ARIS SUMMARY SHEET

District Geologist, Kamloops — Off Confidential: 89.12.01

ASSESSMENT REPORT 18071 — MINING DIVISION: Vernon

PROPERTY: Pita
LOCATION: LAT 50 09 00 LONG 118 33 00
UTM 11 5556239 389260
NTS 082L02E
CLAIM(S): Pita 2,Pita 5
OPERATOR(S): Approach Res.
AUTHOR(S): Jones, H.M.
REPORT YEAR: 1988, 38 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver,Copper,Lead,Zinc
GEOLOGICAL
SUMMARY: Property is underlain by Permian to Pennsylvanian aged Thompson Assemblage and Upper Triassic Slocan Group rocks. Both units are similar, consisting of interbedded sediments, including limestone and volcanics. They are intruded by two stages of plutonic rocks, the larger granitic masses being related to the Jurassic aged Nelson batholith, the smaller ones of possibly Cretaceous age. All rocks are capped by Tertiary volcanics of the Kamloops Group. Northwest staking faults and folds are common. Disseminated pyrite is common in most rocks.
WORK
DONE: Geological,Geochemical
GEOL 35.0 ha
Map(s) - 1; Scale(s) - 1:2500
LINE 9.7 km
SOIL 352 sample(s) ;ME
Map(s) - 5; Scale(s) - 1:2500
RELATED
REPORTS: 15878

HAROLD M. JONES & ASSOCIATES INC.

CONSULTING GEOLOGISTS

605 - 602 WEST HASTINGS STREET,
VANCOUVER, B.C.
V6B 1P2

TELEPHONE: (604) 689-5533

ASSESSMENT REPORT

A REPORT ON THE PITA 2 AND 5 CLAIMS

PART OF PITA II GROUP

HECKMAN - MONASHEE PASS CREEKS

VERNON AREA

Vernon Mining Division
British Columbia
82 L / 1 W, 2 E

CO-ORDINATES:

50° 09' North Latitude
118° 33' West Longitude

OWNER OF CLAIMS:

MOHAWK OIL CO. LTD.
6400 Roberts Street
Burnaby, B.C.
V5G 4G2

OPERATOR:

APPROACH RESOURCES LTD.
550 - 1130 West Pender Street
Vancouver, B.C.
V6E 4A4

CONSULTANT:

HAROLD M. JONES, P.ENG.
HAROLD M. JONES & ASSOCIATES INC.

AUTHOR:

HAROLD M. JONES, P.ENG.

October 25, 1988

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LIST OF ILLUSTRATIONS

SUMMARY

The Pita claims are located in the Vernon Mining Division, 50 km southeast of Vernon, British Columbia. They are readily accessible via Highway 6 and internally by good logging roads.

The general Monashee Mountain area in which the claims are located has a long history of gold exploration. Both placer and lode gold deposits were located and mined, producing small but significant amounts of gold and base metals. All of the old mining areas are underlain by the same geological formations as those on the Pita claims. Recent work in the district located a number of other areas anomalous in gold.

The property is underlain by sediments and volcanics of the Thompson Assemblage (formerly Cache Creek Group) and Slocan Group. These are intruded by two stages of plutonic rocks, large granitic masses related to the Nelson batholith and smaller dioritic dykes of younger age. Locally, the bedded rocks are capped by volcanic flows of the Kamloops Group.

The Pita claims were acquired by Mohawk Oil Co. Ltd. between 1981-84. They were explored mostly in a reconnaissance manner between 1981-85 by Mohawk Oil Co. Ltd. and in 1986 and 1987 by Approach Resources Ltd. During this period, geochemical soil and silt, magnetometer, VLF-EM and induced polarization surveys, geological mapping and backhoe trenching were conducted on various parts of this large 193 unit property. The results of this work indicate one large and a number of smaller areas as being geochemically anomalous in one or more of gold, silver, copper, lead and zinc. The larger area includes a significant sericite-pyrite hydrothermal alteration zone and induced polarization-resistivity anomalies. Minor chalcopyrite, galena and sphalerite were exposed by trenching.

In 1988, Approach Resources Ltd. conducted limited diamond drilling on the large altered area as well as on an induced polarization anomaly. No significant mineralization was encountered.

The recently completed geological - geochemical survey on Pita 2 and 5 claims did not locate any zones of mineralization or indications that one may be present.

Considerable exploration has been conducted on the Pita claims since 1981 without locating a significant mineralized zone. No further work is recommended for the property.

INTRODUCTION

Between October 7-13, 1988, Approach Resources Ltd. conducted a geological - geochemical program on a portion of Pita 2 and 5 claims. These claims form a part of the 193 unit Pita group of claims. Work was conducted by the writer, a professional geological engineer, and by two field assistants.

The purpose of the field program was to explore in more detail an area, inferred from previous work, to be located along an intrusive-limestone contact. Previous reconnaissance soil sampling in this area returned a number of samples anomalous in copper, lead and zinc.

The following report reviews the property and describes the recently completed field program. The cost of this program is to be filed for assessment work credits.

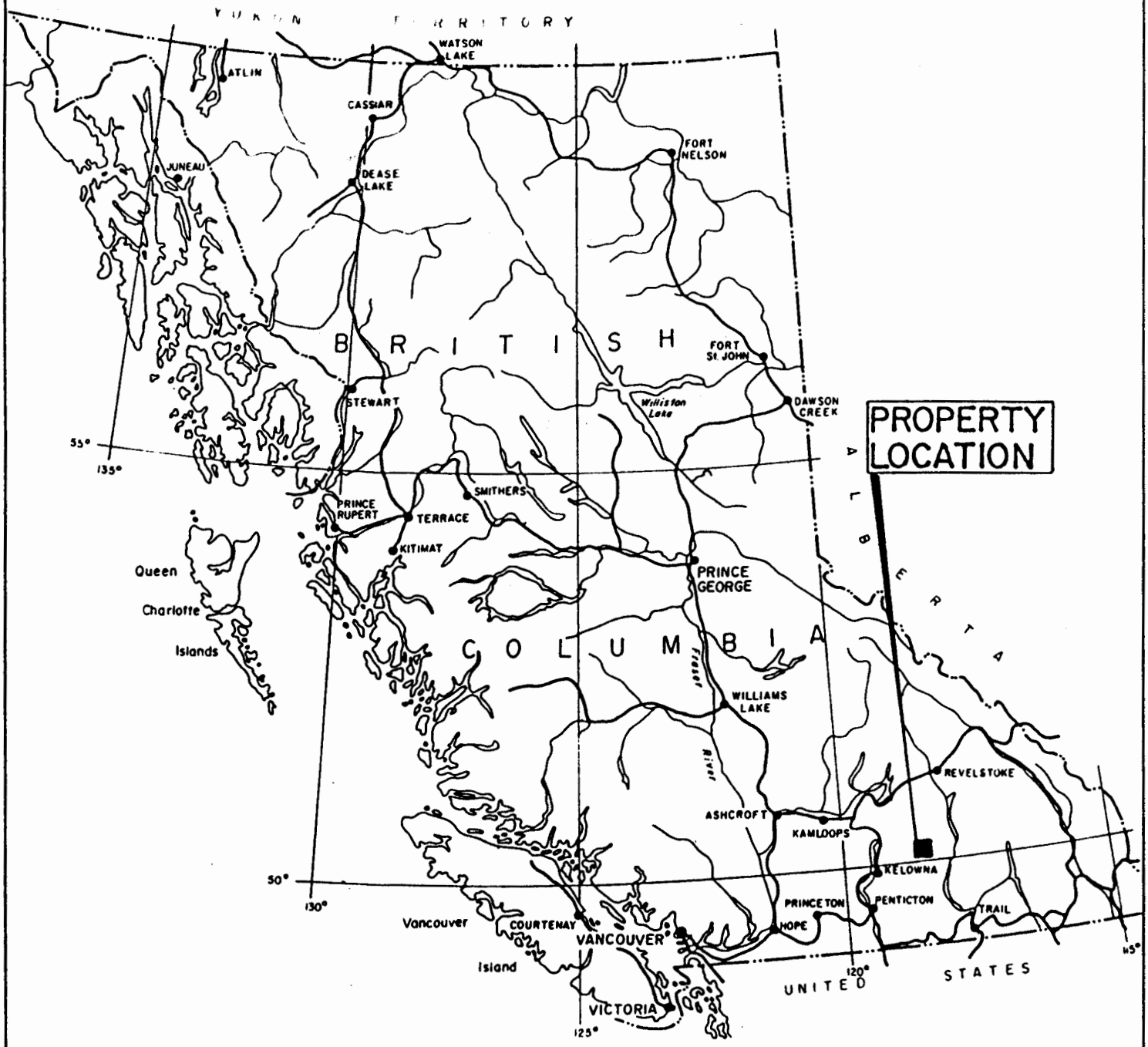
Location and Access

50° 09' North Latitude	)	to approximate center
118° 33' West Longitude	)	of claims

The Pita property is located within the Vernon Mining Division in south central British Columbia, approximately 50 km east-southeast of Vernon and 7 km south-southeast of Cherryville (Figure 1). This large property is approximately bounded by Heckman Creek to the west and Monashee Pass Creek to the east (Figure 2).

The claims are readily accessible from Vernon via Highway 6, which parallels Monashee Pass Creek through the eastern edge of the property. Logging roads originating from Highway 6 provide good access within the claim block.

Transportation to and supplies and services within the area are excellent. Kelowna airport, located 50 km south of Vernon, is serviced by numerous, daily, commercial airline flights from Vancouver and Calgary. The area is also serviced by Greyhound Bus. Most services and supplies may be obtained from either Lumby, 36 road kms west of the property or from Vernon.



APPROACH RESOURCES LTD.		
H. M. JONES & ASSOCIATES INC	VANCOUVER, B.C	
PITA CLAIMS LOCATION MAP HECKMAN - MONASHEE PASS CREEKS AREA N.T.S. 82L - 1W, 2E VERNON M.D., B.C.		
SCALE AS SHOWN H.M. JONES	OCT. 1988	FIG. 1

Topography and Vegetation

The property is located on the westerly flank of the Monashee Mountain Range in terrain characterized by steep-sided, deeply incised valleys separated by rounded to flat-topped ridges. Slopes are generally well forested from the valley bottoms to the heights of land with mature fir, pine, spruce, cedar, poplar and birch. Locally, some ridges in the area are open grasslands. Elevations range from 760 m in Monashee Creek to 1,675 m on the ridge tops.

The claims are located within an active logging area. To date, approximately 20% of the claims area has been logged. The relatively flat-topped ridge, lying immediately west of the survey area described in this report, was completely clear-cut within the past few years.

The area covered by the geological - geochemical survey grid extends from the gently sloping ridge top to and including the very steep upper slopes above Monashee Creek. At many locations, the slopes are strewn with an entanglement of windfalls.

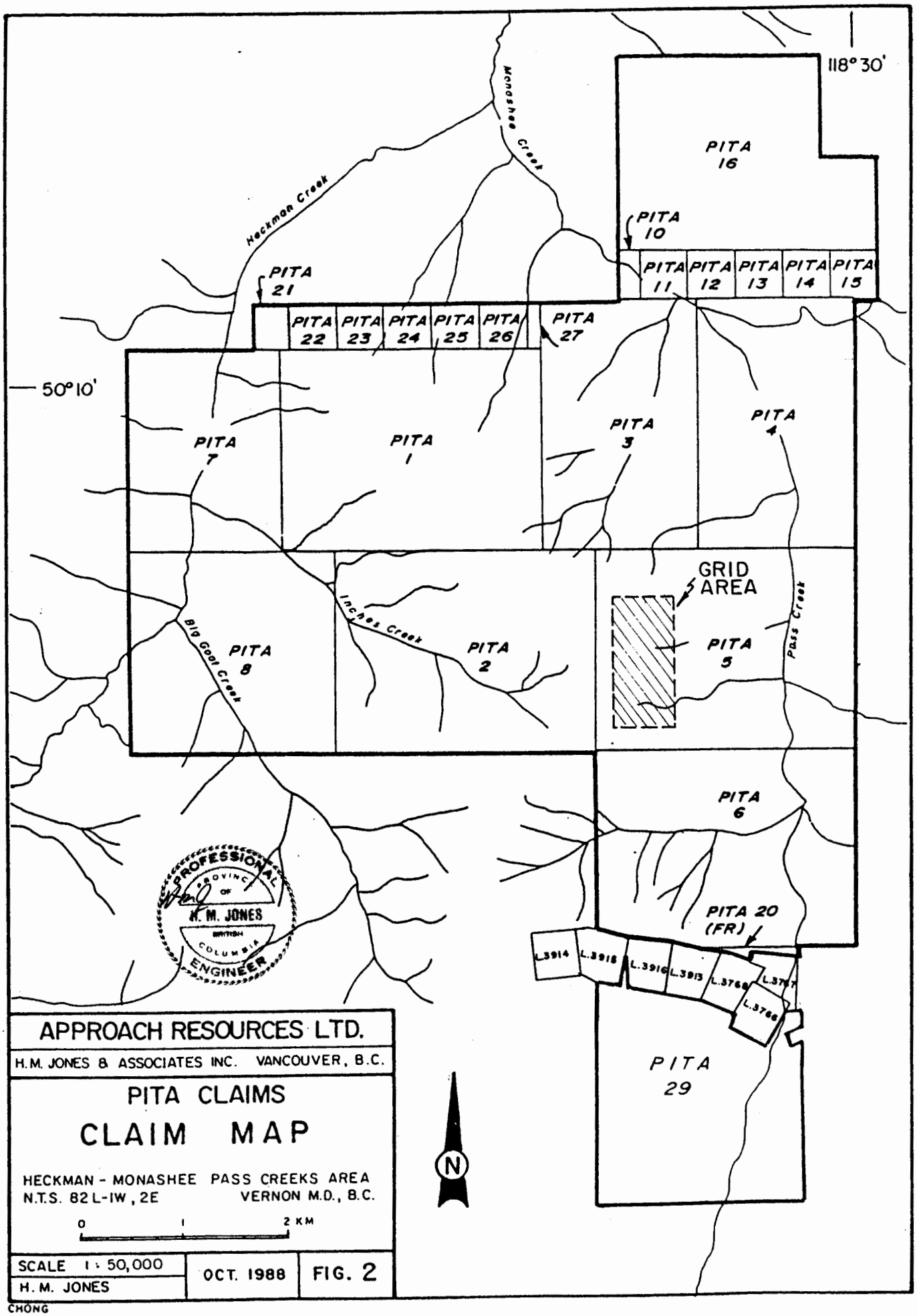
Elevations on the grid range from approximately 1,475 metres to 1,650 metres.

Property

The property consists of ten metric claims, three fractional claims and 12 two-post claims. They total 193 units (see Figure 2).

The claims are:

Claim Name	Record No.	No. of Units	Expiry Date
Pita 1	1032	20	March 6, 1991
Pita 2	1033	20	March 6, 1990*
Pita 3	1034	15	March 6, 1991
Pita 4	1035	15	March 6, 1991
Pita 5	1036	20	March 6, 1990*
Pita 6	1037	20	March 6, 1990*
Pita 7	1038	12	March 6, 1990*


118°30'
50°10'
Heckman Creek
Monashee Creek
PITA 16
PITA 10
PITA 11
PITA 12
PITA 13
PITA 14
PITA 15
PITA 21
PITA 22
PITA 23
PITA 24
PITA 25
PITA 26
PITA 27
PITA 7
PITA 1
PITA 3
PITA 4
GRID AREA
Big Goat Creek
Incaas Creek
PITA 8
PITA 2
PITA 5
Pass Creek
PITA 6
PITA 20 (FR)
L.3914
L.3915
L.3916
L.3913
L.3768
L.3767
L.3766
PITA 29
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
H. M. JONES
N
APPROACH RESOURCES LTD.
H.M. JONES & ASSOCIATES INC. VANCOUVER, B.C.
PITA CLAIMS
CLAIM MAP
HECKMAN - MONASHEE PASS CREEKS AREA
N.T.S. 82 L-IW, 2E
VERNON M.D., B.C.
0
1
2 KM
SCALE 1 : 50,000
H. M. JONES
OCT. 1988
FIG. 2

CHONG

Claim Name	Record No.	No. of Units	Expiry Date
Pita 8	1039	16	March 16, 1990*
Pita 10-15	1205-1210	1 unit each	March 18, 1991
Pita 16	1518	20	June 18, 1991
Pita 20 Fr.	1221	1	March 18, 1990*
Pita 21 Fr.	1519	1	June 9, 1991
Pita 22	1788	1	June 11, 1991
Pita 23-27	1789-1793	1 unit each	June 11, 1991
Pita 28 Fr.	1787	1	June 11, 1991
Pita 29	2161	20	October 28, 1991

*With this report, one year's assessment work will be applied to each of the above designated claims. Upon acceptance of this work, the expiry date of each of the above claims will be extended to 1991.

The claims, for the purpose of filing assessment work, was divided into two groups. Work covered by this report is to be applied to Pita II group, which includes Pita 2, 5, 6, 7, 8 and 20 Fraction, a total of 89 units.

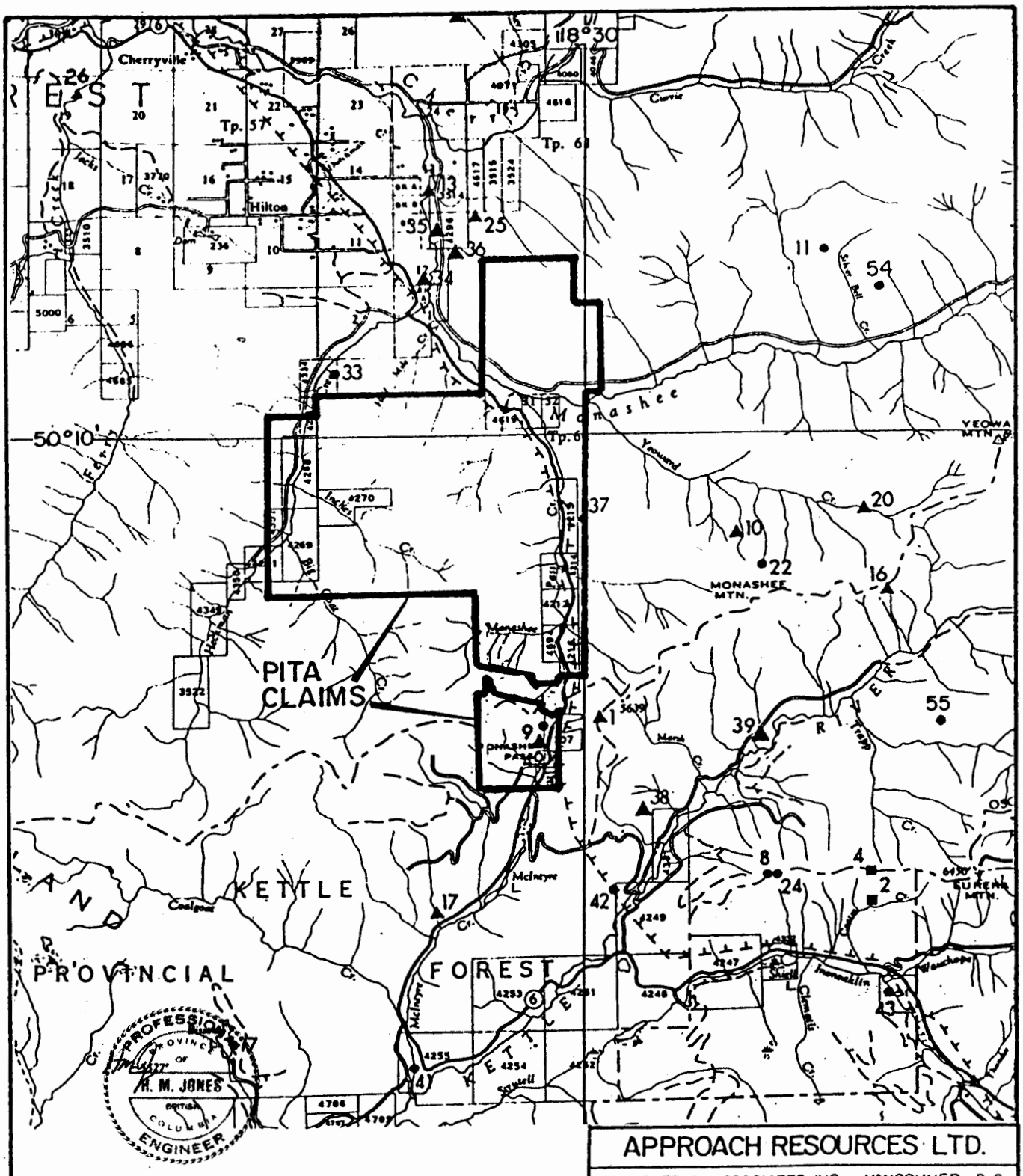
All of the Pita claims are owned by Mohawk Oil Co. Ltd., 6400 Roberts Street, Burnaby, B.C. and held under an option agreement by Approach Resources Ltd., 550 - 1130 West Pender Street, Vancouver, B.C.

Any legal aspects pertaining to the claims is beyond the scope of this report.

History

The Pita 1 - 28 claims were acquired by Mohawk Oil Co. Ltd. between 1981-84 to explore an area considered to have a geological setting favourable for hosting precious and base metal mineralization. Pita 29 claim was located in 1986 to cover favourable geology north of the Top property as well as possible extensions of the McPhail and Monashee Mines vein systems.

Between 1981-85, Mohawk Oil Co. Ltd. conducted geological mapping, soil and silt sampling, induced polarization, VLF-EM, and magnetometer surveys, and trenching on various parts of this large property. The results of this work indicated that a number of areas were geochemically anomalous in one or more of gold, silver,



MINERAL OCCURRENCES REFERED TO IN REPORT

Deposit Nº.	Name	Products
1	Monashee Mine	Au, Ag, Pb, Zn
9	McPhail	Au, Pb, tellurides
10	St. Paul (Toughnut)	Au, Ag, Pb, Zn, Sb, Cu, As
16	Dona	Au, Ag, Pb, Zn
17	Top	Au, Ag
22	Minerva (St. Paul, Morgan)	Au, Ag, Pb, Zn

After B.C. Min. Inventory Map 82L-5E

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PITA CLAIMS
MINERAL OCCURRENCES IN VICINITY OF PITA CLAIMS

HECKMAN - MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 1 2 5 KM

SCALE 1 : 125,000	OCT. 1988	FIG. 3
H. M. JONES		

CHONG

PROPERTY	GEOLOGY	MINERALIZATION
Monashee Pass (1)	Northeast striking quartz veins , 30-150 cm wide in Thompson Assemblage argillite and metamorphosed volcanics at contact with Nelson batholith.	Pyrite, galena, chalcopyrite, sphalerite, magnetite and native gold; production 2,410 tons yielding 367 oz. gold and 1,636 oz. silver.
McPhail (9)	Northwest striking quartz veins in metamorphosed limestone and lesser argillite of Thompson Assemblage where intruded by mass from Nelson batholith. Seven veins, three 30-90 cm wide, remainder narrow.	Pyrite, galena, sphalerite, minor chalcopyrite, tetrahedrite; assays variable, wider veins average 1.00 oz per ton gold.
St. Paul Mine (10, 22) (includes a group of Crown Grants on Monashee Mountain)	Green volcanics with intercalated sediments (Thompson Assemblage) intruded by diorite body. Northwest striking vein system mostly within diorite near south contact.	Morgan veins - free gold with pyrite, arsenopyrite and minor sphalerite and galena. Lower St. Paul workings - veins with arsenopyrite, stibnite?, tetrahedrite and jamesonite; minor pyrite, pyrrhotite, sphalerite and galena, some native silver.
Top Property (17)	Northerly trending shear zone up to 15 m wide in Nelson batholith. Intensely altered granodiorite and carbonate altered lamprophyre dykes within shear zone.	Pyrite, arsenopyrite, drilling indicates grades between 0.1 and 0.2 oz/ton gold.
Dona Property (16)	Quartz vein stockwork in diorite sill in Thompson Assemblage sediments and volcanics. Veins generally very narrow, attitude NW/20SW. Occasional vein $\pm$25 cm. Sulfides also present in weakly skarnified sediments and volcanics on margin of intrusion.	Occasional pod massive arsenopyrite, stibnite, pyrite; possible large tonnage 0.1 oz/ton gold.

copper, lead and zinc. The greatest concentration of anomalies occurred on Pita 1 and 7 claims. All anomalies were generated from soil samples taken along relatively wide spaced grid lines and sample sites. This work was of a reconnaissance nature.

The induced polarization survey was run in detail over a part of Pita 1, 2, 7 and 8 claims. This survey located several areas of low resistivity and moderate chargeability.

Trench samples returned some anomalous values in gold, silver, copper, zinc and lead, but gold and silver did not correlate well with the other elements.

During the period 1981-85, Mohawk Oil Co. Ltd. claimed a total of $147,025 in assessment work expenditures.

In 1986 Approach Resources Ltd. conducted additional geological, geochemical and geophysical surveys on the Pita claims. This work was also of a reconnaissance nature. In 1987, they conducted detailed geochemical surveys in the central part of the property in the vicinity of a prominent gossan. This program was followed, in 1988, by a diamond drill program consisting of three holes totalling 283.7 metres. Two holes tested geochemical - geophysical anomalies on Pita 1 claims, and one hole tested an I.P. anomaly on Pita 7 claim. No economic mineralization was encountered in these holes. All of the above exploration was filed in various assessment work reports.

Mining activity in the vicinity of the Pita claims commenced in the mid-1800's with placer testing and mining on a number of the creeks in the area. Significant gold was found on Cherry and Monashee Creeks and some of their tributaries. Most of the placer mining was conducted between 1874 and 1895, during which time the operations yielded 5,210 ounces of gold (Jones, 1959). Minor placer mining has continued along these creeks in recent times but their production is unknown.

Early placer mining in 1865 uncovered rich silver-bearing quartz veins in the bank of Cherry Creek. In the late 1800's, a gold-silver bearing vein was discovered in Monashee Pass, immediately east of the present Pita claims. This was later worked as the Monashee Mine which operated intermittently from the 1890's to 1940. During 1939-40 it is reported to have produced 2,410 tons yielding 367 oz. gold, 1,639 oz. silver, 1,556 lbs. lead and 418 lbs. zinc.

The McPhail Group, situated immediately west of the Monashee Mine, was also located in the late 1800's. Three gold-silver bearing veins were tested by underground workings. This old property lies immediately east of Pita 6 and 29 claims.

The St. Paul Mine, located on Monashee Mountain 6 km east of the Pita claims, was mined intermittently between 1914 and 1973. During this period, production totalled 430 tons yielding 181 oz. gold, 3,614 oz. silver, 8,199 lbs. lead and 2,773 lbs. zinc. The Minerva (Morgan) property, adjacent to the above mine, was located about the same time and was tested by several shallow shafts, pits and trenches. The St. Paul Mine and Minerva properties and the area in general have received considerable exploration since the rise in gold prices. Brican Resources Ltd., the present owners, report large zones of disseminated arsenopyrite and pyrite on the east flank of Monashee Mountain.

The Dona property, situated 5 km southeast of the above two properties, was located as a result of a stream sediment sampling program conducted by El Paso Mining and Milling Company in 1972. In 1973, detailed geological, geochemical and geophysical surveys, followed by trenching and percussion drilling partially defined a broad zone of gold-silver bearing quartz vein stockworks in and adjacent to a diorite sill in Cache Creek sediments and volcanics. Due to political, then financial problems, the exploration on this property terminated. It is currently being explored by Keefer Resources Ltd.

National Resource Exploration Ltd. and Cominco outlined several anomalous gold areas on their Keefer Lake property during 1983. Also, Demus Petro Corp. discovered significant gold anomalies on their Monashee property and reported assays of 6.84 oz/ton gold west of their property.

All of the above properties are in the same geological formations as the Pita claims.

The Top property, located in 1974, lies immediately south of Pita 29 claim. In 1974 it was owned by New Cinch Uranium, who drilled four holes into a mineralized shear zone. The property was acquired by Brican Resources Ltd. in 1980. A considerable amount of surface exploration followed by diamond drilling was undertaken by this company and by Kerr Addison Mines, who optioned it in 1984. Significant gold-silver mineralization was encountered in a well-developed shear zone in granodiorite.

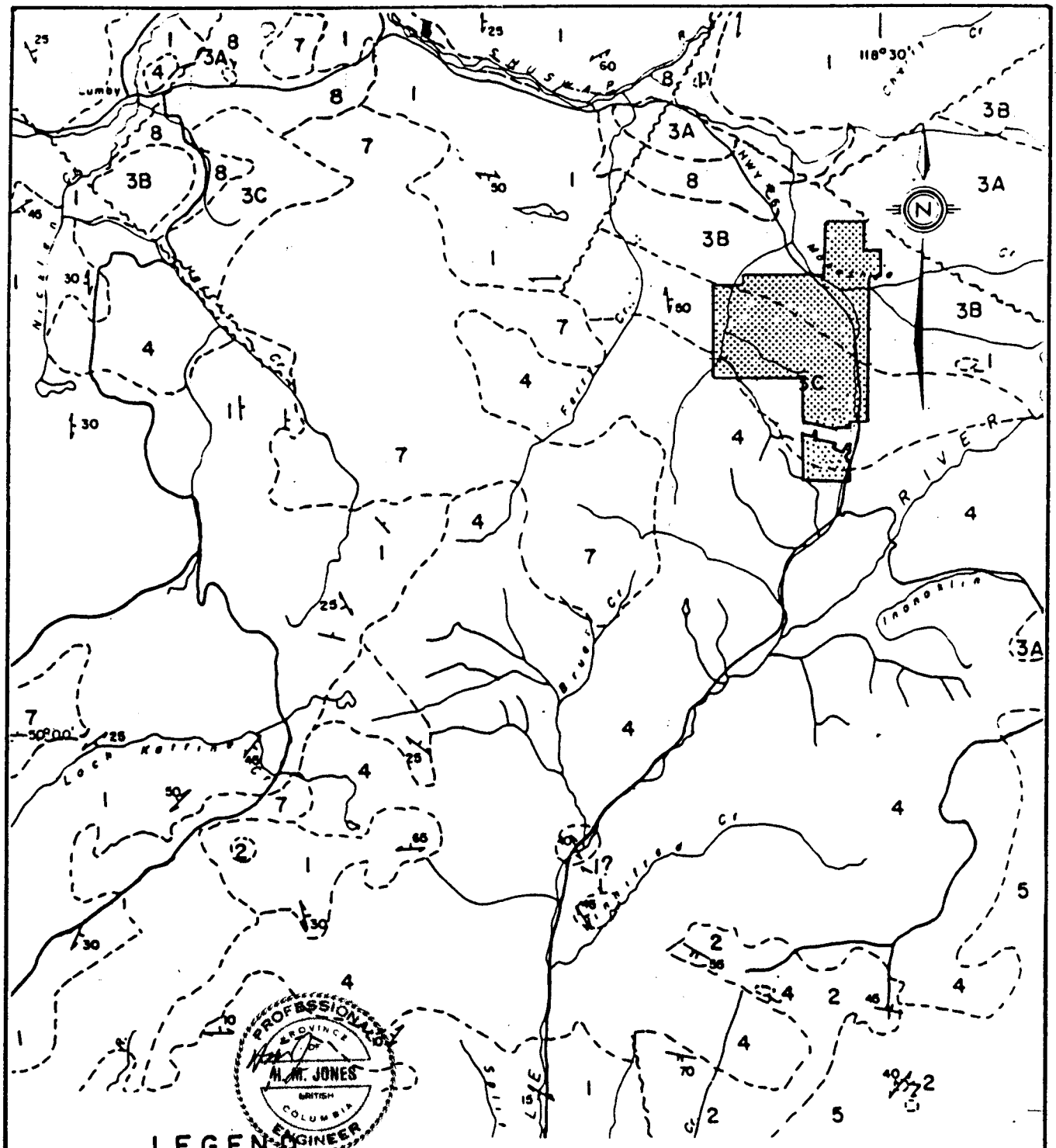
GEOLOGY

Regional Geology

The Pita claims are located within rocks of Permian-Pennsylvanian-aged "Thompson Assemblage" (formerly Cache Creek Group) and Upper Triassic Slocan Group. Both units are similar, consisting of interbedded sediments, including limestone and volcanics. They form a continuous belt trending northwesterly from Vernon while to the east of this city, they occur as discontinuous, block faulted sections. An unconformity was recognized between the two formations near Lavington, 37 km to the west of the property (Okulich, 1979). This structure should pass through the northern part of Pita 16 claim.

These rocks are intruded by large granitic masses, related to the Jurassic-aged Nelson batholith, and smaller ones of possibly Cretaceous age. Tertiary volcanics of the Kamloops Group cap much of the area (Figure 3).

Northwest-striking faults and folds are common within the Thompson Assemblage. These parallel the regional northwesterly trend. Due to the lack of good marker beds, these structures are not obvious.



LEGEND

- 8 Pleistocene and Recent
- 7 Tertiary Basalts
- 6 Phoenix Volcanics Group
- 5 Valhalla Intrusions
- 4 Nelson Intrusions
- 3 Cache Creek Group (3A, 3B, 3C)
- 2 Anarchist Group
- 1 Monashee Group

AFTER JONES, 1959

N

APPROACH RESOURCES LTD.

H.M. JONES & ASSOCIATES INC. VANCOUVER, B.C.

PITA CLAIMS

REGIONAL GEOLOGY

HECKMAN - MONASHEE PASS CREEKS AREA
N.T.S. 82 L-1W, 2E VERNON M.D., B.C.

0 5 10 KM

SCALE 1 : 253,400	OCT. 1988	FIG. 4
H. M. JONES		

CHONG

The Slocan Group, which in the property area was formerly included in the Cache Creek Group, may also correlate with the Milford Group located 40 km to the west of the Pita claims in the Tillicum Mountain area (Okulitch, 1979). Significant gold also occurs in the latter area.

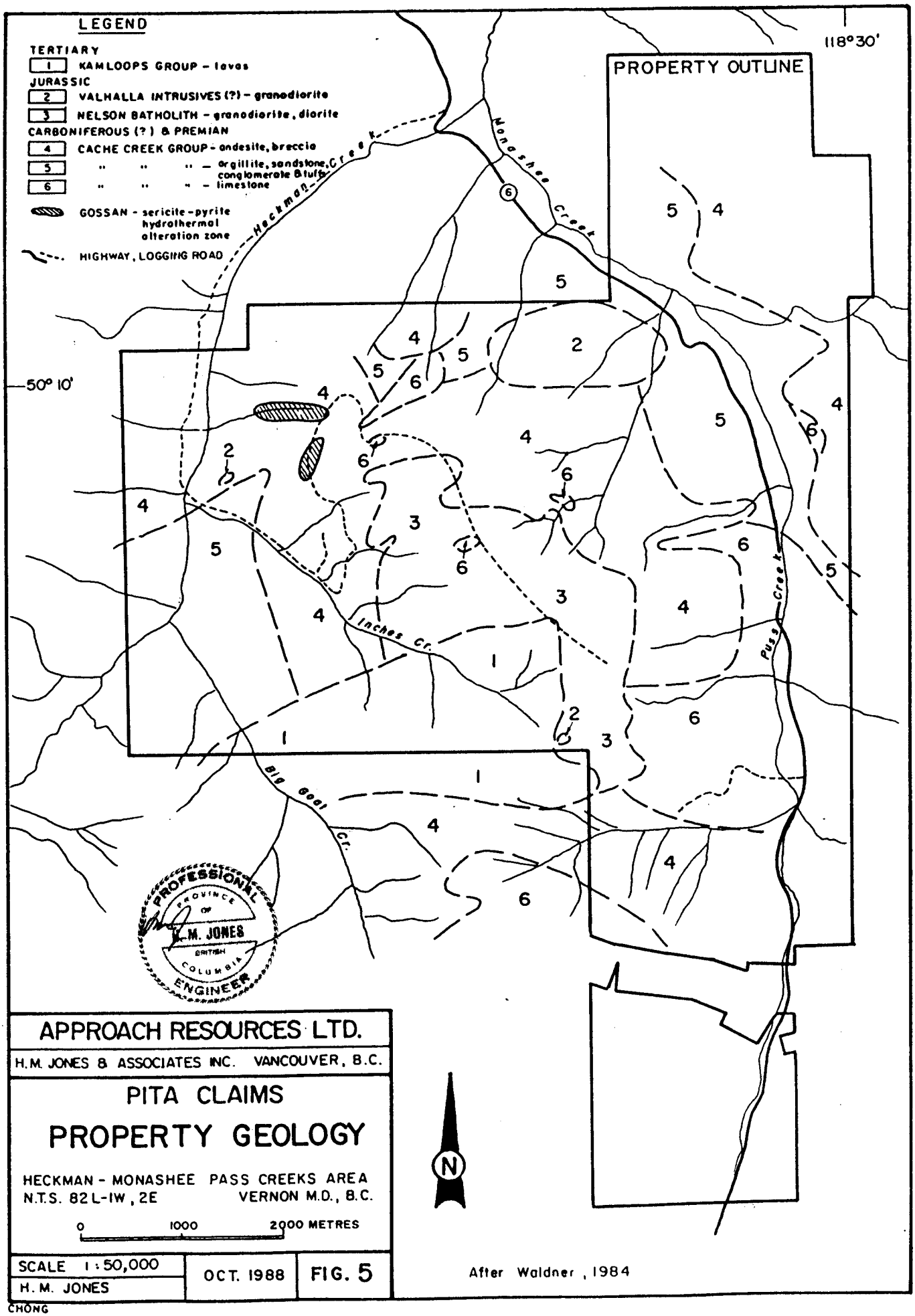
Local Geology

The property is underlain by rocks of the Thompson Assemblage except near its northern and southern boundaries. To the north rocks of the Slocan Group (formerly included in the Cache Creek Group) are inferred (Okulitch, 1979), while to the south granitic rocks of the Nelson batholith intrude the bedded rocks of the Thompson Assemblage.

On the north side of Monashee Creek, on Pita 16, Waldner (1985) describes the geology as "northwesterly-trending, prominantly bedded, dark, calcareous argillites and blue-green fine-grained andesites." They strike N30W and dip mostly to the southwest. They contain minor calcite veinlets and fine quartz veins. Andesites and coarse volcanic breccias also occur in the area with hornblende porphyry dykes. Only mineralization found in this area consisted of minor pyrite in quartz-calcite veins. These rocks probably include both Slocan Group and Thompson Assemblage. (Figure 4 - Unit 3B - Jones, 1959).

Similar rocks occur to the south and west of Monashee Creek and are probably all within the Thompson Assemblage. Basalts, porphyritic andesites and limestone lenses (Figure 4 - Unit 3C) also occur in this area and are exposed in road cuts near the height of land in the centre of the property. Dioritic intrusive complexes with ultramafic dykes also occur within unit 3C. Weak epidote - garnet - diopside skarn is developed along the contacts of these intrusive rocks with limestone lenses.

Tertiary basalts of the Kamloops Group cover much of the area on Pita 2 and 8 between Big Goat and Inches Creeks.


LEGEND
TERTIARY
1 KAMLOOPS GROUP - lavas
JURASSIC
2 VALHALLA INTRUSIVES (?) - granodiorite
3 NELSON BATHOLITH - granodiorite, diorite
CARBONIFEROUS (?) & PREMIAN
4 CACHE CREEK GROUP - andesite, breccia
5 " " " - argillite, sandstone, conglomerate & tuffs
6 " " " - limestone
GOSSAN - sericite-pyrite hydrothermal alteration zone
HIGHWAY, LOGGING ROAD
PROPERTY OUTLINE
118°30'
50° 10'
Heckman Creek
Monashee Creek
Inches Cr.
Puss Creek
Big Goat Cr.
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APPROACH RESOURCES LTD.
H.M. JONES & ASSOCIATES INC. VANCOUVER, B.C.
PITA CLAIMS
PROPERTY GEOLOGY
HECKMAN - MONASHEE PASS CREEKS AREA
N.T.S. 82 L-IW, 2E VERNON M.D., B.C.
0 1000 2000 METRES
N
SCALE 1:50,000
H.M. JONES
OCT. 1988
FIG. 5
After Waldner, 1984
CHONG

Waldner (1984) recognized that the property geology exhibits three distinctive geological assemblages. These are, from south to north:

- a submarine assemblage of andesites which may conformably overlay a sequence of argillites and limestone;
- a central section dominated by a diorite intrusion and a granite to granodiorite intrusion flanking the north-central sector;
- an assemblage of tuffs, andesites, argillaceous sediments and minor limestone.

GEOLOGICAL - GEOCHEMICAL FIELD PROGRAM ON PITA 2 AND 5 CLAIMS

The field program consisted of establishing a grid, then using it for control of geological mapping and soil sampling. The grid was laid out using Silva compasses and hip chains. A 1,300 metre baseline was laid out trending due north. From this baseline, grid lines were run, at 100 metre separations, for 300 metres west and 300 metres east. Stations were marked at 25 metre intervals along each line. The baseline, grid lines and stations were well marked with flagging tape. Tie lines were run between the ends of the lines to permit fairly accurate plotting of the grid. The grid totalled 9.7 line kilometres, including the baseline.

Some lines were run as loops, starting and ending at the baseline. Others were run out from the baseline and terminated. The grid, as shown on Figures 6-11, indicates that some lines deviated from their intended course. This was in part due to the difficulty of traversing the often steep, windfall-strewn terrain. It may also be due to local magnetic attraction caused by the underlying intrusive rock.

1) Geological Survey

Geology was mapped, using the grid for control, on a scale of 1:2500 (Figure 6). Outcrop is poorly exposed, especially in the western part of the grid where terrain

is relatively gently dipping and is probably covered by an appreciable thickness of overburden. Most of the eastern portion of the grid is on the steep slopes leading down to Monashee Creek. An occasional outcrop is exposed on these slopes as a small cliff-face.

Geology, as inferred on maps prepared by Mohawk Oil Co., indicates that the eastern half of the grid should be underlain by limestone. The recent geological mapping suggests that limestone is present but as beds within tuffaceous units. Considerable hornblende diorite is also present within these units as small stocks, large dykes(?) or sills(?). Due to lack of outcrop, the form of the intrusive(s) could not be determined.

The Thompson Assemblage rocks, within the survey area, consist of limestone and tuffaceous units. Limestone is white to light grey, granular, and mostly massive. Bedding was recognized in only one exposure. Its attitude was N65W/30SW.

Andesitic tuff is generally dark grey, medium to coarse grained, and locally with chlorite and epidote alteration. On some weathered surfaces, angular clasts are well exposed (lapilli tuff). Minor disseminated pyrite is common in these rocks.

The intrusive rocks are generally very coarse grained, dark in colour, and consisting of 25-75% coarse hornblende crystals in a medium-grained feldspar matrix. The coarse, hornblende-rich phase of the intrusive contains minor garnet and epidote, suggesting that the development of hornblende, garnet and epidote are the results of metamorphism on or near the intrusive - limestone contact.

A few exposures of light grey, medium-grained granite containing a low percentage of hornblende was noted in a few exposures. This may be the unaltered phase of the intrusive(?).

Magnetite occurs as coarse grains 1-2 mm in diameter in the mafic-rich phase of the intrusive. Pyrite is also present in minor amounts throughout all intrusive rocks.

Geology was also mapped on the logging road located to the west of the grid. Hornblende diorite, similar to the altered phase described above, is in contact to the west with tuffaceous rocks similar to these seen within the grid. The latter rocks contain appreciable disseminated pyrite (2-5%) and form a prominent gossan in the contact area. Locally, the tuffs are well bedded, striking N65W and dipping 80°SW.

2) Geochemical Survey

Soil samples were collected, using a mattock, from each station on each line. Samples were taken from the "B" horizon at depths ranging from 10 cm to 45 cm. The "B" horizon was well developed at most sample sites, consisting of a light to dark orange-brown to dark brown sandy soil. A few locations were in drainages where all soils were dark grey to black and very organic. A total of 352 samples were collected.

All soils were placed in kraft paper envelopes, marked as to the samples' grid co-ordinates, and packed for shipment to Acme Analytical Laboratory, 852 East Hastings Street, Vancouver, B.C. All samples were assayed for 30 elements by the I.C.P. method and for gold by the fire assay-atomic absorption method. The assay certificates accompany this report as Appendix II.

Assays for most samples were generally very low in most elements, except for copper, which had a scattering of weak to strongly anomalous values. A brief summary of some of the more important element are as follows:

Gold: Sixteen samples assayed between 15 and 61 ppb gold, with most in the range 15-30 ppb gold. All occurred at scattered locations as "one station anomalies" (Figure 7). Statistically, these samples are anomalous, but realistically they are too low and erratically distributed to be significant. A weak "anomalous" north-northwest trend occurs straddling the baseline from lines 7+00N to 9+00N. These are considered to be slightly elevated values rather than anomalous.

Silver: Three samples assayed greater than 1.0 ppm silver. As with gold, they are "one station anomalies" and are not considered as significant (Figure 8).

Copper: The frequency distribution curve (Appendix II) indicates that copper values between 100-150 ppm are threshold, and those greater than 150 ppm are anomalous. Anomalous values occur at scattered locations, mostly as "one station anomalies" (Figure 9). A slight clustering of anomalous sample sites occur at the eastern end of lines 5+00N and 6+00N. These samples contain appreciable talus fines and probably reflect the copper content of the hornblende diorite.

Zinc: Zinc values ranged from 35-179 ppm, with most values occurring between 60 and 100 ppm. No samples are considered as anomalous (Figure 10).

Arsenic: Arsenic values ranged from 2 - 44 ppm, with most values occurring between 2 - 20 ppm. Only ten assays are greater than 20 ppm. These also occur at scattered locations and are not considered as anomalous (Figure 11).

The above assay results do not show any coincidence between various elements, indicating that probably no significant mineralized zone is in the vicinity of the intrusive contact.

DISCUSSION

Geological mapping indicates that the area covered by the survey is not underlain by a simple intrusive-limestone contact zone, rather, it consists of bedded limestone and pyroclastic rocks intruded by an irregular-shaped hornblende diorite stock and possibly wide hornblende diorite dykes(?) and sills(?). Alteration appears to be limited to the development of hornblende and minor garnet, epidote and magnetite along the margins of the intrusive rocks. No obvious mineralized zones are present.

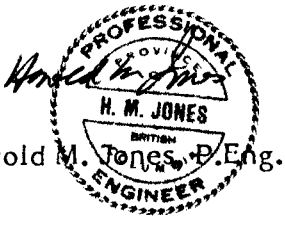
CONCLUSION

The geological - geochemical survey conducted over a part of Pita 2 and 5 claims did not locate or indicate the presence of any significant mineralization.

RECOMMENDATION

Since previous reconnaissance and detailed exploration on the Pita claims failed to locate any significant mineralization, it is recommended that no further work be conducted on this property.

Respectfully submitted,



Harold M. Jones, P.Eng.

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B.C. Minister of Mines Annual Reports and Geology, Exploration and Mining in British Columbia, various years 1896 to present.

CERTIFICATE

I, Harold M. Jones, of the City of Vancouver, British Columbia, do hereby certify that:

1. I am a Consulting Geological Engineer with offices at 310-543 Granville Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia in Geological Engineering, 1956.

3. I have practised my profession as a Geological Engineer for over 30 years.

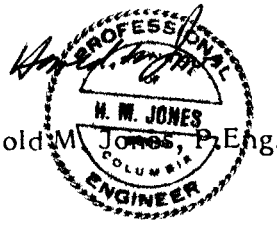
4. I am a member of the Association of Professional Engineers of British Columbia, Registration No. 4681.

5. I conducted geological mapping on Pita 2 and 5 claims between October 7-13, 1988 and supervised the geochemical soil sampling program.

6. I reviewed all of the data listed under "References" in this report, and concur with the various authors who all recommended additional exploration on the property.

7. I have no interest in, nor do I expect to receive any, in the Pita claims or in the securities of Approach Resources Ltd.

Dated at Vancouver, B.C. this 25th day of October, 1988.



Harold M. Jones, P.Eng.

APPENDIX I

STATEMENT OF COSTS

STATEMENT OF EXPENDITURES

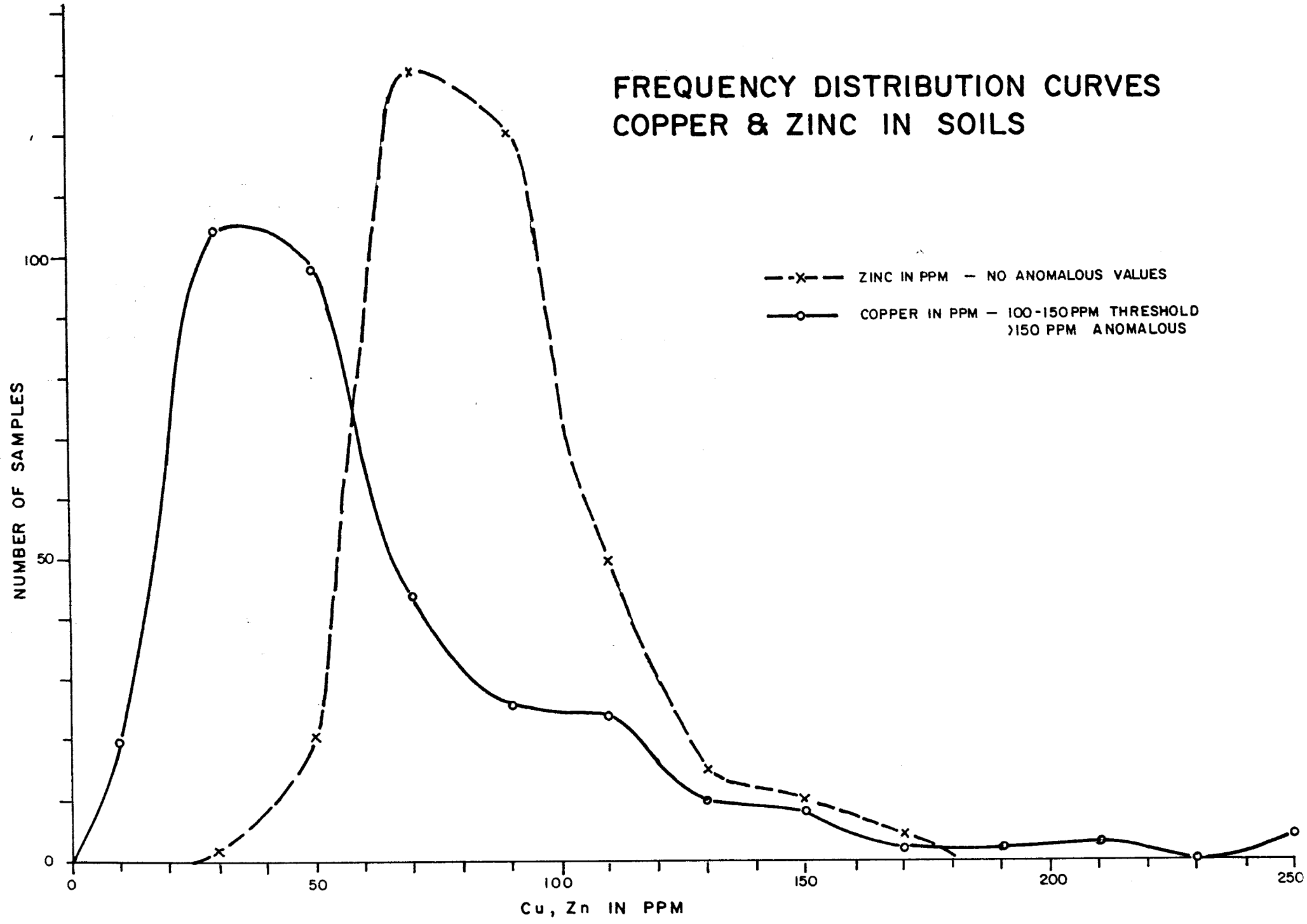
Geochemical Soil Sampling (including grid layout and sampling)

Wages:			
M. Pearson	Field assistant, October 8-13, 1988 6 days at $200 per day	$1,200.00	
B. Cheney	Field assistant, October 8-13, 1988 6 days at $200 per day	1,200.00	$ 2,400.00
Field Supervision and Geology			
H.M. Jones, P.Eng.	October 8-13, 1988 6 days at $400 per day		2,400.00
Food and Accommodation			
Motel and restaurants	3 men at $45/day for 7 days, including travel time		945.00
Mobilization and Demobilization			
Labour	Two 1/2 days, wages for field assistants at $200/man/day	400.00	
	Two 1/2 days wages for geologist at $400/day	400.00	
Communications	L.D. phone calls, etc.	20.00	820.00
Transportation			
Pick-up truck rental, including fuel, mileage charges and insurance			741.49
Field Equipment			
Hip chains, thread, flagging, sample bags, etc.			251.69
Laboratory Analyses			
352 soil samples at $13.10 per sample			4,611.20
Project Management			
R.S. Adamson, P.Eng.	3½ days at $400/day		1,400.00
Report and Map Preparation			
Report writing, preparing maps ready for drafting		2,000.00	
Drafting		500.00	
Map reproduction		100.00	
Word Processing		200.00	2,800.00
TOTAL			$16,369.38

HAROLD M. JONES & ASSOCIATES INC.

APPENDIX II

ASSAY CERTIFICATES


FREQUENCY DISTRIBUTION CURVES
COPPER & ZINC IN SOILS
ZINC IN PPM — NO ANOMALOUS VALUES
COPPER IN PPM — 100-150 PPM THRESHOLD
>150 PPM ANOMALOUS
NUMBER OF SAMPLES
0
50
100
0
50
100
150
200
250
Cu, Zn IN PPM

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Soil -80 Mesh AU** ANALYSIS BY FA+AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 11 1988 DATE REPORT MAILED: Oct 20/88 SIGNED BY C. Leong ..D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

ORCAN MINERALS File # 88-5118 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
13N 0+00E	1	148	15	82	.6	52	14	1008	4.00	19	5	ND	3	34	1	2	2	65	.77	.059	15	37	.81	104	.09	2	2.81	.01	.05	1	1
13N 0+25E	1	42	15	108	.2	27	10	259	3.81	8	5	ND	3	19	1	2	2	59	.39	.067	8	31	.55	84	.11	2	3.06	.01	.05	1	1
13N 0+50E	1	114	23	120	1.5	55	12	585	3.87	9	5	ND	4	25	1	2	2	50	.55	.059	10	42	.62	110	.13	2	4.32	.01	.04	1	1
13N 0+75E	1	32	11	71	.2	21	10	228	3.08	5	5	ND	2	18	1	2	2	50	.25	.092	6	27	.61	85	.09	2	2.62	.01	.04	1	1
13N 1+00E	1	36	15	81	.2	20	12	556	3.77	24	5	ND	4	25	1	2	2	62	.39	.098	5	28	.67	101	.08	2	2.17	.01	.04	1	1
13N 1+25E	1	38	12	64	.3	25	12	343	3.62	9	5	ND	2	21	1	2	2	57	.32	.064	6	30	.62	78	.09	2	2.60	.01	.03	1	2
13N 1+50E	1	38	13	71	.3	21	12	277	3.47	8	5	ND	3	17	1	3	2	54	.25	.065	6	28	.64	76	.10	2	3.48	.01	.03	1	8
13N 1+75E	1	52	16	78	.2	26	13	416	4.01	8	5	ND	2	40	1	3	2	75	.53	.038	7	37	1.07	87	.09	2	2.71	.01	.02	1	2
13N 2+00E	1	36	14	71	.2	20	11	326	3.46	18	5	ND	2	20	1	2	2	52	.36	.104	5	26	.50	77	.09	2	3.43	.01	.03	1	1
13N 2+25E	1	43	13	90	.2	24	13	507	4.33	9	5	ND	2	22	1	2	2	71	.29	.075	5	35	.74	86	.08	2	2.89	.01	.04	1	1
13N 2+50E	1	54	15	65	.3	25	11	417	3.63	12	5	ND	2	39	1	2	2	53	.96	.039	8	30	.72	79	.08	2	3.18	.01	.03	1	1
13N 2+75E	1	36	15	77	.2	24	12	289	4.09	11	5	ND	3	20	1	2	2	70	.43	.031	6	32	.79	65	.09	2	2.64	.01	.04	2	3
13N 3+00E	1	47	13	84	.2	17	12	263	3.32	8	5	ND	3	14	1	2	2	46	.20	.110	7	20	.37	56	.10	2	3.49	.01	.04	1	2
13N 3+25E	1	46	14	74	.4	20	12	225	3.21	2	5	ND	2	11	1	2	2	53	.17	.073	6	21	.37	60	.10	2	3.23	.01	.03	1	1
13N 3+50E	1	45	15	87	.4	26	13	521	3.39	18	5	ND	2	9	1	2	2	49	.11	.046	7	23	.46	72	.06	2	2.32	.01	.03	1	2
13N 3+75E	1	65	12	98	.2	30	18	383	4.38	12	5	ND	2	17	1	2	2	80	.26	.062	5	20	.66	81	.11	2	2.85	.01	.03	1	1
13N 4+00E	1	105	18	88	.3	96	18	344	4.29	21	5	ND	3	30	1	2	2	71	.36	.062	7	57	.89	104	.09	2	3.24	.01	.04	1	1
13N 4+25E	1	69	18	101	.3	54	16	453	4.36	20	5	ND	3	14	1	2	2	65	.17	.078	8	35	.81	107	.08	2	3.63	.01	.04	1	3
13N 4+50E	1	38	16	80	.4	22	13	406	3.31	21	5	ND	2	16	1	2	2	46	.15	.110	7	20	.42	77	.08	2	3.36	.01	.04	1	1
13N 4+75E	1	31	17	46	.1	12	7	150	2.53	9	5	ND	2	29	1	2	2	37	.10	.098	3	12	.23	69	.11	2	4.30	.01	.02	2	1
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13N 5+25E	1	107	16	58	.3	42	22	422	4.80	10	5	ND	2	15	1	3	3	85	.16	.064	3	34	.94	71	.11	2	3.66	.01	.02	1	18
13N 5+50E	1	61	18	76	.1	48	24	417	4.19	11	5	ND	2	19	1	2	2	68	.29	.066	3	28	.76	88	.13	2	3.63	.01	.02	1	4
13N 5+75E	1	37	14	70	.2	31	14	339	3.85	9	5	ND	2	24	1	3	2	68	.37	.040	3	27	.85	98	.09	2	3.59	.01	.04	1	1
13N 6+00E	1	27	19	39	.2	15	10	229	2.92	13	5	ND	2	14	1	2	2	48	.23	.037	5	18	.40	55	.10	2	3.91	.01	.02	1	1
12N 0+00E	1	41	15	69	.2	16	8	190	3.19	8	5	ND	2	10	1	2	2	54	.15	.047	6	23	.30	64	.11	2	2.85	.01	.02	1	1
12N 0+25E	1	337	22	116	.3	53	13	417	4.17	11	5	ND	3	23	1	2	3	66	.67	.050	10	37	.74	98	.09	2	3.35	.01	.06	1	2
12N 0+50E	1	31	15	85	.3	20	9	288	3.44	8	5	ND	2	10	1	2	2	55	.17	.081	6	25	.40	91	.10	2	3.21	.01	.04	1	1
12N 0+75E	1	31	18	82	.2	23	10	525	3.41	10	5	ND	2	12	1	2	2	56	.20	.084	5	26	.48	94	.10	2	2.63	.01	.04	1	1
12N 1+00E	1	18	13	79	.2	14	8	479	2.79	3	5	ND	2	10	1	2	3	49	.13	.119	4	19	.29	77	.09	2	1.93	.01	.03	1	2
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12N 1+50E	1	33	15	90	.2	17	11	403	3.27	13	5	ND	2	14	1	2	2	55	.21	.141	4	22	.43	77	.09	2	2.43	.01	.04	1	2
12N 1+75E	1	92	16	112	.6	29	13	1290	3.61	10	5	ND	2	36	1	2	2	57	.95	.049	10	38	.73	93	.08	2	3.23	.01	.03	1	1
12N 2+00E	1	93	14	85	.2	24	11	254	3.83	11	5	ND	2	31	1	2	2	71	.79	.046	7	31	.67	72	.11	2	3.40	.01	.03	1	2
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STD C/AU-S	16	57	38	132	6.6	67	29	952	4.14	39	16	7	36	47	17	17	18	56	.50	.088	35	55	.92	172	.06	32	2.02	.06	.14	11	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
12N 2+75E	1	66	12	69	.1	25	12	410	3.23	11	5	ND	2	17	1	2	2	56	.18	.069	7	32	.71	87	.10	2	3.24	.01	.03	1	1
12N 3+00E	1	408	15	55	.1	53	15	275	3.74	9	5	ND	2	18	1	2	2	70	.22	.056	8	34	.69	57	.12	2	3.21	.01	.03	1	1
12N 3+25E	1	203	11	90	.1	50	19	377	3.51	14	5	ND	2	17	1	2	2	68	.22	.088	6	36	.65	70	.11	2	2.82	.01	.02	1	1
12N 3+50E	1	62	18	79	.1	24	12	558	3.06	12	5	ND	2	16	1	2	2	55	.15	.090	5	24	.44	86	.11	2	2.52	.01	.04	1	18
12N 3+75E	1	116	13	95	.1	39	26	441	4.61	44	5	ND	2	40	1	2	2	92	.37	.075	5	30	1.33	75	.12	2	2.90	.01	.05	1	1
12N 4+00E	1	38	15	80	.1	27	13	379	2.95	13	5	ND	2	18	1	4	2	49	.20	.054	6	24	.50	82	.09	2	2.64	.01	.04	1	1
12N 4+25E	1	41	17	99	.2	33	15	419	3.52	12	5	ND	1	19	1	2	2	63	.20	.043	5	32	.72	72	.10	2	2.70	.01	.05	1	1
12N 4+50E	1	44	13	78	.1	29	16	499	3.67	13	5	ND	1	23	1	2	2	73	.28	.048	4	38	.70	60	.10	2	2.17	.01	.04	1	3
12N 4+75E	1	54	13	72	.1	29	17	576	3.75	12	5	ND	1	41	1	2	2	67	.22	.049	5	35	.83	91	.07	2	2.89	.01	.05	1	1
12N 5+00E	1	66	12	88	.2	26	18	522	4.12	18	5	ND	1	41	1	2	2	79	.42	.073	3	23	.94	82	.04	2	3.34	.01	.08	2	1
12N 5+25E	1	92	11	73	.1	29	19	545	4.31	10	5	ND	1	42	1	2	2	81	.37	.046	5	38	1.04	60	.07	2	2.42	.01	.05	1	1
12N 5+50E	1	139	16	83	.1	29	31	1664	4.77	22	5	ND	1	60	1	2	2	101	.48	.067	5	26	.89	155	.04	2	3.23	.01	.04	1	2
12N 5+75E	1	105	16	64	.1	28	22	648	4.67	14	5	ND	1	69	1	5	2	99	.39	.026	5	36	1.50	134	.04	2	3.21	.01	.03	2	1
12N 6+00E	1	243	16	72	.2	29	24	439	5.15	16	5	ND	2	233	1	5	2	97	.27	.054	4	33	2.11	386	.04	2	4.23	.01	.07	1	1
11N 0+00E	1	45	15	77	.2	17	12	459	3.27	10	5	ND	1	13	1	2	2	58	.13	.143	5	27	.40	93	.09	2	2.36	.01	.04	1	2
11N 0+25E	1	92	19	84	.3	26	10	391	2.86	4	5	ND	1	18	1	4	2	56	.49	.055	6	24	.38	70	.11	3	2.94	.01	.03	1	2
11N 0+50E	1	40	15	87	.3	18	10	546	2.72	11	5	ND	2	11	1	4	2	52	.22	.089	5	23	.35	85	.09	2	2.33	.01	.06	1	1
11N 0+75E	1	71	11	70	.2	24	13	349	3.31	8	5	ND	2	16	1	2	2	61	.25	.100	5	29	.60	59	.10	2	2.21	.01	.06	1	1
11N 1+00E	1	188	21	114	1.7	52	13	1988	4.27	10	9	ND	2	47	1	4	2	80	1.08	.049	22	61	.88	229	.10	3	4.37	.01	.08	1	1
11N 1+25E	1	26	10	86	.2	18	10	285	2.53	5	5	ND	1	11	1	2	2	41	.19	.049	7	26	.40	69	.09	2	2.58	.01	.05	1	1
11N 1+50E	1	130	13	90	.2	43	16	649	3.78	12	5	ND	2	34	1	2	2	74	.63	.049	8	52	1.08	133	.08	2	2.49	.01	.06	1	1
11N 1+75E	1	55	14	75	.2	31	13	280	3.51	12	5	ND	2	17	1	5	2	69	.27	.041	8	48	.68	67	.10	2	3.29	.01	.05	1	1
11N 2+00E	1	159	16	73	.1	31	25	650	7.80	13	5	ND	1	29	1	6	2	166	.60	.150	6	39	2.33	59	.02	2	4.18	.01	.03	3	1
11N 2+25E	1	36	11	57	.2	19	11	308	3.18	14	5	ND	2	18	1	2	2	61	.30	.066	5	28	.64	66	.08	2	1.76	.01	.04	1	32
11N 2+50E	1	146	13	54	.1	21	16	468	5.98	14	5	ND	2	26	1	2	2	93	.46	.079	7	30	1.04	72	.01	2	2.99	.01	.02	1	1
11N 2+75E	1	25	13	87	.2	18	10	440	2.63	6	5	ND	2	8	1	4	2	41	.10	.082	4	12	.27	65	.11	2	2.48	.01	.05	1	1
11N 3+00E	1	54	13	75	.1	18	14	744	3.36	8	5	ND	1	12	1	2	3	61	.19	.111	3	21	.43	69	.10	2	2.37	.01	.04	1	1
11N 3+25E	1	44	13	75	.4	26	14	314	4.21	9	5	ND	2	14	1	2	2	88	.21	.066	4	28	.68	49	.14	2	2.70	.01	.05	1	1
11N 3+50E	1	32	11	70	.2	19	10	345	2.61	9	5	ND	2	12	1	5	2	42	.14	.084	5	19	.24	60	.12	2	2.92	.01	.03	2	1
11N 3+75E	1	46	13	77	.2	30	16	670	3.73	14	5	ND	2	29	1	2	2	78	.34	.043	5	38	1.13	89	.10	2	2.39	.01	.05	2	2
11N 4+00E	1	49	14	70	.1	26	16	492	3.66	9	5	ND	1	30	1	2	2	68	.41	.066	5	32	.76	69	.08	2	2.23	.01	.05	1	1
11N 4+25E	1	79	15	99	.2	42	22	818	4.66	8	5	ND	2	31	1	2	2	85	.36	.094	6	44	1.13	88	.07	2	2.83	.01	.05	2	1
11N 4+50E	1	67	12	109	.4	25	18	1430	3.66	12	5	ND	1	38	1	2	2	65	.59	.091	6	31	.65	134	.06	2	2.27	.01	.05	1	1
11N 4+75E	1	63	15	140	.4	33	20	747	5.05	22	5	ND	1	23	1	2	2	79	.32	.087	6	41	1.05	79	.07	2	3.04	.01	.04	1	1
11N 5+00E	1	50	18	111	.3	29	23	1116	5.33	18	5	ND	1	29	1	2	2	101	.35	.070	5	37	1.05	82	.08	2	2.50	.01	.06	1	2
11N 5+25E	1	48	13	89	.1	26	13	284	4.10	19	5	ND	2	14	1	2	2	67	.16	.077	6	33	.69	63	.09	2	2.63	.01	.05	1	1
STD C/AU-S	18	60	41	132	6.9	68	30	1027	4.20	41	22	8	37	47	19	19	22	60	.51	.097	39	53	.96	175	.07	33	1.92	.06	.14	11	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
11N 5+50E	1	37	10	103	.1	33	12	457	3.18	2	5	ND	2	17	1	2	2	59	.23	.078	7	35	.61	85	.11	2	2.74	.01	.04	1	11
11N 5+75E	1	73	10	128	.1	24	24	1773	5.53	20	5	ND	1	39	1	2	3	174	.63	.088	4	36	1.71	105	.08	2	2.51	.01	.05	1	3
11N 6+00E	1	77	9	128	.1	64	21	826	4.41	4	5	ND	6	229	1	3	2	83	.98	.265	26	59	1.80	101	.18	15	3.16	.02	.05	1	1
10N 0+00E	1	53	10	90	.2	27	13	449	3.02	6	5	ND	3	17	1	2	2	62	.20	.083	8	34	.48	85	.12	2	2.93	.01	.03	3	1
10N 0+25E	1	51	13	116	.2	29	14	506	3.28	2	5	ND	3	10	1	2	2	63	.16	.103	6	35	.44	103	.13	2	3.49	.01	.04	1	1
10N 0+50E	1	41	13	90	.3	27	13	352	3.29	7	5	ND	2	18	1	2	2	70	.30	.042	6	39	.63	89	.12	2	2.73	.01	.05	1	3
10N 0+75E	1	119	11	90	.2	17	17	373	4.54	10	5	ND	1	28	1	2	2	88	.49	.141	5	25	.78	59	.12	2	1.75	.01	.05	1	1
10N 1+00E	1	141	13	122	1.0	86	16	1259	4.03	2	5	ND	4	34	1	2	2	86	.95	.060	9	74	.89	136	.14	3	4.32	.02	.06	1	1
10N 1+25E	1	48	11	82	.4	21	11	231	3.36	8	5	ND	2	22	1	2	2	75	.41	.056	4	32	.59	66	.11	2	2.09	.01	.03	1	1
10N 1+50E	1	30	7	77	.2	21	9	197	3.06	5	5	ND	2	21	1	2	2	70	.34	.074	7	33	.61	79	.09	4	1.94	.01	.03	3	41
10N 1+75E	1	23	12	79	.1	19	9	162	3.09	2	5	ND	2	21	1	2	2	68	.35	.058	6	31	.53	87	.09	2	2.15	.01	.04	1	1
10N 2+00E	1	16	8	50	.1	14	6	164	2.22	7	5	ND	2	23	1	2	2	58	.39	.051	6	27	.47	58	.09	2	1.52	.01	.03	1	3
10N 2+25E	1	34	3	97	.1	23	12	345	3.38	2	5	ND	2	18	1	2	2	77	.26	.059	7	36	.86	106	.10	2	2.46	.01	.04	1	1
10N 2+50E	1	39	12	112	.2	27	13	222	3.72	2	5	ND	3	16	1	2	2	75	.25	.029	8	41	.69	101	.09	2	3.03	.01	.06	1	1
10N 2+75E	1	50	6	103	.5	30	17	224	5.16	2	5	ND	2	19	1	2	2	110	.34	.049	4	42	.70	69	.13	4	3.86	.01	.03	1	1
10N 3+00E	1	63	11	118	.1	28	19	322	3.96	4	5	ND	1	17	1	2	2	95	.27	.078	4	36	.83	69	.12	2	2.32	.01	.04	1	1
10N 3+25E	1	21	15	147	.3	29	15	470	3.99	6	5	ND	3	125	1	2	2	79	.64	.134	21	44	1.43	81	.26	2	2.19	.01	.04	3	1
10N 3+50E	1	42	10	91	.1	22	13	581	3.46	2	5	ND	2	21	1	2	3	77	.29	.047	5	34	.64	82	.09	2	2.29	.01	.03	1	1
10N 3+75E	1	32	13	94	.1	23	14	596	4.57	9	5	ND	2	16	1	2	2	65	.24	.081	5	26	.33	99	.08	3	3.32	.01	.03	1	1
10N 4+00E	1	34	11	89	.1	18	11	1020	3.14	7	5	ND	1	22	1	2	2	75	.29	.060	5	28	.52	91	.10	2	1.69	.01	.04	1	1
10N 4+25E	1	33	7	90	.1	20	12	750	2.93	14	5	ND	2	20	1	2	2	62	.26	.054	6	27	.48	76	.10	2	2.23	.01	.04	1	2
10N 4+50E	1	47	6	93	.1	28	14	622	3.25	2	5	ND	2	21	1	2	2	65	.31	.080	6	32	.70	76	.10	2	2.51	.01	.03	1	1
10N 4+75E	1	42	10	134	.1	28	16	921	3.83	19	5	ND	2	20	1	2	2	70	.36	.063	6	36	.84	95	.09	4	2.61	.01	.04	1	1
10N 5+00E	1	45	11	137	.1	30	14	732	3.73	16	5	ND	2	15	1	2	2	70	.27	.068	7	30	.86	96	.11	4	2.93	.01	.05	1	1
10N 5+25E	2	253	15	154	.3	74	26	552	5.55	28	5	ND	3	18	1	2	2	79	.26	.087	10	45	1.14	59	.08	5	3.38	.01	.06	2	15
10N 5+50E	1	88	12	145	.1	57	23	1359	4.64	2	5	ND	2	28	1	2	2	103	.69	.059	7	62	2.13	107	.12	2	3.31	.01	.05	1	1
10N 5+75E	1	47	13	168	.1	33	19	1535	4.00	7	5	ND	1	28	1	2	2	66	.39	.067	6	31	.61	100	.07	3	2.48	.01	.05	1	1
10N 6+00E	1	55	11	148	.1	36	19	1748	3.61	2	5	ND	1	42	1	2	2	77	.54	.163	7	43	.92	106	.09	2	2.25	.01	.07	1	1
9N 0+00E	1	52	10	89	.1	39	16	348	3.78	2	5	ND	3	23	1	2	2	89	.40	.064	6	64	1.10	121	.13	2	2.86	.01	.04	1	1
9N 0+25E	1	44	9	77	.2	30	15	297	3.74	3	5	ND	2	21	1	2	2	93	.33	.065	5	58	.77	96	.14	2	2.73	.01	.05	2	1
9N 0+50E	1	42	8	124	.1	32	18	489	4.51	2	5	ND	4	293	1	2	2	117	1.72	.249	28	61	1.44	119	.22	3	2.25	.03	.04	1	23
9N 0+75E	1	76	10	77	.1	36	14	253	4.60	6	5	ND	3	79	1	2	2	132	1.06	.080	14	61	.95	94	.27	2	2.01	.02	.04	1	1
9N 1+00E	1	56	10	68	.2	29	13	281	3.62	2	5	ND	2	18	1	2	2	88	.29	.065	5	45	.51	73	.15	2	2.70	.01	.03	1	1
9N 1+25E	1	18	14	70	.2	24	10	161	2.99	3	5	ND	3	11	1	2	3	64	.14	.079	5	56	.36	75	.11	2	2.18	.01	.04	1	1
9N 1+50E	1	127	12	107	.5	31	12	326	3.51	2	5	ND	3	21	1	2	2	71	.43	.067	8	45	.51	125	.10	2	3.44	.01	.04	1	1
9N 1+75E	1	173	9	35	.2	34	9	216	2.27	2	5	ND	4	19	1	3	2	42	.36	.037	10	53	.24	47	.13	2	4.53	.02	.02	1	1
STD C/AU-S	19	63	39	133	7.6	71	31	1038	3.89	43	19	8	36	47	19	16	23	61	.52	.091	39	55	.92	179	.07	33	1.92	.06	.13	12	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
9N 2+00E	1	23	8	68	.1	16	12	467	3.76	2	5	ND	2	11	1	2	2	72	.18	.116	5	33	.41	74	.13	2	2.55	.01	.04	1	1
9N 2+25E	1	44	17	60	.4	16	8	295	3.32	2	5	ND	2	9	1	2	2	59	.17	.075	5	37	.23	74	.12	2	2.35	.01	.04	1	1
9N 2+50E	1	98	11	52	.1	36	11	162	3.26	6	5	ND	3	9	1	2	2	63	.17	.041	7	54	.41	65	.12	2	3.02	.01	.04	1	1
9N 2+75E	1	60	18	79	.1	23	13	332	3.50	3	5	ND	3	7	1	2	2	69	.09	.071	5	28	.41	84	.14	2	3.43	.01	.04	1	17
9N 3+00E	1	31	12	84	.1	23	12	443	3.40	2	5	ND	3	8	1	2	2	66	.12	.097	5	62	.50	76	.12	2	2.83	.01	.04	1	8
9N 3+25E	1	70	14	117	.1	40	20	647	4.37	13	5	ND	2	41	1	2	2	90	.32	.108	8	45	1.04	109	.15	2	3.07	.01	.06	1	1
9N 3+50E	1	61	12	80	.4	28	15	359	4.44	9	5	ND	2	18	1	2	2	85	.28	.058	5	51	.55	69	.12	2	2.47	.02	.04	1	2
9N 3+75E	1	77	16	84	.2	24	16	690	3.67	6	5	ND	2	14	1	2	2	59	.18	.103	5	30	.53	66	.14	2	2.42	.01	.05	1	1
9N 4+00E	1	154	14	90	.1	34	24	623	5.41	5	5	ND	2	18	1	2	2	93	.30	.113	4	34	.46	69	.11	2	2.62	.01	.04	1	1
9N 4+25E	1	80	8	81	.1	49	21	746	7.30	20	5	ND	1	20	1	2	2	153	.36	.052	4	141	.84	79	.09	2	2.51	.01	.05	1	1
9N 4+50E	1	50	14	84	.1	36	18	587	4.18	20	5	ND	3	23	1	4	2	67	.65	.040	6	35	1.68	111	.10	5	3.55	.01	.03	1	1
9N 4+75E	1	38	13	102	.1	30	14	988	3.54	11	5	ND	2	34	1	2	2	57	.75	.052	6	36	1.01	186	.08	3	3.12	.01	.06	1	1
9N 5+00E	1	53	17	90	.1	32	15	1104	3.93	17	5	ND	2	28	1	2	2	57	1.33	.025	9	38	1.33	141	.08	3	3.52	.01	.08	1	1
9N 5+25E	1	86	9	76	.2	24	13	475	4.76	16	5	ND	2	33	1	2	2	60	.92	.031	8	27	.88	82	.07	2	3.17	.01	.13	1	8
9N 5+50E	1	93	11	113	.1	33	20	1086	5.54	14	5	ND	2	41	1	2	3	94	.75	.070	8	41	1.14	86	.07	2	2.93	.01	.09	2	1
9N 5+75E	1	68	17	143	.1	61	24	789	4.55	11	5	ND	2	69	1	2	2	61	.69	.120	11	51	1.12	147	.16	4	3.35	.01	.12	1	1
9N 6+00E	1	122	10	94	.1	60	28	610	5.48	8	5	ND	2	60	1	2	2	89	.87	.089	8	45	.98	125	.12	2	3.66	.01	.12	1	1
8N 0+00E	1	32	13	75	.1	24	12	321	4.06	2	5	ND	2	11	1	2	2	87	.19	.100	4	39	.51	81	.13	2	2.35	.01	.07	1	1
8N 0+25E	1	22	14	56	.2	18	11	182	3.93	2	5	ND	2	17	1	2	3	86	.25	.074	4	46	.60	76	.15	2	2.09	.02	.03	1	1
8N 0+50E	1	14	17	49	.2	13	6	107	3.98	11	5	ND	2	13	1	2	2	83	.19	.089	4	37	.30	62	.15	2	1.66	.01	.04	1	1
8N 0+75E	1	18	12	89	.1	40	20	434	6.02	2	5	ND	2	17	1	2	2	145	.32	.095	3	123	.72	111	.16	2	2.22	.01	.06	1	1
8N 1+00E	1	50	9	78	.1	38	23	728	5.58	2	5	ND	2	27	1	2	2	140	.45	.060	4	103	1.12	89	.14	2	1.89	.01	.05	1	2
8N 1+25E	1	154	14	126	.3	52	18	315	5.17	2	5	ND	2	31	1	2	2	99	.62	.071	5	73	.76	103	.15	2	2.43	.01	.05	2	1
8N 1+50E	1	42	12	75	.2	29	10	174	4.71	9	5	ND	2	15	1	2	2	100	.23	.092	4	90	.68	53	.10	2	1.55	.01	.05	1	56
8N 1+75E	1	868	14	116	1.5	119	17	2663	4.17	14	5	ND	2	45	1	3	2	86	1.47	.113	28	88	.69	171	.05	2	3.43	.01	.07	2	4
8N 2+00E	1	33	8	69	.1	17	6	172	3.53	5	5	ND	1	12	1	2	2	65	.17	.060	7	34	.44	70	.07	2	1.50	.01	.04	1	1
8N 2+25E	1	14	12	68	.1	38	12	168	4.14	2	5	ND	2	8	1	2	2	63	.11	.036	4	135	.81	58	.09	2	1.83	.01	.04	1	1
8N 2+50E	1	10	15	81	.1	47	24	1294	4.88	5	5	ND	2	12	1	2	2	100	.24	.049	3	154	.73	97	.13	2	1.71	.01	.04	1	1
8N 2+75E	1	41	14	73	.1	38	27	489	5.28	2	5	ND	2	23	1	2	2	102	.39	.054	5	93	.94	81	.09	2	2.12	.01	.05	2	1
8N 3+00E	1	41	14	63	.2	27	12	162	4.30	13	5	ND	2	16	1	2	3	95	.22	.038	4	54	.57	62	.10	2	2.05	.01	.05	1	20
8N 3+25E	1	46	14	64	.2	24	14	293	4.41	12	5	ND	2	16	1	2	2	80	.21	.066	5	40	.63	77	.09	2	2.41	.01	.04	1	16
8N 3+50E	1	91	8	87	.1	56	22	356	4.96	2	5	ND	3	22	1	2	2	80	.30	.107	6	59	1.01	74	.12	2	3.04	.01	.10	1	1
8N 3+75E	1	101	9	68	.1	54	28	410	5.39	2	5	ND	2	33	1	2	2	102	.60	.072	3	70	1.35	64	.16	2	3.08	.02	.06	1	1
8N 4+00E	1	60	13	66	.1	34	23	671	4.30	2	5	ND	2	22	1	2	3	76	.31	.123	4	39	.72	84	.13	2	2.36	.01	.11	1	1
8N 4+25E	1	22	10	60	.1	25	16	780	2.71	3	5	ND	1	25	1	2	2	44	.36	.165	3	26	.38	102	.12	2	1.86	.02	.06	1	1
8N 4+50E	1	46	11	56	.1	33	17	426	3.64	2	5	ND	1	29	1	2	2	74	.50	.067	3	44	.68	63	.08	2	1.92	.01	.07	1	1
STD C/AU-S	18	63	42	132	7.4	69	31	1037	4.30	39	17	7	37	48	19	16	23	61	.51	.092	39	55	.88	180	.07	33	1.96	.06	.16	12	54

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
8N 4+75E	1	30	7	74	.2	28	15	518	3.35	9	5	ND	1	16	1	2	3	62	.25	.171	4	39	.38	67	.11	2	2.33	.01	.03	1	1
8N 5+00E	1	43	8	90	.1	31	15	655	3.59	13	5	ND	1	22	1	2	2	64	.31	.055	6	37	.69	97	.08	2	2.27	.01	.04	1	6
8N 5+25E	1	20	13	68	.2	19	10	756	2.39	3	5	ND	1	27	1	2	2	37	.39	.107	5	16	.23	75	.10	3	2.58	.01	.03	2	1
8N 5+50E	1	19	12	74	.1	24	12	624	2.85	5	5	ND	2	24	1	2	2	46	.33	.196	4	24	.33	71	.11	2	2.53	.01	.04	2	1
8N 5+75E	1	31	7	65	.1	30	14	620	3.21	2	5	ND	1	21	1	2	2	56	.31	.062	5	32	.59	74	.09	2	2.36	.01	.04	1	5
8N 6+00E	1	28	10	76	.2	31	13	305	3.47	9	5	ND	2	21	1	2	2	59	.32	.090	5	35	.59	91	.10	3	2.95	.01	.03	2	3
7N 0+00E	1	197	7	83	.2	50	23	852	4.41	2	5	ND	2	32	1	2	2	90	.61	.070	9	69	1.15	98	.13	2	2.78	.01	.04	1	1
7N 0+25E	1	61	9	87	.1	28	11	220	3.79	2	5	ND	2	13	1	2	2	60	.22	.066	7	41	.60	95	.11	2	2.87	.01	.03	1	1
7N 0+50E	1	518	16	134	.4	130	24	1756	5.82	6	5	ND	3	33	1	2	2	99	.78	.056	13	115	1.75	177	.10	2	4.37	.01	.09	1	3
7N 0+75E	1	43	6	81	.3	22	7	287	2.75	6	5	ND	2	17	1	2	3	53	.40	.070	7	38	.47	93	.09	2	1.88	.01	.03	1	1
7N 1+00E	1	57	11	87	.3	31	12	157	3.50	2	5	ND	3	13	1	2	2	61	.21	.057	6	45	.49	78	.12	2	2.88	.01	.03	1	1
7N 1+25E	1	45	7	75	.2	28	12	315	3.76	2	5	ND	2	15	1	2	2	76	.24	.055	6	50	.60	84	.11	2	2.07	.01	.03	1	1
7N 1+50E	1	34	9	71	.1	21	7	225	2.76	2	5	ND	2	7	1	2	2	48	.10	.090	7	32	.34	70	.09	2	2.08	.01	.02	1	1
7N 1+75E	1	113	10	82	.2	33	11	274	3.37	2	5	ND	3	12	1	2	2	64	.20	.076	7	46	.55	89	.12	2	2.30	.01	.03	1	2
7N 2+00E	1	48	5	73	.1	41	18	403	4.15	4	5	ND	2	23	1	2	2	86	.42	.057	5	78	.96	90	.11	2	2.33	.01	.03	1	1
7N 2+25E	1	25	7	97	.2	27	18	904	3.61	4	5	ND	2	15	1	2	2	68	.25	.070	5	52	.68	81	.10	2	2.04	.01	.03	1	2
7N 2+50E	1	26	8	84	.1	26	13	561	3.01	2	5	ND	2	14	1	2	3	55	.25	.081	5	40	.39	111	.11	2	2.46	.01	.04	2	2
7N 2+75E	1	34	10	69	.2	20	9	501	3.46	2	5	ND	2	16	1	2	3	78	.26	.072	5	40	.46	83	.12	2	1.32	.01	.04	1	1
7N 3+00E	1	138	7	80	.1	37	19	395	4.04	2	5	ND	2	18	1	2	2	75	.35	.073	6	40	.65	82	.14	3	2.72	.01	.06	1	1
7N 3+25E	1	117	4	61	.1	42	20	272	4.46	2	5	ND	1	34	1	2	3	92	.53	.057	4	66	.99	61	.15	2	1.98	.02	.05	2	1
7N 3+50E	1	101	14	79	.1	30	18	804	4.35	2	5	ND	1	29	1	2	3	92	.42	.116	4	51	.91	87	.15	2	2.08	.02	.05	1	20
7N 3+75E	1	43	5	66	.2	36	22	696	4.46	2	5	ND	1	40	1	2	2	108	.61	.063	4	80	1.10	76	.13	2	1.62	.02	.04	1	1
7N 4+00E	1	170	7	63	.2	44	29	705	6.92	2	5	ND	2	59	1	2	2	148	.82	.130	4	110	2.10	51	.11	2	2.47	.01	.03	2	4
7N 4+25E	1	61	8	83	.1	37	19	472	3.85	5	5	ND	2	27	1	2	2	79	.44	.103	5	51	.85	73	.12	2	2.87	.02	.06	2	1
7N 4+50E	1	56	7	92	.1	35	20	1230	4.32	10	5	ND	1	27	1	2	3	77	.51	.113	5	50	.92	98	.09	3	2.53	.01	.04	2	2
7N 4+75E	1	44	6	78	.2	34	19	761	4.52	4	5	ND	1	27	1	2	2	88	.43	.068	5	63	.98	41	.13	2	2.38	.01	.04	1	1
7N 5+00E	1	56	2	92	.2	37	24	874	5.41	2	5	ND	1	38	1	2	2	109	.60	.154	4	66	1.34	42	.09	2	2.93	.01	.05	1	2
7N 5+25E	1	45	11	104	.1	35	19	778	4.08	7	5	ND	1	31	1	2	2	77	.52	.096	5	47	.78	69	.10	3	2.58	.01	.05	1	25
7N 5+50E	1	47	2	63	.1	32	17	685	4.10	8	5	ND	1	31	1	2	3	81	.51	.083	5	48	1.18	69	.09	2	2.21	.01	.04	2	2
7N 5+75E	1	70	5	70	.2	35	20	784	4.81	10	5	ND	1	31	1	2	2	93	.46	.104	4	65	.99	80	.07	2	2.18	.01	.05	1	1
7N 6+00E	1	37	11	79	.1	26	16	675	4.16	2	5	ND	1	38	1	2	2	80	.49	.150	4	54	.90	67	.12	2	2.06	.01	.04	1	2
6N 0+00E	1	17	12	98	.3	20	10	245	2.95	2	5	ND	2	15	1	2	2	54	.21	.098	7	35	.45	89	.10	2	2.61	.01	.04	1	1
6N 0+25E	1	25	8	92	.2	24	12	628	3.63	6	5	ND	2	17	1	2	2	74	.26	.092	5	61	.68	83	.13	2	2.40	.01	.04	3	1
6N 0+50E	1	34	5	108	.2	30	16	458	4.25	2	5	ND	2	20	1	2	3	85	.34	.082	4	76	.89	65	.14	2	2.66	.01	.04	1	1
6N 0+75E	1	44	6	61	.1	38	18	406	4.53	4	5	ND	1	45	1	2	2	104	.71	.068	5	109	1.64	62	.13	2	1.82	.02	.04	1	2
6N 1+00E	1	39	5	81	.2	30	17	431	4.18	2	5	ND	2	22	1	2	2	87	.35	.069	6	78	1.00	70	.12	2	2.42	.01	.04	1	1
STD C/AU-S	18	59	36	132	7.1	69	30	1032	4.24	37	20	7	36	45	18	19	20	60	.51	.095	37	58	.94	175	.07	33	1.90	.06	.13	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
6N 1+25E	1	78	11	113	.4	38	17	778	4.34	2	5	ND	2	17	1	2	2	72	.23	.061	7	56	.84	100	.12	2	2.95	.01	.06	1	1
6N 1+50E	1	23	8	97	.1	20	10	412	3.23	2	5	ND	1	12	1	2	2	62	.23	.069	6	41	.44	101	.09	2	1.95	.01	.04	1	1
6N 1+75E	1	20	10	87	.1	23	7	211	2.93	2	5	ND	1	8	1	2	2	49	.10	.078	6	30	.36	78	.09	2	2.50	.01	.05	1	1
6N 2+00E	1	67	11	101	.1	37	15	674	4.18	2	5	ND	2	13	1	2	2	77	.22	.081	7	52	.72	97	.11	2	2.42	.01	.11	1	1
6N 2+25E	1	33	11	77	.1	22	13	410	3.74	2	5	ND	1	13	1	2	2	65	.18	.164	5	38	.45	90	.09	2	2.54	.01	.03	1	1
6N 2+50E	1	35	8	72	.1	23	14	378	3.78	2	5	ND	2	17	1	2	2	69	.25	.135	5	43	.52	75	.09	2	2.14	.01	.03	1	1
6N 2+75E	1	60	11	75	.1	29	19	723	4.31	10	5	ND	1	22	1	2	2	92	.36	.062	5	50	.91	85	.10	3	2.07	.01	.08	2	20
6N 3+00E	1	36	12	69	.1	32	15	315	3.76	2	5	ND	2	15	1	2	2	75	.27	.062	4	53	.65	71	.11	2	2.27	.01	.04	1	1
6N 3+25E	1	73	3	65	.1	35	19	415	4.13	2	5	ND	1	25	1	2	2	94	.62	.036	4	51	.87	74	.11	3	2.22	.01	.07	1	1
6N 3+50E	1	114	2	64	.1	32	26	311	4.54	2	5	ND	1	27	1	2	2	105	.53	.051	3	36	.95	46	.15	2	2.00	.02	.06	1	1
6N 3+75E	1	60	7	58	.1	35	20	350	4.41	2	5	ND	1	23	1	2	2	101	.38	.055	4	68	.86	51	.13	2	2.10	.01	.06	2	1
6N 4+00E	1	98	7	67	.1	34	27	620	5.90	2	5	ND	1	56	1	2	2	143	.92	.066	2	63	1.34	62	.16	2	2.36	.02	.05	1	2
6N 4+25E	1	127	2	69	.1	59	33	662	6.81	2	5	ND	1	54	1	2	4	161	1.04	.062	4	104	1.63	71	.16	2	3.01	.04	.06	2	3
6N 4+50E	1	50	10	58	.1	37	16	426	2.97	2	5	ND	2	33	1	2	2	57	.62	.126	4	38	.56	73	.13	3	2.33	.02	.06	2	1
6N 4+75E	1	63	8	54	.1	36	21	636	3.84	2	5	ND	1	47	1	2	2	90	.77	.041	2	65	1.05	61	.14	2	2.01	.02	.05	1	1
6N 5+00E	1	53	7	66	.1	39	17	519	3.93	2	5	ND	1	32	1	2	2	84	.57	.038	4	70	1.05	77	.13	2	2.48	.02	.07	2	1
6N 5+25E	1	73	6	80	.1	50	23	1227	4.04	2	5	ND	1	47	1	2	2	78	.77	.067	3	65	1.18	119	.13	2	2.83	.02	.10	1	1
6N 5+50E	1	243	9	86	.1	44	26	633	5.42	2	5	ND	2	55	1	2	2	113	.64	.074	4	43	1.43	109	.13	2	3.90	.01	.05	1	1
6N 5+75E	1	204	5	69	.1	47	27	758	4.61	2	5	ND	1	54	1	2	2	122	1.05	.069	3	71	1.59	73	.16	2	2.03	.03	.06	1	1
6N 6+00E	1	69	5	64	.1	41	25	670	3.78	2	5	ND	1	63	1	2	3	96	1.34	.140	3	68	1.11	73	.14	2	1.68	.04	.13	1	9
5N 0+00E	1	21	13	62	.2	18	11	547	3.28	3	5	ND	1	18	1	2	2	77	.32	.093	3	43	.42	78	.10	2	1.71	.01	.02	1	2
5N 0+25E	1	15	7	64	.2	17	9	248	2.79	2	5	ND	1	11	1	2	3	54	.17	.089	5	32	.36	57	.10	2	1.83	.01	.03	1	1
5N 0+50E	1	21	9	71	.1	20	10	235	3.29	2	5	ND	2	13	1	2	2	66	.19	.088	4	45	.48	66	.11	2	2.20	.01	.04	1	1
5N 0+75E	1	17	10	92	.2	21	12	727	3.22	2	5	ND	1	12	1	2	3	57	.16	.146	6	43	.47	73	.09	2	2.37	.01	.04	1	1
5N 1+00E	1	30	11	98	.3	27	12	513	3.34	2	5	ND	2	9	1	2	2	60	.12	.077	8	42	.51	96	.10	2	2.64	.01	.05	1	3
5N 1+25E	1	21	12	111	.2	26	12	610	3.16	2	5	ND	2	9	1	2	3	56	.12	.111	7	37	.42	101	.11	2	3.05	.01	.06	1	1
5N 1+50E	1	25	10	98	.1	25	13	441	3.39	2	5	ND	2	10	1	2	3	69	.15	.134	5	49	.56	75	.11	2	2.20	.01	.05	1	1
5N 1+75E	1	40	7	99	.1	31	16	733	3.72	2	5	ND	2	15	1	2	2	75	.28	.090	5	60	.75	96	.10	2	2.25	.01	.05	1	1
5N 2+00E	1	25	11	105	.1	28	14	770	3.43	2	5	ND	2	14	1	2	2	67	.20	.102	5	46	.53	111	.11	2	2.17	.01	.05	1	1
5N 2+25E	1	37	10	73	.1	32	13	319	4.12	2	5	ND	2	19	1	2	2	91	.27	.049	5	66	.71	69	.11	2	1.89	.01	.06	1	14
5N 2+50E	1	33	9	90	.1	30	14	425	4.31	2	5	ND	2	17	1	2	2	90	.23	.060	5	63	.75	77	.12	2	2.18	.01	.07	1	1
5N 2+75E	1	33	12	88	.1	30	14	398	4.09	28	5	ND	1	18	1	2	3	87	.31	.052	4	64	.66	58	.10	2	1.85	.01	.05	1	1
5N 3+00E	1	213	10	77	.1	33	40	1123	6.14	16	5	ND	1	34	1	2	3	143	.93	.095	4	50	1.63	45	.09	2	1.90	.01	.10	1	3
5N 3+25E	1	114	13	85	.1	27	31	1539	4.64	8	5	ND	1	43	1	2	2	91	1.02	.111	5	38	1.15	88	.08	2	1.93	.01	.07	1	19
5N 3+50E	1	59	12	88	.1	21	26	1274	3.96	9	5	ND	1	33	1	2	2	66	.92	.229	4	32	.84	130	.07	2	1.87	.01	.07	1	8
5N 3+75E	1	67	8	67	.1	31	19	466	3.76	2	5	ND	2	21	1	2	2	75	.58	.066	4	61	.96	41	.11	2	2.10	.01	.05	1	1
STD C/AU-S	15	62	42	132	7.3	72	31	1039	4.26	38	18	8	36	48	19	18	25	61	.52	.090	39	56	.88	176	.07	33	1.88	.06	.14	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
5N 4+00E	1	88	6	93	.1	36	24	1124	4.64	9	5	ND	2	30	1	3	4	103	.81	.089	6	84	1.00	91	.12	3	2.37	.02	.07	1	3
5N 4+25E	1	62	8	66	.1	42	26	1026	5.08	8	5	ND	1	40	1	4	3	126	.94	.069	4	106	1.08	61	.15	3	2.37	.02	.06	1	2
5N 4+50E	1	104	3	69	.1	56	29	739	4.88	2	5	ND	1	37	1	2	3	112	.82	.071	3	77	1.08	66	.16	4	2.60	.02	.13	1	1
5N 4+75E	1	361	4	43	.1	58	22	634	3.88	11	5	ND	1	25	1	2	2	91	.62	.043	8	81	.71	29	.10	3	2.39	.02	.03	1	3
5N 5+00E	1	104	8	71	.1	45	23	502	4.96	2	5	ND	2	28	1	3	2	116	.52	.042	5	67	.92	67	.17	2	3.17	.01	.04	1	1
5N 5+25E	1	308	3	57	.1	71	23	495	4.98	13	5	ND	1	46	1	2	2	139	1.67	.032	6	79	1.02	41	.12	7	2.63	.02	.05	1	2
5N 5+50E	1	139	4	69	.1	42	27	1038	5.07	6	5	ND	1	40	1	2	2	130	.93	.047	4	68	.89	83	.15	3	2.45	.02	.04	1	7
5N 5+75E	1	42	2	63	.1	27	19	359	4.87	5	5	ND	1	37	1	2	2	124	.66	.056	3	53	.80	45	.15	3	2.04	.02	.06	2	5
5N 6+00E	1	67	9	48	.1	41	20	347	4.70	2	5	ND	1	41	1	2	3	126	.76	.018	3	80	1.20	63	.18	5	2.47	.03	.07	1	2
4N 0+00E	1	26	9	70	.1	20	11	415	4.61	6	5	ND	2	22	1	2	2	106	.37	.166	4	53	.68	75	.13	2	2.01	.01	.06	1	3
4N 0+25E	1	17	11	80	.2	14	9	310	3.51	4	5	ND	1	14	1	3	2	70	.23	.187	5	37	.40	68	.11	2	2.67	.01	.03	2	1
4N 0+50E	1	19	11	76	.1	16	8	244	3.44	3	5	ND	1	18	1	2	2	71	.29	.120	4	40	.48	54	.12	2	2.19	.01	.04	1	1
4N 0+75E	1	25	10	83	.2	25	11	233	4.03	7	5	ND	2	22	1	2	3	92	.35	.080	5	59	.68	55	.14	2	2.29	.02	.07	1	2
4N 1+00E	1	20	11	70	.1	24	11	244	3.92	6	5	ND	2	25	1	2	2	89	.37	.086	5	62	.67	57	.14	2	1.82	.02	.07	1	1
4N 1+25E	1	28	9	91	.1	31	15	405	3.95	8	5	ND	2	19	1	2	2	81	.30	.063	6	60	.80	89	.13	2	2.50	.01	.05	1	1
4N 1+50E	1	35	9	116	.2	36	17	488	4.49	7	5	ND	2	29	1	3	2	98	.43	.054	5	67	.91	110	.16	3	2.79	.01	.10	2	1
4N 1+75E	1	42	10	124	.1	39	20	535	5.07	2	5	ND	1	32	1	3	3	122	.57	.048	4	79	1.05	100	.16	2	2.63	.01	.06	1	1
4N 2+00E	1	39	9	101	.1	40	19	731	4.49	6	5	ND	2	30	1	2	2	103	.66	.057	5	76	.89	100	.13	2	2.50	.01	.08	1	1
4N 2+25E	1	64	8	126	.1	49	22	674	5.37	22	5	ND	2	35	1	3	2	116	.58	.061	6	95	1.04	87	.13	2	2.79	.01	.09	1	2
4N 2+50E	1	38	12	94	.1	37	17	371	4.03	4	5	ND	2	27	1	3	2	86	.45	.089	5	63	.67	91	.13	3	2.46	.01	.05	2	1
4N 2+75E	1	35	9	143	.1	32	18	664	4.88	18	5	ND	1	30	1	3	3	92	.45	.099	5	63	.81	98	.13	2	2.89	.01	.08	1	5
4N 3+00E	1	44	9	89	.1	34	17	369	4.84	2	5	ND	2	29	1	2	2	104	.46	.040	5	75	.91	63	.14	2	2.62	.01	.05	1	2
4N 3+25E	1	37	11	84	.1	31	16	433	3.94	6	5	ND	2	24	1	2	2	78	.42	.107	5	50	.64	83	.13	2	2.53	.01	.08	1	1
4N 3+50E	1	63	11	103	.1	45	20	551	4.08	2	5	ND	3	28	1	4	2	81	1.43	.047	9	73	1.30	94	.13	10	3.47	.01	.11	2	3
4N 3+75E	1	59	13	88	.1	46	22	525	4.66	2	5	ND	2	32	1	4	2	103	.89	.078	5	76	1.00	83	.14	3	2.77	.02	.07	1	3
4N 4+00E	1	95	8	111	.1	39	26	848	4.97	9	5	ND	1	31	1	2	2	102	.52	.163	5	56	.87	81	.13	2	2.67	.01	.06	1	1
4N 4+25E	1	73	8	78	.1	35	25	1448	3.93	2	5	ND	1	38	1	2	2	85	.66	.088	4	44	.82	103	.14	3	2.33	.02	.07	1	2
4N 4+50E	1	94	2	71	.1	37	24	587	5.19	5	5	ND	2	29	1	2	2	117	.43	.056	5	56	1.02	72	.14	2	2.96	.02	.08	1	2
4N 4+75E	1	105	10	82	.1	41	29	665	5.67	6	5	ND	2	50	1	3	2	132	.73	.081	5	52	1.17	60	.15	2	2.81	.01	.05	1	1
4N 5+00E	1	60	6	68	.1	37	22	660	4.73	4	5	ND	1	40	1	2	2	109	.67	.085	4	59	.99	65	.14	2	2.59	.02	.07	1	1
4N 5+25E	1	36	6	76	.1	32	19	948	3.94	6	5	ND	1	26	1	3	2	85	.38	.128	5	52	.67	90	.12	3	2.46	.02	.05	1	1
4N 5+50E	1	34	9	63	.2	35	17	383	3.84	2	5	ND	1	26	1	2	2	83	.42	.054	4	49	.74	53	.12	2	2.50	.02	.05	1	2
4N 5+75E	1	37	3	65	.1	27	26	1046	4.30	2	5	ND	1	47	1	2	2	101	.82	.096	3	35	.87	80	.15	3	2.35	.02	.05	1	1
4N 6+00E	1	53	8	54	.1	35	22	667	4.53	2	5	ND	2	42	1	3	2	115	.71	.037	4	55	1.01	72	.16	2	2.61	.02	.07	1	1
3N 0+00E	1	23	11	93	.1	22	11	485	3.45	9	5	ND	2	19	1	2	2	73	.34	.079	5	38	.53	79	.13	2	2.35	.01	.05	1	1
3N 0+25E	1	25	12	95	.2	19	11	400	3.45	9	5	ND	2	17	1	2	2	64	.25	.064	6	30	.46	80	.12	3	2.80	.01	.04	1	1
STD C/AU-S	17	61	43	132	7.3	70	31	1021	4.22	44	19	8	36	47	19	16	21	61	.50	.090	38	55	.89	173	.07	33	1.98	.06	.14	12	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
3N 0+50E	1	26	8	94	.1	23	14	635	3.84	2	5	ND	1	24	1	2	2	85	.34	.075	6	42	.62	93	.13	3	2.50	.02	.07	1	1
3N 0+75E	1	13	10	111	.1	19	9	326	2.72	4	5	ND	2	15	1	2	2	51	.19	.099	7	28	.35	105	.12	2	2.44	.01	.05	1	1
3N 1+00E	1	44	9	174	.3	34	17	488	4.58	4	5	ND	2	18	1	2	2	88	.26	.111	7	47	.69	94	.13	2	3.51	.01	.06	1	3
3N 1+25E	1	28	5	98	.2	28	15	322	4.04	3	5	ND	2	25	1	2	2	90	.35	.086	6	62	.68	91	.13	2	2.47	.02	.05	1	1
3N 1+50E	1	23	7	104	.1	24	12	362	3.52	10	5	ND	1	18	1	2	2	71	.25	.079	5	39	.52	86	.12	2	2.38	.01	.06	1	1
3N 1+75E	1	29	9	90	.2	36	16	274	3.97	7	5	ND	2	28	1	2	2	92	.38	.070	5	61	.71	73	.12	2	2.26	.02	.06	1	1
3N 2+00E	1	20	13	115	.2	28	12	309	3.20	2	5	ND	2	18	1	2	3	61	.24	.091	7	38	.56	80	.12	2	2.49	.01	.07	2	1
3N 2+25E	1	39	10	106	.1	33	16	345	3.72	2	5	ND	2	19	1	2	3	75	.28	.070	6	53	.76	79	.11	2	2.50	.01	.08	1	1
3N 2+50E	1	44	7	80	.1	27	13	401	3.43	2	5	ND	1	25	1	2	2	77	.46	.057	4	52	.55	76	.12	2	2.00	.02	.04	1	2
3N 2+75E	1	36	9	92	.1	32	15	790	3.55	5	5	ND	1	34	1	2	2	80	.70	.049	4	62	.72	143	.12	2	2.25	.02	.06	1	3
3N 3+00E	1	35	9	77	.2	36	17	345	3.57	3	5	ND	2	30	1	2	2	80	.48	.058	5	64	.74	88	.13	3	2.37	.02	.07	1	1
3N 3+25E	1	58	7	112	.1	34	17	532	4.62	2	5	ND	3	30	1	2	2	90	1.05	.040	8	69	1.22	109	.13	2	3.90	.01	.07	1	1
3N 3+50E	1	73	7	114	.1	36	18	627	4.40	2	5	ND	2	33	1	2	3	93	.98	.044	8	66	1.07	123	.12	2	3.24	.01	.06	1	1
3N 3+75E	1	47	6	61	.1	33	15	309	3.50	6	5	ND	5	29	1	2	2	78	.52	.040	5	49	.75	61	.12	4	2.20	.02	.05	1	1
3N 4+00E	1	98	8	87	.1	38	19	397	4.35	8	5	ND	1	30	1	2	2	93	.54	.037	5	61	.91	80	.13	2	2.90	.02	.07	1	2
3N 4+25E	1	48	2	61	.1	27	14	358	3.36	6	5	ND	1	27	1	2	2	73	.49	.033	4	47	.72	63	.10	2	2.15	.02	.11	1	1
3N 4+50E	1	39	7	79	.1	33	14	381	3.38	5	5	ND	1	24	1	2	2	69	.46	.064	5	40	.63	77	.11	2	2.75	.01	.06	1	5
3N 4+75E	1	42	12	71	.1	26	13	430	3.03	8	5	ND	1	24	1	2	2	56	.40	.087	5	32	.49	82	.10	2	2.57	.01	.05	2	1
3N 5+00E	1	40	3	76	.1	33	13	453	3.11	11	5	ND	2	21	1	2	2	57	.28	.069	5	30	.45	95	.12	2	3.44	.01	.04	1	1
3N 5+25E	1	45	12	107	.1	29	16	772	3.84	9	5	ND	1	24	1	2	2	77	.35	.062	5	39	.74	71	.11	2	3.03	.01	.04	1	7
3N 5+50E	1	73	8	88	.1	33	17	673	4.26	6	5	ND	2	81	1	2	2	83	.51	.056	7	51	1.11	93	.09	3	2.66	.01	.05	1	1
3N 5+75E	1	20	6	131	.1	13	12	776	3.76	10	5	ND	1	52	1	2	2	61	1.21	.043	6	22	.75	50	.13	4	2.02	.01	.03	1	1
3N 6+00E	1	291	7	105	.1	26	18	795	5.13	2	5	ND	3	26	1	3	3	68	1.10	.058	9	23	.81	143	.04	3	3.78	.01	.07	2	2
2N 0+00E	1	28	10	98	.3	19	11	457	2.94	4	5	ND	1	18	1	2	2	49	.23	.137	5	23	.38	102	.10	2	2.67	.01	.06	1	1
2N 0+25E	1	26	11	108	.3	22	11	560	2.91	3	5	ND	2	15	1	2	2	53	.20	.111	7	28	.48	79	.10	2	2.52	.01	.07	1	3
2N 0+50E	1	32	15	120	.3	23	12	374	3.71	7	5	ND	2	22	1	2	2	68	.29	.149	6	33	.51	80	.10	2	2.16	.01	.09	1	2
2N 0+75E	1	28	8	97	.3	20	12	290	3.34	7	5	ND	2	16	1	2	2	60	.22	.106	6	30	.46	76	.10	2	2.56	.01	.06	1	1
2N 1+00E	1	29	6	112	.1	24	12	331	3.89	7	5	ND	2	17	1	2	2	83	.23	.080	6	46	.59	61	.11	2	2.10	.01	.07	1	1
2N 1+25E	1	21	8	92	.3	25	11	359	3.23	8	5	ND	2	19	1	2	2	68	.31	.122	7	39	.46	104	.09	2	1.79	.01	.07	1	1
2N 1+50E	1	39	15	85	.3	29	13	312	3.45	8	5	ND	2	22	1	2	2	69	.24	.042	9	43	.67	66	.10	2	2.14	.01	.11	1	6
2N 1+75E	1	92	7	106	.1	36	20	549	5.16	23	5	ND	3	54	1	2	2	107	.60	.056	10	59	1.13	55	.12	2	2.30	.02	.09	1	2
2N 2+00E	1	57	9	91	.1	35	20	520	4.61	7	5	ND	2	30	1	2	2	108	.60	.042	6	77	1.07	52	.14	2	2.53	.02	.07	1	1
2N 2+25E	1	50	7	93	.1	31	17	589	4.17	7	5	ND	2	28	1	2	2	86	.50	.035	7	52	1.03	73	.13	2	2.65	.01	.11	1	2
2N 2+50E	1	62	6	71	.2	30	17	380	4.29	3	5	ND	2	39	1	2	2	101	.55	.021	6	65	1.18	49	.15	2	2.11	.02	.14	1	3
2N 2+75E	1	45	10	96	.1	32	16	388	3.87	3	5	ND	2	24	1	2	2	83	.57	.050	6	59	.70	93	.14	4	3.01	.02	.07	1	1
2N 3+00E	1	67	5	71	.1	36	17	358	4.52	5	5	ND	1	35	1	2	2	108	.58	.037	4	75	1.02	63	.13	2	2.10	.02	.07	1	2
STD C/AU-S	17	60	38	132	7.1	70	30	1028	4.05	43	20	8	36	47	18	17	23	60	.50	.096	37	55	.90	175	.07	33	2.00	.06	.15	11	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
2N 3+25E	1	58	11	99	.3	39	19	402	4.72	12	5	ND	2	30	1	2	2	98	.45	.052	5	70	.92	84	.13	7	2.55	.02	.06	1	1
2N 3+50E	1	56	8	88	.3	34	16	362	4.10	10	5	ND	2	26	1	2	3	78	.38	.049	7	57	.85	116	.11	12	2.60	.02	.08	1	11
2N 3+75E	1	51	12	92	.4	36	19	444	4.43	9	5	ND	1	29	1	2	2	94	.51	.099	4	70	.84	84	.11	12	2.26	.02	.08	1	4
2N 4+00E	1	64	12	71	.3	36	17	318	4.17	8	5	ND	2	28	1	2	2	85	.44	.054	7	61	.90	63	.12	13	2.41	.02	.07	1	2
2N 4+25E	1	41	10	83	.2	35	19	555	3.99	6	5	ND	1	30	1	2	3	80	.53	.088	4	55	.80	82	.12	11	2.39	.02	.06	1	6
2N 4+50E	1	43	8	83	.4	35	16	477	3.85	4	5	ND	2	27	1	2	2	79	.43	.063	5	61	.75	65	.12	13	2.34	.02	.08	1	10
2N 4+75E	1	82	13	88	.2	38	20	368	4.55	10	5	ND	2	36	1	2	2	95	.54	.056	6	65	1.02	74	.13	11	2.48	.02	.08	2	1
2N 5+00E	1	47	10	101	.3	37	16	408	3.85	7	5	ND	2	30	1	2	4	75	.41	.071	5	50	.70	106	.13	10	2.94	.02	.07	1	1
2N 5+25E	1	52	16	107	.3	36	17	700	4.08	8	5	ND	2	27	1	2	2	74	.34	.089	6	50	.78	100	.11	13	2.65	.02	.07	1	1
2N 5+50E	1	83	13	80	.1	40	17	359	4.27	8	5	ND	1	44	1	2	2	85	.60	.044	5	55	1.03	75	.10	14	2.55	.02	.11	1	1
2N 5+75E	1	51	5	80	.1	33	19	751	4.22	3	5	ND	1	39	1	2	2	90	.58	.050	5	65	.85	108	.10	7	2.41	.02	.10	1	1
2N 6+00E	1	71	8	90	.2	36	20	697	4.91	7	5	ND	1	41	1	2	2	106	.55	.046	5	75	1.10	94	.11	7	2.12	.02	.06	1	31
1N 0+00E	1	70	17	150	.5	49	21	762	5.36	9	5	ND	2	32	1	2	2	87	.34	.077	7	49	1.04	103	.11	8	2.77	.02	.07	1	1
1N 0+25E	1	55	9	94	.3	29	15	338	3.83	9	5	ND	2	21	1	2	2	71	.25	.079	6	44	.63	74	.13	6	2.68	.02	.04	1	1
1N 0+50E	1	23	10	102	.4	27	10	272	3.45	4	5	ND	3	16	1	2	3	64	.22	.066	10	40	.60	97	.10	2	2.19	.01	.08	1	2
1N 0+75E	1	25	9	96	.4	24	10	221	3.39	8	5	ND	3	15	1	2	2	65	.19	.067	9	40	.53	88	.12	9	2.48	.01	.07	1	1
1N 1+00E	1	37	13	84	.4	29	12	315	3.32	2	5	ND	2	14	1	2	3	64	.20	.057	10	45	.66	78	.10	2	2.04	.01	.08	1	1
1N 1+25E	1	34	13	90	.3	25	12	296	3.44	4	5	ND	2	20	1	2	4	65	.27	.110	7	43	.56	81	.12	7	2.45	.02	.07	1	1
1N 1+50E	1	116	12	62	.2	37	21	388	5.47	9	5	ND	1	40	1	2	2	129	.73	.036	5	80	1.29	37	.15	4	2.20	.03	.06	1	4
1N 1+75E	1	40	13	73	.4	25	14	415	4.46	6	5	ND	2	25	1	2	2	98	.35	.048	7	57	.76	71	.14	4	2.20	.02	.07	1	1
1N 2+00E	1	203	18	93	.5	50	21	429	5.58	8	5	ND	1	50	1	2	2	143	1.29	.036	8	93	1.30	78	.14	6	3.03	.03	.09	1	5
1N 2+25E	1	125	10	66	.2	36	25	487	5.73	5	5	ND	1	38	1	2	3	137	.62	.045	5	67	1.18	65	.20	5	2.76	.03	.05	1	2
1N 2+50E	1	72	5	86	.2	36	25	598	5.53	7	5	ND	2	34	1	2	2	124	.52	.056	6	74	1.10	68	.17	3	2.87	.03	.06	1	1
1N 2+75E	1	112	12	80	.2	38	30	724	5.51	3	5	ND	1	49	1	2	2	120	.80	.099	4	62	1.34	101	.18	5	2.60	.04	.07	1	2
1N 3+00E A	1	85	14	82	.1	49	30	645	5.65	10	5	ND	2	38	1	2	2	117	.59	.076	5	83	1.52	64	.14	4	2.71	.02	.07	1	11
1N 3+00E B	1	97	15	128	.3	41	22	540	5.39	9	5	ND	3	40	1	2	2	101	.46	.095	7	65	1.09	69	.16	3	3.30	.02	.09	1	3
1N 3+25E	1	87	10	113	.3	41	27	1260	4.76	6	5	ND	2	46	1	2	2	100	.73	.102	4	64	1.21	114	.15	3	2.50	.03	.07	1	1
1N 3+50E	1	69	6	72	.1	38	21	593	4.79	8	5	ND	1	38	1	2	2	110	.61	.050	4	92	1.15	69	.13	6	1.84	.02	.05	1	3
1N 3+75E	1	57	7	84	.1	41	22	628	4.85	10	5	ND	1	32	1	2	2	110	.45	.050	4	84	1.05	73	.14	4	2.20	.02	.05	1	2
1N 4+00E	1	80	12	91	.3	40	23	727	5.06	9	5	ND	1	40	1	2	2	110	.64	.096	4	88	1.11	83	.12	8	2.30	.02	.06	1	5
1N 4+25E	1	112	8	129	.2	39	23	976	5.64	10	5	ND	1	111	1	2	2	105	.74	.090	6	66	1.31	97	.12	4	2.73	.02	.10	1	2
1N 4+50E	1	49	7	98	.1	42	24	828	4.96	11	5	ND	1	45	1	2	2	111	.64	.113	4	110	1.17	100	.11	3	2.08	.02	.07	1	61
1N 4+75E	1	46	8	103	.1	37	21	1150	4.62	10	5	ND	1	36	1	2	2	100	.53	.108	4	92	.94	97	.10	5	2.05	.02	.06	1	2
1N 5+00E	1	102	3	57	.1	39	24	597	4.93	11	5	ND	1	50	1	2	3	111	.81	.065	5	110	1.25	44	.10	3	1.54	.02	.07	1	4
1N 5+25E	1	123	7	101	.2	42	24	902	5.35	12	5	ND	1	53	1	2	2	111	1.07	.075	7	78	1.39	80	.11	7	2.10	.03	.10	1	3
1N 5+50E	1	102	9	99	.2	40	23	781	5.22	8	5	ND	1	60	1	2	3	108	1.00	.072	5	73	1.33	73	.12	7	2.44	.03	.08	1	2
STD C/AU-S	18	59	40	132	6.7	70	31	1025	4.28	40	18	7	39	48	18	20	23	59	.49	.088	40	57	.93	179	.07	32	1.95	.06	.14	13	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
1N 5+75E	1	99	14	160	.4	36	24	1292	5.14	9	5	ND	2	95	1	2	2	91	1.42	.083	7	38	1.22	105	.09	2	2.91	.02	.07	1	1
1N 6+00E	1	46	13	178	.2	28	17	671	5.12	11	5	ND	3	40	1	2	2	75	.57	.067	10	36	.91	110	.13	2	4.00	.02	.05	1	2
0N 0+00E	2	53	14	114	.6	22	16	617	4.64	10	5	ND	3	30	1	2	3	77	.28	.090	6	25	.68	101	.11	2	2.62	.01	.06	1	1
0N 0+25E	1	34	13	89	.3	24	14	293	3.76	8	6	ND	3	23	1	2	3	68	.30	.070	7	28	.64	81	.13	2	3.17	.02	.05	1	1
0N 0+50E	1	42	10	89	.3	25	13	293	3.61	7	5	ND	3	17	1	2	2	66	.22	.102	5	28	.60	77	.11	2	2.76	.02	.05	1	1
0N 0+75E	1	20	15	77	.2	18	9	172	3.17	6	6	ND	3	15	1	2	2	52	.19	.087	6	24	.38	71	.10	2	2.79	.01	.05	1	1
0N 1+00E	1	29	12	82	.3	26	10	257	3.48	7	5	ND	3	21	1	2	2	73	.24	.055	7	34	.61	85	.11	2	2.01	.02	.07	1	8
0N 1+25E	1	34	8	67	.1	27	13	302	3.31	4	5	ND	2	20	1	2	2	69	.29	.079	5	37	.62	74	.12	2	2.24	.02	.05	1	1
0N 1+50E	1	46	11	64	.2	31	16	313	3.93	6	5	ND	2	26	1	2	2	86	.37	.042	5	39	.72	59	.14	2	2.42	.02	.05	2	2
0N 1+75E	1	88	13	80	.3	39	17	411	4.24	9	5	ND	2	28	1	2	2	87	.45	.055	6	45	.81	83	.13	5	2.63	.02	.06	1	2
0N 2+00E	1	64	13	96	.3	35	17	607	4.08	9	5	ND	3	29	1	2	3	76	.51	.073	7	39	.72	93	.12	2	3.12	.02	.06	1	1
0N 2+25E	1	92	9	80	.1	36	28	764	5.54	17	5	ND	2	46	1	2	2	115	.88	.073	8	59	1.80	54	.14	2	2.27	.03	.09	1	6
0N 2+50E	1	111	11	84	.1	38	25	630	5.32	16	5	ND	2	48	1	2	2	112	1.03	.054	9	59	1.64	58	.13	6	2.33	.03	.08	1	3
0N 2+75E	1	110	9	74	.1	37	26	750	5.13	10	5	ND	2	51	1	2	2	120	.92	.058	4	62	1.69	62	.14	2	2.28	.04	.07	1	1
0N 3+00E A	1	152	6	66	.1	40	25	645	5.03	7	5	ND	2	51	1	2	2	114	.99	.100	4	57	1.76	49	.13	2	2.24	.04	.07	1	2
0N 3+00E B	1	123	8	82	.2	37	28	741	5.08	12	5	ND	2	47	1	2	2	105	1.00	.115	4	47	1.37	66	.12	2	2.24	.03	.12	1	3
0N 3+25E	1	111	12	113	.2	34	25	983	5.56	12	5	ND	2	45	1	2	2	105	.92	.061	9	46	1.63	113	.11	2	2.50	.03	.07	1	3
0N 3+50E	1	94	11	121	.2	32	23	949	5.26	12	5	ND	1	41	1	2	2	101	.53	.057	6	40	1.38	101	.11	2	3.24	.03	.06	2	1
0N 3+75E	1	43	9	98	.2	27	19	699	4.21	7	5	ND	2	36	1	2	2	87	.46	.061	5	42	1.01	79	.11	2	2.35	.02	.06	1	2
0N 4+00E	1	23	10	67	.1	20	12	361	3.21	6	5	ND	2	33	1	2	2	80	.44	.053	4	48	.68	60	.11	2	1.20	.02	.04	1	1
0N 4+25E	1	39	7	67	.1	32	21	488	4.32	10	5	ND	2	35	1	2	3	98	.51	.087	5	69	1.09	63	.11	2	2.00	.02	.05	1	1
0N 4+50E	1	56	6	66	.1	38	24	537	4.65	10	5	ND	2	42	1	2	3	105	.65	.056	5	83	1.47	52	.12	2	2.03	.03	.06	1	1
0N 4+75E	1	52	10	90	.4	35	21	818	4.45	10	5	ND	2	54	1	2	2	96	.62	.091	5	63	1.16	96	.12	2	2.24	.03	.06	1	1
0N 5+00E	1	110	13	179	.7	28	22	1401	5.01	11	5	ND	1	102	1	2	2	95	1.50	.094	7	33	1.17	118	.08	2	3.15	.02	.07	1	1
0N 5+25E	1	83	10	116	.3	32	24	1222	5.07	11	5	ND	2	54	1	2	2	96	.72	.095	5	41	1.25	127	.09	2	2.81	.02	.07	1	1
0N 5+50E	1	29	12	109	.2	24	15	696	3.60	11	5	ND	2	27	1	2	4	70	.38	.056	5	28	.56	62	.13	2	2.32	.02	.04	1	1
0N 5+75E	1	29	12	153	.1	22	14	684	4.16	11	5	ND	2	56	1	2	2	65	.73	.044	7	25	.74	90	.15	2	3.46	.02	.05	2	2
0N 6+00E	1	29	16	159	.1	18	15	582	4.61	16	5	ND	1	116	1	3	3	77	.84	.041	9	28	1.17	97	.16	2	3.89	.02	.05	4	1
STD C/AU-S	18	63	42	132	7.1	68	31	1021	4.26	43	18	8	39	48	19	20	22	58	.50	.096	40	53	.96	179	.07	33	2.05	.06	.13	12	51

00

B.L. 3+00 E

6+00 E

12+00 N

10+00 N

8+00 N

6+00 N

4+00 N

2+00 N

00

Approx. 14 km to Hwy. 6 then 30 km. to Lumby

PITA 2

PITA 5

PITA 2
2S,5E

Approx. Boundary of Clearcut Logging Area

PITA 2
3S, 5E
PITA 5

19 8 9 5 24 9 8 8 18 9 12 11 8 2 18 12 21 20 21 9 2 10 11 9 13

8 11 8 10 3 12 13 10 11 16 7 11 9 14 12 44 13 12 13 12 18 10 22 14 16

10 4 11 8 10 5 12 12 13 14 14 6 8 9 9 14 9 8 12 22 18 19 2 20 4

6 2 7 10 2 8 5 2 7 2 2 2 4 6 2 9 7 14 2 19 16 28 2 7 2

2 3 2 6 2 3 2 2 2 2 6 3 2 13 9 6 5 20 20 11 17 16 14 11 8

2 2 11 2 2 2 9 14 5 2 5 2 13 12 2 2 2 3 2 9 13 3 5 2 9

2 2 6 6 2 2 2 2 4 4 2 2 2 2 2 2 5 10 4 2 7 8 10 2

2 6 2 4 2 2 2 2 2 2 2 2 10 2 2 2 2 2 2 2 2 2 2 2 2 2

3 2 2 2 2 2 2 2 2 2 2 2 28 16 8 9 2 9 8 2 11 2 13 6 5 2

6 4 3 7 6 8 7 2 6 22 4 18 2 6 2 2 9 2 5 6 4 6 2 2 2

9 9 2 4 4 3 10 7 2 2 2 5 3 2 2 6 8 6 5 8 11 9 6 10 2

4 3 7 7 7 8 8 23 7 7 3 3 5 12 10 9 8 6 4 10 7 8 8 3 7

9 6 8 10 9 10 11 10 11 12 8 9 11

9 9 4 8 2 4 9 6 8 5 7 3 10

10 8 7 6 7 4 6 9 9 17 16 10 7 12 12 12 7 6 10 10 10 11 11 11 11 16

GEOLOGICAL BRANCH
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LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- 22 As in ppm

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PROVINCE OF BRITISH COLUMBIA
H. M. JONES

APPROACH RESOURCES LTD.

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PITA 2 & 5 CLAIMS

SOIL GEOCHEMISTRY - As

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 11
H. M. JONES		

CHONG

00

B.L. 3+00 E

6+00 E

82 108 120 71 81 64 71 78 71 90 65 77 84 74 87 98 89 101 80 46 54 58 76 70 39

69 116 85 72 79 81 90 112 85 80 81 69 55 90 79 95 80 99 78 72 88 73 83 64 72 — 12+00 N

77 84 87 70 114 86 90 75 73 57 54 87 75 75 70 77 70 89 109 140 111 89 103 128 128

90 116 90 90 122 82 77 79 50 97 112 103 118 147 91 94 89 90 93 134 137 154 145 168 148 — 10+00 N

89 77 124 77 68 70 107 35 68 60 52 79 84 117 80 84 90 81 84 102 90 76 113 143 94

75 56 49 89 78 126 75 116 69 68 81 73 63 64 87 68 66 60 56 74 90 68 74 65 76 — 8+00 N

83 87 134 43 57 45 34 113 48 25 26 34 138

61 79 66 63 83 92 78 92 104 63 70 79

98 92 108 61 81 113 97 87 101 77 72 75 69 65 64 58 67 69 58 54 66 80 86 69 64 — 6+00 N

62 64 71 92 98 111 98 99 105 73 90 88 77 85 88 67 93 66 69 43 71 57 69 63 48

70 80 76 83 70 91 116 124 101 126 94 143 89 84 103 88 111 78 71 82 68 76 63 65 54 — 4+00 N

77 112 114 61 87 61 79 71 76 107 88 131 105

93 95 94 111 174 98 104 90 115 106 80 92

98 108 120 97 112 92 85 106 91 93 71 96 76 99 88 92 71 83 83 88 101 107 80 80 90 — 2+00 N

128 113 72 84 91 129 98 103 57 101 99 160 178

150 94 102 96 84 90 62 73 93 66 88 80 82

114 89 89 77 82 67 66 80 96 80 84 74 66

82 113 121 98 67 67 66 90 179 116 109 153 159 — 00

PITA 2

PITA 5

Approx. 14 km to Hwy. 6 then 30 km. to Lumby

PITA 2 25,5E

Approx. Boundary of Clearcut Logging Area

PITA 2 3S, 5E

PITA 5

LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- 114 Zn in ppm

GEOLOGICAL BRANCH
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PITA 2 & 5 CLAIMS

SOIL GEOCHEMISTRY - Zn

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 10
H. M. JONES		

00

B.L. 3+00 E

6+00 E

12+00 N

10+00 N

8+00 N

6+00 N

4+00 N

2+00 N

00

Approx. 14 km to Hwy. 6 then 30 km. to Lumby

PITA 2

PITA 5

PITA 2
2S,5E

Approx. Boundary of Clearcut Logging Area

PITA 2
3S, 5E
PITA 5

LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- 123 Cu in ppm

CONTOURS AT 150 ppm Cu
300 " "

N

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PITA 2 & 5 CLAIMS

SOIL GEOCHEMISTRY - Cu

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 9
H. M. JONES		

CHONG

00

B.L. 3+00 E

6+00 E

12+00 N

10+00 N

8+00 N

6+00 N

4+00 N

2+00 N

00

Approx. 14 km to Hwy. 6 then
30 km. to Lumby

PITA 2

PITA 5

PITA 2
2S,5E

Approx. Boundary of Clearcut Logging Area

PITA 2
3S, 5E
PITA 5

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N

LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- 1.1 Ag in ppm

CONTOUR AT 1.0 ppm Ag

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PITA 2 & 5 CLAIMS

SOIL GEOCHEMISTRY - Ag

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 8
H. M. JONES		

CHONG

00

B.L. 3+00 E

6+00 E

12+00 N

10+00 N

8+00 N

6+00 N

4+00 N

2+00 N

00

Approx. 14 km to Hwy. 6 then
30 km. to Lumby

PITA 2

PITA 5

PITA 2
2S,5E

Approx. Boundary of Clearcut Logging Area

PITA 2
3S, 5E
PITA 5

LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- 5 Au, ppb

CONTOURS AT 15, 30 ppb Au

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PITA 2 & 5 CLAIMS

SOIL GEOCHEMISTRY — Au

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 7
H. M. JONES		

CHONG

00

B.L. 3+00 E

6+00 E

12+00 N

10+00 N

8+00 N

6+00 N

4+00 N

2+00 N

00

Approx. 14 km to Hwy. 6 then 30 km. to Lumby

PITA 2

PITA 5

PITA 2 2S,5E

Approx. Boundary of Clearcut Logging Area

mostly pyroclastics (?)

moderately gentle terrain heavy forest cover, no outcrop

rubble

very steep east-facing slopes

poor outcrops

bx'd, py+ Feox+

Feox+ on frs.

bx'd, hornsfelsic on frs.

PITA 2 3S, 5E PITA 5

py(-)

poor o/c

rubble

3, 1(?)

o/c talus

mostly intrusives (?)

many blown down trees

Area of many blown down trees

very steep east-facing slopes

mostly limestone (?)

py(+) Feox

LEGEND

- Grid station
- Stream
- Claim post
- Good logging road
- Outcrop
- Bedding
- Inferred contact
- 3 — Hornblende diorite
- 2 — Limestone
- 1 — Andesitic tuffs & flows

N

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PITA 2 & 5 CLAIMS

GRID GEOLOGY

HECKMAN-MONASHEE PASS CREEKS AREA
N.T.S. 82L-1W, 2E VERNON M.D., B.C.

0 50 100 150 metres

SCALE 1:2500	OCT. 1988	FIG. 6
H. M. JONES		

CHONG