75	.3	14	10	1501	4.41	12	5	ND	2	11	1	2	2	60	.16	.11	14	23	.80	106	.01	6	1.95	.01	.06	2	5
76928	1	27	16	67	.5	9	7	1459	3.47	9	5	ND	2	45	1	2	2	42	1.06	.40	35	13	.74	295	.01	3	2.20	.01	.06	2	5
76929	2	20	29	98	.4	10	8	1464	4.66	10	5	ND	2	48	1	2	2	50	.65	.24	19	17	.63	190	.01	6	1.84	.01	.06	2	5
76930	2	40	17	124	.3	46	15	991	6.12	17	5	ND	3	35	1	2	3	108	.38	.08	11	83	1.54	130	.06	2	2.47	.01	.05	2	30
76931	1	41	17	98	1.0	28	10	544	4.09	17	5	ND	3	32	1	2	4	54	.52	.11	32	50	1.25	115	.05	3	2.07	.01	.05	2	40
76932	1	33	22	91	.2	35	13	1025	5.69	18	5	ND	2	9	1	2	5	91	.07	.09	11	75	1.25	78	.04	7	2.73	.01	.03	2	5
76933	1	48	16	128	.4	56	15	784	5.77	23	5	ND	2	15	1	2	6	111	.11	.06	11	101	1.81	89	.08	2	2.91	.01	.04	2	5
76934	1	37	13	98	.3	23	10	924	4.81	24	5	ND	2	14	1	2	4	121	.09	.12	12	64	.87	107	.05	3	2.31	.01	.05	2	65
76935	1	71	14	185	.2	45	17	1235	5.02	17	5	ND	2	20	1	2	6	102	.28	.13	16	74	1.81	139	.08	5	2.84	.01	.06	3	5
76936	1	75	19	181	.4	48	18	1201	5.48	24	5	ND	3	35	1	2	6	125	.43	.12	14	81	1.95	232	.09	2	3.06	.01	.06	2	5
76937	1	80	11	185	.4	49	18	1168	5.25	19	5	ND	3	23	1	2	6	118	.28	.13	12	81	1.87	118	.13	2	2.84	.01	.06	3	5
76938	2	76	25	154	.2	47	20	1263	6.86	29	5	ND	2	17	1	2	6	120	.24	.10	11	74	1.84	123	.09	2	3.56	.01	.05	2	100
76939	1	60	17	183	1.1	45	16	985	6.36	23	5	ND	2	15	1	2	7	134	.13	.11	9	90	1.64	100	.09	3	3.42	.01	.05	3	20
76940	3	118	45	150	5.8	51	25	2531	7.41	80	5	ND	2	21	1	2	7	131	.37	.17	18	105	2.07	120	.11	6	3.26	.01	.04	2	110
76941	2	68	14	127	1.2	30	14	792	4.51	25	5	ND	2	39	1	2	4	104	.82	.15	21	63	1.58	326	.05	5	2.79	.01	.05	2	50
76942	1	44	17	160	.2	30	15	1295	5.04	10	5	ND	3	27	1	2	3	98	.39	.12	10	52	1.45	227	.03	2	2.69	.01	.07	3	20
STD C/AU-0.5	19	58	39	124	7.0	69	27	1089	3.82	42	18	7	36	49	16	15	20	59	.44	.14	36	57	.88	181	.07	37	1.65	.05	.12	14	500

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76943	1	43	19	138	.3	33	13	1000	4.73	12	5	ND	2	22	1	2	2	99	.24	.10	16	53	1.37	150	.06	14	2.72	.01	.07	2	5
76944	1	33	19	89	.4	11	10	1395	4.33	10	5	ND	2	23	1	2	2	79	.43	.16	21	19	1.08	165	.05	11	1.77	.01	.07	2	5
76945	1	47	15	125	.4	26	12	950	4.14	6	5	ND	2	26	1	2	2	81	.36	.14	22	38	1.23	182	.06	11	2.23	.01	.08	2	5
76946	2	94	18	254	.5	55	21	1234	5.41	22	5	ND	2	28	2	2	2	123	.34	.10	19	83	2.19	171	.11	11	3.38	.01	.06	2	15
76947	3	72	16	207	.8	45	16	1039	5.08	23	5	ND	2	32	2	2	2	104	.43	.13	20	71	1.86	196	.07	8	3.26	.01	.06	4	5
76948	2	49	17	116	1.3	22	11	1308	3.73	13	5	ND	2	41	1	2	2	66	.58	.21	33	34	1.10	229	.03	7	2.27	.01	.08	2	40
76949	2	52	15	99	.6	17	13	1163	4.78	28	5	ND	2	24	1	2	2	108	.57	.14	18	37	1.41	144	.10	9	2.11	.01	.06	2	5
76950	2	31	58	84	1.9	13	10	1017	4.17	26	5	ND	2	36	1	2	2	59	.59	.15	26	24	1.06	222	.03	8	1.86	.01	.08	2	105
76951	2	67	18	152	.5	31	15	1221	4.43	15	5	ND	2	33	1	2	2	86	.59	.17	24	47	1.50	289	.06	10	2.48	.01	.08	2	10
76952	1	28	17	121	.1	18	13	1555	4.15	11	5	ND	2	15	1	2	2	75	.22	.14	16	30	1.26	146	.04	7	2.09	.01	.09	2	5
76953	2	42	20	105	.3	24	11	1075	4.43	25	5	ND	2	17	1	2	2	89	.23	.15	17	42	1.12	193	.04	9	2.40	.01	.06	2	20
76954	2	53	19	86	1.5	32	13	890	5.11	39	5	ND	2	23	1	2	2	135	.31	.09	18	62	1.21	186	.15	15	2.46	.01	.03	2	15
76955	1	56	12	119	.4	33	13	967	4.70	19	5	ND	2	22	1	2	2	126	.30	.11	15	72	1.39	149	.10	11	2.66	.01	.05	2	70
76956	2	31	13	112	.4	21	10	788	3.81	8	5	ND	2	25	1	2	2	76	.40	.13	22	35	1.13	236	.03	6	2.39	.01	.08	2	15
76957	1	60	8	55	1.0	11	6	447	2.15	12	5	ND	2	40	1	2	2	51	1.10	.16	36	25	.60	175	.02	9	1.46	.01	.04	2	30
76958	1	34	24	68	.5	18	11	975	4.31	20	5	ND	2	26	1	2	2	64	.56	.14	25	30	.93	373	.02	8	2.36	.01	.05	2	5
76959	1	11	5	21	.3	5	2	104	2.39	3	5	ND	2	7	1	2	2	47	.06	.07	10	34	.14	100	.01	3	1.38	.01	.05	2	5
76960	1	11	9	31	.3	4	5	1176	1.59	2	5	ND	2	39	1	2	6	25	.83	.29	14	9	.32	431	.01	3	1.45	.01	.05	2	5
76961	2	11	11	45	.2	5	6	971	2.31	4	5	ND	2	23	1	2	6	42	.44	.19	15	8	.33	724	.01	4	1.51	.01	.06	2	90
76962	1	7	9	47	.1	4	5	738	2.20	4	5	ND	2	8	1	2	5	30	.14	.15	8	5	.47	159	.01	2	1.43	.01	.07	2	25
76963	2	22	19	79	.9	13	8	746	3.73	20	5	ND	2	15	1	2	3	40	.24	.15	24	16	.74	216	.01	8	1.90	.01	.07	2	35
76964	2	37	30	98	.7	19	13	2835	4.25	22	5	ND	2	17	1	2	2	51	.19	.20	28	23	.90	251	.02	8	2.44	.01	.10	2	20
76965	1	43	5	20	.8	4	3	642	1.02	9	5	ND	2	37	1	2	2	33	1.67	.22	4	9	.24	79	.01	2	.82	.01	.03	2	5
76966 .	1	19	22	76	.2	12	9	1819	4.72	7	5	ND	2	13	1	2	2	71	.18	.11	16	23	.54	123	.02	7	2.12	.01	.07	2	5
76967	1	17	19	50	.2	7	6	539	3.59	13	5	ND	2	15	1	2	2	67	.27	.10	11	17	.55	136	.01	4	1.97	.01	.07	2	65
76968	2	23	9	56	.4	10	5	579	3.35	10	5	ND	2	13	1	4	2	36	.21	.12	29	17	.52	196	.03	6	2.18	.03	.07	2	15
76969	2	23	35	67	.7	6	11	2830	4.45	29	5	ND	2	11	1	2	2	51	.18	.18	17	14	.68	180	.01	10	1.91	.01	.08	2	135
76970	2	22	35	77	.7	9	13	2352	4.45	24	5	ND	2	9	1	2	2	46	.22	.13	21	15	.90	202	.02	6	1.82	.01	.09	2	35
76971	1	30	23	89	.4	13	11	1956	3.66	9	5	ND	2	12	1	2	2	55	.21	.14	19	20	.87	182	.02	4	2.05	.01	.10	2	85
76972	1	27	27	74	.8	10	10	1566	4.61	83	5	ND	2	8	1	2	2	48	.12	.17	18	20	.78	150	.02	11	1.82	.01	.07	2	125
76973	1	24	10	50	.2	9	5	493	2.98	9	5	ND	2	13	1	2	2	87	.10	.12	10	25	.51	59	.07	2	1.76	.01	.06	2	10
76974	1	15	11	67	.2	3	7	1141	2.17	49	5	ND	2	11	1	2	3	30	.28	.16	7	5	.27	128	.01	3	1.03	.01	.10	2	5
76975	2	18	24	97	.3	5	14	4203	4.55	23	5	ND	2	22	1	2	2	86	.62	.20	11	20	.31	201	.02	8	1.56	.01	.08	2	10
76976	3	62	47	78	3.5	3	11	1849	5.29	25	5	ND	2	26	1	2	2	32	.60	.12	52	4	.81	280	.03	9	1.66	.01	.12	2	940
76977	1	21	18	92	.3	12	12	1216	4.09	14	5	ND	2	23	1	2	2	63	.52	.11	15	21	1.35	122	.05	6	2.15	.01	.10	2	45
76978	2	14	31	55	.2	4	8	1959	4.00	18	5	ND	2	21	1	2	2	41	.50	.25	14	5	.46	360	.01	2	1.89	.01	.10	2	5
76979	2	20	16	56	.6	11	8	1324	3.32	11	5	ND	2	28	1	2	2	51	.83	.25	18	22	.73	345	.01	2	2.17	.01	.09	2	5
STD C/AU-0.5	18	57	39	123	6.5	69	27	1056	3.82	43	18	6	36	48	16	15	21	58	.44	.14	39	57	.88	177	.06	38	1.64	.05	.11	13	490

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76980	1	26	12	64	1.3	9	7	1111	2.68	10	5	ND	2	31	1	3	2	35	.95	.33	51	14	.72	435	.01	4	1.82	.01	.07	2	5
76981	1	12	12	53	.1	4	7	1642	1.98	7	5	ND	2	25	1	2	2	27	1.00	.22	37	4	.59	1000	.01	3	1.45	.01	.07	2	5
76982	1	54	27	70	3.0	4	10	1389	3.61	27	5	2	2	15	1	3	4	26	.49	.15	24	6	.75	271	.05	8	1.22	.01	.09	2	2260
76983	1	50	9	72	.7	11	8	1079	3.15	15	5	ND	2	48	1	2	2	80	1.17	.42	14	33	.89	150	.02	5	2.32	.01	.07	2	15
76984	1	27	113	56	10.1	8	6	938	3.43	43	5	ND	2	26	1	2	4	59	.10	.13	7	24	.49	162	.03	5	2.21	.01	.05	2	20
76985	1	43	122	71	10.6	13	9	1315	4.39	66	5	ND	2	31	1	2	2	82	.11	.12	12	36	.77	158	.07	5	2.83	.01	.05	2	290
76986	1	69	65	82	7.0	19	13	1338	4.93	85	5	ND	2	63	1	2	2	97	.49	.08	11	50	1.39	111	.14	6	3.19	.01	.05	2	460
76987	1	29	16	96	1.7	15	11	1079	3.87	16	5	ND	2	19	1	5	2	63	.38	.11	11	25	1.43	159	.08	6	2.20	.01	.06	2	90
76988	1	39	15	96	1.6	15	13	1382	4.52	14	5	ND	2	18	1	2	2	72	.34	.13	6	28	1.41	106	.07	6	2.48	.01	.06	2	215
76989	1	37	17	96	1.5	16	13	1968	4.81	12	5	ND	2	20	1	2	2	87	.35	.14	10	30	1.37	187	.07	5	2.65	.01	.07	2	70
76990	1	50	18	76	.2	29	13	769	4.49	20	5	ND	2	17	1	2	2	87	.20	.07	9	52	1.34	111	.05	9	2.68	.01	.04	2	35
76991	1	68	16	80	.3	34	15	938	4.59	28	5	ND	2	26	1	2	2	89	.38	.07	11	60	1.57	115	.10	5	2.59	.01	.04	2	20
76992	1	45	21	74	.3	19	12	955	4.50	20	5	ND	2	17	1	2	3	67	.35	.10	10	31	1.16	118	.04	7	2.16	.01	.05	2	80
76993	4	39	39	66	.4	17	10	773	5.82	46	5	ND	2	15	1	2	3	101	.11	.11	6	38	.97	129	.06	8	2.83	.01	.04	2	240
76994	4	51	47	72	.7	16	12	878	6.13	50	5	ND	2	13	1	2	2	80	.19	.12	6	34	1.07	93	.07	9	2.58	.01	.04	2	1900
76995	4	55	53	77	.9	14	14	1059	6.53	53	5	ND	2	15	1	2	2	65	.29	.15	8	25	1.04	97	.06	7	2.43	.01	.05	2	3220
76996	6	21	55	63	.5	7	13	3225	5.86	83	5	ND	2	12	1	2	2	41	.21	.14	13	17	.67	217	.01	6	2.03	.01	.06	2	290
76997	2	18	28	51	1.5	9	12	4813	4.08	17	5	2	2	15	1	2	3	48	.20	.22	10	22	.47	392	.01	7	1.94	.01	.05	2	610
76998	20	21	69	57	.8	6	13	3818	7.94	216	5	ND	2	11	1	2	2	38	.18	.13	9	14	.58	196	.01	5	1.85	.01	.05	2	715
76999	1	40	20	83	1.5	13	12	2623	4.93	18	5	ND	2	11	1	2	5	45	.17	.14	19	18	1.02	249	.01	3	2.31	.01	.06	2	650
STD C/AU-0.5	21	59	40	125	7.5	70	27	1101	3.82	40	18	7	35	49	18	15	22	59	.44	.16	38	58	.88	182	.07	39	1.65	.06	.14	12	490

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 4 1984 DATE REPORT MAILED: Sept 8/84 ASSAYER ......DEAN TOYE. CERTIFIED [illegible] ASSAYER

NEWMONT EXPLORATION PROJECT # 315 FILE # 84 2461

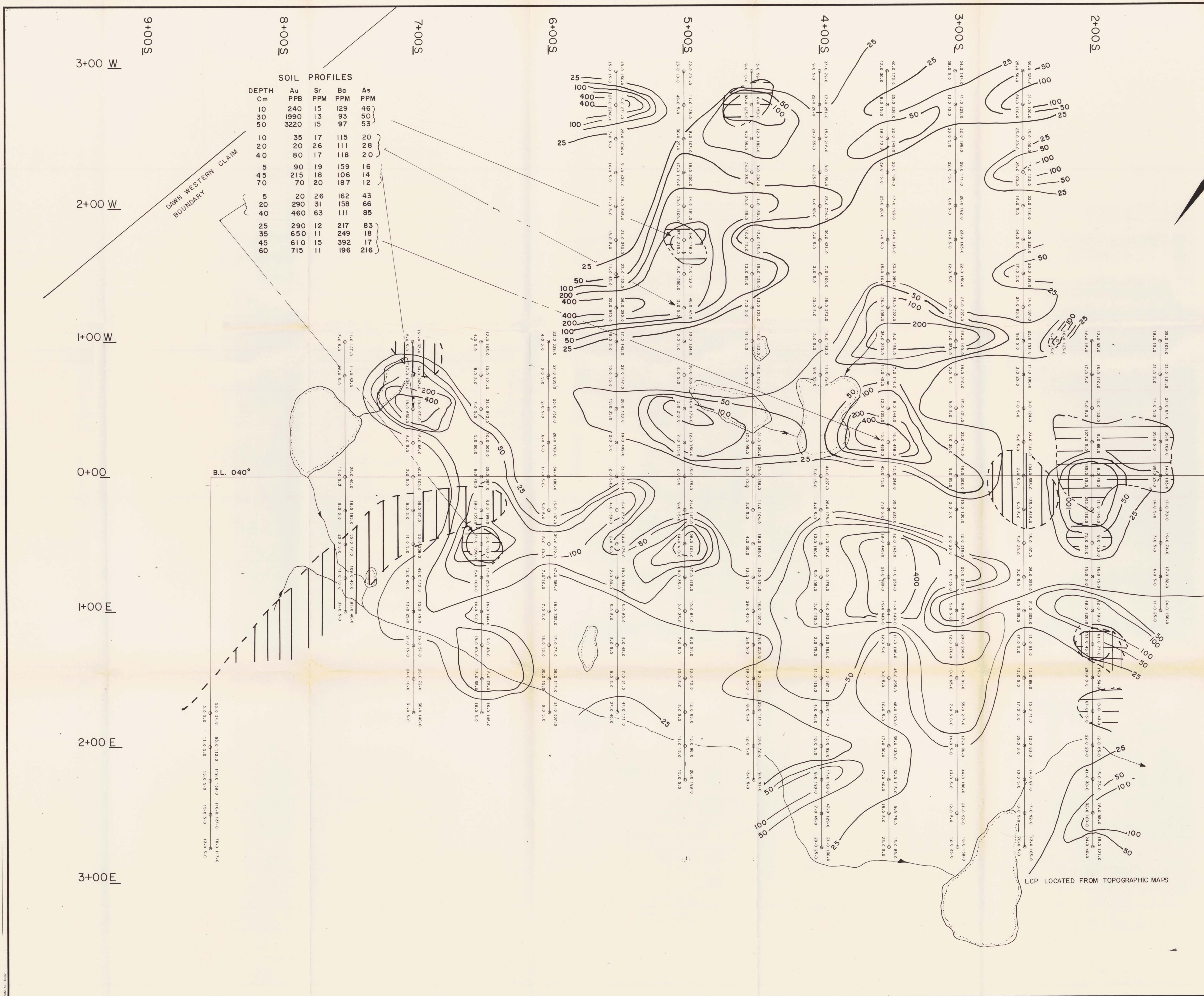
SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
R-08401	1	47	39	79	3.5	4	4	579	1.37	11	5	ND	4	29	1	2	2	17	.56	.08	8	8	.30	145	.04	5	.76	.02	.17	4	80
R-08402	1	9	5	103	.4	2	3	651	1.49	3	5	ND	4	26	1	2	2	15	.49	.09	6	5	.42	101	.07	9	1.03	.01	.22	4	5
R-08403	1	10	7	59	.2	3	4	546	1.58	2	5	ND	5	18	1	2	2	19	.35	.08	8	7	.37	100	.07	9	.97	.02	.22	4	5
R-08404	1	17	19	79	.4	4	3	581	1.53	4	5	ND	5	21	1	2	2	17	.39	.08	7	5	.39	105	.07	9	1.03	.02	.23	4	5
R-08405	1	16	50	15	.8	1	1	51	.25	11	8	ND	3	70	1	2	2	8	.35	.06	4	8	.02	1380	.01	3	.90	.01	.02	4	5
R-08406	4	4	8	27	1.1	5	2	84	1.37	37	5	ND	2	3	1	2	2	15	.03	.05	2	9	.21	58	.01	5	.62	.01	.20	5	5
R-08407	4	7	7	18	1.4	4	2	104	1.38	42	5	ND	2	3	1	2	2	16	.03	.05	2	7	.25	53	.01	9	.72	.01	.20	3	5
R-08408	2	3	6	23	1.0	8	3	100	1.59	39	5	ND	2	3	1	2	2	17	.04	.05	2	6	.30	60	.01	8	.77	.01	.19	3	5
R-08409	3	7	7	18	1.0	7	2	111	1.27	36	5	ND	2	4	1	2	2	17	.12	.05	2	10	.30	52	.01	5	.65	.01	.15	3	5
R-08410	2	4	6	23	.9	7	3	105	1.75	50	5	ND	2	2	1	2	2	17	.02	.05	3	7	.34	36	.01	8	.83	.01	.16	3	5
R-08411	4	6	7	18	1.1	6	2	113	1.76	49	5	ND	3	3	1	2	2	17	.03	.05	3	1	.31	64	.01	2	.76	.01	.18	2	5
R-08412	4	6	4	12	.6	1	2	85	1.11	31	5	ND	2	3	1	2	2	12	.02	.04	2	5	.22	70	.01	2	.55	.01	.17	2	5
R-08413	3	6	6	29	1.0	9	3	161	1.84	49	6	ND	3	3	1	2	2	20	.03	.04	2	7	.53	117	.01	3	.87	.01	.14	4	5
R-08414	2	6	5	22	.9	6	2	149	1.56	45	5	ND	2	2	1	2	2	16	.03	.04	2	6	.44	38	.01	2	.75	.01	.14	3	5
R-08415	5	5	10	29	1.0	6	2	154	2.09	71	5	ND	5	2	1	2	2	21	.02	.06	3	6	.50	40	.01	4	.98	.01	.19	3	5
R-08416	2	4	4	21	.7	6	3	109	1.83	39	5	ND	3	3	1	2	2	21	.02	.06	3	6	.29	53	.01	4	.84	.01	.22	3	5
R-08418	1	3	6	13	.5	3	1	75	.79	29	5	ND	3	3	1	2	2	10	.02	.03	2	1	.20	56	.01	5	.48	.01	.13	2	5
R-08419	3	6	6	30	1.1	8	3	180	2.05	58	5	ND	3	2	1	2	2	25	.03	.06	2	3	.69	32	.01	12	1.06	.01	.17	2	5
R-08420	2	5	7	26	.8	5	2	153	1.31	40	5	ND	2	4	1	2	2	18	.04	.04	2	3	.49	54	.01	9	.77	.01	.13	2	5
R;08J21	4	9	9	23	.7	6	2	147	1.42	45	5	ND	2	3	1	2	2	20	.04	.04	2	2	.55	60	.01	5	.79	.01	.13	2	55
R-08422	3	10	7	34	1.0	8	5	295	1.79	59	5	ND	2	8	1	2	3	22	.23	.04	2	3	.70	63	.01	2	.99	.01	.13	2	50
R-08423	3	9	4	20	.7	7	3	161	1.06	39	5	ND	2	4	1	2	2	11	.11	.03	2	16	.25	115	.01	4	.43	.01	.08	2	5
R-08424	3	18	6	25	.7	5	3	162	1.46	45	5	ND	2	2	1	2	2	20	.03	.03	2	24	.34	30	.01	6	.61	.01	.08	2	35
R-08425	4	15	5	26	.6	8	3	148	1.30	43	5	ND	2	4	1	2	2	21	.03	.03	2	25	.40	131	.02	2	.57	.01	.06	2	40
R-08426	3	11	4	22	.7	4	2	137	1.37	56	5	ND	3	3	1	2	2	20	.02	.03	2	26	.37	35	.01	2	.54	.01	.09	2	5
R-08427	2	18	4	38	1.0	11	5	542	1.22	53	5	ND	2	3	1	2	2	17	.20	.03	2	21	.44	32	.01	7	.60	.01	.07	2	5
R-08428	3	19	6	31	1.6	10	4	256	1.74	77	5	ND	2	7	1	2	2	26	.37	.03	2	39	.43	27	.02	2	.74	.01	.07	2	85
R-08429	3	16	6	30	1.1	12	3	244	1.56	72	5	ND	2	3	1	2	2	22	.04	.03	2	32	.51	48	.01	8	.64	.01	.08	2	155
R-08430	4	8	4	18	.7	5	2	139	1.09	50	5	ND	2	3	1	2	2	16	.05	.03	2	17	.27	72	.02	6	.43	.01	.08	2	90
R-08431	4	14	8	30	1.4	10	4	184	1.86	69	5	ND	2	3	1	2	2	29	.03	.03	2	26	.56	41	.01	5	.73	.01	.07	2	80
R-08432	5	13	9	37	1.7	16	6	298	2.10	77	5	ND	2	3	1	2	2	36	.08	.03	2	83	.67	31	.01	7	.96	.01	.08	2	105
R-08433	6	23	10	47	2.3	21	7	458	2.25	97	5	ND	2	5	1	2	2	40	.23	.03	2	74	.92	27	.02	2	1.04	.01	.07	2	55
R-08434	17	10	12	35	1.7	14	4	308	1.69	73	5	ND	2	5	1	2	2	28	.20	.03	2	47	.55	41	.01	6	.71	.01	.09	2	60
R-08435	8	17	10	60	3.2	27	7	414	2.57	84	5	2	3	4	1	2	3	48	.10	.04	2	78	1.11	43	.01	2	1.30	.01	.08	2	1410
R-08436	7	24	11	36	2.9	37	7	332	2.02	99	5	ND	2	7	1	2	2	32	.15	.02	2	94	.74	116	.01	5	.79	.01	.05	2	1670
R-08437	10	33	13	81	2.6	78	15	631	3.63	94	5	ND	3	9	1	2	2	76	.40	.03	2	180	1.62	25	.01	6	1.83	.01	.05	2	215
R-08438	19	31	18	50	3.3	30	7	407	2.71	118	5	ND	2	10	1	2	2	47	.33	.03	2	82	1.05	246	.01	2	1.18	.01	.07	2	410
STD C/AU-0.5	22	59	40	124	7.8	70	28	1062	3.82	41	21	8	39	49	18	17	21	59	.44	.13	38	58	.88	180	.06	39	1.72	.07	.12	15	500

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
R-08439	20	25	128	44	26.5	1	3	133	2.38	92	5	ND	3	12	1	4	3	9	.09	.09	6	3	.11	356	.05	5	.53	.02	.25	2	305
R-08440	30	12	126	36	12.4	1	3	105	1.98	94	5	ND	2	8	1	4	2	8	.09	.09	5	1	.10	335	.07	3	.48	.01	.22	2	240
R-08441	24	15	71	123	9.7	2	5	270	2.27	85	5	ND	3	13	3	3	5	10	.25	.10	7	3	.20	295	.08	2	.70	.02	.24	3	110
R-08442	9	8	43	61	6.2	1	4	301	2.48	83	5	ND	2	11	1	2	6	10	.19	.11	7	2	.23	306	.07	6	.72	.02	.24	2	100
R-08443	23	9	81	23	9.2	1	3	119	2.19	73	5	ND	3	10	1	2	3	8	.08	.08	4	2	.08	590	.08	8	.43	.02	.19	2	210
R-08444	15	13	369	280	81.3	1	4	291	2.32	78	5	ND	2	7	5	2	2	10	.12	.09	6	1	.28	248	.07	4	.80	.02	.20	2	795
R-08445	4	11	55	87	7.4	4	6	743	2.45	33	5	ND	2	14	1	2	2	16	.98	.10	8	4	.48	307	.08	5	1.14	.03	.25	3	120
R-08446	3	8	28	48	6.3	1	5	400	2.12	76	5	ND	3	9	1	2	4	11	.32	.10	5	1	.33	358	.09	3	.85	.02	.22	2	325
R-08447	3	11	19	67	3.6	1	6	494	2.78	47	5	ND	3	9	1	2	7	19	.25	.11	6	2	.52	358	.10	6	1.11	.02	.21	2	110
R-08448	12	12	24	44	3.9	1	4	302	2.01	61	5	ND	3	6	1	2	4	11	.17	.10	5	2	.33	328	.09	4	.80	.02	.20	2	140
R-08449	12	14	26	39	4.9	2	4	334	2.05	88	5	ND	2	8	1	2	5	11	.20	.10	6	2	.30	323	.08	4	.76	.02	.21	2	155
R-08450	7	13	19	42	6.6	1	4	309	2.01	68	5	ND	2	7	1	2	2	10	.16	.10	4	1	.33	317	09	2	.80	.02	.20	2	250
R-08451	2	9	11	45	.7	3	4	485	2 21	6	5	ND	2	10	1	2	2	11	.47	.06	5	5	.20	87	.05	5	.47	.03	.09	2	5
R-08452	2	6	12	38	.9	1	4	375	2.72	8	5	ND	3	8	1	2	7	17	.13	.10	6	4	.41	298	.10	8	.52	.10	.03	2	10
R-08453	4	6	13	41	1.8	1	4	331	1.57	6	5	ND	2	4	1	2	2	6	.06	.04	4	5	.13	132	.03	5	.32	.02	.08	2	5
R-08454	3	3	9	26	.6	1	3	384	1.75	6	5	ND	3	9	1	2	2	7	.42	.06	5	2	.17	89	.01	4	.42	.02	.10	2	5
R-08455	3	6	14	42	.7	1	4	430	2.77	8	5	ND	2	10	1	2	2	14	.31	.09	7	3	.42	105	.01	6	.78	.03	.16	2	5
R-08456	4	5	13	38	1.8	1	3	464	1.55	3	5	ND	2	9	1	2	2	8	.64	.05	4	2	.22	79	.03	3	.39	.04	.06	2	10
R-08457	3	6	10	29	.7	2	2	315	1.40	2	5	ND	2	5	1	2	3	9	.16	.04	3	4	.22	67	.03	6	.38	.03	.07	2	5
R-08458	6	6	24	36	4.7	2	3	333	1.82	5	5	ND	3	5	1	2	2	9	.07	.06	5	2	.19	57	.02	2	.40	.03	.09	2	35
R-08459	4	8	12	42	1.7	2	4	567	2.17	5	5	ND	2	10	1	2	2	12	.32	.07	5	5	.32	42	.04	8	.43	.05	.07	2	5
R-08460	6	7	14	43	1.2	3	5	690	2.73	7	5	ND	3	8	1	2	2	11	.27	.09	7	1	.28	86	.03	5	.59	.03	.13	2	5
R-08461	7	7	16	57	1.9	1	6	724	2.77	7	5	ND	2	21	1	2	2	12	.96	.09	7	5	.31	81	.03	8	.50	.05	.09	2	5
R-08462	12	6	16	39	1.7	1	4	478	2.36	6	5	ND	3	18	1	2	2	12	.58	.07	6	3	.28	152	.04	2	.42	.05	.06	2	5
R-08463	7	8	18	42	1.6	3	5	512	2.54	8	5	ND	3	10	1	2	2	12	.20	.08	6	5	.29	137	.04	4	.48	.05	.09	2	5
R-08464	4	13	17	31	.8	1	4	716	2.09	28	5	ND	2	37	1	2	2	10	2.64	.06	7	4	.30	139	.04	2	.66	.01	.19	2	90
R-08465	1	37	11	63	.6	1	6	1164	2.21	9	5	ND	3	54	1	2	2	17	4.17	.08	7	3	.74	141	.04	2	1.22	.02	.23	2	290
R-08466	1	26	36	63	.7	1	5	1008	2.22	10	5	ND	4	35	1	5	2	19	3.02	.08	7	2	.65	154	.09	5	1.16	.02	.20	2	135
R-08467	6	15	37	67	1.0	2	5	443	1.92	23	5	ND	2	20	1	2	2	9	.96	.04	3	4	.31	198	.04	6	.55	.01	.14	2	210
R-08468	9	47	31	38	1.5	1	4	625	1.73	32	5	ND	2	26	1	2	2	9	1.63	.05	5	1	.26	240	.05	3	.53	.01	.16	2	160
R-08469	1	51	20	53	.8	2	6	1201	2.58	14	5	ND	3	48	1	2	2	15	3.99	.07	7	3	.51	86	.06	2	.92	.02	.21	2	130
R-08470	1	36	18	68	1.0	2	7	1187	2.69	15	5	ND	4	49	1	2	2	21	3.08	.08	8	4	.63	101	.08	3	1.06	.02	.20	2	320
R-08471	1	42	16	75	1.2	1	6	1081	2.17	23	5	ND	4	48	1	2	2	22	2.56	.09	8	6	.69	174	.11	2	1.20	.02	.24	2	5
R-08472	1	27	16	79	.8	1	6	1122	2.39	23	5	ND	4	46	1	2	3	22	2.22	.08	10	2	.79	213	.08	2	1.28	.02	.23	2	30
R-08473	1	21	9	70	.6	1	6	1079	2.20	24	5	ND	4	56	1	2	5	20	2.86	.08	9	3	.71	191	.10	5	1.22	.02	.25	2	15
R-08474	1	100	63	47	1.2	1	5	1282	1.88	20	5	ND	5	91	1	2	2	15	4.99	.07	9	1	.43	167	.09	4	.88	.02	.23	2	115
R-08475	5	33	42	38	1.7	3	5	1187	2.38	28	5	ND	4	66	1	2	2	14	4.48	.07	10	6	.33	109	.08	2	.77	.02	.21	2	220
STD C/AU-0.5	22	59	40	124	7.6	70	27	1058	3.82	40	21	8	38	49	20	17	22	59	.44	.13	39	58	.88	179	.06	41	1.72	.07	.12	15	500

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
R-08476	4	32	12	61	1.7	1	6	1356	3.30	42	5	ND	3	49	1	2	2	16	3.12	.08	10	5	.55	53	.08	7	1.04	.01	.20	2	65
R-08477	1	96	32	52	1.0	1	6	1170	2.65	17	5	ND	2	39	1	2	2	17	2.52	.08	9	2	.50	50	.08	5	.94	.01	.19	2	230
R-08478	1	40	16	55	1.1	2	6	1595	2.87	26	5	ND	2	47	1	2	2	18	3.18	.08	11	2	.52	43	.11	9	1.00	.01	.21	2	160
R-08479	1	39	16	66	1.5	2	6	1598	2.61	21	5	ND	2	58	1	2	2	18	3.79	.08	11	2	.67	119	.08	5	1.11	.01	.19	2	260
R-08480	1	32	12	64	1.3	1	6	1378	2.68	24	5	ND	2	72	1	2	2	18	3.66	.07	9	1	.63	124	.08	2	1.07	.01	.19	2	280
R-08481	1	45	19	58	1.2	2	7	1813	2.76	22	5	ND	2	93	1	2	2	18	6.31	.07	12	3	.55	106	.09	4	1.01	.01	.19	2	250
R-08482	1	62	12	54	1.2	1	6	1942	2.45	24	5	ND	2	92	1	2	2	17	6.39	.06	11	4	.49	119	.10	3	.92	.01	.18	2	100
R-08483	3	7	15	86	.4	1	5	604	3.15	11	5	ND	3	15	1	2	3	18	.27	.10	9	4	.80	286	.01	8	1.38	.02	.17	2	5
R-08484	3	9	19	89	.3	4	5	749	3.14	4	5	ND	3	20	1	2	2	21	.49	.09	8	5	.81	214	.01	3	1.45	.01	.16	2	5
R-08485	2	10	14	93	.5	1	6	949	3.14	8	5	ND	3	27	1	2	2	23	.77	.09	9	2	.91	271	.01	4	1.61	.02	.16	2	5
R-08486	8	8	14	60	.5	1	4	410	3.82	8	5	ND	4	12	1	2	3	23	.14	.10	6	4	.71	75	.09	4	1.06	.04	.10	2	5
R-08487	2	4	9	62	.2	1	6	715	3.32	3	5	ND	4	15	1	2	2	13	.59	.09	10	1	.61	49	.02	4	1.15	.02	.16	2	5
R-08488	1	8	13	68	.1	2	6	945	2.93	2	5	ND	2	34	1	3	2	15	1.40	.09	10	5	.69	104	.02	2	1.29	.02	.15	2	5
R-08489	2	11	10	73	.4	2	6	908	3.11	4	5	ND	3	27	1	13	2	21	1.01	.09	10	4	.79	184	.01	2	1.45	.02	.16	2	5
R-08490	5	7	17	38	1.0	3	4	456	2.92	9	5	ND	5	7	1	2	2	13	.11	.07	6	8	.38	198	.09	6	.51	.05	.06	2	5
STD C/AU 0.5	22	59	40	123	7.6	70	27	1118	3.82	45	5	8	40	49	17	17	24	58	.44	.13	37	57	.88	177	.06	32	1.72	.06	.13	14	515

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
76090	1	12	43	77	.5	5	7	1868	2.88	3	5	ND	2	99	1	2	2	44	.55	.11	8	7	.63	167	.04	2	1.91	.01	.13	2	40
76091	1	15	24	81	.3	18	5	524	2.79	4	5	ND	2	57	1	2	2	46	.36	.09	9	19	.58	112	.04	2	2.31	.01	.05	2	5
76092	1	7	17	40	.2	2	2	418	1.88	2	5	ND	2	123	1	2	2	30	.13	.10	4	5	.14	169	.01	2	1.52	.01	.09	2	5
76093	1	10	25	53	.3	4	3	637	2.56	2	5	ND	2	54	1	2	2	38	.12	.10	7	8	.21	162	.03	3	1.39	.01	.10	2	5
76094	1	13	27	63	.3	2	5	1401	2.80	10	5	ND	5	59	1	2	2	31	.97	.28	29	3	.32	77	.09	2	1.04	.01	.17	2	5
76500	1	38	30	84	.1	40	12	961	5.22	12	5	ND	2	52	1	2	2	126	.28	.13	8	75	1.22	236	.06	4	2.34	.01	.04	2	160
76501	1	42	11	62	.3	29	11	969	4.89	3	5	ND	2	32	1	2	2	142	.29	.19	6	86	.98	161	.06	5	2.43	.01	.03	2	5
76502	1	36	20	62	.2	26	12	1649	4.49	8	5	ND	2	24	1	2	2	125	.20	.20	7	57	.87	278	.03	4	2.17	.01	.04	2	5
76503	1	39	18	71	.2	31	18	3468	4.00	3	5	ND	2	32	1	2	2	106	.34	.32	6	84	1.10	263	.02	5	2.14	.01	.05	2	5
76504	1	28	14	54	.3	26	8	781	4.09	8	5	ND	2	25	1	2	2	105	.20	.12	8	58	.88	178	.05	4	1.84	.01	.04	2	5
76505	1	73	13	80	.5	83	18	851	5.44	8	5	ND	3	22	1	2	2	127	.34	.09	8	141	2.24	99	.11	4	2.61	.01	.03	2	5
76506	1	39	11	62	.4	34	15	1981	4.30	53	5	ND	2	36	1	2	2	91	1.90	.22	3	85	1.84	89	.04	5	1.86	.01	.03	2	5
76507	2	53	15	87	.1	138	22	1220	5.97	9	5	ND	2	14	1	2	2	172	.17	.15	5	266	2.78	68	.10	4	2.75	.01	.02	2	5
76508	1	79	22	94	.4	65	22	1170	6.43	85	5	ND	2	18	1	2	2	141	.37	.10	5	132	2.17	73	.07	3	2.79	.01	.04	2	5
76509	1	55	12	65	.7	41	14	907	4.75	10	5	ND	2	25	1	2	2	120	.38	.12	6	96	1.44	103	.08	4	2.28	.01	.04	2	5
76510	1	28	11	67	.2	21	8	671	3.56	6	5	ND	2	33	1	2	2	95	.31	.19	6	64	.69	140	.04	5	1.51	.01	.05	2	5
76511	1	27	14	70	.1	25	9	1082	4.83	8	5	ND	2	20	1	2	2	112	.17	.15	8	70	.77	210	.06	3	2.37	.01	.04	2	5
76512	1	20	14	55	.2	13	8	1591	3.38	8	5	ND	2	23	1	2	2	84	.14	.22	7	54	.59	217	.02	3	1.68	.01	.04	2	5
76513	1	34	9	81	.2	44	12	1003	4.95	6	5	ND	2	22	1	2	2	119	.20	.14	7	104	1.21	170	.08	3	2.08	.01	.04	2	5
76514	1	46	12	69	.1	92	19	1294	5.36	7	5	ND	2	31	1	2	2	142	.52	.16	7	158	2.10	122	.08	4	2.23	.01	.03	2	5
76515	1	46	11	71	.1	37	10	877	5.23	7	5	ND	2	19	1	2	2	115	.31	.14	11	104	1.03	82	.06	3	2.12	.01	.04	2	5
76516	1	55	11	65	.4	33	24	4762	5.54	15	5	ND	2	44	1	2	2	171	1.28	.25	8	121	1.47	182	.05	2	2.25	.01	.03	2	5
76517	1	45	16	50	.3	31	10	1067	4.02	21	5	ND	2	30	1	2	2	118	1.10	.20	10	98	.86	118	.03	3	2.08	.01	.03	2	5
76518	1	78	18	75	.5	47	14	1575	5.08	21	5	ND	2	27	1	2	2	112	.39	.16	12	91	1.48	253	.04	4	3.00	.01	.07	2	35
76519	1	36	13	60	.5	29	16	3634	4.64	3	5	ND	2	20	1	2	2	160	.20	.18	8	101	.94	178	.06	3	1.84	.01	.05	2	5
76520	1	16	7	42	1.1	7	4	876	2.15	2	5	ND	2	21	1	2	2	45	.21	.37	9	26	.35	131	.01	4	1.73	.01	.05	2	5
76521	1	13	13	42	.5	5	8	1887	2.10	4	5	ND	2	30	1	2	2	38	.39	.39	9	13	.53	288	.01	3	1.39	.01	.05	2	5
76522	1	54	13	88	.1	105	25	1920	6.15	6	5	ND	2	37	1	2	2	143	.45	.18	6	238	2.59	154	.08	5	2.48	.01	.02	2	5
76523	1	43	10	56	.3	43	8	631	3.80	12	5	ND	2	23	1	3	2	101	.37	.23	13	133	.94	107	.03	2	1.92	.01	.04	2	5
76524	1	207	12	84	2.9	33	15	2756	4.78	37	5	ND	2	38	1	2	2	144	1.56	.31	33	129	1.60	82	.03	2	2.70	.01	.02	2	55
76525	1	228	11	55	2.0	27	13	3507	3.52	36	5	ND	2	54	1	2	2	95	2.39	.24	19	84	.81	112	.03	3	2.14	.01	.01	2	15
76526	1	72	10	83	.5	30	14	1646	3.89	16	5	ND	2	32	1	2	2	97	1.14	.17	9	78	1.14	104	.04	4	2.03	.01	.02	2	5
76527	1	49	8	87	.2	99	17	758	6.65	11	5	ND	2	24	1	2	2	182	.32	.16	4	162	2.13	136	.13	3	2.51	.01	.03	2	25
76528	1	43	11	77	.3	80	15	863	6.75	6	5	ND	2	17	1	2	2	198	.17	.15	6	173	1.73	82	.12	4	2.41	.01	.02	2	5
76529	1	63	12	92	.1	99	20	1061	5.52	7	5	ND	2	19	1	2	2	133	.36	.11	10	159	2.43	74	.13	5	2.67	.01	.01	2	5
76530	1	52	12	76	.2	81	17	964	5.57	14	5	ND	2	17	1	2	2	145	.20	.10	7	160	2.00	70	.12	3	2.74	.01	.02	2	5
76531	1	39	18	56	.6	34	16	1226	6.30	80	5	ND	3	14	1	2	2	204	.16	.10	5	132	1.08	103	.07	2	2.13	.01	.03	2	25
STD C/AU-0.5	20	58	40	123	7.0	69	27	1069	3.82	40	19	7	39	49	18	16	21	58	.44	.14	40	57	.88	176	.06	41	1.65	.06	.12	14	490


ROCK SLOPE EXPOSURE AND BLOCKY TALUS
HILLS AND KNOLLS IN FELSENMEER
50% O/C & S/C
FELSENMEER SLOPE
10% S/C
LEGEND
o/c boundary
geological contact measured
geological contact presumed
gossan
talus boundary
boulder, float
bedding
joints inclined, vertical
vein inclined, vertical, unknown
fault
thrust fault
shear zone
gully
creek
lake
rock chip sample zone
TOODOGGONE
8 LAHAR
7 VOLCANIC BRECCIA
7a GOSSANOUS SILICIC ALTERATION
HAZELTON
6 LAHAR
5 SANDSTONE-LAMINATE SILTSTONE SEQUENCE (MINOR CONGLOMERATE)
5a PREDOMINATELY LAMINATED SILTSTONE
TAKLA
4 LITHIC TUFF
3 VOLCANIC BRECCIA
2 PYROXENE FELDSPAR PORPHYRITIC ANDESITE
2a GOSSANOUS SILICIC ALTERATION
1 PYROXENE PORPHYRITIC ANDESITE
DAWN WESTERN CLAIM BOUNDARY
General trend 135°/57°SW
ZONE 4
ROCK CHIP SAMPLES
gossanous silicic alteration
1-5% diss pyrite
original fragmental texture is preserved.
ZONE 2
ROCK CHIP SAMPLES
ZONE 3
ROCK CHIP SAMPLES
Gossanous silicic alteration
1-3% diss. pyrite
ZONE 5
ROCK CHIP SAMPLES
gossanous silicic alteration
1-5% disseminated pyrite
ZONE 6
ROCK CHIP SAMPLES
Gray 1.5m x 25m qtz vein
concentrations of 1-5% galena
and malachite
ZONE 7
ROCK CHIP SAMPLES
1m x 3m qtz carb vein
minor (1%) mal, gal mineralization
25 ppb Au, 0.14 oz Ag, 0.32% Pb, 0.32% Zn
15 ppb Au, 0.22 oz Ag, 0.38% Pb, 0.40% Zn
10 ppb Au, 0.08 oz Ag, 0.25% Pb, 0.18% Zn
ZONE 1
ROCK CHIP SAMPLES
gossanous silic alt.
1-3% diss. pyrite
minor 'wormy' qtz stringers
* Note: Rock chip samples
5, 0.7 (Au (ppb), Ag (ppm))
BL az 040
2250 METRES TO LCP
SNOW
BLOCKY TALUS
LAKE
CLIFF
CAMP
meadow
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,273
SCALE
100 50 0 100
meters
NEWMONT EXPLORATION OF CANADA LIMITED
DAWN PROPERTY
GEOLOGY
TOODOGGONE PROJECT
SCALE: 1:1000
LOCATION: NTS 94E
DATE: OCTOBER 1984
SURVEY BY: T. HANEL
DRAWN BY: I. CASIDY
NUMBER: 3



SOIL PROFILES

DEPTH Cm	Au PPB	Sr PPM	Ba PPM	As PPM
10	240	15	129	46
30	1990	13	93	50
50	3220	15	97	53
10	35	17	115	20
20	20	26	111	28
40	80	17	118	20
5	90	19	159	16
45	215	18	106	14
70	70	20	187	12
5	20	26	162	43
20	290	31	158	66
40	460	63	111	85
25	290	12	217	83
35	650	11	249	18
45	610	15	392	17
60	715	11	196	216

LEGEND

10 25 Sr (PPM) Ba (PPM)
30 42 As (PPM) Au (PPB)

THRESHOLD VALUES DETERMINED BY- VISUAL INSPECTION

Au- CONTOURS AT 25, 50, 100, 200, 400 PPB

Sr - CONTOUR AT 50 PPM

As - CONTOUR AT 50 PPM

SAMPLE INTERVAL- 25 M

LINE SPACING- 50 M

SAMPLING MEDIUM- SOIL

HORIZON SAMPLED- B

SAMPLE DEPTH- 10-20 Cm.

SAMPLE METHOD- MATTOCK & TROWEL

SAMPLE PREPARATION- SAMPLE SIEVED TO -35 MESH THEN PULVERIZED

DIGESTION/ANALYSIS- 3:1:3 HNO_3 : HCL : H_2O AQUA REGIA
ANALYSIS DONE USING 30 ELEMENT INDUCTIVELY COUPLED PLASMA (I.C.P.) WITH GOLD IN THE METHYL ISOBUTYL KETONE EXTRACT BEING DETERMINED BY ATOMIC ABSORPTION

LAKE

CREEK

0 50 100 M

NEWMONT EXPLORATION OF CANADA LIMITED

TOODOGGONE SURVEY

DAWN PROPERTY

SOIL GEOCHEMISTRY Au(PPB), Sr, Ba, As (PPM)

OMINECA MINING DIVISION

SCALE: 1:1000	LOCATION: 94E 2E	DATE: DEC 1984
SURVEY BY: D.V.	DRAWN BY: D.V.	NUMBER: 4

8+00 S
7+00 S
6+00 S
5+00 S
4+00 S
3+00 S
2+00 S
1+00 S
0+00 S
3+00 W
2+00 W
1+00 W
0+00
1+00 E
2+00 E
3+00 E
B.L. 040°
DAWN WESTERN CLAIM BOUNDARY
2250 METERS TO LCP
SOIL PROFILES
DEPTH Cm | Cu PPM | Pb PPM | Zn PPM | Ag PPM
10 39 39 66 0.4
30 51 47 72 0.7
50 55 53 77 0.9
10 50 18 76 0.2
20 68 16 80 0.3
40 45 21 74 0.3
5 29 16 96 1.7
45 39 15 96 1.6
70 37 17 96 1.5
5 20 113 56 10.1
20 43 122 71 10.6
45 69 65 82 7.0
25 21 55 63 0.5
35 40 20 83 1.5
45 18 28 51 1.5
60 21 69 57 0.8
GEOLOGICAL BRANCH ASSESSMENT REPORT
13,273
LEGEND
16 35 Cu, Pb (PPM)
42 1.1 Zn, Ag (PPM)
THRESHOLD VALUES DETERMINED BY- VISUAL INSPECTION
Ag- CONTOURS AT 1,3,6,12 PPM
Zn- CONTOUR AT 100 PPM
Pb- CONTOUR AT 75 PPM
Cu- CONTOUR AT 50 PPM
SAMPLE INTERVAL- 25 M
LINE SPACING- 50 M
SAMPLING MEDIUM- SOIL
HORIZON SAMPLED- B
SAMPLE DEPTH - 10-20 Cm.
SAMPLE METHOD- MATTOCK & TROWEL
SAMPLE PREPARATION- SAMPLE SIEVED TO -35 MESH THEN PULVERIZED
DIGESTION/ANALYSIS- 3:1:3 HNO : HCL: H O AQUA REGIA
ANALYSIS DONE USING 30 ELEMENT INDUCTIVELY COUPLED PLASMA (I.C.P)
LAKE
CREEK
0 50 100 M
LCP LOCATED FROM TOPOGRAPHIC MAPS
NEWMONT EXPLORATION OF CANADA LIMITED
TOODOGGONE SURVEY
DAWN PROPERTY
SOIL GEOCHEMISTRY Cu, Pb, Zn, Ag (PPM)
OMINECA MINING DIVISION
SCALE: 1:1000
LOCATION: 94 E 2E
DATE: DEC 1984
SURVEY BY: D. V.
DRAWN BY: D.V.
NUMBER: 5

8+00S
7+00S
6+00S
5+00S
4+00S
3+00S
2+00S
1+00S
0+00S
3+00W
2+00W
1+00W
0+00
1+00E
2+00E
3+00E
B.L. 040°
DAWN WESTERN CLAIM BOUNDARY
SOIL PROFILES
DEPTH CM NUMBER
10 76993
30 76994
50 76995
10 76990
20 76991
40 76992
5 76987
45 76988
70 76989
5 76984
20 76985
40 76986
25 76996
35 76997
45 76998
60 76999
8464
8482
8439
8450
8451
8463
8411
8438
2250 METERS TO LCP
N
LEGEND
76798 SOIL SAMPLE
8413 ROC CHIP SAMPLE
8412
LAKE
CREEK
GEOLOGICAL BRANCH
ASSESSMENT REPORT
13,273
0
50
100 M
NEWMONT EXPLORATION OF CANADA LIMITED
TOODOGGONE SURVEY
DAWN PROPERTY
SAMPLE LOCATIONS
OMINECA MINING DIVISION
SCALE: 1 1000
LOCATION 94E 2E
DATE DEC 1984
SURVEY BY D.V.
DRAWN BY D.V
NUMBER 6