REPORT ON GEOLOGICAL MAPPING AND DRILLING PROGRAM WARD GROUP

GREENWOOD MINING DIVISION
BRITISH COLUMBIA

BY

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R.E. Gale and Associates Inc.

NTS 82E/7W

49° 28' N 118° 53' E

UTM 0362439E 5481264N

Work Paid For By
JONPOL EXPLORATIONS LTD.

Report Dated October 22, 2002

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SUMMARY

In Phase One of the 2002 program undertaken by Jonpol Explorations Ltd. Geological mapping and sampling in July 2002 was followed in August by trail building, trenching and drill site preparation utilizing a John Deere 790ELC track excavator. During September a drill contract for 1500 feet (460 metres) of NQ diamond drilling was negotiated with Bergeron Drilling of Greenwood.

Drilling began September 9th. and was completed September 26th. Lack of water near the drillsites meant that all water for drilling had to hauled by truck from Triple Lakes to the drill sites at the north and south ends of the property, a haul of up to 6 Kms. length.

Drill holes 1 through 6 were drilled in the South Zone on soil geochemical anomalies. The results of this drilling provided substantiation for the source of the gold and arsenic soil anomalies but proved that there was uneconomic grade mineralization at the sites drilled.

Holes 7 through 9 drilled in the North Zone on a VLF-EM anomaly and a surface showing of a gold-bearing vein and mineralized talus also failed to discover any gold mineralization of economic grade.

Some of the most promising targets for gold mineralization were tested in the Phase One drilling program with negative results but there remain several gold-bearing veins which have not been delineated at depth and along strike. These potential targets should be outlined by an IP survey and soil sampling to be followed by drilling if warranted.

The cost of this proposed Phase Two work is estimated to be $150,000 with $50,000 of the latter amount allotted to the IP work and soil sampling and $100,000 to 700 metres of NQ diamond drilling. This program of work should be planned for the 2003 field season starting in May.

(1.0) LOCATION - TOPOGRAPHY

The Ward Group of 108 claims is located about 20 kms east of the village of Beaverdell and 50 kms. north of the town of Rock Creek along the west side of the Kettle River. The area is easily accessible by an excellent paved highway, Highway No. 3 running for 32 kms north of Westbridge. A 4 km long gravel Forestry road, the 4th of July Creek road runs uphill west from the end of pavement to the claims area.

The claims lie within the Greenwood Mining Division, NTS 82E/7W, at an elevation of about 1000 to 1500 metres above sea level. UTM coordinates for the center of the claims at the LCPs for the Ward 1,2,3 and 4 claims is 0362439E 5481264N. The claims are shown on Ministry of Mines map M082E046.

The claims area is made up of a relatively flat plateau with several NNE – trending ridges running across it. Fir, pine and cedar are the predominant types of trees and much of the area has been logged leaving large clearcuts and a tangle of windfall and second growth scrub which makes traversing the area very difficult.

(2.0) CLAIMS

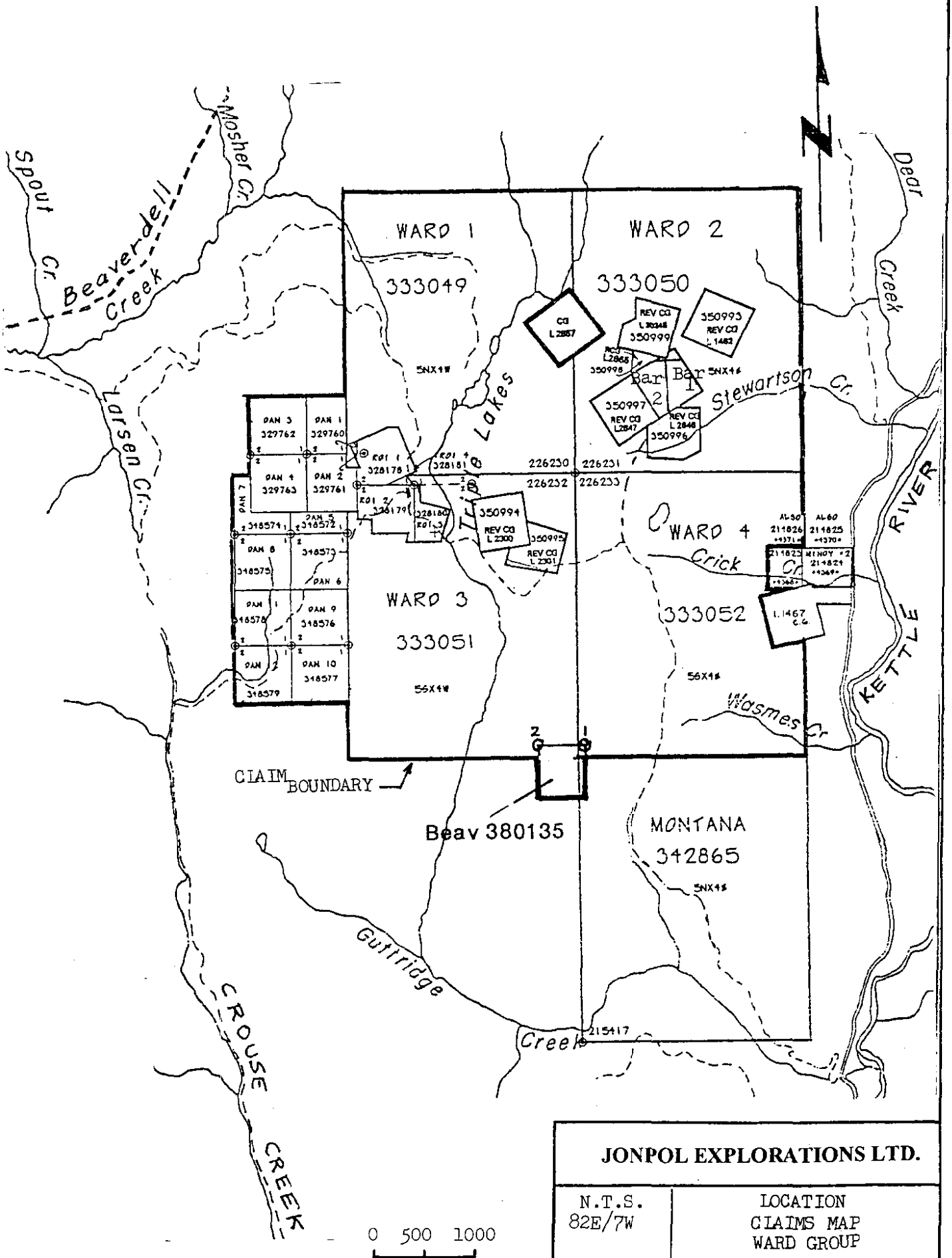
The owner of record of the ROI 1-4, Dan 1-12, Bar 1-2, Bea 1-2 and 7 Reverted Crown Grant claims is R.E. Gale. The owner of record of the Ward 1-4 claims is Phelps Dodge Corporation of Canada Ltd. The location of the claims is shown in Figure 1. Anniversary dates shown are after credit for the present work done in 2002.

Table 1

Claim Name	Units	Tenure No.	Anniversary Date
ROI 1-4	4	328178-81	July 18, 2005
Dan 1-4	4	329760-63	Aug. 9, 2005
Dan 5-8	4	348572-75	July 19,2005
Dan 9-12	4	348576-79	July 20,2005
Bar 1-2	2	356866-67	June 26,2006
Beav	1	380135	Aug. 29, 2006
Bea 1-2	2	394023-24	June 6, 2005
RCGs	3	350994-96	Sept. 30, 2005
RCGs	2	350998-99	Sept. 30, 2005
RCGs	2	350993&97	Sept. 30, 2006
Ward 1-4	80	333049-52	Dec. 8, 2005

(3.0) HISTORY

The Barnato, Mogul and several other old claims in the area were staked for gold in 1896-1898 and small gold ore shipments have been made over the years from a few claims including the Barnato in 1938, 84.9 tons grading 1.58 opt. and the Mogul, in the



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N.T.S. 82E/7W	LOCATION CLAIMS MAP WARD GROUP		
Scale 1 : 50,000	Date OCT/02	Approved	File No. FIGURE 1

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1930's up to 1940. Up to 1940 212 tonnes carrying a total of 9580 grams of gold and 5193 grams of silver is reported to have been produced from the Mogul claim.

Cominco did a 12 hole drilling program on the Barnato in 1938 and Amcana Gold Mines drilled some short holes here in 1962-66. No information is published on either drilling program. Camnor Resources completed a 5 hole 300 metre program in 1977 for which no data is published and Carmac Resources after becoming Operator on the claims in 1979 optioned the ground to Golden Seal Resources which drilled 200 metres in 4 percussion holes in 1986,(Assessment Report 14,952).

In 1989, 1990 and 1992 Carmac Resources carried out geological, geochemical surveys(Assessment Reports 19524,20122 and 22396) but reported no drilling during the latter work. In 1970, Dekalb Mining found a Cu-Mo soil geochemical anomaly on part of what is now the Ward 4 claim and are reported to have drilled 2 holes which found low grade gold values, but no published data is available on this drilling.(Assessment Report 2951). Petroquin Resources working in the same area in 1983(Assessment Report 11375) did no soil or rock sampling and did not report any gold values present here but Lucky 7 Exploration in 1989 working in the same area as Dekalb and Petroquin outlined a significant gold-arsenic in soils anomaly with the best value being 1000 ppb Au, 990 ppm As. There is no published evidence that Lucky 7 followed up on their discovery.

In 1994-95, Phelps Dodge Corporation carried out a program of mapping, rock sampling, soil sampling, induced polarization survey and diamond drilling in 3 holes totaling 468 metres (Assessment Report 23835)

In 1997-2000 after Emjay Enterprises Ltd. optioned all of the claims, the author was in charge of geological mapping, rock and soil sampling, an I.P. survey and backhoe trenching which resulted in the discovery of gold in bedrock in the same area as that soil sampled by Lucky 7 in 1989.

After optioning the claims from Emjay, Jonpol Explorations Ltd. contracted the author to carry out further mapping and sampling, extend the trenching and do 500 metres of diamond drilling during the year 2002. The results of the latter program are the subject of this report.

(4.0) REGIONAL GEOLOGY

(4.1) Rock Types

Figure 2 shows the Regional Geology of the area as taken from GSC Maps 15-1961 and 6-1957 covering the Beaverdell area eastward to the Ward claims. The rock types noted on Figure 2 are as follows:

Unit 1

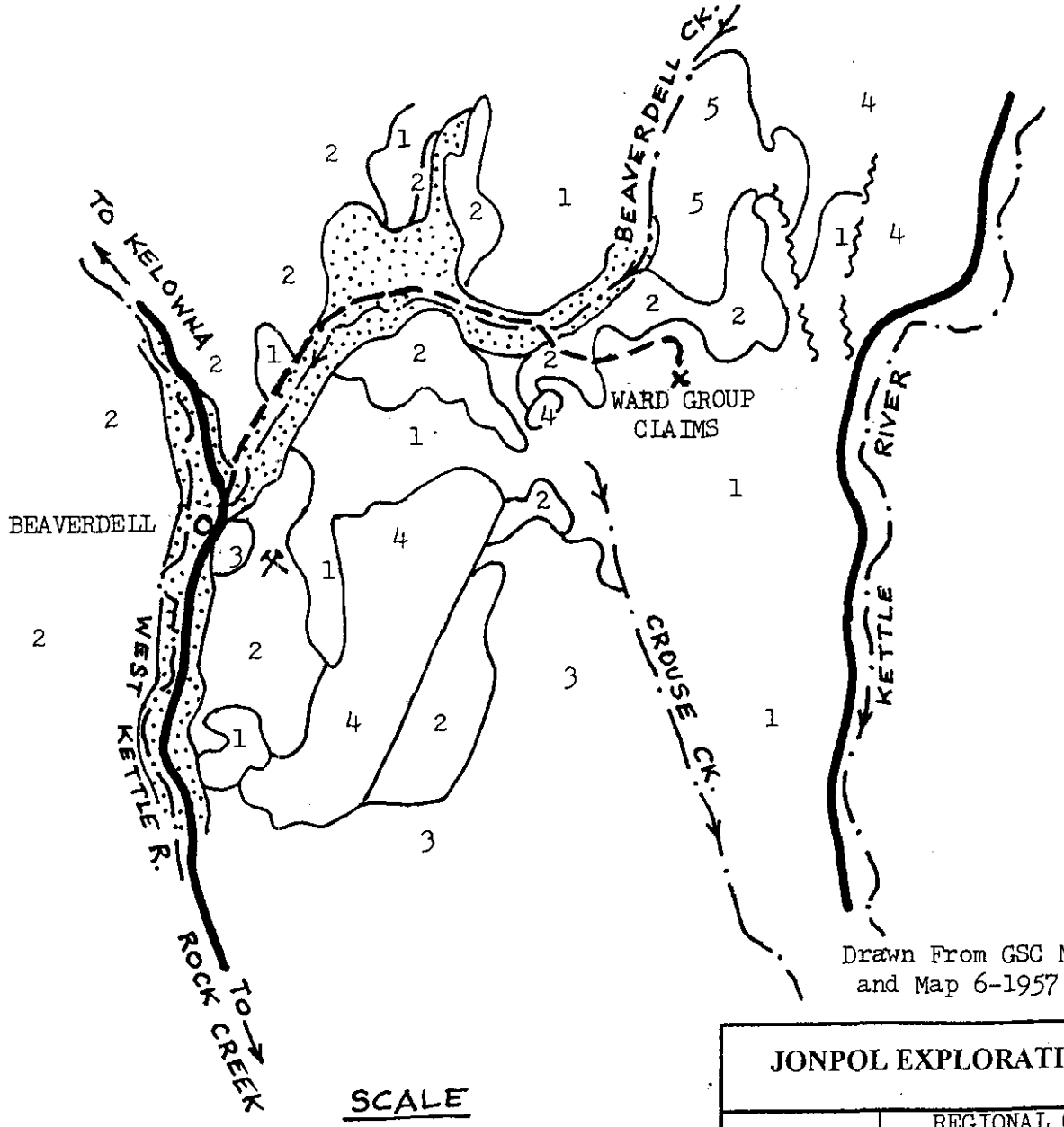
These are the oldest rocks in the map area and are part of what has been termed the Anarchist Group of probable Carboniferous-Permian age. They are the most common

LEGEND

RECENT	Alluvium
5	PALEOCENE-EOCENE	Coryell Intrusions - Syenite
4	PALEOCENE-EOCENE	Congl. Ss. Shale Tuff
3	CRETACEOUS ?	Valhalla Intrusions - Granite
2	CRETACEOUS ?	Nelson Intrusions - Granodiorite, Quartz Diorite
1	PERMIAN ?	Anarchist Gp. - Greenstone, Greywacke, Qtzt. Lms.

HIGHLAND BELL MINE

FAULT



Drawn From GSC Map 15-1961 and Map 6-1957

SCALE

0 4 MI.

0 5 KMS.

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N.T.S. 82E /7W	REGIONAL GEOLOGY AND CLAIM LOCATIONS WARD GROUP

Scale	Date	Approved	File No.
	OCT/02		Figure 2

rocks in the area of the Ward claims and include greenstone greywacke, quartzite and minor limestone which are often strongly folded, faulted and metamorphosed to hornfels. Although the use of the term Anarchist Group is presently not recommended, there is no recent regional mapping which allows correlation of the rocks in the map area to those to the east in the Greenwood area where newer subdivisions of these rocks have been made so that the old terminology still must be used here.

Unit 2

The Anarchist rocks are intruded by stocks, dykes and sills of the Nelson Batholith of Cretaceous age which are principally granodiorite and quartz diorite in the map area. Both types of intrusive rocks occur within the Ward claims area. The most common intrusive rocks on the claims, diorite may be of this age but some diorite could be older and part of the Anarchist Group rocks.

Unit 3

Valhalla granitic to syenitic intrusions which are younger than the Nelson intrusions but probably also of Cretaceous age occur in the southern part of the map shown in Figure 2 but do not apparently occur within or close to the Ward claims.

Unit 4

Tertiary rocks of Unit 4 consist of sedimentary and volcanic rocks and are in fault contact with older rocks, probably as down-faulted blocks, to the northeast of the Ward claims near the Kettle Valley. These rocks apparently do not occur on the Ward claims.

Unit 5

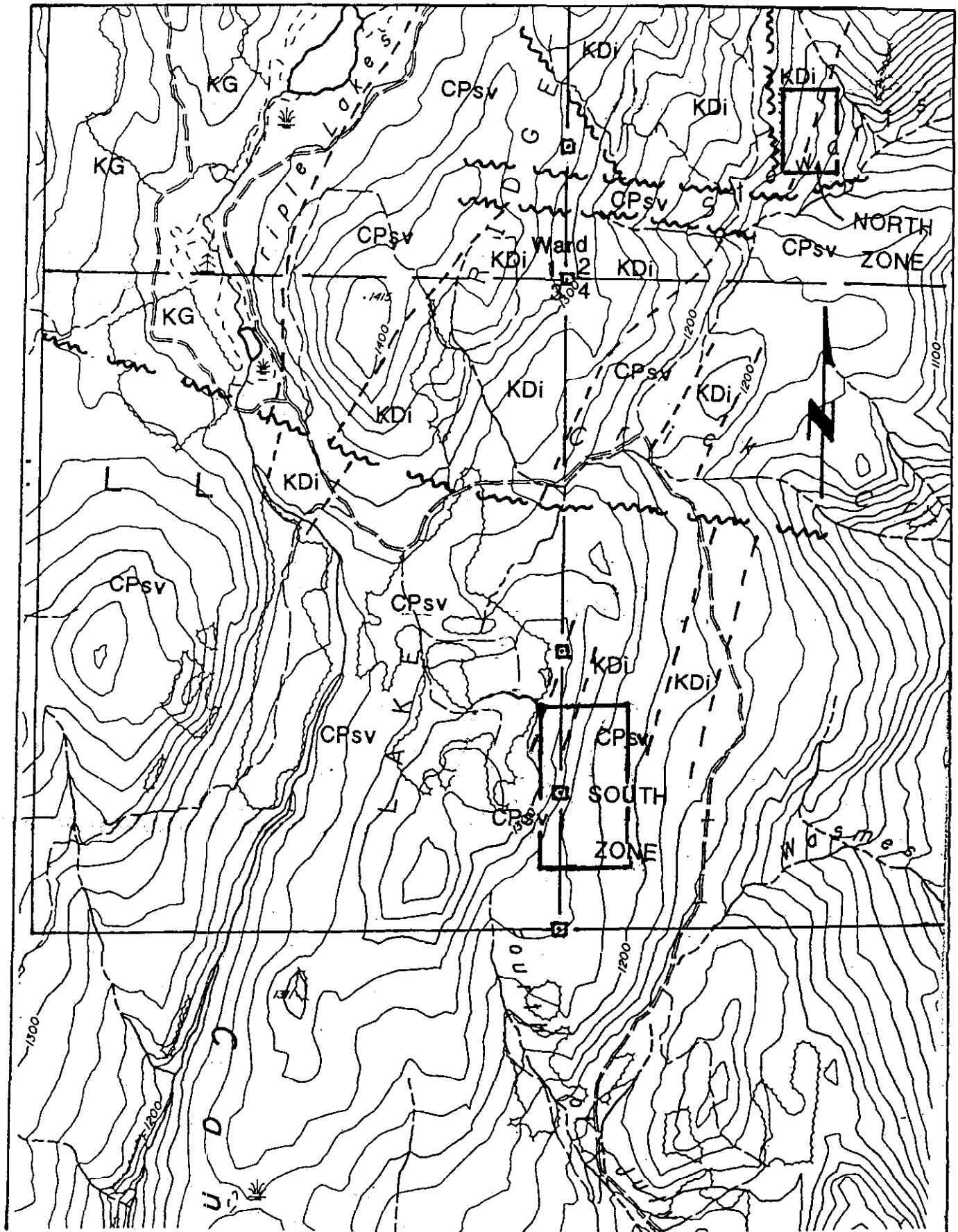
The Tertiary Coryell intrusions are mainly of syenitic composition and include stocks and dykes. In the area of the Ward claims numerous dykes of possible syenitic and andesitic composition cut all of the older rocks and appear to be mainly post-mineral in age.

(5.0) GEOLOGY – WARD GROUP

(5.1) INTRODUCTION

Figure 3 shows the Preliminary Geology of the Ward Group. The sample and drill work in 2002 was confined to two areas noted as the South Zone, near the southern boundary of the claims and the North Zone in the northeast corner of the map near the Barnato vein area about 2.5 kms. northeast of the South Zone.

The oldest rocks indicated in Figure 3 are part of the Anarchist Group (CPsv) of Carboniferous – Permian age. These rocks are mainly chert and minor greenstone and their metamorphosed equivalents. To the north of the east-west fault along Crick Creek,



CPsv ANARCHIST GROUP CARBONIFEROUS-PERMIAN

KDi LATE CRETACEOUS DIORITE-QUARTZ DIORITE INTRUSIONS

KG EARLY CRETACEOUS GRANITE-GRANODIORITE

POSSIBLE FAULT

SAMPLE SITE

INFERRED CONTACT

0 500 M.

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WARD GROUP

PRELIMINARY GEOLOGY

SCALE	DATE	NTS	FIGURE
1:20,000	OCT/02	82/E7	3

attitudes in chert are relatively flat lying but to the south of the fault bedding in chert strikes NE and dips at 50 degrees or more to the south.

In the Northwest corner of the map area, a stock of Early Cretaceous Granodiorite (KG) intrudes the chert-greenstone and is cut off to the south by the Crick Creek fault. These rocks are mineralized by gold-bearing quartz veins at the OK showing west of Triple Lakes. The gold mineralization here differs from that in the dioritic intrusions to the east and south.

Late Cretaceous intrusions of diorite (Kdi) in irregularly-shaped bodies are the most common type of intrusive rocks seen in the map area. No contacts between the diorite and the granodiorite (KG) are seen and good contacts between chert and diorite are rare. Most diorite probably is younger than and intrusive into chert but in some outcrops the two rocks appear to have gradational contacts and fault contacts are also noted between the diorite and chert. The diorite is the best host for gold-arsenic mineralization.

Too small to be shown on Figure 3 are the numerous dykes of Tertiary age andesite porphyry which are unmineralized and cut through all other rocks. The dykes are up to 5 metres wide and are concentrated in and near zones of mineralization in diorite but do not appear to be directly related to the gold mineralization.

(5.2) DETAILED GEOLOGY – SOUTH ZONE

(5.2.1) General Geology

Figure 4 at a scale of 1:2,500 is a map showing outcrops and an interpretation of the geology of the South Zone on the Ward 3 and 4 claims. Also shown are the locations of diamond drillholes 1 through 6 drilled in this zone.

The most important feature of the geology is the relatively large area of diorite (Unit 3) in a stock-like body which occurs in the center of the map area. Smaller areas of dyke-like bodies of diorite occur at the east and west edges of the map where the intrusive rock is in fault contact with chert.

The remainder of the map area consists of chert (Unit 1) except for an area near the Northwest corner designated as pyrite-quartz rock (Unit 2) which is probably highly recrystallized and pyritized chert, although it is possible that it is partly diorite because it occurs on or near the contact between chert and diorite. Also noted are several outcrops of andesite porphyry dyke (Unit 4)up to 5 metres wide which are connected up to show their north-northwest to north-northeast alignments.

(5.2.2) Diorite – Unit 3

The diorite intrusive is the most important host for gold-arsenic mineralization and also contains anomalous amounts of copper in some outcrops and drill intercepts. The intrusion is interpreted to lense out as dyke-like bodies to the northwest and southwest

from the stock. At its southwest end it terminates across a fault contact with chert and to the west of the fault the diorite is present as north-south trending pods in chert. Trench No. 2 across the SW fault disclosed strong silicification and pyrite mineralization carrying gold-arsenic values associated with the diorite in contact with the chert. A similar northerly trending fault contact between chert and diorite in an old prospect pit about 300 metres NNW shows strong arsenopyrite mineralization with gold values in chert near the diorite contact.

It appears that diorite-chert contacts, especially where they are faulted and veined with quartz, are one of main controls on the gold-arsenopyrite mineralization.

The curved western contact of the diorite is partly mirrored in the curvature of the topography and is due to the more resistant nature of the chert forming the hillside at the west side of the area.

As noted in previous work the pattern of the main soil anomaly for arsenic also mirrors this crescent-shaped form of the diorite distribution again indicating the coincidence of gold-arsenic values with the distribution of diorite.

(5.2.3) Chert (Unit 1)

The chert is the oldest rock and also the most abundant rock in the area. Although it is extremely hard, where it is strongly fractured it must tend to break down readily and is recessive forming few outcrops.

As with the diorite, the chert in most outcrops is somewhat pyritic but it normally carries lesser amounts of arsenic and gold than diorite except at or near fault contacts with the diorite. The chert is host to small zones of arsenic-gold-copper mineralization in quartz-chlorite-pyrite-chalcopyrite lenses in pits near the SW and NW corners of the map area.where it is in fault contact with diorite.

Although pyritic and rusty in most outcrops, as seen in drillholes some of of the chert is quite white, fresh-looking and well banded showing original bedding and quite barren of pyrite or any other mineralization.

(5.2.4) Pyrite-Quartz Rock (Unit 2)

This rock occurs west of the main diorite mass near the contact with chert and is interpreted to be a highly silicified and pyritized chert. Its position as a "cap rock" near the top of the hill on the west side of the map area suggests that it may be intensely altered chert overlying a flat-dipping contact with diorite. This could suggest that a blind target for mineralized diorite could exist beneath this cap but samples of the pyrite-quartz rock are almost barren assaying 10-20 ppb Au and 2-22 ppm As. If it is a cap rock over significant mineralization in diorite, it should show some fractures with better grade mineralization than that found to date.

(5.2.5) Andesite Porphyry (Unit 4)

Andesite dykes trending NNW and NNE extend discontinuously in outcrop for distances of 200-300 metres across the map area. These dykes are probably intruded in and along major shear zones which are also associated with mineralization. Although the dykes are noted in mineralized zones they appear to be post-mineral in age and not directly related to the mineralization. It is probably the association of the dykes with the shear zones which also control the location of mineralization that accounts for the dykes occurrence with mineralization.

No sills of andesite porphyry are noted in outcrop but in drilling several metres of the porphyry were encountered, particularly in hole 02-5 which is hard to explain unless the intersections represent sills and this is the favored interpretation for the area of this drillhole.

(5.3) DRILLING RESULTS – SOUTH ZONE

The location of drillholes 02-1 through 02-6 are noted on Figure 4 and the Logs for the holes are included as **Appendix A.**

(5.3.1) Holes 02-1 and 02-2

These 2 holes were drilled on an outcrop of diorite which showed thin fracture-controlled veins of pyrite-arsenopyrite carrying gold values. The outcrop is also at the uphill west edge of the largest As-Au-Cu soil anomaly in the South Zone and therefore was interpreted to be an excellent drill target for a possible large low grade gold deposit.

Hole 02-1 was drilled vertical for 223 feet, or approximately 69 metres, and cut fractured pyritized diorite for about 57 metres then went into a barren dense rock resembling chert. Sampling was done mainly at 3 metre intervals and most of the rock contained only 0.1 to 0.2 g/t Au except for a 0.8 metre interval from 14-14.8 metres which assayed 1.135 g/t Au and >10,000 ppm As.

Hole 02-2 was drilled S10 degrees West at an angle of –60 degrees for 223 feet, or approximately 69 metres. The hole was in pyritized diorite to 57 metres then went into a dense barren rock resembling chert or very fine grained monzonite. Samples were mainly taken at 2 metre intervals and results were slightly better than in the first hole. The 6 metre interval from 33.35 to 39.35 averaged 0.27 g/t Au, 1.8 metres from 39.35 to 41.15 assayed 2.12 g/t Au and 16 metres from 41.15 to 57.15 averaged 0.28 g/t Au and 720 ppm As. The assay results in these holes although sub-economic do substantiate the validity of the soil sample results and show that the anomalous soils are more or less in place over the mineralized rock and have not moved down slope to any great degree.

(5.3.2) Holes 02-3 and 02-4

Drillholes 02-3 and 02-4 are located at the site of Trench 4 which is the trench in which

in the year 2000 program a picked sample of pyrite-chalcopyrite from a 0.5 metre wide shear assayed 4800 ppm As, 14.49 g/t Au and 3420 ppm Cu.

Hole 02-3 was drilled south at –60 degrees in order to test this newly-discovered zone at depth. At 4.15 – 4.70 metres depth a 0.55 metre zone consisting of a 10 cm wide quartz-arsenopyrite veinlet and disseminated pyrite in diorite was intersected which assayed 10.76 g/t Au, >10,000 ppm As and 4713 ppm Cu over the 0.55M wide interval. The strike of this vein in the hole is unknown so that it is not clear if this is the same or a related zone to that noted in the trench in 2000.

At a depth of 8.70 metres to 18.70 metres hole 02-3 cut diorite with disseminated pyrite assaying an average of 0.45 g/t Au, 2226 ppm As. over the 10.0 metre interval. Below 18.70 the hole showed variable gold values before entering a barren andesite dyke and was terminated at 49.20 metres. .

Hole 02-4 was drilled north at – 60 degrees from the same setup as 02-3 in order to see if the mineralized zone in 02-3 could be extended to the north.

At 12.15 to 14.15 metres the 2 metre interval assayed 0.93 g/t Au and 3910 ppm As. This intercept is related to a 0.1 metre wide quartz-arsenopyrite veinlet in diorite which dips nearly parallel with the dip of the hole. Another 4 metre interval in diorite from 16.15 to 20.15 metres graded 0.525 g/t Au, 288 ppm As. The hole bottomed in barren chert at 32.15 metres.

(5.3-3) Holes 02-5 and 02-6

Hole 02-5 drilled south at –55 degrees was sited to intersect at depth a new showing found in Trench 2 this year. Two samples of an east-west trending replacement zone about 0.3 metres wide which dip 70 degrees northerly were found in the trench in chert adjoining a north-striking contact with diorite.

Hole 02-5 was drilled in chert with traces of arsenopyrite mineralization at several points but unfortunately intersected a number of wide zones of barren andesite porphyry dyke and/or sill and eventually bottomed in barren dyke at 65.25 metres without intersecting the mineralization in the trench.

The best result in hole 02-5 was the 4 metres from 22.15 to 26.15 metres which graded 0.375 g/t Au.

Hole 02-6 was sited about 15 metres southwest of 02-5 and drilled at –50 degrees on a bearing of S 40 degrees east to try to avoid the dykes which may be trending N-S here. Only 2 intercepts of dyke were encountered to a depth of 43.80 metres where the hole was bottomed in barren dyke. The drillhole was once again in chert with traces of mineralization for most of the hole. A silicified and brecciated contact between diorite and chert was encountered from 36.45 to 42.95 metres. This 6.5 metre zone graded only

0.34 g/t Au and it appears that the better grade massive pyrite mineralization seen in trench 2 is lensy and does not extend to depth in this area.

(5.4) TRENCHING AND SAMPLING – SOUTH ZONE

Figure 5, at a scale of 1:2,500, shows the location of outcrop and trench samples plus 3 lines of soil samples taken during this year's exploration program. A track equipped John Deere excavator with a 1 metre bucket was used to construct trails and drillsites plus dig 6 trenches during the period Aug. 12 – 21. Six trenches were dug for a total length of about 150 metres. Figures 7 and 8 show the geology mapped in trenches 1 through 6.

(5.4.1) Trench Samples

15 samples were collected from the trenches during the course of the program. In **Table 2** the type of sample and sample results for gold, arsenic and copper are listed. All assay results are included in **Appendix B.**

In **Trench One,** the best sample result was 453034, pyritized chert grading 0.371 ppm Au. On the basis of the sample results here drill testing of this area was not warranted.

Trench Two was excavated at the site of one of the highest Au-As soil anomalies and disclosed significant mineralization at shallow depth of less than one metre at a northerly-trending fault contact between diorite on the west and chert on the east. Two samples of quartz-chlorite-pyrite-chalcopyrite veining about 0.3 metres wide, samples 453031 and 453032 assayed 0.676 ppm Au and 7.44 ppm (0.22 opt Au) respectively. Drillholes 02-5 and 02-6 were drilled from the north to intersect this northerly dipping mineralization at depth.

Trench Three was excavated to the north of Trench two to look for possible continuations of the mineralization found in Trench two. Faulted, interbanded chert and diorite were exposed near the centre of Trench three but further east the overburden was to deep for the machine to reach bedrock. Two samples from Trench three showed no gold values of interest.

Trench Four was excavated at the same site as the trench dug in 2000 which found high grade gold in a quartz-bearing shear zone. The new trench was not able to duplicate the position of the 2000 trench exactly and intersected the shear in a different position which showed a faulted and offset lense of quartz-pyrite-chalcopyrite. A chip sample across 0.5 metres of this shear, sample 453037, assayed 1.825 ppm Au. This low result indicates that the high grade portion of the zone is not continuous along strike and is probably small in size.

Trench Six was dug about 15 metres south of Trench Four to investigate an anomalous soil result here and see if the mineralized shear in Trench Four continued to the south. Diorite and silicified diorite in Trench Six, sample 45308, did not show significant values in gold.

Table 2

TR	SAMPLE	DESCRIPTION	Au-ppm	As-ppm	Cu-ppm
One	453033	Picked sample chert w/ strong pyrite 10 metres east of west end of trench	0.044	21	450
	453034	Chert w/pyrite-0.3 metres wide 3M east of sample 033	0.371	131	757
	453035	Pyritic chert-0.3M wide-3M east-034	0.173	129	918
	453036	Picked sample-silicified. Diorite with strong pyrite 3M east of sample 035	0.089	126	187
Two	453026	East end-picked qtz vein in chert	0.103	829	569
	453027	2M west of sample 026 Chert Bx w/ pyrite – 1M	0.374	1005	617
	453028	West end-picked silicif diorite-pyrite	0.072	102	181
	453029	5M east of sample 028 picked silicified diorite-pyrite	0.179	138	101
	453030	3M east of sample 029-1M wide quartz pyrite along fault in diorite	0.333	890	569
	453031	Strong pyrite 0.3M wide in chert at contact with diorite of sample 030.	0.676	682	1265
	453032	3.5M east of sample 031-0.3M wide strong pyrite in north wall bounded on east by 0.1M quartz-pyrite shear	7.44	720	1225
Three	453039	Grab sample silicified-pyritized diorite 10 metres from west end of trench	0.079	89	192
	453040	Grab sample chert 5M east of sample 039	0.122	231	303
Four	453037	Chip sample across 0.5 metres –Quartz-pyrite-chalcopyrite shear in diorite	1.825	279	424
Six	453038	Diorite and chert with pyrite	0.347	180	352

Trench Five was a north-south trench put in to investigate the SW side of the mineralized diorite exposed in Trench four and a gold-bearing outcrop to the east of Trench six (Sample 453038). The trench, about 20 metres long, exposed a very hard rounded and massive outcrop of white andesite porphyry or fresh diorite which was impossible to sample by hand. The rock appears to be barren of mineralization.

(5.5) SOIL AND ROCK SAMPLES – SOUTH ZONE

Soil Samples

As noted on Figure 5 three lines of soil samples were taken prior to the start of trenching in 2002 along lines

80+25N- 10,185E to 10,215E

80+00N-10,125E to 10,250E

79+50N-10,100E to 10,250E

These samples were taken to see if soil samples might indicate an extension of the high grade shear zone found in the 2000 trench to the south of that trench. No anomalous results for both As and Au contiguous with the trench area were found. One sample at 79+50N 10,175E is anomalous with 40ppb Au, 236 ppm As. Soil sample results are included in **Appendix B**. Soil geochemical results are plotted on Figure 9.

Rock Samples

Figure 5 shows the location of 27 outcrop and dump samples taken during the course of mapping in and around the area of the main As-Au-Cu soil anomalies in the South Zone.

Table 3A and **3B** list these rock samples with a description of the sample and the assay results for Au, As and Cu. Copies of assay results are included in **Appendix B**.

Assays of interest include sample 453012, a picked sample of a small quartz vein at the northern edge of a diorite outcrop located about 25 metres south of Trench 4. This veinlet appears to represent the southern limit of gold mineralization south of Trench 4 as diorite outcrop to the south and that in Trench 6 appears to be barren.

Samples 453014 and 453015 represent a picked dump sample of 4-5 cm quartz-arsenopyrite vein fragments and a grab sample of wallrock fragments from a 3x3 metre wide x 5 metre deep pit near the western side of the map area. The vein material carries good gold values, 8180 ppb Au or about 0.26 opt Au. The extent of the mineralization is unknown and a drillhole could be warranted to determine the size of the mineralized zone here during another program of work.

Similarly, samples 453019 and 453020 located on dumps about 250 metres south from sample site 453014 show the presence of high As and elevated Au values and could warrant further work in the future.

Sample 453042 was a picked sample of fracture mineralization in diorite outcrop exposed during site preparation for DDH 02-1 and is of interest because it is the first outcropping mineralization found in the main hill of diorite at the centre of the main As-Au soil anomaly. Followup drilling in holes 02-1 and 02-2 showed that this type of fracture-filling mineralization is too poorly developed to form large low grade gold deposits in the part of the anomaly drilled in these 2 holes.

Table 3A

No.	Description	Au-ppb	As-ppm	Cu-ppm
453001	1 metrechip sample-Diorite	95	48	141
453002	1 metre chip sample - Diorite	250	110	193
453003	1 metre chip sample - Diorte	60	92	206
453004	Float –Diorite breccia in area of soil anomaly	30	136	175
453005	Chips across 1 metre – Diorite outcrop	110	118	46
453006	Picked sample – diorite w/ disseminated pyrite	40	64	314
453007	Picked sample chert w/ magnetite veinlets	200	68	810
453008	Grab sample – pyritized Diorite outcrop	20	22	303
453009	Grab sample – pyritized chert outcrop	35	40	229
453010	Picked sample 0.3M wide magnetite vein	25	82	213
453011	Strong pyrite in quartz- altered chert ?	10	2	408
453012	Picked sample 1 cm quartz-pyrite vein-diorite	1665	1330	130
453013	Pyrite-quartz-rock altered chert ? outcrop	15	12	164

Table 3B

No.	Description	Au-ppb	As-ppm	Cu-ppm
453014	Picked dump sample quartz-arsenopyrite vein	8180	>10,000	75
453015	Grab wallrock material same dump as 453014	290	4590	351
453016	Small pit in Diorite – grab from dump	15	168	89
453017	Grab from dump-pyrite in chert in 2Mx2M pit	60	34	320
453018	Grab from dump-small pit in pyritized chert	270	228	157
453019	Picked dump sample 3 cm quartz-arsenopy vlt	9600	>10,000	419
453020	Picked dump sample-chert,Diorite,arsenopy	1195	4100	169
453021	Float pyritized Diorite in soil anomaly area	235	178	155
453022	Grab pyritized Diorite outcrop in soil anomaly area.	130	402	196
453023	Grab silicified pyritized Diorite - outcrop	107	82	273
453024	Grab white silicified Diorite – outcrop	18	11	298
453025	Grab silicified Diorite - outcrop	203	9	418
453041	Picked 4 cm quartz pyrite vlt in Diorite outcrop-Drillsite No. 02-1	164	805	513
453042	Picked 4 cm quartz pyrite arsenopyrite vlt in Diorite outcrop-Drillsite No. 02-1	3880	>10,000	256

(6.0) NORTH ZONE

(6.1) Introduction

With reference to Figure 3 showing the Geology of the Ward claims, the North Zone is located about 3 kms. north of the South Zone and is centred near the old Barnato Mine, now covered by the Bar 1 and 2 claims.

The bulk of the work in 2002 was done in the South Zone with about 350 metres drilled in the latter area in holes 02-1 through 02-6 and only 135 metres in holes 02-7, 08 and 09 drilled in the northern area.

The area of drilling in the North Zone is shown in more detail in Figure 6.

(6.2) General Geology – North Zone

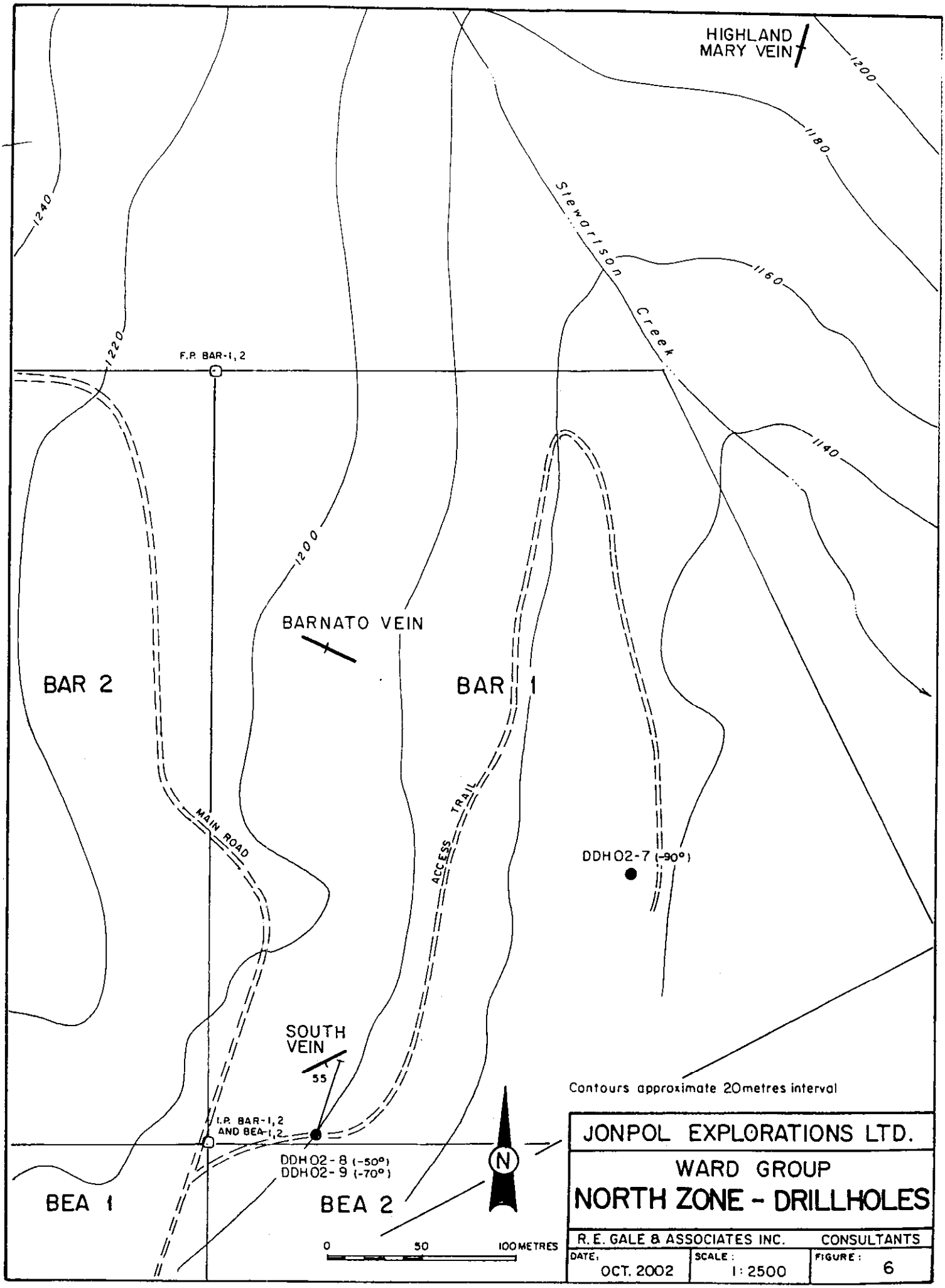
Most of the North Zone is underlain by diorite but quartzite and chert outcrop in the northeast corner of the area on the Highland Mary claim, one of the Reverted Crown Grants included in the Ward Group of claims.

As a result of the drilling this year it is evident that chert or quartzite is more widespread in the North Zone than previously realized and extends southerly into the area of drillholes 02-7, 8 and 9.

Shown in Figure 6 are the 3 best known veins in the North Zone. (1) The Barnato vein is a narrow WNW trending siliceous zone in diorite possibly 0.3 metres wide with at least one lense of massive arsenopyrite carrying gold values. A chip sample, 119872, collected in 1999 across 0.3 metres of the lense with arsenopyrite assayed 42.19 g/t Au. Cominco is reported to have drilled several holes in 1938 with negative results.

(2) The Highland Mary vein includes 2 shear zones in chert in 1- 2 metre wide zones. Two pods of arsenopyrite 5-10 cms wide occur in the shears. The best mineralization found in 1999 was a picked dump sample of arsenopyrite vein, sample 119881, which assayed 23.05 g/t Au. There is no published report of drilling on this showing.

(3) The South vein is the name given to a NE trending , southeast dipping quartz-pyrite vein about 1 metre wide in diorite which outcrops at the south end of the North Zone as shown in Figure 6. Sample 119855 chips across 1 metre taken in 1999 assayed 2.69 g/t Au.


HIGHLAND MARY VEIN
1200
1180
1240
Stewartson Creek
1160
1220
F.P. BAR-1, 2
1140
1200
BARNATO VEIN
BAR 2
BAR 1
MAIN ROAD
ACCESS TRAIL
DDH02-7 (-90°)
SOUTH VEIN
55
Contours approximate 20metres interval
I.P. BAR-1, 2 AND BEA-1, 2
DDH02-8 (-50°)
DDH02-9 (-70°)
N
BEA 1
BEA 2
0
50
100METRES
JONPOL EXPLORATIONS LTD.
WARD GROUP
NORTH ZONE - DRILLHOLES
R. E. GALE & ASSOCIATES INC. CONSULTANTS
DATE: OCT. 2002
SCALE: 1:2500
FIGURE: 6

(6.3) Drill Holes 02-7, 02-8, 02-9

Hole 02-7 was drilled to test a VLF-EM anomaly which was interpreted to be associated with a possible southwesterly extension of the Highland Mary vein or a northeasterly projection of the South vein.

The rock drilled is a mixture of diorite and chert. Strong pyrite mineralization in diorite was intersected from 5.2 to 7.9 metres and near-massive pyrite in diorite was cut from 15.5 to 16.3 metres. This pyrite could account for the anomaly however no gold values and very little arsenopyrite is shown by the assays.

After passing through a flat fault from 36.5 to 38.25 metres very broken barren chert was intersected and the hole was terminated at 42.25 metres.

Hole 02-8 and 02-9

These two holes were spotted to test the possible down dip extension of the South vein in an area where talus samples taken in 1999 gave strongly anomalous values for Au and As in 4 samples, the best result being>10,000 As, 4490 ppb Au.

In **Hole 02-8** drilled N20 degrees E at –50 degrees, diorite was encountered to a depth of about 30 metres, then banded chert to 42.6 metres where a barren dyke continued to 52.3 metres, the bottom of the hole.

The best mineralization found was strong pyrite in quartz from 17.60 to 18.60 metres. Sample 064817 from 17.60 to 19.60, 2 metres assayed 0.60 g/t Au, 295 ppm As.

In **Hole 02-9**, drilled from the same setup as 02-8 but at an angle of –70 degrees the hole was in diorite for 22 metres then barren andesite dyke to the bottom of the hole at 37.5 metres.

From 13.80 to 14.80 metres, one metre, a quartz-pyrite-arsenopyrite vein was cut. Sample 064831 of this interval assayed 0.58 g/t Au, >10,000 ppm As.

It is possible that the vein intersected in 02-9 is the down dip extension of the South vein. The decrease in values at depth in hole 02-9 compared to the surface values does not encourage further exploration of this vein.

(7.0) CONCLUSIONS AND RECOMMENDATIONS

Some of the best soil anomalous zones for gold-arsenic in the South Zone were tested during this year's exploration program with only a few small zones of better values found, not sufficient to encourage testing the area further for large low grade zones of mineralization which could be mined by open pit. The degree of fracture-filling or disseminated mineralization is too weak in the areas drilled to form bulk mining targets.

The total claim group is large and there are numerous vein showings so that the possibility that one of the vein occurrences could develop into a sizeable deposit is still open. It is recommended that further geophysical work be done, including further IP work, to evaluate the known vein areas and further soil sampling also be done along known vein projections to see if extensions are possible.

After evaluation of the geophysical and geochemical results, drilling could be warranted and the numerous vein targets known could require a number of short holes totaling perhaps a drilling program of 700 metres. The cost of doing this program is estimated be approximately $150,000

(8.0) COST STATEMENT – 2002 PROGRAM

Part One – May 1 – September 27

Consulting fees – R.E. Gale 45 days @ $400 per day	$ 19,260
A. Hall, assistant 25 days @ $125/ day	3,125
Room and Board 70 man days	4,501
Truck rentals 3 months	4,843
J. Bosovich, Westbridge B.C. -Excavator work Aug 12 –21	11,269
Bergeron Drilling, Greenwood –Drill charges	40,826
Fuel	565
Equipment, supplies and miscellaneous charges	2,268
Assays Chemex and Eco Tech Labs	4,429
Total Costs, including GST	$ 91,086

Part Two – September 28 – October 22

Consulting fees – Report - R.E. Gale 12 days @ $400 per day	$ 5,136
Drafting, printing, miscellaneous charges	260
J. Bosovich – Excavator work – reclamation, trenches etc.	9,144
Total Costs including GST	$14,540
Grand Total Parts One & Two	**$105,626**

(9.0) REFERENCES

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Vulumiri, M.R., 1990, Assessment Report 19525

(10.0) CERTIFICATE

I, Robert E. Gale do hereby certify that:

(1) I am a consulting geologist with R.E. Gale and Associates Inc. with my office at 107-2274 Folkestone Way, West Vancouver, B.C.

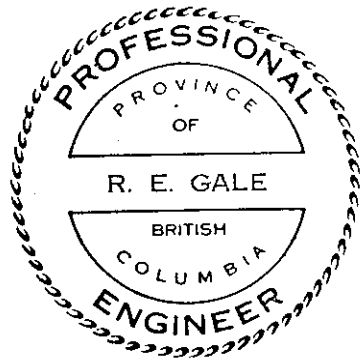
(2) I graduated from Stanford University with a PhD in Geology in 1965.

(3) I have been practicing my profession as Geologist for forty seven years.

(4) I have been a Member in good standing with the British Columbia Association of Professional Engineers and Geoscientists since 1966.

(5) This report is based on my personal work on The Ward Group of claims during May through September, 2002, and the review of all published data on the area.

(6) I am the owner of ROI 1-4, Dan 1-12, Bar 1-2, Beav, Bea 1-2 and 7 Reverted Crown Grant claims which are part of the Ward Group.



R.E. Gale, P.Eng., PhD

R E Gale

October 22, 2002

APPENDIX A-DRILL LOGS

ABBREVIATIONS USED – DRILL LOGS

ALT-ALTERED
AND-ANDESITE
ASP-ARSENOPYRITE
AU-GOLD
BRN-BROWN
BXD-BRECCIATED
CA,C/A,C.A.-CORE AXIS(ANGLE TO)
CHL-CHLORITE
CM-CENTIMETRE
CNT-CONTACT
CPY-CHALCOPYRITE
DI-DIORITE
DK-DARK
EPID-EPIDOTE
FLT-FAULT
FRAC,FRACS-FRACTURE,FRACTURES
GG-GOUGE
HBL-HORNBLENDE
IRREG-IRREGULAR
M-METRE
MAG-MAGNETITE
MOD-MODERATELY
NAT-NATIVE
OXD-OXIDIZED
PY-PYRITE
PYRR-PYRRHOTITE
QTZ-QUARTZ
REL-RELATIVELY
SI02-QUARTZ
SILICIF-SILICIFIED
STRG-STRONG
TR-TRACE
VLT-VEINLET
VN-VEIN
W/-WITH
WHT-WHITE

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02 - 1

DIP TEST		
	Angle 90°	
Footage	Reading	Corrected

Hole No. 02 - 1 Sheet No. 1 OF 1
Section
Date Begun SEPT 7, 2002
Date Finished SEPT 9, 2002
Date Logged SEPT 9, 2002

Lat.
Dep.
Bearing
Elev. Collar

Total Depth 223'
Logged By R. E. GALE
Claim WARD
Core Size NQ
BERGERON DRILLING GREENWOOD B.C.

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
0	15	0 - 5	BROKEN-OXIDIZED DIORITE-REL. BARREN	NO SAMPLE							
15	24	5 - 8	SMALL 20°-30° FRACS. W/PY IN DIORITE	024051	5	8	3M	0.09	60	100	
24	33	8 - 11	WEAKER FRAC. SOME @ 70° - WEAKER PYRITE	024052	8	11	3M	0.14	510	101	
33	42	11 - 14	SIMILAR TO ABOVE	024053	11	14	3M	0.16	305	99	
42	43.8	14 - 14.8	1 CM 60° ASP VLT AT 14M, 80° VLT. AT 15.2M (43')	024054	14	14.8	0.8M	*1.135	710,000	N.A.	(Au ppm)*
43.8	49.5	14.8-16.5	DARK MAG.-RICH DYKE-CALCITE VLTS, 0° CNT. - 16.5M	NO SAMPLE	14.8	16.5	1.7M	No sample			
49.5	62.25	16.5-20.75	WEAKLY PYRITIZED DIORITE - 30° - 60° FRACS.	024055	16.5	20.75	4.25M	0.14	75	55	
62.25	66.40	20.75-21.75	DARK MAG. - RICH DYKE 45° CNT. @ 21.75M	NO SAMPLE	20.75	21.75	1M	No sample			
66.40	76.25	21.75-24.75	WEAKLY PYRITIZED DIORITE - FEW FRACS,	024056	21.75	24.75	3M	0.09	35	35	
76.25	85.75	24.75-27.75	SIMILAR TO ABOVE	024057	24.75	27.75	3M	0.29	25	101	(Au* ppm)
85.75	95.25	27.75-30.75	MORE PYRITIC & OXD. PATCHES @ 60°	024058	27.75	30.75	3M	*0.161	528	N.A.	
95.25	105.0	30.75-33.75	WEAKER PYRITE, LESS FRACTURING	024059	30.75	33.75	3M	0.16	205	44	
105.0	115	33.75-36.75	SIMILAR TO ABOVE	024060	33.75	36.75	3M	0.09	60	35	
115	124.5	36.75-39.75	DARK DIORITE - RATHER FRESH - TRACE PYRITE	024061	36.75	39.75	3M	0.10	185	89	
124.5	134.25	39.75-42.75	SILICIFIED-BLEACHED DIORITE-MORE PY, TR. ASP.	024062	39.75	42.75	3M	*0.122	1675	N.A.	(Au* ppm)
134.25	143	42.75-45.75	BUFF TO PINKISH-BRN. - SOME QTZ VLTS. 45°-60°	024063	42.75	45.75	3M	0.06	30	119	
148	148.5	45.75-47.50	SIMILAR TO ABOVE BUT BXD W/STRONGER PY-TR ASP.	024064	45.75	47.50	1.75M	*0.066	642	N.A.	(Au* ppm)
			LOWER CONTACT - SMALL SHEAR @ 45°								
148.5	158.75	47.50-50.50	WEAKLY ALT. DIORITE 20°, 70° FRACS W/ PYRITE	024065	47.50	50.50	3M	0.08	20	100	
158.75	169.0	50.50-53.50	PORPHYRITIC TAN "MONZONITE", ALSO GREEN-WHITE	024066	50.50	53.50	3M	0.12	660	97	
169.0	179.0	53.50-56.50	CHERTY ROCK W/ 1-2 CM QTZ BX ZONES "MONZONITIC" - TR PYRITE.	024067	53.50	56.50	3M	0.11	285	67	
179.0	223	56.5-70.0	SAME AS ABOVE - LITTLE PYRITE - CHERTY	NOT SAMPLED	56.50	70.0	13.5M				

DIAMOND DRILL RECORD

PROPERTY WARD GROUP HOLE No. 02-2

DIP TEST		
	Angle 60°	
Footage	Reading	Corrected

Hole No. 02-2 Sheet No. 1 OF 2
Section
Date Begun SEPT 9, 2002
Date Finished
Date Logged

Lat.
Dep.
Bearing S10°W
Elev. Collar

Total Depth 224'
Logged By R. E. GALE
Claim WARD GP.
Core Size NQ

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
0	20	0-6.05	BROKEN - OXIDIZED - CASED								
20	26.5	6.05-8.05	STRONGLY FRAC. DIORITE QTZ-PY VLTS 20°-30°CA	024068	6.05	8.05	2M	0.07	30	31	
26.5	33.0	8.05-9.05	SAME AS ABOVE	024069	8.05	9.05	1.8M	0.13	205	29	
33.0	37.0	9.05-10.25	ANDESITE DYKE - CONTACTS - 90° CORE AXIS	NO SAMPLE	9.05	10.25	1.2M	No sample			
37.0	40.5	10.25-11.05	NO SAMPLE - MAINLY ANDESITE DYKE	NO SAMPLE	10.25	11.05	0.8M	No sample			
40.5	47	11.05-13.05	BLEACHED MOD. ALT. DIORITE VLTS-PY-ASP 70°/CA	024070	11.05	13.05	2M	*0.168	239	N.A.	*(Au ppm)
47	56	13.05-15.85	SIMILAR TO ABOVE	024071	13.05	15.85	2.8M	0.14	90	88	
56	59	15.85-16.85	NO SAMPLE - ANDESITE DYKE CNTS 60°/CA	NO SAMPLE	15.85	16.85	1M	No sample			
59	65.5	16.85-18.85	STEEP CNT W/ DYKE AT 16.85 - BLEACHED DIORITE	024072	16.85	18.85	2M	0.30	890	45	
65.5	72	18.85-20.85	LESS ALTERED DIORITE POR. - WEAKER PY	024073	18.85	20.85	2M	0.08	20	44	
72	78.5	20.85-22.85	MORE BLEACHED DI. W/ PY. - TR ARSENOPYRITE	024074	20.85	22.85	2M	0.06	35	74	
78.5	85	22.85-24.85	"	024075	22.85	24.85	2M	*0.167	194	N.A.	*(Au ppm)
85	93.5	24.85-27.35	"	024076	24.85	27.35	2.5M	0.14	1465	107	
93.5	100	27.35-29.35	LESS BLEACHED DIORITE - NARROW PY VLTS.	024077	27.35	29.35	2M	0.11	410	126	
100	106.5	29.35-31.35	DIORITE - MORE WEAKLY ALT. - PY, TR CPY	024078	29.35	31.35	2M	*0.104	251	N.A.	*(Au ppm)
106.5	113	31.35-33.35	"	024079	31.35	33.35	2M	0.10	210	127	
113	119.5	33.35-35.35	"	024080	33.35	35.35	2M	0.42	40	85	
119.5	126	35.35-37.35	"	024081	35.35	37.35	2M	0.26	20	53	
126	132.5	37.35-39.35	"	024082	37.35	39.35	2M	0.14	390	103	
132.5	139	39.35-41.15	20 CM. VLT. ASP. @ 70° CA AT 39.35, SOME BX - TR. ASP.	024083	39.35	41.15	1.8M	*2.12	>10,000	N.A.	*(Au ppm)
139	145.5	41.15-43.15	BLEACHED WHT. DIORITE W/ PY ON 45°-70° CA FRACS.	024084	41.15	43.15	2M	0.26	350	94	

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02-2

DIP TEST		
	Angle 60°	
Footage	Reading	Corrected

Hole No. 02-2 Sheet No. 2 OF 2

Section

Date Begun

Date Finished

Date Logged

Lat.

Dep.

Bearing

Elev. Collar

Total Depth 224'

Logged By R.E GALE

Claim

Core Size

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm
145.5	152	43.15-45.15	SIMILAR TO ABOVE 2CM FLT BX W PY-44.45	024085	43.15	45.15	2M	0.13	270	100
152	158.5	45.15-47.15	BLEACHED DIORITE-2CM FLT BX W/PY @ 46.45'	024086	45.15	47.15	2M	0.23	980	141
158.5	165	47.15-49.15	BLEACHED DIORITE - SPARSE PY VLTS 70°-45° CA.	024087	47.15	49.15	2M	0.48	565	71
165	172	49.15-51.15	MORE ABUNDANT PYRITE-MORE ALT. DIORITE	024088	49.15	51.15	2M	0.24	875	95
172	178.5	51.15-53.15	MORE WEAKLY ALT. "MONZONITE PORPHYRY"	024089	51.15	53.15	2M	0.29	385	86
178.5	185	53.15-55.15	BLEACHED-MORE ALT 45°-80CM FLT BX @ 53.35M	024090	53.15	55.15	2M	0.24	1530	89
185	192	55.15-57.15	"MONZONITIC"-45° & 20° VTS QTZ-PY-ASP @ 55.6 & 56.1	024091	55.15	57.15	2M	0.37	810	91
192	198.5	57.15-59.15	"MONZONITIC" - LITTLE PYRITE	024092	57.15	59.15	2M	0.11	110	94
198.5	205	59.15-61.15	"MONZONITIC" - 70°-QTZ BX @ 60.15 TO 60.35-BARREN	024093	59.15	61.15	2M	0.11	95	63
205	224	61.15-67.15	VERY FINE GRAINED, BARREN "CHERTY" DIORITE	NO SAMPLE	61.15	67.15	6M	No sample		

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02-3

DIP TEST		
	Angle 60°S	
Footage	Reading	Corrected

Hole No. 02-3 Sheet No. _____ Lat. _____ Total Depth 159'

Section _____ Dep. _____ Logged By _____

Date Begun SEPT 12/02 Bearing SOUTH @ 60° Claim _____

Date Finished SEPT 14/02 Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
6.5	12	2.45-4.15	MOD ALT DIORITE FRACS W/PYRITE 10°-45°C.A.	024094	2.45	4.15	1.7M	0.09	90	347	
12	13.5	4.15-4.70	AT 4.35 - 70° - 10 CM STRG. ASP. W/CPY. ? OR NAT AU.	024095	4.15	4.70	0.55M	10.76	>10,000	4713	
13.5	19.5	4.70-6.76	AT 4.85 — 5 CM. 60° QTZ-PY-ASP VLT IN DIORITE	024096	4.70	6.70	2.0M	0.12	220	290	
19.5	26	6.70-8.70	DIORITE W/ SMALL PY VLTS - RANDOM ANGLES	024097	6.70	8.70	2.0M	0.08	35	218	
26	32.5	8.70-10.70	AT 10.30 - 0°-45° C.A. BX - 10 CM STRG ASP.	024098	8.70	10.70	2.0M	0.45	1830	403	
32.5	39	10.70-12.70	45° FRACS. W/PYRITE - BLEACHED DIORITE.	024099	10.70	12.70	2.0M	0.17	55	387	
39	45.5	12.70-14.70	AT 14.10 - 0.3M QTZ VN W/TR ASP. - 45° VLTS PY	024100	12.70	14.70	2.0M	0.44	40	305	
45.5	52	14.70-16.70	AT 15.20 - 0.6M QTZ VN BX - 0° CA + 45° VLTS ASP-CPY	17601	14.70	16.70	2.0M	1.00	9160	849	
52	58.5	16.70-18.70	0°-45° VLTS PY - SOME SILICIF. PATCHES	17602	16.70	18.70	2.0M	0.21	45	703	
58.5	65	18.70-20.70	SIMILAR TO ABOVE - DIORITE	17603	18.70	20.70	2.0M	0.07	30	251	
65	71.5	20.70-22.70	SIMILAR TO ABOVE - DIORITE	17604	20.70	22.70	2.0M	0.09	75	153	
71.5	78	22.70-24.70	AT 22.90 - 0.3M QTZ-BX W/PY-ASP? 45° C.A.	17605	22.70	24.70	2.0M	0.35	330	153	
			AT 24.10 & 24.40 - 1CM 60° QTZ-CPY-ASP-PY VLT.								
78	84.5	24.70-26.70	AT 25.20 - 5CM SIL. ZONE @ 45° CA W/ TR ASP.	17606	24.70	26.70	2.0M	0.17	170	124	
84.5	91	26.70-28.70	THIN SPARSE PY VLTS @ 45° CORE AXIS (C.A.)	17607	26.70	28.70	2.0M	0.09	30	125	
91	97.5	28.70-30.70	AT 28.85 - 45° 10 CM QTZ-PY BX & AT 30.5 2CM BX	17608	28.70	30.70	2.0M	0.24	40	108	
97.5	104	30.70-32.60	AT 32.40 - 60° C/A - 20 CM QTZ-PY+ASP BX-CHT W/DYKE	17609	30.70	32.60	1.9M	0.17	855	195	
104	159	32.60-48.20	BARREN ANDESITE DYKE	NO SAMPLE	32.60	49.20	16.6M	NO Sample			

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02-4

DIP TEST		
	Angle 60°N	
Footage	Reading	Corrected

Hole No. 02-4 Sheet No. _____ Lat. _____ Total Depth 100'

Section _____ Dep. _____ Logged By _____

Date Begun SEPT 15/02 Bearing _____ Claim _____

Date Finished SEPT 16/02 Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
0	7.0	0-2.15	CASING – BROKEN ROCK – NO SAMPLE				NO SAMPLE				
7.0	13.5	2.15-4.15	FAIRLY FRESH DIORITE – DISS PY & QTZ VLTS 20°CA	17610	2.15	4.15	2.0M	0.03	180	216	
13.5	20	4.15-6.15	STRONGER PYRITE – FRACS 0°-45°CA W/PYRITE	17611	4.15	6.15	2.0M	<0.03	<5	157	
			TRACE CPY IN CHLORITE PATCHES.								
20	26.5	6.15-8.15	TRACE CPY & PY VLTS @ 45° CORE AXIS	17612	6.15	8.15	2.0M	0.06	<5	148	
26.5	33	8.15-10.15	PY VLTS @ 0°-45° C.A. – TRACE ARSENOPYRITE	17613	8.15	10.15	2.0M	<0.03	45	141	
33	39.5	10.15-12.15	DISS PY, PYRR. TR ASP?. 1 CM QTZ-ASP VLT-10.35	17614	10.15	12.15	2.0M	0.10	745	157	
39.5	46	12.15-14.15	AT 13.30-10 CM QTZ-ASP VLT-20° C.A. TR ASP 0.5M	17615	12.15	14.15					
			AT 14M – 1CM 45° C.A. – ARSENOPYRITE VLT.		12.15	14.15	2.0M	0.93	3910	130	
46	52.5	14.15-16.15	FAIRLY FRESH DIORITE – DARK DI AT END.	17616	14.15	16.15	2.0M	0.06	5	143	
52.5	59	16.15-18.15	FRAC. – FAULTING – GG. – 0° C.A. MOD. PY, TR CPY	17617	16.15	18.15	2.0M	0.07	<5	335	
59	65.5	18.15-20.15	1M-10° C.A. SHEAR ZONE – TR ASP. 19.15-20.15	17618	18.15	20.15	2.0M	0.56	1015	240	
65.5	72	20.15-22.15	BELOW 20.15 – ROCK CHERTY W/SOME STRG PY.	17619	20.15	22.15	2.0M	0.49	245	356	
72	78.5	22.15-24.15	MORE DIORITIC – DARK DIORITE W/ STRG PY.	17620	22.15	24.15	2.0M	0.20	<5	192	
78.5	84	24.15-26.15	DARK DIORITE – FEW 0° C.A. QTZ-PY VLTS	17621	24.15	26.15	2.0M	0.10	10	168	
84	90.5	26.15-28.15	26.45 – 0° QTZ-PY VEIN-0.3M WIDE-DK. DI.	17622	26.15	28.15	2.0M	0.10	50	119	
90.5	97	28.15-31.15	28.95 – 0° QTZ-STRG PY SILICIF. ZONE – DK DI.	17623	28.15	31.15	3.0M	0.35	220	222	
97	100	31.15-32.15	BARREN – BROKEN CHERT	NO SAMPLE	31.15	32.15	1.0M	No Sample			

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02-5

DIP TEST		
	Angle -55°S	
Footage	Reading	Corrected

Hole No. 02-5 Sheet No. _____ Lat. _____ Total Depth 221'

Section _____ Dep. _____ Logged By _____

Date Begun SEPT 17/02 Bearing SOUTH Claim _____

Date Finished _____ Elev. Collar _____ Core Size _____

Date Logged _____

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm
0	21	0-6.45	CASING TO BEDROCK - NO SAMPLE							
21	27.5	6.45-8.45	CHERT-90° FRACS & PY-CHL VLTS @ 20°-45°-C.A.	17624	6.45	8.45	2.0M	0.45	960	225
27.5	33	8.45-10.45	SIMILAR TO ABOVE	17625	8.45	10.45	2.0M	0.14	1460	170
33	45.5	10.45-13.45	FAULT CNT. W/ BARREN DYKE @ 45° C.A. - 13.45M	17626	10.45	13.45	3.0M	0.08	2815	199
45.5	74	13.45-22.15	4CM PLT. BX IN DYKE AT 14.55M	NO SAMPLE	13.45	22.15	8.7M	NO SAMPLE		
74	80.5	22.15-24.15	22.45 & 23.95 - 2CM - 20° C.A. VLTS PYRR-PY-ASP BANDED	17627	22.15	24.15	2.0M	0.31	6665	228
80.5	87	24.15-26.15	24.95 AND 25.95 2CM 45° C.A. VLTS ASP-PY-PYRR	17628	24.15	26.15	2.0M	0.38	>10,000	370
87	93.5	26.15-26.35	BARREN DYKE - 0.2M	NO SAMPLE	26.15	26.35	0.2M	NO SAMPLE		
93.5	100	26.35-28.35	CHERT W/ PATCHES ASP-CPY-26.4, 27.0M	17629	26.35	28.35	2.0M	0.45	8780	331
100	105.5	28.35-30.05	BARREN? GREY CHERT	17630	28.35	30.05	1.7M	0.13	2990	236
105.5	111	30.05-31.75	BARREN.? GREY CHERT-CHLORITIC - GOUGY	17631	30.05	31.75	1.7M	0.17	1750	377
111	115.25	31.75-33.05	BARREN DYKE	NO SAMPLE	31.75	33.05	1.3M	NO SAMPLE		
115.25	119.25	33.05-34.30	BXD CHERT - BARREN?	17632	33.05	34.30	1.25M	0.06	245	193
119.25	139	34.30-42.30	BARREN DYKE	NO SAMPLE	34.30	42.30	8.0M	NO SAMPLE		
139	145.5	42.30-44.30	CHERT AND BRECCIATED CHERT	17633	42.30	44.30	2.0M	0.16	335	204
145.5	153	44.30-47.70	CHERT & BANDED CHERT-BANDS 45° C.A. PATCHES PYRITE-PYRR	17634	44.30	47.70	3.4M	0.21	305	361
153	167	47.70-52.00	BARREN DYKE	NO SAMPLE	47.70	52.00	4.3M	NO SAMPLE		
167	173.5	52.00-54.00	BROKEN CHERT-PYRITE ON RANDOM FRACS	17635	52.00	54.00	2.0M	0.10	440	220
173.5	180	54.00-56.00	BANDED CHERT-45°/C.A. TR ASP-PYRR @ 54M	17636	54.00	56.00	2.0M	0.17	795	188
180	186.5	56.00-58.00	SMALL DYKE AT START THEN CHERT-FLT. CNT. - 56.4M	17637	56.00	58.00	2.0M	0.04	130	157
186.5	193	58.00-60.00	MOD. ALT. DIORITE-PYRITE ON FRACS.	17638	58.00	60.00	2.0M	0.06	235	194
193	212	60.00-62.50	BRECCIATED-SILICIFIED-DIORITE & CHERT	17639	60.00	62.50	2.5M	0.13	255	209
212	221	62.50-65.25	DYKE? OR SILL? - DENSE BLACK AND-END	N.S.	62.50	65.25	2.75M	NO SAMPLE		

DIAMOND DRILL RECORD

PROPERTY WARD PROPERTY HOLE No. 02-6

DIP TEST		
	Angle 50°S40°E	
Footage	Reading	Corrected

Hole No. 02-6 Sheet No. 1 OF 1 Lat. Total Depth 142'
Section Dep. Logged By
Date Begun SEPT 19/02 Bearing S 40°E Claim
Date Finished SEPT 21/02 Elev. Collar Core Size
Date Logged

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm
0	17	0-5.20	CASING - OVERBURDEN - NO SAMPLES	NO SAMPLES	0	5.20				
17	23.5	5.20-7.20	CHERT - FRAC.W PYRITE, FLTS, BX GG@ 45°C.A.	17640	5.20	7.20	2.0M	0.23	1345	145
23.5	32	7.20-10.00	BANDED CHERT-SOME STRG. PY IN BANDS-45°C.A.	17641	7.20	10.00	2.8M	0.14	295	98
32	34.25	10.00-10.70	BARREN DYKE	NO SAMPLE	10.00	10.70	0.7M	NO SAMPLE		
34.25	40.50	10.70-12.70	BANDED CHERT - SOME STRG. PY IN BANDS 45°C/A	17642	10.70	12.70	2.0M	0.41	170	396
40.5	47	12.70-14.70	RATHER BARREN CHERT - STRONG WHT. SiO2	17643	12.70	14.70	2.0M	0.06	75	85
47	53.5	14.70-16.70	SIMILAR TO ABOVE	17644	14.70	16.70	2.0M	0.19	60	358
53.5	60	16.70-18.70	BANDED-BRECCIATED CHERT-PY & BANDS 45°A	17645	16.70	18.70	2.0M	0.07	130	129
60	66.5	18.70-20.70	"	17646	18.70	20.70	2.0M	0.12	135	231
66.5	73	20.70-22.70	"	17647	20.70	22.70	2.0M	0.22	240	114
73	79.5	22.70-24.70	"	17648	22.70	24.70	2.0M	0.46	350	262
79.5	86	24.70-26.70	"	17649	24.70	26.70	2.0M	0.40	150	272
86	92.5	26.70-28.70	"	17650	26.70	28.70	2.0M	0.09	665	162
92.5	99.8	28.70-30.95	"	064801	28.70	30.95	2.25M	0.13	1195	154
99.8	118	30.95-36.45	DYKE - BARREN - NOT SAMPLED	NOT SAMPLED	30.95	36.45	5.50M	NO SAMPLE		
118	124.5	36.45-38.45	BANDED CHERT W/PY ON FRACS.-45°C.A.	064802	36.45	38.45	2.0M	0.28	310	369
124.5	132	38.45-40.45	BRECCIATED CHERT-PYRITE VLTS. @ 45°C.A.	064803	38.45	40.45	2.0M	0.33	230	150
132	140.8	40.45-42.95	0° CNT. DIORITE & BX D. CHERT 41.45-42.25M	064804	40.45	42.95	2.5M	0.33	140	132
140.8	142	42.95-43.80	BARREN DYKE	NOT SAMPLED	42.95	43.80	0.85M	NO SAMPLE		

DIAMOND DRILL RECORD

PROPERTY WARD GROUP HOLE No. 02-7

DIP TEST		
	Angle 90°	
Footage	Reading	Corrected

Hole No. 02-7 Sheet No. 1 OF 1 Lat.
Section Dep.
Date Begun SEPT 22/02 Bearing
Date Finished SEPT 23/02 Elev. Collar
Date Logged

Total Depth 142'
Logged By R.E. GALE
Claim WARD
Core Size NQ

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
0	17	0-5.2M	OVERBURDEN - CASED - NO SAMPLES								
17	27	5.2-8.2	MAINLY DIORITE W/STRG. PY, CHERT STARTS-7.9M	064805	5.2	8.2	3.0M	<0.03	<5	68	
27	37	8.2-11.2	WEAKLY MINERALIZED BANDED CHERT - 45° C.A.	064806	8.2	11.2	3.0M	<0.03	<5	117	
37	47	11.2-14.2	MIXTURE - DIORITE & CHERT STRG PY - TR ASP.	064807	11.2	14.2	3.0M	<0.03	<5	63	
47	57	14.2-17.2	WEAKLY MIN. CHERT, IRREG. PY VLTS	064808	14.2	17.2	3.0M	0.03	<5	173	
			ALMOST MASSIVE PYRITE 15.5-16.3 - THEN DIORITE.								
57	63.5	17.2-19.2	CHERT & DIORITE - PATCHES EPID. - PY - END IN DIORITE	064809	17.2	19.2	2.0M	<0.03	10	76	
63.5	105	19.2-32.0	BARREN CHERT AND FRESH DIORITE	NOT SAMPLED	19.2	32.0	12.8M	NO SAMPLE			
105	106.5	32.0-32.5	ALONG A-10°C/A SHEAR - STRG PYRITE IN DIORITE	064810	32.0	32.5	0.5M	<0.03	<5	70	
106.5	119.5	32.5-36.5	FIRST 3M - BARREN DIORITE THEN BARREN CHERT	NO SAMPLE	32.5	36.5	4.0M	NO SAMPLE			
119.5	126	36.5-38.25	AT 36.5 - 20°C/A SHEAR ZONE - FLAT FAULT?								
126	129	36.5-38.25	SHEAR - FLAT FAULT CONTIN. TO 38.25 - TR PY	064811	36.5	38.25	1.75M	<0.03	<5	127	
129	142	38.25-42.25	VERY BROKEN - BARREN CHERT	NO SAMPLE	38.25	42.25	4.0M				
			BOTTOM OF HOLE								

DIAMOND DRILL RECORD

PROPERTY WARD GROUP

HOLE No. 02-8

DIP TEST		
	Angle 50° N 20° E	
Footage	Reading	Corrected

Hole No. 02-8 Sheet No. 1 OF 1
Section
Date Begun SEPT 23, 2002
Date Finished SEPT 24, 2002
Date Logged

Lat.
Dep.
Bearing N 20° E
Elev. Collar

Total Depth 170'
Logged By R.E. GALE
Claim WARD GP.
Core Size

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	As ppm	Cu ppm	
0	24.5	0-7.60	BROKEN-RUBBLE-CAVE-CASED	NO SAMPLE							
24.5	31.0	7.60-9.60	MOD. ALT. DIORITE-0° C/A FLT W STRG PY-QTZ 8.4-9.3	064812	7.60	9.60	2.0M	<0.03	<5	99	
31.0	37.5	9.60-11.60	WEAKLY ALT. DIORITE-OXIDES, MOD. PY FRAC; 45°	064813	9.60	11.60	2.0M	<0.03	<5	33	
37.5	44.0	11.60-13.60	SIMILAR TO ABOVE	064814	11.60	13.60	2.0M	0.05	<5	63	
44	50.5	13.60-15.60	MOD ALT. DI W/0° C/A PY VLTS-FRESHER AT END	064815	13.60	15.60	2.0M	0.06	<5	71	
50.5	57	15.60-17.60	DARK GREY HBL-DI-THIN PY-45° C/A FRACS.	064816	15.60	17.60	2.0M	0.03	5	44	
			BECOMES SILICIFIED-MORE PY 16.60-17.60								
57	63.5	17.60-19.60	17.60-18.60 STRG SIL., PY-PY FADES AT END	064817	17.60	19.60	2.0M	0.60	295	135	
63.5	70	19.60-21.60	PATCHES OF SILICIF. DIORITE AND FRESH DI.	064818	19.60	21.60	2.0M	<0.03	15	36	
70	76.5	21.60-23.60	MORE SILICEOUS DI. BUT LOWER PYRITE	064819	21.60	23.60	2.0M	<0.03	<5	14	
76.5	83	23.60-25.60	FAIRLY FRESH DIORITE-LITTLE PYRITE	064820	23.60	25.60	2.0M	<0.03	10	42	
83	89.5	25.60-27.60	"	064821	25.60	27.60	2.0M	<0.03	5	65	
89.5	96	27.60-29.60	MAINLY DIORITE BUT AT END-BARREN CHERT	064822	27.60	29.60	2.0M	0.11	3850	67	
96	102.5	29.60-31.60	BANDED CHERT-BANDING-20° C/A TR. PY	064823	29.60	31.60	2.0M	<0.03	35	50	
102.5	109	31.60-33.60	"	064824	31.60	33.60	2.0M	<0.03	5	65	
109	115.5	33.60-35.60	"	064825	33.60	35.60	2.0M	<0.03	15	71	
115.5	122	35.60-37.60	AS ABOVE BUT W/ PATCHES EPIDOTE-PYRITE	064826	35.60	37.60	2.0M	<0.03	10	56	
122	128.5	37.60-39.60	SIMILAR TO ABOVE-LITTLE PYRITE	064827	37.60	39.60	2.0M	<0.03	<5	70	
128.5	139	39.60-42.60	BANDED CHERT-SOME CHLORITE-PYRITE	064828	39.60	42.60	3.0M	<0.03	10	76	
139	170	42.60-52.30	BARREN DYKE-20° C.A. CNT W/ CHERT	NOT SAMPLED	42.60	52.30	9.7M				
			BOTTOM OF HOLE								

DIAMOND DRILL RECORD

PROPERTY WARD GROUP HOLE No. 02-9

DIP TEST		
	Angle 70°N 20°E	
Footage	Reading	Corrected

Hole No. 02-9 Sheet No. 1 OF 1
Section
Date Begun SEPT 24, 2002
Date Finished SEPT 25, 2002
Date Logged

Lat.
Dep.
Bearing N20°E
Elev. Collar

Total Depth 122'
Logged By R.E. GALE
Claim WARD GP.
Core Size NQ

DEPTH FROM	DEPTH TO	METRES	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Au g/t	AS ppm	Cu ppm
0	24		BROKEN - CAVE - CASED NO SAMPLE							
24	34	7.30-10.30	WEAKLY ALT. DI. FRACS 0°@90°C/A - SOME OXIDES	064829	7.30	10.30	3.0M	0.05	<5	35
			PY ON FRACS - NARROW QTZ VLTS - TR. ASP.							
34	45.5	10.30-13.80	SIMILAR TO ABOVE BUT LESS ASP.?	064830	10.30	13.80	3.5M	<0.03	<5	76
			PYRITE ALONG FRACS. @ 45° TO CORE AXIS							
45.5	48.75	13.80-14.80	AT 13.80-45°C/A CNT. W/QTZ VN W/PYRITE-ASP.	064831	13.80	14.80	1.0M	0.58	>10000	117
48.75	58.75	14.80-17.80	WEAKLY ALTERED AND PYRITIZED DIORITE.	064832	14.80	17.80	3.0M	<0.03	25	57
58.75	68.75	17.80-20.80	"	064833	17.80	20.80	3.0M	<0.03	10	66
68.75	73.45	20.80-22.25	1 CM. 45°C/A PYRITE VEIN AT 21.10 IN DIORITE	064834	20.60	22.25	1.45M	0.17	7180	90
73.45	122	22.25-37.50	DYKE - BARREN - NOT SAMPLED	NOT SAMPLED	22.25	37.50	15.25M	NOT	SAMPLED	
			BOTTOM OF HOLE							

APPENDIX B-ASSAY CERTIFICATES

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE CC: R. POLLOCK

Page Number :1-A
Total Pages :1
Certificate Date: 17-JUN-2002
Invoice No. :10217868
P.O. Number :
Account :CNF

ROCK

CERTIFICATE OF ANALYSIS A0217868

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
453001	94139402	1.64	95	0.4	1.06	48	< 10	90	< 0.5	< 2	0.66	< 0.5	10	30	141	2.37	< 10	< 1	0.19	< 10
453002	94139402	6.62	250	0.6	1.43	110	< 10	60	< 0.5	< 2	1.02	< 0.5	10	33	193	2.97	< 10	< 1	0.11	< 10
453003	94139402	4.50	60	0.6	1.11	92	< 10	50	< 0.5	< 2	0.86	< 0.5	9	19	206	2.13	< 10	< 1	0.09	< 10
453004	94139402	2.74	30	0.6	1.63	136	< 10	40	< 0.5	2	0.12	< 0.5	5	66	175	4.09	< 10	< 1	0.11	< 10
453005	94139402	1.70	110	< 0.2	1.63	118	< 10	80	< 0.5	6	0.90	< 0.5	7	15	46	3.11	< 10	< 1	0.18	< 10
453006	94139402	2.32	40	0.6	1.56	64	< 10	50	< 0.5	2	0.83	< 0.5	17	37	314	3.34	< 10	< 1	0.25	< 10
453007	94139402	1.58	200	1.4	0.87	68	< 10	40	< 0.5	< 2	0.70	< 0.5	36	47	810	5.70	< 10	< 1	0.08	< 10
453008	94139402	2.18	20	1.6	0.61	22	< 10	< 10	< 0.5	< 2	0.21	< 0.5	8	129	303	2.94	< 10	< 1	0.09	< 10
453009	94139402	1.56	35	0.6	1.23	40	< 10	40	< 0.5	< 2	1.04	< 0.5	11	40	229	2.37	< 10	< 1	0.08	< 10
453010	94139402	2.00	25	< 0.2	1.04	82	< 10	40	< 0.5	< 2	1.08	3.5	38	47	213	>15.00	10	< 1	0.11	< 10
453011	94139402	1.00	10	1.6	0.84	2	< 10	20	< 0.5	6	0.43	< 0.5	18	70	408	3.87	< 10	< 1	0.05	< 10
453012	94139402	1.04	1665	1.4	1.91	1330	< 10	100	< 0.5	< 2	0.40	< 0.5	12	18	130	4.21	< 10	< 1	0.17	< 10
453013	94139402	1.22	15	0.2	1.61	12	< 10	40	< 0.5	< 2	0.77	< 0.5	13	35	164	3.27	< 10	< 1	0.20	< 10
453014	94139402	1.94	8180	1.6	0.49	>10000	< 10	30	< 0.5	46	2.33	1.5	23	38	75	8.85	< 10	< 1	0.17	< 10
453015	94139402	1.72	290	1.2	1.26	4590	< 10	30	< 0.5	6	1.11	< 0.5	15	53	351	4.28	< 10	< 1	0.11	< 10
453016	94139402	0.38	15	< 0.2	0.95	168	< 10	80	< 0.5	2	0.56	< 0.5	6	73	89	2.21	< 10	< 1	0.16	< 10
453017	94139402	1.60	60	0.6	1.79	34	< 10	30	< 0.5	4	1.63	< 0.5	21	27	320	3.60	< 10	< 1	0.06	< 10
453018	94139402	0.44	270	0.6	1.20	228	< 10	20	< 0.5	2	0.80	< 0.5	13	109	157	3.66	< 10	< 1	0.05	< 10
453019	94139402	1.18	9600	13.6	0.72	>10000	< 10	20	< 0.5	18	0.34	0.5	82	63	419	6.14	< 10	< 1	0.10	< 10
453020	94139402	5.70	1195	0.6	1.42	4100	< 10	50	< 0.5	2	1.35	< 0.5	10	57	169	4.03	< 10	< 1	0.08	< 10
453021	94139402	2.18	235	0.2	1.36	178	< 10	70	< 0.5	6	0.44	< 0.5	10	71	155	2.98	< 10	< 1	0.13	< 10
453022	94139402	2.26	130	0.6	0.90	402	< 10	40	< 0.5	2	0.80	< 0.5	13	87	196	2.68	< 10	< 1	0.07	< 10

CERTIFICATION:_____

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE CC: R. POLLOCK

Page Number :1-B
Total Pages :1
Certificate Date: 17-JUN-2002
Invoice No. :I0217868
P.O. Number :
Account :CNF

ROCK

CERTIFICATE OF ANALYSIS A0217868

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
453001	94139402	0.71	295	6	0.10	8	980	6	0.17	< 2	3	31	0.11	< 10	< 10	91	< 10	34
453002	94139402	1.02	385	3	0.15	9	1020	< 2	0.33	< 2	6	37	0.10	< 10	< 10	101	< 10	42
453003	94139402	0.74	260	3	0.11	5	790	< 2	0.37	< 2	4	35	0.06	< 10	< 10	53	< 10	32
453004	94139402	0.95	255	15	0.05	17	610	< 2	0.03	2	7	13	0.01	< 10	< 10	75	< 10	30
453005	94139402	0.78	440	< 1	0.09	3	1010	< 2	0.17	< 2	7	60	0.03	< 10	< 10	69	< 10	44
453006	94139402	0.78	245	9	0.14	18	760	< 2	0.65	< 2	5	51	0.09	< 10	< 10	70	< 10	32
453007	94139402	0.52	275	15	0.07	79	880	< 2	0.37	< 2	6	25	0.05	< 10	< 10	54	< 10	32
453008	94139402	0.40	180	2	0.04	15	410	10	1.18	< 2	2	7	0.05	< 10	< 10	32	< 10	30
453009	94139402	0.41	145	3	0.19	46	710	< 2	0.97	< 2	3	44	0.08	< 10	< 10	39	< 10	20
453010	94139402	0.45	550	5	0.07	69	1370	14	0.26	< 2	5	26	0.08	< 10	< 10	142	30	42
453011	94139402	0.52	155	3	0.09	48	670	2	1.82	< 2	4	16	0.08	< 10	< 10	52	< 10	22
453012	94139402	0.89	330	3	0.11	4	930	< 2	0.14	< 2	7	45	0.02	< 10	< 10	82	< 10	38
453013	94139402	0.63	125	3	0.20	5	840	< 2	1.23	< 2	4	55	0.09	< 10	< 10	54	< 10	16
453014	94139402	0.17	145	1	< 0.01	12	440	26	5.88	290	< 1	36	< 0.01	< 10	< 10	7	< 10	30
453015	94139402	0.55	170	3	0.07	21	660	2	2.16	16	4	33	0.01	< 10	< 10	44	< 10	22
453016	94139402	0.43	225	18	0.17	22	660	< 2	0.44	< 2	7	36	0.08	< 10	< 10	46	< 10	18
453017	94139402	0.63	255	7	0.21	15	1040	< 2	1.51	< 2	7	64	0.07	< 10	< 10	87	< 10	28
453018	94139402	0.56	225	1	0.13	33	570	< 2	1.43	< 2	9	29	0.07	< 10	< 10	69	< 10	28
453019	94139402	0.50	275	< 1	0.02	36	690	2	2.58	22	2	12	0.02	< 10	< 10	31	< 10	58
453020	94139402	0.93	505	6	0.10	13	970	2	0.74	4	8	39	0.03	< 10	< 10	122	< 10	54
453021	94139402	1.14	415	40	0.05	33	710	< 2	0.24	< 2	5	18	0.05	< 10	< 10	128	< 10	40
453022	94139402	0.73	320	15	0.07	19	500	< 2	0.54	< 2	4	22	0.05	< 10	< 10	48	< 10	32

CERTIFICATION:_____

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

: R. LE ASSO E IN
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Page # :
Total # of pages : 2 (A - C)
Date : 4-Sep-2002
Account: CNF

Project : Rock Creek

ROCK

CERTIFICATE OF ANALYSIS VA02002868

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
453024		1.64	0.018	0.7	1.18	11	<10	140	<0.5	3	0.48	<0.5	11	59	298	3.65
453025		1.32	0.203	1.2	0.55	9	<10	50	<0.5	2	0.61	<0.5	8	91	418	3.53
453026		1.94	0.103	1.2	1.27	829	<10	60	0.6	6	1.58	0.8	9	149	717	9.95
453027		2.38	0.374	2.4	1.65	1005	<10	60	0.5	3	0.68	1.0	7	153	617	8.67
453028		1.50	0.072	0.3	1.55	102	<10	110	0.5	<2	1.55	<0.5	7	34	181	3.51
453029		2.56	0.179	<0.2	1.66	138	<10	80	0.5	8	1.87	<0.5	6	58	101	2.93
453030		1.86	0.333	1.6	2.38	890	<10	70	<0.5	<2	0.28	1.1	11	110	569	11.40
453031		2.34	0.676	4.9	2.00	682	<10	30	<0.5	13	0.25	2.9	<1	107	1265	>15.0
453032		4.16	7.44	7.4	2.12	720	<10	30	<0.5	8	0.16	3.5	85	79	1225	>15.0
453033		1.70	0.044	1.0	0.72	21	<10	40	<0.5	3	1.01	0.8	22	88	504	7.27
453034		1.90	0.371	2.3	1.47	131	<10	40	0.5	4	1.28	1.0	16	90	757	9.41
453035		3.42	0.173	1.9	1.88	129	<10	40	<0.5	8	1.43	1.2	16	102	918	10.95
453036		1.76	0.089	0.4	0.89	126	<10	50	<0.5	2	1.11	<0.5	9	25	187	3.11
453037		2.62	1.825	1.1	1.56	279	<10	40	<0.5	<2	0.76	<0.5	9	63	424	5.05
453038		1.48	0.347	1.1	1.60	180	<10	50	<0.5	<2	0.16	<0.5	8	132	352	4.99
453039		2.22	0.079	0.3	2.10	89	<10	90	<0.5	4	1.75	<0.5	7	51	192	3.36
453040		3.30	0.122	0.9	0.56	231	<10	80	0.5	5	1.04	<0.5	3	85	303	4.78
453041		2.24	0.164	1.1	2.22	805	<10	20	<0.5	3	0.46	<0.5	3	163	513	7.80
453042		1.38	3.88	1.3	1.52	>10000	<10	60	0.6	<2	0.48	0.8	68	25	256	6.18

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax. 604 984 0218

To: R.E. GALE AND ASSOCIATE INC.
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Date : 4-Sep-2002
Account: CNF

ROCK

Project : Rock Creek

CERTIFICATE OF ANALYSIS VA02002868

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
453024		<10	<1	0.26	<10	0.88	267	3	0.04	54	740	3	0.69	<2	8	27
453025		<10	<1	0.09	10	0.24	134	3	0.05	53	2210	3	0.81	<2	5	24
453026		<10	<1	0.06	10	1.03	764	10	0.01	105	2040	4	5.50	2	7	40
453027		10	<1	0.07	10	0.97	687	9	0.01	76	1420	9	1.70	<2	7	41
453028		<10	<1	0.11	<10	0.85	324	1	0.16	7	1090	5	1.12	<2	8	96
453029		<10	<1	0.13	<10	0.84	327	2	0.20	10	1110	2	0.82	2	6	118
453030		10	<1	0.05	<10	1.66	622	2	0.01	45	1100	7	4.91	4	8	11
453031		10	<1	0.02	<10	0.90	203	2	0.01	81	1970	14	>10.0	<2	8	3
453032		10	<1	0.06	<10	1.09	390	3	0.01	67	1190	46	>10.0	<2	7	8
453033		<10	<1	0.05	<10	0.45	199	1	0.04	56	2760	7	5.09	<2	5	22
453034		10	<1	0.10	10	0.95	345	4	0.05	38	4440	8	4.67	<2	10	23
453035		10	<1	0.12	10	1.06	308	6	0.04	42	5890	4	5.59	<2	11	16
453036		<10	<1	0.09	<10	0.58	228	1	0.08	4	950	3	1.35	<2	4	39
453037		<10	<1	0.08	<10	0.92	333	1	0.07	8	730	2	1.68	<2	4	27
453038		<10	<1	0.14	10	1.15	282	6	0.02	26	520	6	0.94	<2	3	10
453039		10	1	0.11	<10	0.79	271	1	0.27	8	1070	6	1.26	<2	4	129
453040		<10	<1	0.07	<10	0.45	386	3	0.02	55	500	4	2.41	<2	10	43
453041		10	<1	0.09	<10	1.45	320	16	0.01	21	2300	3	2.64	4	7	10
453042		<10	<1	0.15	<10	0.72	355	2	0.07	15	980	14	1.03	14	7	36

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: R.E. GALE AND ASSOCIATE INC.
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Date : 4-Sep-2002
Account: CNF

Project : Rock Creek

ROCK

CERTIFICATE OF ANALYSIS VA02002868

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
453024		0.04	<10	<10	75	<10	45
453025		0.03	<10	<10	68	<10	22
453026		0.02	<10	<10	119	10	61
453027		0.02	<10	<10	115	10	55
453028		0.07	<10	<10	85	<10	38
453029		0.07	<10	<10	73	<10	34
453030		0.01	<10	<10	72	10	46
453031		<0.01	<10	<10	60	10	24
453032		0.01	<10	<10	55	<10	39
453033		0.05	<10	<10	53	<10	35
453034		0.06	<10	<10	113	<10	46
453035		0.03	<10	<10	140	<10	46
453036		0.07	<10	<10	53	<10	29
453037		0.02	<10	<10	61	<10	36
453038		0.01	<10	<10	147	<10	38
453039		0.07	<10	<10	64	<10	35
453040		0.09	<10	<10	93	<10	25
453041		0.01	<10	<10	112	<10	24
453042		<0.01	<10	<10	66	<10	74

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: R.E. GALE AND ASSOCIATE INC.
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Date : 22-Aug-2002
Account: CNF

ROCK

CERTIFICATE OF ANALYSIS VA02002761

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt kg 0.02	Au-AA24 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
453023		0.92	0.107	0.5	1.21	82	<10	80	<0.5	4	0.73	<0.5	22	24	273	3.62

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
453023		<10	<1	0.07	<10	0.62	241	1	0.12	20	1140	8	1.15	<2	6	50

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Tl % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2
453023		0.05	<10	<10	75	<10	55

25-Sep-02

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2002-328

R.E. GALE & ASSOCIATES INC.
107 - 2274 Folkestone Way
West Vancouver, BC
V7S 2X7

ATTENTION: R. E. Gale

No. of samples received: 40
Sample Type: Core
Project #: None given
Shipment #: None given
Samples submitted by:R.E. Gale

Values in ppm unless otherwise reported CORE

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	24051	<0.2	1.70	60	75	<5	2.25	<1	10	72	100	3.40	20	1.12	497	1	0.05	12	990	12	<5	<20	93	0.06	<10	64	<10	11	43
2	24052	0.2	1.45	510	45	<5	2.62	<1	13	89	101	3.07	20	1.03	492	3	0.06	12	970	14	<5	<20	93	0.05	<10	64	<10	10	47
3	24053	0.4	1.39	305	55	<5	2.14	<1	11	86	99	3.04	10	0.95	449	3	0.08	11	1010	12	<5	<20	90	0.08	<10	65	<10	10	47
4	24055	0.2	1.34	75	55	<5	2.51	<1	7	72	55	2.73	20	0.85	506	1	0.09	12	970	12	<5	<20	139	0.07	<10	61	<10	11	55
5	24056	0.2	1.61	35	80	<5	3.06	<1	7	79	35	2.93	20	0.92	544	3	0.11	13	1010	16	<5	<20	181	0.07	<10	63	<10	11	52
6	24057	<0.2	1.61	25	55	<5	2.98	<1	8	71	101	3.10	20	0.91	520	<1	0.09	12	930	10	<5	<20	203	0.06	<10	61	<10	11	43
7	24059	0.4	1.25	205	60	<5	2.29	<1	7	81	44	2.48	10	0.76	496	2	0.12	10	940	14	<5	<20	123	0.07	<10	63	<10	11	54
8	24060	<0.2	1.32	60	115	<5	1.38	<1	8	70	35	2.55	10	0.71	392	<1	0.14	8	950	10	<5	<20	74	0.10	<10	59	<10	8	39
9	24061	<0.2	1.57	185	50	<5	2.65	<1	8	74	89	3.30	20	1.02	541	2	0.09	12	960	12	<5	<20	147	0.06	<10	68	<10	12	46
10	24063	<0.2	1.52	30	50	<5	2.71	<1	7	63	119	3.00	20	1.01	448	1	0.07	12	960	12	<5	<20	183	0.05	<10	63	<10	11	42
11	24065	0.4	1.60	20	55	<5	3.27	<1	7	76	100	3.31	20	1.05	468	3	0.06	14	950	12	<5	<20	148	0.05	<10	61	<10	11	35
12	24066	0.2	1.61	660	40	<5	2.86	<1	12	64	97	2.96	20	1.09	467	1	0.06	13	970	12	<5	<20	165	0.05	<10	62	<10	10	44
13	24067	<0.2	2.07	285	50	<5	3.36	<1	10	75	67	3.21	20	1.27	485	2	0.07	15	960	14	<5	<20	294	0.05	<10	58	<10	11	38
14	24068	<0.2	2.18	30	65	<5	2.54	<1	10	62	31	3.91	30	1.29	530	2	0.04	14	1310	18	<5	<20	170	0.06	<10	71	<10	11	58
15	24069	<0.2	2.00	205	70	<5	3.15	<1	13	70	29	3.75	30	1.25	628	3	0.04	14	1120	16	<5	<20	298	0.06	<10	62	<10	10	56
16	24071	0.2	1.70	90	60	<5	4.60	<1	8	60	88	3.57	20	1.19	644	1	0.05	17	950	12	<5	<20	363	0.06	<10	55	<10	11	44
17	24072	<0.2	1.82	890	75	<5	2.50	<1	15	78	45	3.63	20	1.11	514	3	0.07	12	960	12	<5	<20	176	0.06	<10	68	<10	11	55
18	24073	<0.2	1.54	20	85	<5	2.51	<1	6	68	44	3.22	20	0.92	501	<1	0.07	11	910	10	<5	<20	194	0.06	<10	69	<10	12	46
19	24074	<0.2	1.71	35	50	<5	2.67	<1	7	80	74	3.23	20	1.18	505	3	0.06	14	1010	12	<5	<20	152	0.05	<10	63	<10	10	44
20	24076	<0.2	1.87	1465	30	<5	3.01	<1	12	69	107	3.42	20	1.33	495	2	0.06	14	1170	14	<5	<20	176	0.05	<10	65	<10	9	42
21	24077	<0.2	1.42	410	40	<5	3.15	<1	10	76	126	2.79	10	0.88	455	3	0.07	13	970	12	<5	<20	178	0.05	<10	66	<10	10	48
22	24079	0.2	1.56	210	50	<5	2.87	<1	10	73	127	3.24	20	0.99	349	1	0.08	13	990	10	<5	<20	187	0.07	<10	59	<10	10	32
23	24080	<0.2	1.67	40	50	<5	2.52	<1	7	92	85	3.31	20	1.04	462	3	0.08	14	990	12	<5	<20	149	0.06	<10	70	<10	12	41
24	24081	<0.2	1.67	20	50	<5	2.53	<1	7	79	53	3.29	20	1.03	478	<1	0.08	13	950	10	<5	<20	139	0.06	<10	73	<10	11	41
25	24082	0.2	1.44	390	35	<5	3.26	<1	7	77	103	2.94	20	1.00	433	3	0.06	14	950	10	<5	<20	94	0.05	<10	66	<10	9	40

R.E. GALE & ASSOCIATES INC. CORE

ICP CERTIFICATE OF ANALYSIS AK 2002-328

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	24084	<0.2	1.57	350	35	<5	2.44	<1	13	70	94	3.35	20	1.07	449	<1	0.07	12	970	8	<5	<20	92	0.06	<10	69	<10	10	39
27	24085	0.2	1.56	270	40	<5	3.07	<1	11	75	100	3.08	20	1.22	445	3	0.06	14	990	8	<5	<20	103	0.05	<10	61	<10	10	32
28	24086	0.6	1.44	980	35	<5	3.02	<1	17	75	141	3.72	20	1.13	436	<1	0.06	14	890	10	<5	<20	130	0.06	<10	60	<10	10	32
29	24087	<0.2	1.48	565	40	<5	2.95	<1	10	88	71	3.04	20	1.04	481	3	0.07	12	930	10	<5	<20	91	0.05	<10	66	<10	11	35
30	24088	<0.2	1.41	875	35	<5	2.45	<1	15	71	95	3.16	20	0.96	406	<1	0.07	11	940	10	<5	<20	127	0.06	<10	64	<10	11	36
31	24089	0.4	1.68	385	65	<5	3.38	<1	12	66	86	3.07	20	1.06	468	2	0.07	14	960	12	<5	<20	245	0.05	<10	60	<10	11	40
32	24090	0.4	1.53	1530	35	<5	3.83	<1	14	63	89	2.94	20	1.00	524	1	0.07	14	910	12	<5	<20	229	0.05	<10	57	<10	11	40
33	24091	0.4	1.50	810	45	<5	2.45	<1	11	80	91	3.04	20	0.96	404	3	0.10	10	940	10	<5	<20	125	0.06	<10	69	<10	11	43
34	24092	0.2	1.62	110	45	<5	2.90	<1	9	73	94	3.33	20	1.02	470	2	0.08	13	980	10	<5	<20	144	0.06	<10	72	<10	11	43
35	24093	<0.2	1.60	95	40	<5	3.76	<1	7	65	63	3.02	20	1.01	554	2	0.06	15	910	12	<5	<20	181	0.05	<10	56	<10	11	41
36	24094	1.0	1.17	90	25	<5	1.61	<1	13	69	347	2.21	<10	0.75	223	2	0.10	12	860	8	<5	<20	25	0.10	<10	50	<10	7	31
37	24095	20.2	1.33	>10000	15	<5	1.15	<1	135	92	4713	7.11	10	1.02	159	7	0.06	12	810	2	20	<20	16	0.19	<10	49	<10	5	185
38	24096	0.8	1.28	220	25	<5	1.62	<1	14	80	290	2.39	<10	0.75	230	6	0.15	11	850	8	<5	<20	45	0.10	<10	56	<10	8	27
39	24097	0.4	1.49	35	30	<5	2.62	<1	13	86	218	2.75	<10	1.09	367	4	0.14	15	890	10	<5	<20	54	0.09	<10	79	<10	10	29
40	24098	1.0	1.69	1830	35	<5	3.25	<1	16	70	403	3.55	10	1.33	447	2	0.10	16	890	10	<5	<20	73	0.08	<10	87	<10	12	44
Q/C DATA																													
Resplit:																													
1	24051	<0.2	1.72	65	60	<5	2.14	<1	10	77	95	3.44	20	1.12	492	1	0.05	11	1000	12	<5	<20	88	0.06	<10	64	<10	11	45
36	24094	1.0	1.19	95	20	<5	1.64	<1	13	72	345	2.27	<10	0.75	216	2	0.10	12	880	10	<5	<20	24	0.11	<10	51	<10	8	31
Repeats:																													
1	24051	<0.2	1.67	45	70	<5	2.19	<1	9	71	95	3.34	20	1.09	488	<1	0.05	12	970	12	<5	<20	88	0.05	<10	62	<10	11	43
10	24063	<0.2	1.50	35	50	<5	2.68	<1	8	92	116	3.00	10	1.00	443	1	0.07	13	950	12	<5	<20	179	0.05	<10	63	<10	12	43
19	24074	<0.2	1.68	40	50	<5	2.64	<1	7	80	74	3.21	20	1.18	505	3	0.05	12	1000	10	<5	<20	152	0.05	<10	63	<10	9	46
36	24094	1.0	1.12	90	20	<5	1.56	<1	12	66	328	2.10	<10	0.71	204	1	0.10	10	830	8	<5	<20	23	0.10	<10	48	<10	7	30
Standards																													
GEO '02		1.6	1.81	55	140	<5	1.65	<1	20	75	87	3.69	10	1.00	625	<1	0.04	33	660	26	<5	<20	47	0.15	<10	79	<10	11	73
GEO '02		1.6	1.82	55	140	<5	1.68	<1	20	76	87	3.74	10	1.00	632	<1	0.04	34	660	24	<5	<20	49	0.16	<10	81	<10	11	73

JJ/ejd
df/326
XLS/02

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

11-Oct-02

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2002-381

R.E. GALE & ASSOCIATES INC.
107-2274 Folkestone Way
West Vancouver, BC
V7S 2X7

ATTENTION: Robert Gale

No. of samples received: 86
Sample type: Core
Project #: None Given
Shipment #: None Given
Samples submitted by: Robert Gale

Values in ppm unless otherwise reported CORE

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	24099	0.8	1.49	55	25	<5	3.28	<1	11	51	387	3.80	<10	1.19	420	7	0.08	10	1110	14	<5	<20	63	0.07	<10	83	<10	12	47
2	24100	0.8	1.45	40	25	<5	3.56	<1	12	56	305	3.46	<10	1.21	427	6	0.09	11	1170	12	<5	<20	80	0.06	<10	86	<10	12	34
3	64801	0.6	1.52	1195	45	5	4.78	<1	18	101	154	5.94	20	1.50	817	6	0.04	70	1610	14	<5	<20	193	0.08	<10	108	<10	20	42
4	64802	1.2	1.16	310	35	<5	4.87	<1	17	113	369	6.32	20	1.15	772	5	0.07	66	2390	10	<5	<20	132	0.12	<10	81	<10	17	33
5	64803	0.4	1.25	230	30	15	5.57	<1	17	115	150	5.35	20	1.35	970	6	0.07	63	1470	10	<5	<20	137	0.12	<10	111	<10	15	38
6	64804	<0.2	1.57	140	65	<5	4.63	<1	15	86	132	5.34	10	1.33	911	8	0.06	52	1100	12	<5	<20	138	0.08	<10	98	<10	13	35
7	64805	<0.2	1.51	<5	15	5	2.88	<1	14	57	68	3.66	<10	1.16	307	2	0.09	18	1240	12	<5	<20	27	0.12	<10	71	<10	10	18
8	64806	<0.2	1.51	<5	50	<5	1.56	<1	21	83	117	5.20	<10	1.41	310	5	0.06	38	1030	10	<5	<20	13	0.16	<10	59	<10	20	25
9	64807	<0.2	1.25	<5	25	10	1.12	<1	16	105	63	3.89	<10	1.15	237	3	0.05	72	770	10	<5	<20	16	0.15	<10	83	<10	11	21
10	64808	<0.2	1.58	<5	15	<5	1.10	<1	27	73	173	7.52	10	1.34	260	3	0.06	56	1130	10	<5	<20	31	0.16	<10	76	<10	12	27
11	64809	<0.2	1.38	10	10	<5	1.56	<1	18	84	76	4.36	<10	1.14	376	3	0.06	53	1210	10	<5	<20	22	0.13	<10	70	<10	9	27
12	64810	<0.2	0.94	<5	15	5	5.31	<1	19	80	70	3.85	<10	0.84	770	4	0.03	44	840	8	<5	<20	36	0.11	<10	44	<10	8	56
13	64811	<0.2	1.51	<5	55	<5	0.49	<1	16	75	127	5.08	10	1.05	994	7	0.04	35	1310	12	<5	<20	10	0.08	<10	71	<10	21	49
14	64812	<0.2	1.59	<5	50	<5	2.34	<1	13	71	99	4.35	<10	0.93	189	8	0.09	22	1320	12	<5	<20	187	0.09	<10	43	10	8	13
15	64813	<0.2	1.55	<5	25	<5	2.88	<1	9	47	33	3.09	<10	1.11	385	25	0.08	16	1440	12	<5	<20	39	0.11	<10	61	<10	9	19
16	64814	<0.2	1.50	<5	25	<5	3.58	<1	13	45	63	4.01	<10	1.00	515	2	0.07	11	1310	12	<5	<20	50	0.11	<10	57	<10	8	26
17	64815	<0.2	1.66	<5	10	10	4.05	<1	16	43	71	5.15	10	1.14	569	2	0.06	12	1450	14	<5	<20	33	0.13	<10	64	<10	10	28
18	64816	<0.2	1.50	5	25	<5	2.68	<1	12	49	44	3.66	<10	0.94	466	3	0.09	9	1400	12	<5	<20	88	0.12	<10	59	<10	9	24
19	64817	<0.2	1.69	295	35	10	2.41	<1	24	68	135	5.62	10	1.00	269	19	0.09	12	1400	14	<5	<20	84	0.11	<10	54	<10	9	19
20	64818	<0.2	1.31	15	40	<5	3.94	<1	9	56	36	2.85	<10	0.95	401	4	0.08	12	1400	12	<5	<20	71	0.09	<10	58	<10	8	20
21	64819	<0.2	0.94	<5	30	<5	4.32	<1	4	71	14	1.54	<10	0.67	336	26	0.06	10	1320	10	<5	<20	34	0.05	<10	42	<10	8	15
22	64820	<0.2	1.14	10	30	<5	3.06	<1	10	63	42	2.61	<10	0.81	469	2	0.07	10	1340	10	<5	<20	29	0.09	<10	54	<10	9	18
23	64821	<0.2	1.42	5	30	5	3.67	<1	11	63	65	3.57	10	0.96	502	4	0.07	11	1320	12	<5	<20	44	0.09	<10	61	<10	10	22
24	64822	<0.2	1.27	3850	45	10	3.23	<1	17	87	67	3.98	<10	0.91	401	11	0.04	35	910	12	<5	<20	48	0.08	<10	45	<10	12	23
25	64823	<0.2	1.26	35	65	<5	2.03	<1	13	102	50	3.51	<10	1.03	626	7	0.04	55	620	10	<5	<20	10	0.11	<10	62	<10	17	34

R.E. GALE & ASSOCIATES INC. CORE

ICP CERTIFICATE OF ANALYSIS AK 2002-381

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	64824	<0.2	1.08	5	155	<5	2.49	<1	11	80	65	3.22	10	0.86	556	6	0.05	32	1070	8	<5	<20	23	0.10	<10	56	<10	22	26
27	64825	<0.2	1.10	15	25	<5	1.54	<1	13	95	71	3.51	<10	0.96	445	6	0.05	53	570	10	<5	<20	11	0.09	<10	63	<10	17	32
28	64826	<0.2	1.33	10	35	5	1.53	<1	14	88	56	3.67	<10	1.17	490	16	0.05	58	530	12	<5	<20	30	0.10	<10	66	<10	17	35
29	64827	<0.2	1.34	<5	65	5	2.51	<1	15	88	70	3.53	<10	1.12	410	5	0.07	78	890	12	<5	<20	53	0.13	<10	73	<10	18	23
30	64828	<0.2	1.28	10	30	10	2.39	<1	14	90	76	3.32	<10	1.17	442	6	0.05	80	680	12	<5	<20	51	0.11	<10	84	<10	16	22
31	64829	<0.2	1.51	<5	35	<5	2.27	<1	10	62	35	2.98	20	1.03	339	7	0.10	7	1770	16	<5	<20	66	0.10	<10	63	<10	9	19
32	64830	<0.2	1.64	<5	25	<5	3.15	<1	14	56	76	3.96	<10	0.97	376	4	0.07	10	1290	16	<5	<20	81	0.10	<10	55	<10	9	22
33	64831	<0.2	0.83	>10000	15	15	1.77	<1	37	97	117	7.58	<10	0.41	65	54	0.03	17	720	8	<5	<20	8	0.08	<10	15	<10	7	15
34	64832	<0.2	1.51	25	20	<5	4.14	<1	13	46	57	3.96	10	1.04	599	5	0.06	10	1380	14	<5	<20	30	0.10	<10	65	<10	10	26
35	64833	<0.2	1.46	10	30	<5	4.61	<1	11	49	66	3.72	10	1.00	512	4	0.06	10	1340	14	<5	<20	48	0.09	<10	61	<10	10	24
36	64834	<0.2	1.34	7180	40	<5	2.97	<1	21	64	90	5.39	10	0.89	313	6	0.06	15	1310	12	<5	<20	67	0.08	<10	47	<10	8	19
37	17601	4.2	1.35	9160	20	<5	2.48	<1	50	56	849	4.67	<10	1.01	312	3	0.07	10	920	12	<5	<20	44	0.08	<10	56	<10	9	60
38	17602	3.4	1.46	45	25	<5	3.36	<1	10	54	703	3.94	<10	1.14	400	3	0.08	10	1250	14	<5	<20	68	0.09	<10	75	<10	12	51
39	17603	0.4	1.63	30	30	<5	2.80	<1	15	69	251	4.48	<10	1.05	387	4	0.12	10	1290	16	<5	<20	72	0.10	<10	79	10	11	35
40	17604	0.2	1.52	75	25	<5	3.42	<1	10	68	153	3.65	<10	0.93	444	4	0.13	10	1270	16	<5	<20	81	0.08	<10	78	<10	11	38
41	17605	0.6	1.66	330	30	<5	3.05	<1	11	46	153	4.49	<10	1.17	454	5	0.08	8	1210	18	<5	<20	108	0.07	<10	74	<10	11	39
42	17606	<0.2	1.40	170	30	<5	2.39	<1	10	61	124	3.21	<10	1.04	363	8	0.10	9	1210	16	<5	<20	62	0.08	<10	69	<10	9	33
43	17607	<0.2	1.35	30	25	<5	2.59	<1	10	52	125	3.31	<10	0.99	393	5	0.09	10	1270	16	<5	<20	84	0.06	<10	67	<10	10	31
44	17608	<0.2	1.47	40	25	<5	3.22	<1	9	52	108	3.63	<10	1.05	438	5	0.08	11	1240	16	<5	<20	118	0.05	<10	67	<10	11	35
45	17609	0.6	1.61	855	45	<5	2.96	<1	13	68	195	4.18	<10	1.06	479	6	0.07	11	1230	18	<5	<20	164	0.05	<10	59	<10	12	43
46	17610	0.4	1.55	180	25	<5	2.09	<1	17	60	216	4.06	<10	1.05	354	3	0.11	11	1250	18	<5	<20	39	0.11	<10	83	<10	10	36
47	17611	0.4	1.21	<5	20	<5	1.50	<1	12	67	157	3.14	<10	0.67	243	3	0.13	10	1260	14	<5	<20	50	0.12	<10	63	<10	7	31
48	17612	<0.2	1.34	<5	20	<5	2.01	<1	14	53	148	3.73	<10	0.95	331	4	0.11	9	1280	16	<5	<20	52	0.12	<10	75	10	10	32
49	17613	<0.2	1.36	45	25	<5	2.35	<1	12	59	141	3.51	<10	0.90	339	2	0.11	11	1280	16	<5	<20	42	0.09	<10	71	<10	10	29
50	17614	<0.2	1.22	745	30	<5	1.77	<1	19	68	157	3.11	<10	0.70	252	4	0.11	13	1210	14	<5	<20	35	0.10	<10	60	<10	7	26
51	17615	0.6	0.95	3910	15	<5	1.93	<1	17	65	130	2.29	<10	0.56	246	4	0.11	9	1210	14	<5	<20	30	0.07	<10	48	<10	6	30
52	17616	<0.2	1.35	5	20	<5	2.67	<1	13	58	143	3.60	<10	0.97	416	2	0.09	13	1330	16	<5	<20	32	0.12	<10	92	<10	9	42
53	17617	0.4	2.09	<5	25	<5	3.97	<1	19	49	335	5.94	10	1.50	642	2	0.09	17	1540	22	<5	<20	46	0.14	<10	126	10	12	60
54	17618	0.6	1.89	1015	30	<5	4.71	<1	24	46	240	5.47	10	1.13	449	4	0.05	12	1460	20	<5	<20	41	0.08	<10	40	10	11	60
55	17619	<0.2	3.34	245	45	<5	2.92	<1	21	54	356	7.65	10	1.50	540	2	0.22	20	1400	34	<5	<20	82	0.16	<10	129	<10	12	72
56	17620	<0.2	1.67	<5	25	<5	3.19	<1	23	42	192	6.02	<10	1.29	540	<1	0.09	19	1340	18	<5	<20	71	0.17	<10	147	<10	13	51
57	17621	<0.2	1.59	10	25	<5	3.94	<1	19	43	168	5.06	<10	1.18	593	<1	0.10	20	1570	18	<5	<20	68	0.16	<10	144	<10	11	41
58	17622	<0.2	1.31	50	25	<5	3.01	<1	17	37	119	4.34	<10	0.98	477	<1	0.10	15	1290	14	<5	<20	55	0.15	<10	109	<10	11	40
59	17623	0.4	1.08	220	10	<5	2.48	<1	20	44	222	4.69	<10	0.75	343	<1	0.08	15	1060	10	<5	<20	32	0.12	<10	65	<10	11	35
60	17624	0.8	1.54	960	65	<5	2.32	<1	15	81	225	4.16	<10	1.11	570	4	0.12	15	1560	20	<5	<20	95	0.10	<10	67	<10	7	54

R.E. GALE & ASSOCIATES INC. CORE

ICP CERTIFICATE OF ANALYSIS AK 2002-381

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	17625	0.4	1.72	1460	65	<5	2.87	<1	14	75	170	4.18	<10	1.22	602	5	0.09	23	1470	20	<5	<20	165	0.08	<10	78	<10	10	47
62	17626	0.6	1.73	2815	50	<5	2.45	<1	17	72	199	5.12	10	1.27	552	4	0.12	28	1490	20	<5	<20	138	0.09	<10	77	<10	9	50
63	17627	0.6	1.71	6665	35	<5	2.59	<1	22	97	228	5.79	10	1.15	498	5	0.16	33	1630	20	<5	<20	163	0.11	<10	79	<10	9	46
64	17628	0.8	1.54	>10000	35	<5	4.39	<1	22	114	370	8.91	20	1.35	978	5	0.05	68	1310	16	<5	<20	258	0.13	<10	101	<10	15	54
65	17629	0.8	1.16	8780	40	<5	3.74	<1	42	152	331	8.82	20	1.12	813	6	0.05	98	1170	12	<5	<20	131	0.15	<10	89	20	15	49
66	17630	0.6	1.42	2990	50	<5	4.55	<1	19	133	236	6.97	10	1.36	828	6	0.05	60	1580	16	<5	<20	55	0.14	<10	90	10	15	39
67	17631	1.0	2.33	1750	25	<5	5.73	<1	19	98	377	9.85	20	2.09	1071	4	0.04	51	1490	48	<5	<20	147	0.13	<10	99	20	16	90
68	17632	<0.2	2.21	245	60	<5	4.40	<1	21	84	193	6.77	20	1.80	780	5	0.06	46	1250	26	<5	<20	374	0.09	<10	114	10	16	47
69	17633	<0.2	1.40	335	65	<5	4.06	<1	14	103	204	5.09	10	1.30	730	8	0.07	46	1160	16	<5	<20	220	0.10	<10	94	<10	14	39
70	17634	0.4	1.04	305	20	<5	3.36	<1	28	142	361	8.92	10	1.01	477	13	0.07	84	2020	10	10	<20	89	0.16	<10	87	<10	17	35
71	17635	<0.2	1.34	440	50	<5	2.64	<1	14	100	220	4.10	20	1.08	463	6	0.06	56	910	6	<5	<20	136	0.07	<10	93	<10	11	22
72	17636	<0.2	1.17	795	60	<5	2.29	<1	15	124	188	3.77	20	1.04	447	7	0.06	78	1600	8	<5	<20	118	0.08	<10	114	<10	15	50
73	17637	<0.2	1.81	130	25	<5	3.95	<1	14	46	157	4.54	20	1.38	727	2	0.07	21	1410	12	<5	<20	355	0.06	<10	78	<10	13	28
74	17638	<0.2	1.47	235	20	<5	3.32	<1	14	54	194	4.04	20	1.31	738	3	0.09	20	1160	8	<5	<20	216	0.07	<10	107	<10	11	28
75	17639	<0.2	1.34	255	25	<5	3.63	<1	15	53	209	3.93	20	1.03	750	3	0.07	20	1060	8	<5	<20	243	0.06	<10	80	<10	12	28
76	17640	0.6	1.19	1345	45	5	2.48	<1	18	75	145	3.17	10	0.97	371	6	0.03	30	770	8	<5	<20	120	0.04	<10	35	<10	11	26
77	17641	0.2	1.22	295	30	5	2.68	<1	20	101	98	2.85	10	1.07	434	4	0.03	53	560	8	<5	<20	135	0.04	<10	60	<10	9	23
78	17642	0.4	1.09	170	40	<5	3.15	<1	24	119	396	5.80	30	1.25	435	3	0.06	85	1510	4	<5	<20	140	0.12	<10	80	<10	17	26
79	17643	<0.2	1.15	75	60	<5	3.49	<1	11	127	85	3.11	20	1.17	521	4	0.05	69	890	6	<5	<20	183	0.06	<10	94	<10	16	25
80	17644	0.4	1.17	60	30	10	3.06	<1	15	106	358	5.69	20	1.20	470	3	0.07	58	900	6	<5	<20	158	0.10	<10	64	<10	12	26
81	17645	<0.2	1.26	130	70	5	2.96	<1	12	118	129	3.43	20	1.10	480	5	0.04	68	790	10	<5	<20	196	0.05	<10	73	<10	13	28
82	17646	<0.2	1.42	135	40	20	5.07	<1	13	117	231	4.75	30	1.43	885	4	0.06	82	1680	8	<5	<20	214	0.08	<10	88	<10	21	33
83	17647	<0.2	1.25	240	50	20	3.69	<1	11	112	114	3.58	20	1.30	672	4	0.04	86	910	8	<5	<20	194	0.05	<10	87	<10	17	27
84	17648	0.4	1.32	350	45	25	4.47	<1	17	119	262	5.95	30	1.55	798	4	0.06	72	1480	8	<5	<20	250	0.10	<10	83	<10	15	31
85	17649	0.6	1.03	150	45	65	4.52	<1	13	113	272	5.33	20	1.07	824	5	0.08	57	1160	8	<5	<20	173	0.11	<10	62	<10	14	26
86	17650	0.4	1.13	665	40	<5	3.10	<1	12	120	162	4.07	20	1.13	663	5	0.04	73	930	12	<5	<20	130	0.06	<10	71	<10	15	28
Resplit:																													
1	24099	1.0	1.53	70	20	<5	3.41	<1	12	48	397	3.97	<10	1.22	440	6	0.08	<1	1210	14	<5	<20	61	0.07	<10	86	<10	13	41
36	64834	<0.2	1.34	7180	40	<5	2.97	<1	21	64	90	5.39	10	0.89	313	6	0.06	<1	1310	12	<5	<20	67	0.08	<10	47	<10	8	19
71	17635	<0.2	1.30	445	50	<5	2.73	<1	14	96	218	4.18	20	1.05	466	5	0.06	58	950	8	<5	<20	125	0.07	<10	92	<10	11	23

R.E. GALE & ASSOCIATES INC. CORE

ICP CERTIFICATE OF ANALYSIS AK 2002-381

ECO TECH LABORATORY LTD.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Repeat:																													
1	24099	1.0	1.53	60	20	<5	3.32	<1	11	52	385	3.84	<10	1.21	426	6	0.08	10	1130	14	<5	<20	62	0.07	<10	84	<10	12	47
10	64808	<0.2	1.60	<5	15	<5	1.12	<1	27	73	173	7.59	10	1.34	263	2	0.06	56	1140	12	<5	<20	31	0.17	<10	77	<10	13	28
19	64817	<0.2	1.69	320	40	10	2.44	<1	24	67	136	5.65	10	1.00	264	18	0.09	12	1380	14	<5	<20	87	0.11	<10	54	<10	9	19
36	64834	<0.2	1.29	7460	30	<5	2.98	<1	21	58	87	5.37	<10	0.88	313	6	0.05	13	1360	14	<5	<20	62	0.08	<10	46	10	9	20
45	17609	0.4	1.62	800	45	<5	3.01	<1	13	65	196	4.23	<10	1.07	485	5	0.07	10	1260	16	<5	<20	167	0.06	<10	59	<10	12	44
54	17618	1.0	1.85	965	30	<5	4.65	<1	23	44	238	5.39	10	1.11	447	3	0.05	12	1420	18	<5	<20	41	0.07	<10	39	<10	11	58
71	17635	0.2	1.35	450	50	<5	2.70	<1	14	103	219	4.22	20	1.10	474	6	0.06	57	970	8	<5	<20	134	0.07	<10	94	<10	11	23
Standard:																													
GEO '02		1.2	1.57	60	140	<5	1.62	<1	20	64	86	3.66	10	0.92	618	<1	0.04	31	780	12	<5	<20	35	0.12	<10	71	<10	10	69
GEO '02		1.4	1.61	50	140	<5	1.86	<1	23	66	86	3.78	10	0.93	673	<1	0.03	30	800	24	10	<20	33	0.15	<10	73	<10	12	72
GEO '02		1.4	1.59	55	145	<5	1.87	<1	24	67	86	3.69	<10	0.92	681	<1	0.03	31	820	24	10	<20	33	0.14	<10	73	<10	11	72

JJ/kk
df/371/373
XLS/02

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

CORE

TO: R.E. GALE AND ASSOCIATE INC.
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Date : 18-Sep-2002
Account: CNF

Project : ROCK CREEK

CERTIFICATE OF ANALYSIS VA02003411

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	As-AA45 As ppm 1	As-AA46 As % 0.01
024054		1.72	1.135	>10000	2.49
024058		6.42	0.161	528	
024062		5.38	0.122	1675	
024064		3.78	0.066	642	

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
Aurora Laboratory Services Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: R.E. GALE AND ASSOCIATE INC.
107- 2274 FOLKSTONE WAY
WEST VANCOUVER BC V7S 2X7

Date : 24-Sep-2002
Account: CNF

Project : Rock Creek

CORE

CERTIFICATE OF ANALYSIS VA02003453

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02	Au-AA23 Au ppm 0.005	As-AA45 As ppm 1	Cu-AA45 Cu ppm 1	As-AA46 As % 0.01
024070		3.28	0.168	239		
024075		3.76	0.167	194		
024078		4.10	0.104	251	111	
024083		4.24	2.12	>10000		2.55

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE CC:R.POLLOCK

Certificate Date: 17-JUN-2002
Invoice No. : I0217870
P.O. Number :
Account : CNF

** CORRECTED COPY SOILS

CERTIFICATE OF ANALYSIS A0217870

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
79+50N 10,100E	94069400	0.36	< 5	< 0.2	1.95	78	< 10	120	0.5	< 2	0.14	< 0.5	5	8	18	1.50	< 10	< 1	0.04	< 10
79+50N 10,125E	94069400	0.36	< 5	< 0.2	1.58	44	< 10	120	< 0.5	< 2	0.09	< 0.5	4	7	7	1.50	< 10	< 1	0.04	< 10
79+50N 10,150E	94069400	0.44	20	< 0.2	1.78	190	< 10	60	0.5	< 2	0.17	< 0.5	4	10	22	2.21	< 10	< 1	0.04	< 10
79+50N 10,175E	94069400	0.28	40	0.4	2.83	236	< 10	80	0.5	2	0.51	< 0.5	5	7	51	1.73	< 10	< 1	0.05	< 10
79+50N 10,200E	94069400	0.36	15	< 0.2	1.42	56	< 10	70	0.5	2	0.47	< 0.5	5	9	23	1.65	< 10	< 1	0.05	< 10
79+50N 10,225E	94069400	0.26	15	< 0.2	1.92	154	< 10	90	0.5	< 2	0.30	< 0.5	5	8	64	1.68	< 10	< 1	0.05	< 10
79+50N 10,250E	94069400	0.34	10	< 0.2	1.42	74	< 10	40	< 0.5	< 2	0.19	< 0.5	5	11	17	1.89	< 10	< 1	0.04	< 10
80+00N 10,125E	94069400	0.32	15	< 0.2	2.93	30	< 10	110	0.5	< 2	0.18	< 0.5	5	7	17	1.70	< 10	< 1	0.05	< 10
80+00N 10,150E	94069400	0.42	5	< 0.2	1.80	36	< 10	80	0.5	< 2	0.16	< 0.5	5	8	11	1.50	< 10	< 1	0.04	< 10
80+00N 10,175E	94069400	0.40	10	< 0.2	2.32	68	< 10	120	0.5	< 2	0.20	< 0.5	5	11	23	1.83	< 10	< 1	0.06	< 10
80+00N 10,200E	94069400	0.38	< 5	< 0.2	1.92	22	< 10	150	0.5	< 2	0.18	< 0.5	4	8	8	1.45	< 10	< 1	0.06	< 10
80+00N 10,225E	94069400	0.50	45	< 0.2	2.24	50	< 10	80	0.5	< 2	0.10	< 0.5	6	12	24	1.97	< 10	< 1	0.04	< 10
80+00N 10,250E	94069400	0.30	< 5	< 0.2	1.44	100	< 10	100	< 0.5	< 2	0.14	< 0.5	4	7	19	1.40	< 10	< 1	0.05	< 10
80+25N 10,185E	94069400	0.44	5	< 0.2	1.82	24	< 10	170	0.5	< 2	0.14	< 0.5	4	9	9	1.51	< 10	< 1	0.05	< 10
80+25N 10,195E	94069400	0.48	5	< 0.2	1.84	40	< 10	120	< 0.5	< 2	0.11	< 0.5	4	7	9	1.38	< 10	< 1	0.05	< 10
80+25N 10,205E	94069400	0.44	< 5	0.2	2.30	110	< 10	130	0.5	2	0.10	< 0.5	5	9	17	1.88	< 10	< 1	0.05	< 10
80+25N 10,215E	94069400	0.54	5	< 0.2	1.55	56	< 10	100	< 0.5	< 2	0.15	< 0.5	4	8	12	1.57	< 10	< 1	0.05	< 10

CERTIFICATION: _____

** FOR SAMPLE DESCRIPTION

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: GALE, R. E.

107 - 2274 FOLKESTONE WAY
WEST VANCOUVER, BC
V7S 2X7

Project :
Comments: ATTN: R.E. GALE CC:R.POLLOCK

Page Number :1-B
Total Pages :1
Certificate Date: 17-JUN-2002
Invoice No. :I0217870
P.O. Number :
Account :CNF

** CORRECTED COPY 5017L5

CERTIFICATE OF ANALYSIS A0217870

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
79+50N 10,100E	94069400	0.15	250	1	0.01	8	550	8	< 0.01	< 2	1	20	0.08	< 10	< 10	26	< 10	34
79+50N 10,125E	94069400	0.11	465	1	0.01	6	1940	8	< 0.01	< 2	< 1	18	0.07	< 10	< 10	26	< 10	56
79+50N 10,150E	94069400	0.19	175	< 1	0.01	6	3250	6	0.01	< 2	1	17	0.07	< 10	< 10	34	< 10	54
79+50N 10,175E	94069400	0.16	190	< 1	0.03	6	550	4	0.01	< 2	3	53	0.10	< 10	< 10	26	< 10	44
79+50N 10,200E	94069400	0.18	455	1	0.01	7	390	8	< 0.01	< 2	1	49	0.05	< 10	< 10	28	< 10	100
79+50N 10,225E	94069400	0.17	150	< 1	0.02	9	200	8	< 0.01	< 2	1	35	0.07	< 10	< 10	27	< 10	46
79+50N 10,250E	94069400	0.19	95	1	0.01	8	150	6	< 0.01	< 2	1	22	0.07	< 10	< 10	39	< 10	30
80+00N 10,125E	94069400	0.12	630	< 1	0.02	7	1900	6	< 0.01	< 2	2	25	0.11	< 10	< 10	29	< 10	64
80+00N 10,150E	94069400	0.12	395	< 1	0.01	7	470	8	0.01	< 2	1	27	0.08	< 10	< 10	26	< 10	56
80+00N 10,175E	94069400	0.19	210	1	0.01	7	1470	6	< 0.01	< 2	1	27	0.07	< 10	< 10	31	< 10	46
80+00N 10,200E	94069400	0.13	375	1	0.01	7	1330	2	< 0.01	< 2	1	26	0.08	< 10	< 10	24	< 10	42
80+00N 10,225E	94069400	0.19	175	1	0.01	10	1050	14	0.01	< 2	2	14	0.09	< 10	< 10	36	< 10	58
80+00N 10,250E	94069400	0.10	650	1	0.01	6	1020	8	0.02	< 2	< 1	16	0.06	< 10	< 10	24	< 10	46
80+25N 10,185E	94069400	0.14	280	1	0.01	7	1780	6	< 0.01	< 2	1	21	0.07	< 10	< 10	25	< 10	42
80+25N 10,195E	94069400	0.13	425	1	0.01	8	1240	4	0.01	< 2	1	16	0.08	< 10	< 10	23	< 10	48
80+25N 10,205E	94069400	0.15	100	1	0.01	9	430	6	0.01	< 2	1	19	0.08	< 10	< 10	33	< 10	40
80+25N 10,215E	94069400	0.13	250	1	0.01	7	1200	2	< 0.01	< 2	1	24	0.07	< 10	< 10	28	< 10	44

CERTIFICATION:_____

** FOR SAMPLE DESCRIPTION

CORE

Eco Tech LABORATORY LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-328

R.E. GALE & ASSOCIATES INC.
107 - 2274 Folkestone Way
West Vancouver, BC
V7S 2X7

25-Sep-02

ATTENTION: R.E. Gale

No. of samples received: 40
Sample type: Core
Project #: None given
Shipment #: None given
Samples submitted by: R. E. Gale

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	24051	0.09	0.003
2	24052	0.14	0.004
3	24053	0.16	0.005
4	24055	0.14	0.004
5	24056	0.09	0.003
6	24057	0.29	0.008
7	24059	0.16	0.005
8	24060	0.09	0.003
9	24061	0.10	0.003
10	24063	0.06	0.002
11	24065	0.08	0.002
12	24066	0.12	0.003
13	24067	0.11	0.003
14	24068	0.07	0.002
15	24069	0.13	0.004
16	24071	0.14	0.004
17	24072	0.30	0.009
18	24073	0.08	0.002
19	24074	0.06	0.002
20	24076	0.14	0.004
21	24077	0.11	0.003
22	24079	0.10	0.003
23	24080	0.42	0.012
24	24081	0.26	0.008
25	24082	0.14	0.004

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

CORE

R.E. GALE & ASSOCIATES INC.

25-Sep-02

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	24084	0.26	0.008
27	24085	0.13	0.004
28	24086	0.23	0.007
29	24087	0.48	0.014
30	24088	0.24	0.007
31	24089	0.29	0.008
32	24090	0.24	0.007
33	24091	0.37	0.011
34	24092	0.11	0.003
35	24093	0.11	0.003
36	24094	0.09	0.003
37	24095	7.53	0.220
38	24096	0.12	0.003
39	24097	0.08	0.002
40	24098	0.45	0.013

QC DATA:

Resplit:

1	24051	0.09	0.003
36	24094	0.09	0.003

Repeat:

1	24051	0.09	0.003
10	24063	1.45	0.042
19	24074	0.08	0.002

Au Checks

10	24063	0.06	0.002
18	24073	0.08	0.002
19	24074	0.06	0.002
20	24076	0.14	0.004
37	24095	10.70	0.312

Standard:

STD-M		1.85	0.054
STD-M		1.86	0.054

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/02

CORE

Eco Tech LABORATORY LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-381

R.E. GALE & ASSOCIATES INC.
107-2274 Folkestone Way
West Vancouver, BC
V7S 2X7

8-Oct-02

ATTENTION: Robert Gale

No. of samples received: 86
Sample type: Core
Project #: None Given
Shipment #: None Given
Samples submitted by: Robert Gale

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	24099	0.17	0.005
2	24100	0.44	0.013
3	64801	0.13	0.004
4	64802	0.28	0.008
5	64803	0.30	0.009
6	64804	0.33	0.010
7	64805	<0.03	<0.001
8	64806	<0.03	<0.001
9	64807	<0.03	<0.001
10	64808	0.03	0.001
11	64809	<0.03	<0.001
12	64810	<0.03	<0.001
13	64811	<0.03	<0.001
14	64812	<0.03	<0.001
15	64813	<0.03	<0.001
16	64814	0.05	0.001
17	64815	0.06	0.002
18	64816	0.03	0.001
19	64817	0.60	0.017
20	64818	<0.03	<0.001
21	64819	<0.03	<0.001
22	64820	<0.03	<0.001
23	64821	<0.03	<0.001
24	64822	0.11	0.003
25	64823	<0.03	<0.001
26	64824	<0.03	<0.001

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

CORE

R.E. GALE & ASSOCIATES INC. AK 2002-381

8-Oct-02

ET #.	Tag #	Au (g/t)	Au (oz/t)
27	64825	<0.03	<0.001
28	64826	<0.03	<0.001
29	64827	<0.03	<0.001
30	64828	<0.03	<0.001
31	64829	0.05	0.001
32	64830	<0.03	<0.001
33	64831	0.58	0.017
34	64832	<0.03	<0.001
35	64833	<0.03	<0.001
36	64834	0.17	0.005
37	17601	1.00	0.029
38	17602	0.21	0.006
39	17603	0.07	0.002
40	17604	0.09	0.003
41	17605	0.35	0.010
42	17606	0.17	0.005
43	17607	0.09	0.003
44	17608	0.24	0.007
45	17609	0.17	0.005
46	17610	0.03	0.001
47	17611	<0.03	<0.001
48	17612	0.06	0.002
49	17613	<0.03	<0.001
50	17614	0.10	0.003
51	17615	0.93	0.027
52	17616	0.06	0.002
53	17617	0.07	0.002
54	17618	0.56	0.016
55	17619	0.49	0.014
56	17620	0.20	0.006
57	17621	0.10	0.003
58	17622	0.10	0.003
59	17623	0.35	0.010
60	17624	0.45	0.013
61	17625	0.14	0.004
62	17626	0.08	0.002
63	17627	0.37	0.011
64	17628	0.38	0.011
65	17629	0.45	0.013
66	17630	0.13	0.004
67	17631	0.17	0.005
68	17632	0.06	0.002
69	17633	0.16	0.005
70	17634	0.21	0.006
71	17635	0.10	0.003
72	17636	0.17	0.005

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

CORE

R.E. GALE & ASSOCIATES INC. AK 2002-381

8-Oct-02

ET #.	Tag #	Au (g/t)	Au (oz/t)
73	17637	0.04	0.001
74	17638	0.06	0.002
75	17639	0.13	0.004
76	17640	0.23	0.007
77	17641	0.14	0.004
78	17642	0.41	0.012
79	17643	0.06	0.002
80	17644	0.19	0.006
81	17645	0.07	0.002
82	17646	0.12	0.003
83	17647	0.22	0.006
84	17648	0.46	0.013
85	17649	0.40	0.012
86	17650	0.09	0.003
QC DATA:			
Resplit:			
1	24099	0.16	0.005
36	64834	0.18	0.005
71	17635	0.10	0.003
Repeat:			
1	24099	0.16	0.005
10	64808	0.03	0.001
19	64817	0.67	0.020
36	64834	0.19	0.006
45	17609	0.17	0.005
54	17618	0.53	0.015
71	17635	0.11	0.003
Standard:			
PM171		1.38	0.040
PM171		1.40	0.041
PM171		1.40	0.041

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/02
CC: Jonpol Explorations Ltd.

Eco Tech LABORATORY LTD.

CORE
ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 Dallas Drive, Kamloops, B.C. V2C 6T4
Phone (250) 573-5700 Fax (250) 573-4557
email: ecotech@direct.ca

CERTIFICATE OF ASSAY AK 2002-328

R.E. GALE & ASSOCIATES INC.
107 - 2274 Folkestone Way
West Vancouver, BC
V7S 2X7

1-Oct-02

ATTENTION: R.E. Gale

No. of samples received: 40
Sample type: Core
Project #: None given
Shipment #: None given
Samples submitted by: R. E. Gale

Metallic Assay

ET #.	Tag #	Au (g/t)	Au (oz/t)
37	24095	10.76	0.314

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kk
XLS/02

10,000E

1300 1280 1260 1240 1220 1200

WARD 3

WARD 4

WARD 3 4S 0E

WARD 4 4S 0W

8000 N

02-1 (-90°)

02-2

02-3

02-4

02-5

02-6

50

70

LEGEND

- 1 Chert
- 2 Pyrite-quartz
- 3 Diorite
- 4 Porphyry dyke

- Outcrop
- Inferred contact
- Fault
- Porphyry dyke
- Fracture
- Drillhole
- Prospect pit
- Claim I.D. post

0 50 100 METRES

Contours approximate 20 metres interval

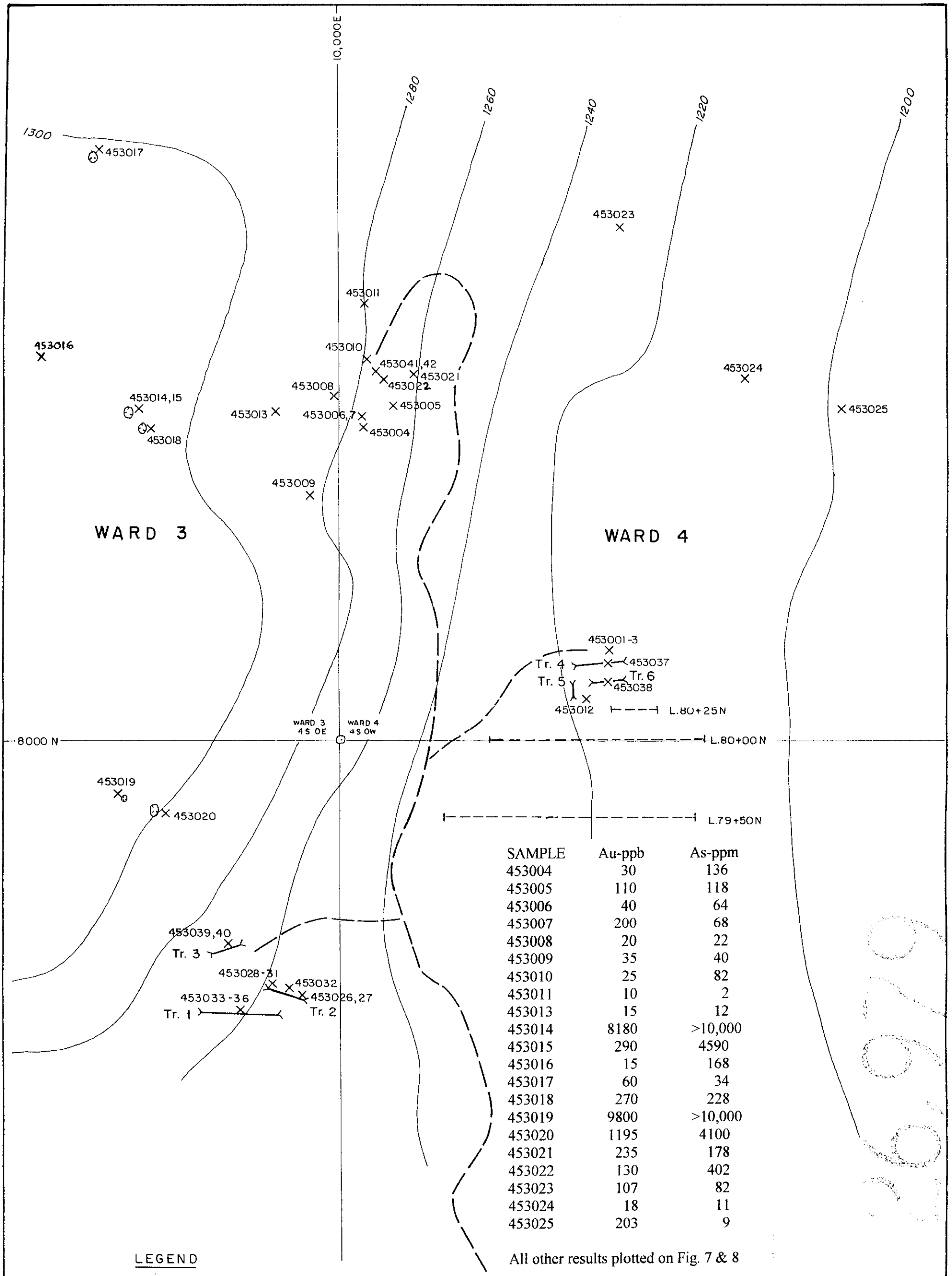
JONPOL EXPLORATIONS LTD.

WARD GROUP
SOUTH ZONE
GEOLOGY & DRILLHOLES

R. E. GALE & ASSOCIATES INC. CONSULTANTS

DATE:	SCALE:	FIGURE:
OCT. 2002	1 : 2500	4

CHONG



SAMPLE	Au-ppb	As-ppm
453004	30	136
453005	110	118
453006	40	64
453007	200	68
453008	20	22
453009	35	40
453010	25	82
453011	10	2
453013	15	12
453014	8180	>10,000
453015	290	4590
453016	15	168
453017	60	34
453018	270	228
453019	9800	>10,000
453020	1195	4100
453021	235	178
453022	130	402
453023	107	82
453024	18	11
453025	203	9

All other results plotted on Fig. 7 & 8

LEGEND

- Rock sample site
- Soil sampling line
- Excavator trench
- Prospect pit
- Claim I.D. post
- 4 - wheel drive trail

0 50 100 METRES

Contours approximate 20metres interval

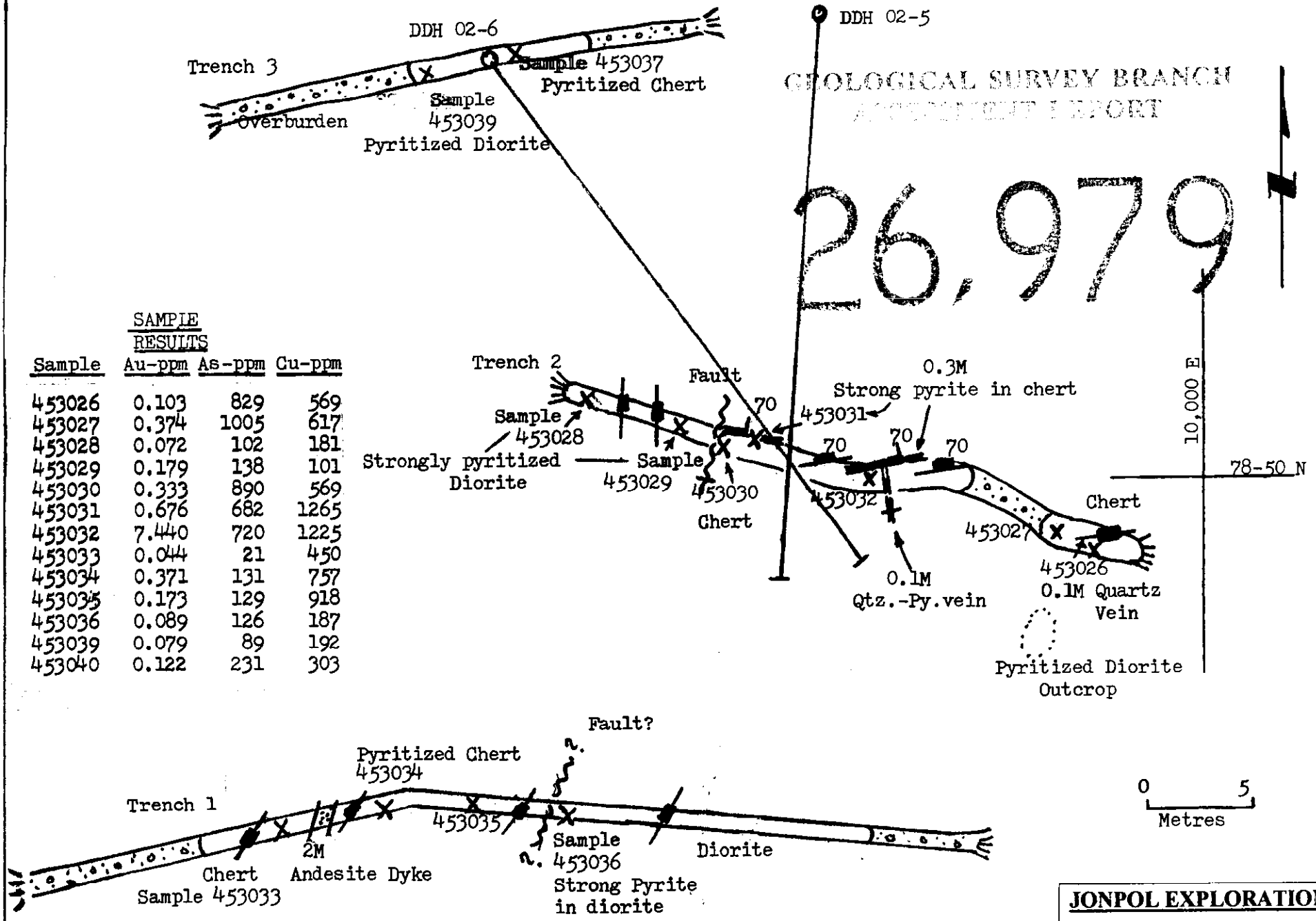
JONPOL EXPLORATIONS LTD.

WARD GROUP
SOUTH ZONE
SAMPLE LOCATIONS

R. E. GALE & ASSOCIATES INC. CONSULTANTS

DATE:	SCALE:	FIGURE:
OCT. 2002	1:2500	5

CHONG



SAMPLE RESULTS

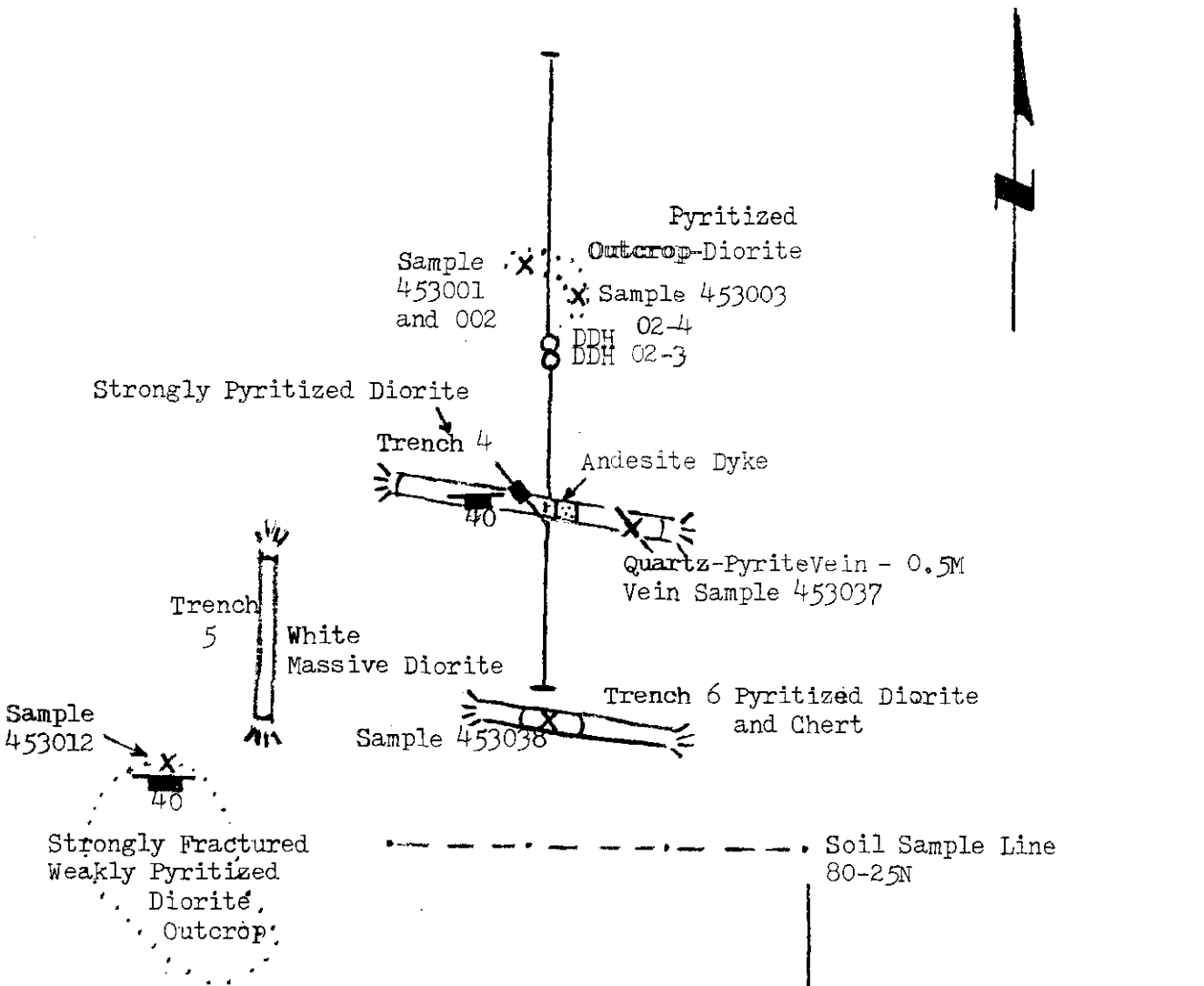
Sample	Au-ppm	As-ppm	Cu-ppm
453026	0.103	829	569
453027	0.374	1005	617
453028	0.072	102	181
453029	0.179	138	101
453030	0.333	890	569
453031	0.676	682	1265
453032	7.440	720	1225
453033	0.044	21	450
453034	0.371	131	757
453035	0.173	129	918
453036	0.089	126	187
453039	0.079	89	192
453040	0.122	231	303

JONPOL EXPLORATIONS LTD.

WARD GROUP
TRENCH 1,2,3 GEOLOGY

R.E. GALE & ASSOCIATES INC.

Oct. 2002 Scale 1:250 Fig.7



ROCK SAMPLE RESULTS	Au-ppb	As-ppm
453012	1665	1330
453037	1825	279
453038	347	180
453001	95	48
453002	250	110
453003	60	92

SCALE 1:500

0 10 20

Metres

GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT

26,979

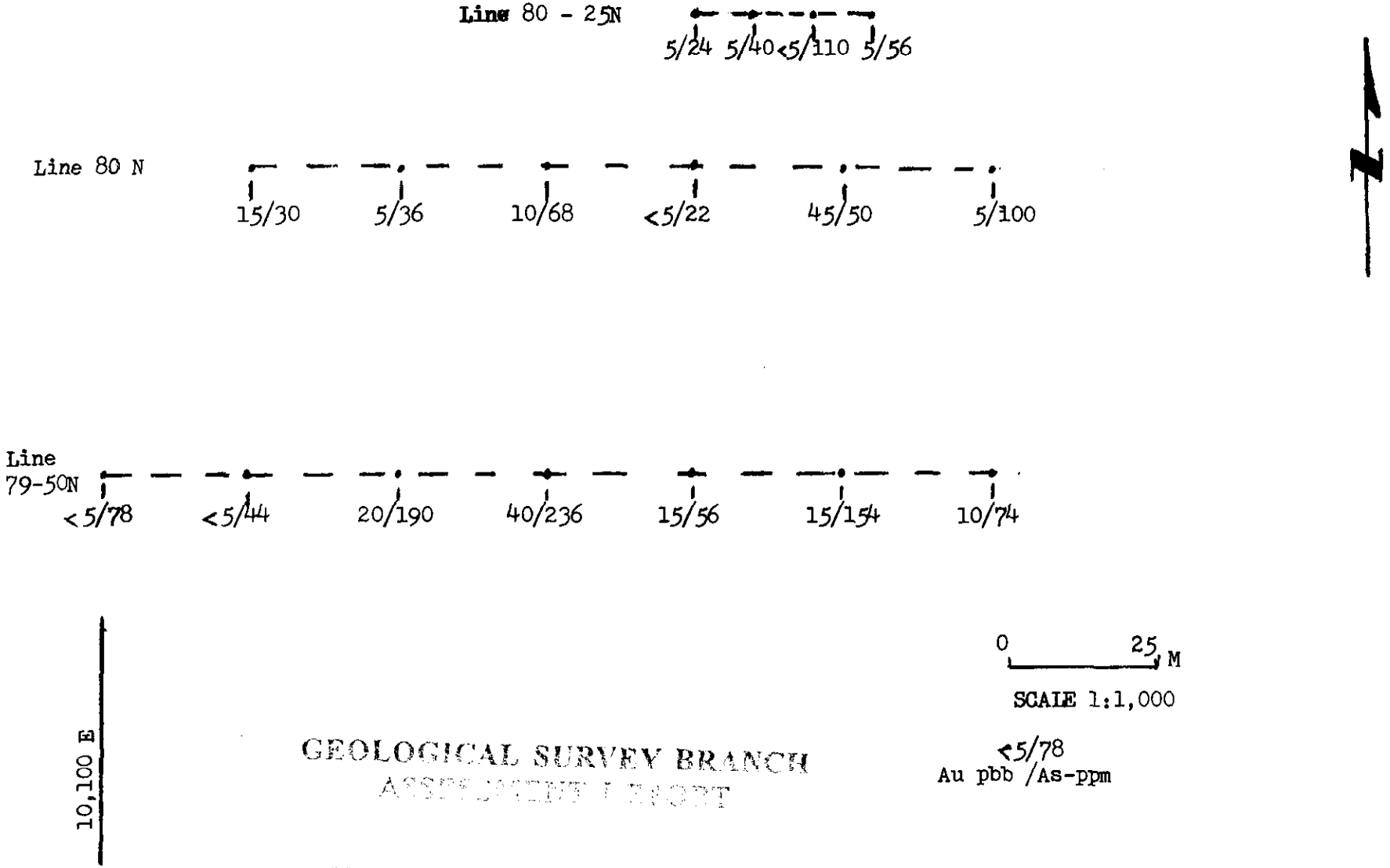
JONPOL EXPLORATIONS LTD.

WARD GROUP

TRENCH 4,5,6 GEOLOGY

R.E. GALE & ASSOCIATES INC.

Oct. 2002 Scale 1:500 Fig.8



JONPOL EXPLORATIONS LTD.

WARD GROUP
SOIL SAMPLE RESULTS

R.E. GALE & ASSOCIATES INC.

Oct. 2002 Scale 1:1000 Fig .9