MAP NO.: 116 B - 01

ASSESSMENT REPORT X

PROSPECTUS

CONFIDENTIAL X

OPEN FILE

DOCUMENT NO: 093027 **3 Volumes**

MINING DISTRICT: Dawson

TYPE OF WORK: Rotary Drilling
Diamond Drilling
Trenching and Sampling
Mapping,

REPORT FILED UNDER: Hemlo Gold Mines Inc, Loki Gold Corporation.

DATE PERFORMED: April - November 1991.

DATE FILED: March 20, 1992.

LOCATION: **LAT.:** 64°03'N

LONG.: 138°15'W

AREA: Dawson Area

VALUE $: 254,175.00

CLAIM NAME & NO.: Lee Claims 1 - 89, Eel Claims 1 - 193, 195 - 312, Ele Claims 1 - 80, Flee Claims 1 - 140.

*** Due to Size of Claim Block Check Ownership Card for most Accurate Record of Claim Numbers.**

WORK DONE BY: Rick Diment, Noranda Exploration Co. Ltd.

WORK DONE FOR: Hemlo Gold Mines Inc, Loki Gold Corporation.

DATE TO GOOD STANDING:

REMARKS: # 116 - B - Brewery Creek Property.
The 1991 exploration program consisted of 18040 m rotary drilling, 1645 m diamond drilling, 502 m metallurgical drilling, 3000 m trenching, 22838 assay samples, line cutting, road bilding, soil sampling and IP surveying. The companies spent in excess of 3 million dollars on the property. Report was written using old reserve figures. Present day figures are about 17 million tonnes of material grading approximately 1.87 g/tonne Au.

VOLUME I
BREWERY CREEK PROJECT

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL & DRILLING REPORT ON THE LEE 1-89, EEL 1-193, 195-312, ELE 1-80 FLEE 1-104 CLAIMS

Dawson Mining District
NTS: 116 B/1
Latitude: 64 03'
Longitude: 138 15'

093027

VOLUME I

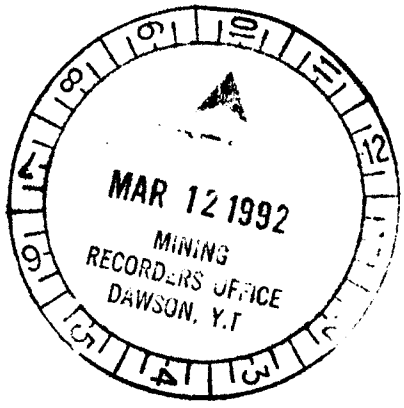
GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL & DRILLING REPORT ON THE LEE 1-89, EEL 1-193, 195-312, ELE 1-80 & FLEE 1-104 DAWSON MINING DISTRICT

N.T.S.: 116 B/1

LATITUDE: 64 03'

LONGITUDE: 138 15'





OWNED BY: Hemlo Gold Mines Inc. 51%
Loki Gold Corporation 49%

OPERATED BY: Noranda Exploration Co. Ltd.
(no personal liability)

R. Diment
Project Geologist

January 1992

093027

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 254,175.00 .

Robert Dickinson

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

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SUMMARY

The 1991 exploration program was successful in delineating additional reserves between zones, as well as east, west and south of known mineralization outlined in 1990. A total geological reserve, as of July 31st. 1991, stands at 11,595,724 tonnes averaging 1.87 g/tonne Au of which 6,535,936 tonnes are classified as minable oxide reserves.

Gold mineralization occurs along a 10km strike length within a post-Cretaceous imbricated thrust. Smaller subvertical shear zones which cross-cut the thrust also host significant reserves.

Mineralization is hosted not only within intrusives but volcanic and sedimentary rocks as well. Alteration styles show that lithology is not important in controlling ore deposition, except when it controls permeability. Rocks that deform in a brittle manner providing open-space are the most favourable hosts.

The property is located within a region of the Yukon that was not affected by Cenozoic glaciation and therefore extensive oxidation is present. The level of oxidation varies from 10 to 100m vertically. Gold mineralization occurs in both oxide and unoxidized material.

Most areas of mineralization are still open. In 1992 work will concentrate on evaluating the global resource potential of the property through soil geochemistry, geophysics,trenching and drilling.

CHAPTER ONE: INTRODUCTION

1-1: INTRODUCTORY STATEMENT

The Brewery Creek project is located 57km due east of Dawson City, Yukon in the foothills of the Olgivie Mountains. The property consists of 733 contiguous quartz claims covering 15,000 hectares.

The property lies within a region of the Yukon that was not affected by Cenozoic glaciation and therefore extensive oxidation is present. Exploration work since the initial staking in 1987, has been focused on evaluating the property's oxide bulk tonnage gold potential.

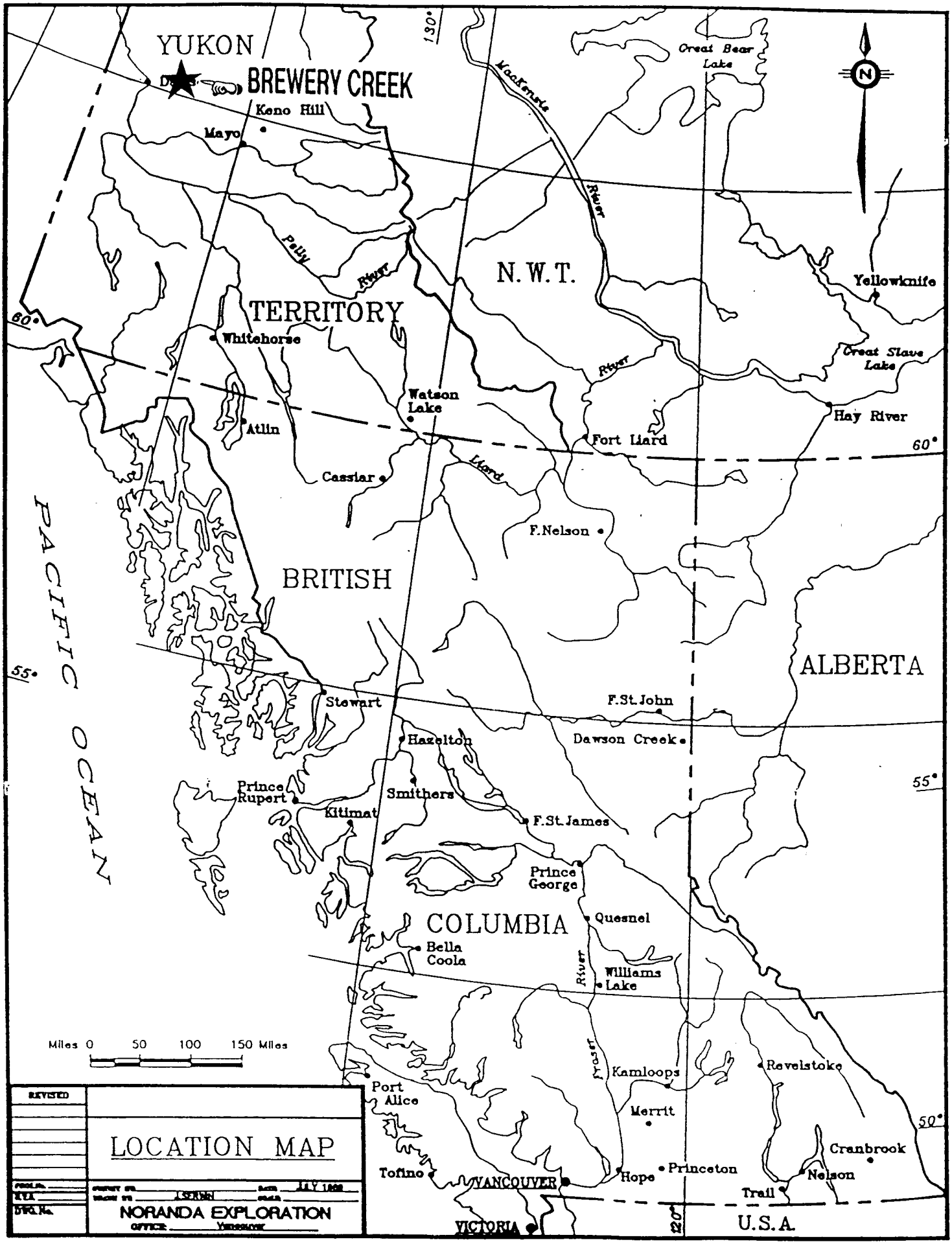
The project is a joint venture with Hemlo Gold Mines Inc. holding 51% and Loki Gold Corporation 49%. Noranda Exploration operates the project on behalf of Hemlo.

This report describes the work completed on the project in 1991.

1-2: LOCATION & ACCESS

The project is located in the Dawson Mining District, 57 km due east of the town of Dawson City, Yukon. (pop. 1,791), (NTS 116 B/1).

Access to the property from Dawson City is via the Klondike Highway east for 45 km towards Whitehorse to the Dempster Corner and 6 km north on the Dempster Highway to the Klondike Ditch. From this junction, 20 km of "Ditch Road" provides access to the southwest edge of the property. The camp, located at the centre of the property, is another 10 km on a 4WD road built by Noranda in 1989.


YUKON
BREWERY CREEK
Keno Hill
Mayo
Great Bear Lake
MacKenzie River
Peel River
N.W.T.
Yellowknife
TERRITORY
Whitehorse
Great Slave Lake
Watson Lake
Hay River
Atlin
Fort Liard
Liard River
Cassiar
F.Nelson
BRITISH
PACIFIC OCEAN
ALBERTA
Stewart
F.St.John
Dawson Creek
Hazelton
Prince Rupert
Smithers
Kitimat
F.St.James
Prince George
COLUMBIA
Quesnel
Bella Coola
Williams Lake
Fraser River
Kamloops
Revelstoke
Port Alice
Merrit
Cranbrook
Tofino
VANCOUVER
Hope
Princeton
Nelson
Trail
VICTORIA
U.S.A.
Miles 0 50 100 150 Miles
LOCATION MAP
REVISED
JULY 1988
NORANDA EXPLORATION

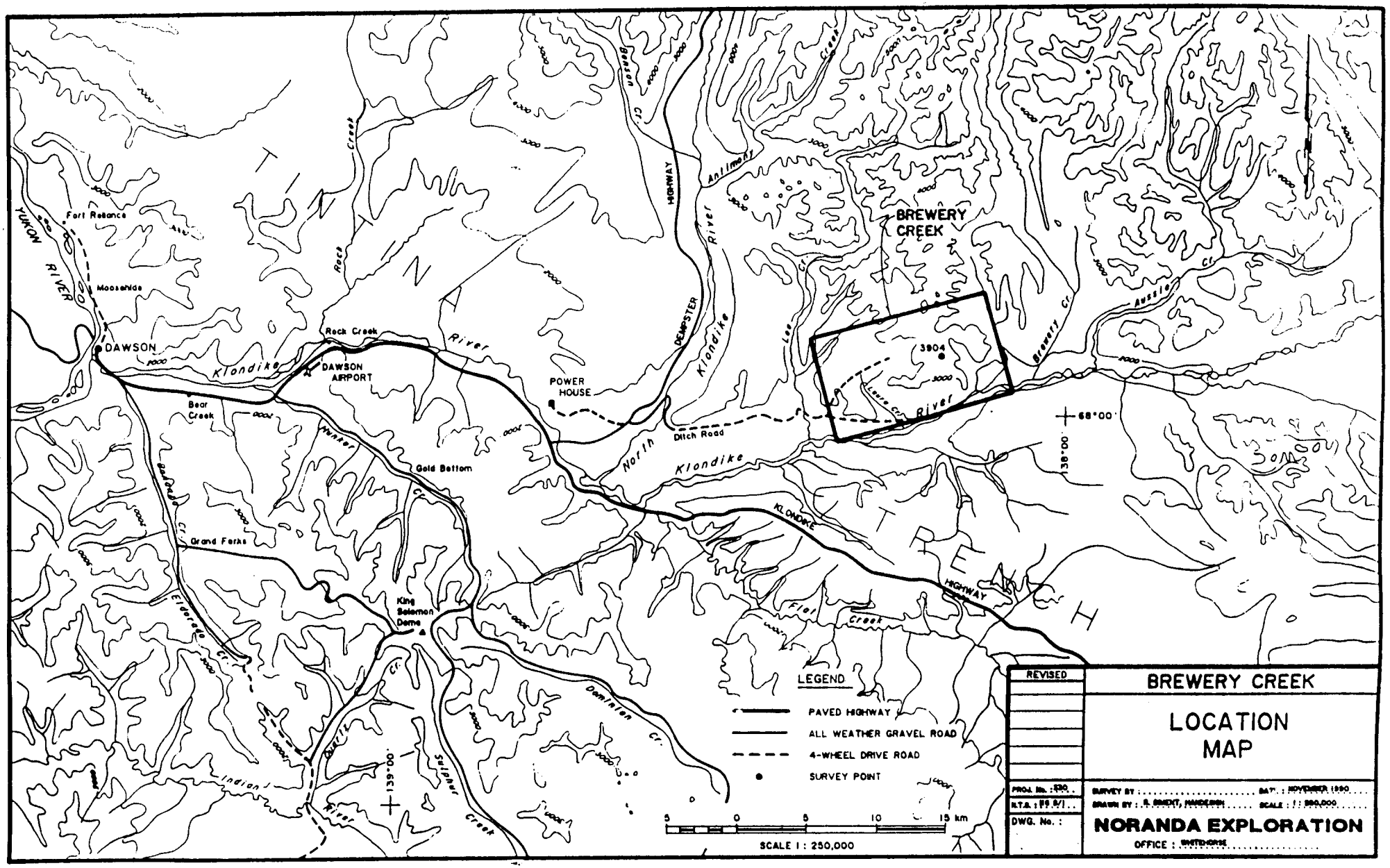
The "Ditch Road" is a single lane all weather 2WD gravel road, built in the 1920's to service a water diversion project. There are two water crossings. The first, across the North Klondike River, has a new bailey bridge built in 1989 which is maintained by the highways department. The second crossing, at Lee Creek, has a small bridge built by Noranda for pick-up truck traffic. This creek has an excellent ford. Water level in the creek averages 0.5 m and has a high water level of approximately 1 m. The "Ditch Road" is too narrow and winding for vehicles longer than 40'.

The 10km company road during break-up is barely passable. However, by mid-June, depending on weather, the road is drivable in 2WD. In the fall of 1991 the road was substantially upgraded, in hopes to make it an all-weather road.

Good gravel sources are very scarce, except for a small kame terrace in the southwest corner of the claim block. Two gravel leases, covering 114 hectares, have been staked in the event a major road construction program is undertaken.

Power to the property, at present, would have to be provided by diesel generation. However, the Yukon Energy Corporation is currently studying two methods of providing hydro-electric power to Dawson City. These projects are a power line from Mayo to Dawson and the redevelopment of the Klondike North-Fork Ditch. Both methods could produce excess power for possible mining purposes at Brewery Creek.

The 75 Kv power line would run along the Klondike Highway from a hydro dam in Mayo to Dawson. A capacity of 2-3 megawatts would


BREWERY CREEK
DAWSON
DAWSON AIRPORT
POWER HOUSE
Fort Reliance
Moosehide
Rock Creek
Bear Creek
Gold Bottom
Grand Forks
King Solomon Dome
Ditch Road
Hunker
Eldorado Cr.
Indian River
Sulphur Creek
Dominion Cr.
Quartz Cr.
Fiol Creek
Lee Cr.
Brewery Cr.
Aussie Cr.
Antimony
Hester Cr.
3904
YUKON RIVER
Klondike River
North Klondike Highway
Dempster Highway
KLONDIKE HIGHWAY
68°00'
138°00'
LEGEND
PAVED HIGHWAY
ALL WEATHER GRAVEL ROAD
4-WHEEL DRIVE ROAD
SURVEY POINT
5 0 5 10 15 km
SCALE 1 : 250,000
REVISED
BREWERY CREEK
LOCATION MAP
PROJ. No. : 530
N.T.S. : 116 B/1
DWG. No. :
SURVEY BY : ..... DATE : NOVEMBER 1990
DRAWN BY : R. ERNST, MANDERSON ..... SCALE : 1 : 250,000
NORANDA EXPLORATION
OFFICE : WHITEHORSE

be available of this line. Access to the power would require a small substation and 15-20 km of transmission line.

The "North-Fork Ditch" near the property was built in the early 1900's to supply hydro-electric power to the dredges in the Klondike River Valley. The "Ditch" operated until 1967 with outputs of up to 10 megawatts. A preliminary study commissioned by Yukon Energy Corporation on redeveloping the North Fork Ditch estimates a 6 million dollar capital cost to provide 2 megawatts for Dawson City. However, an additional user, such as a mine, may make the Government consider enlarging the power capacity of the operation.

1-3: PHYSIOGRAPHY & VEGETATION

The property lies in the extreme southwestern corner of the Ogilvie Mountains and is bounded on the southwest side by the Tintina Trench. This part of the Ogilvie Mts. is characterized by rectangular drainage patterns which have resulted from jointing within steeply dipping sediments.

Elevations, on the property, vary from 540 metres to 1225 metres. The steepest slope is in the northwestern portion of the property and is approximately 30 degrees.

Vegetation on the property is of four main types. Above 1050 m the vegetation is dominated by alpine buckbrush and grasses with widely spaced stunted coniferous trees. On the north and northwest facing slopes the vegetation consists of thick blankets of moss with spaced thickets of slope alder and rare coniferous trees. The

southern facing slopes have two distinct styles of vegetation; coniferous trees with abundant undergrowth, and areas of deciduous aspen with very little or no undergrowth.

All areas with thick (>25.0cm) moss cover were found to have permafrost immediately below the moss. Areas of deciduous Trembling Aspen forest appeared to be well drained and have no permafrost.

1-4: EXPLORATION HISTORY

There is no recorded history of hardrock exploration in the vicinity of the property, although it is likely the drainages have been tested for placer in the past. Laura Creek, which drains the central portion of the property, was staked for placer in 1988; those claims lapsed and were restaked in 1989.

The Antimony Mt. area 27 km to the north of the Brewery Creek project has been the target of a long series of exploration programs. These programs have targeted precious metal bearing arsenopyrite and stibnite veins in metasediments adjacent to a large intrusive body. In 1988 Total Energold staked the Tooth claims over Antimony Mt. and optioned the key existing properties. In 1989 they completed a summer long program which included drill testing. Their results did not warrant a program in 1990.

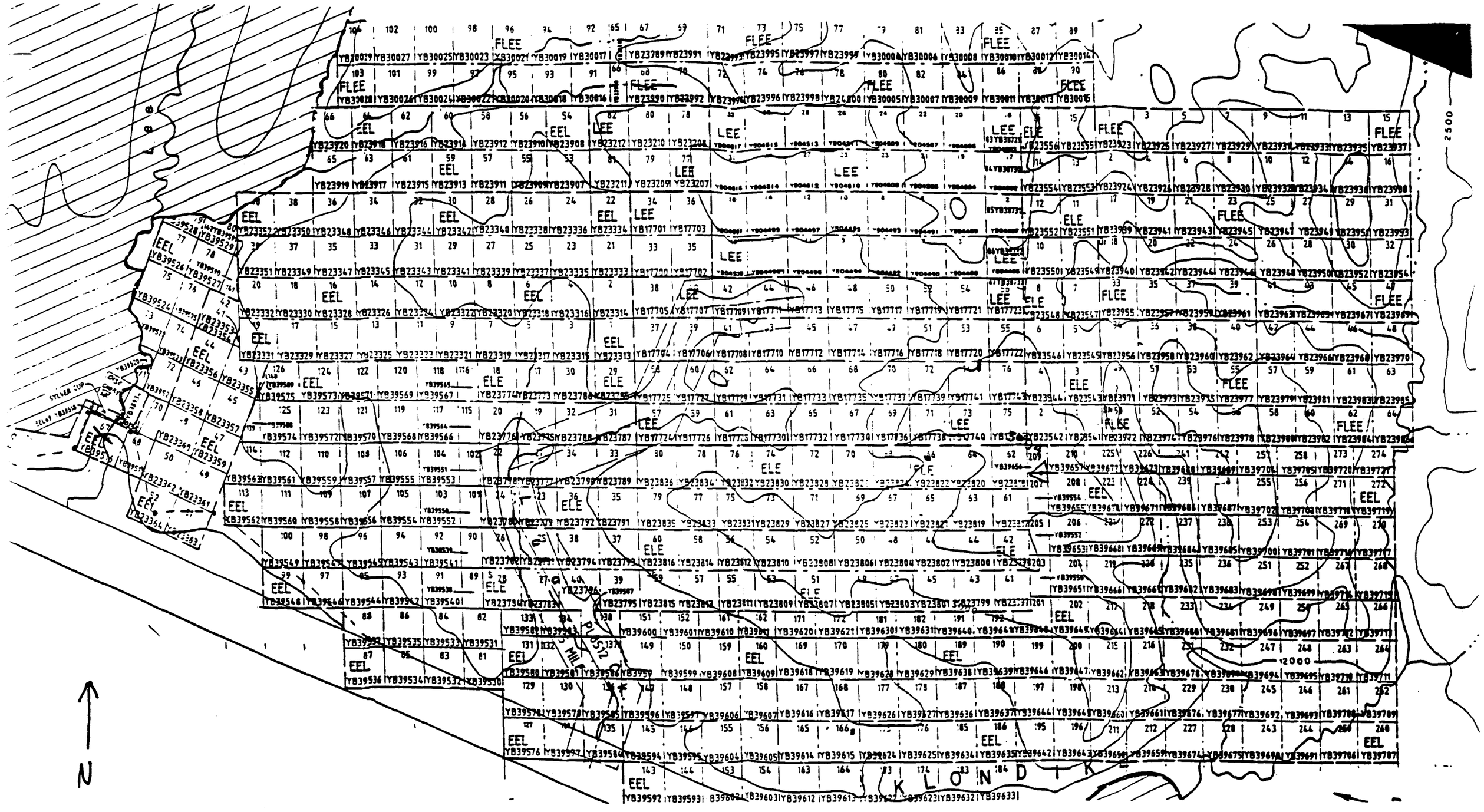
1-5: CLAIM HISTORY

The initial claims were staked in October 1987 to cover a reconnaissance geochemical anomaly. Further claims were staked to cover possible extensions of gold mineralization.

The total number of claims staked is 733 covering 15,000 hectares.

The property consists of the following claims,

CLAIMS	RECORD NOS.
LEE 1-32	YB04486-517
LEE 33-76	YB17700-743
LEE 77-82	YB23207-212
LEE 83-87	YB38729-733
LEE 88-89	YB40324-325
EEL 1-52	YB23313-364
EEL 53-66	YB23907-920
EEL 67-192	YB39516-641
EEL 195-274	YB39642-721
EEL 275-298	YB40246-269
EEL 299-300	YB40321-322
EEL 301-303	YB40283-285
EEL 304,	YB40323
305-307	YB40286-288
EEL 308-312	YB40366-370
EEL 313-332	YB40326-345
EEL 333-352	YB40346-365
EEL 353-372	YB40371-390
EEL 373-458	
EEL 461-464	
EEL 407A-408A	
EEL 415A-416A	
ELE 1-16	YB23541-556



Claim Map

1:50,000

ELE 17-80	YB23773-836	
FLEE 1-104	YB23923-4029	

1-6: WORK PROGRAM

1987

In August 1987 a reconnaissance program targeting Cretaceous intrusives intruding into Road River sediments revealed strong arsenic, antimony, and gold geochemical anomalies. The LEE 1-32 claims were subsequently staked. Total Expenditures for 1987 were $10,000.

1988

In 1988 Noranda conducted a.. exploration program consisting of soil sampling, prospecting, geological mapping and blast trenching. The geochemical anomaly was expanded to over 3km long by 300m wide. Trench values returning values of up to 3.41 g/tonne Au over 14m. Total expenditures for 1988 were $68,000.

1989

The 1989 exploration program identified an area of significant gold mineralization with potential for a large tonnage, low grade oxide mining operation.

1096m of diamond drilling, 1722m of reverse circulation drilling and 6000m of trenching were completed. Mineralization was found to be associated with pervasive and locally intense phyllic and advanced argillic alteration within thrust slices of felsic intrusives. Trenching of geochem anomalies consistently exposed significant mineralization.

1990

In 1990 an extensive program consisting of 14,913m of RC drilling, 1288m of diamond drilling and 6244m of trenching outlined a geological reserve of 10,073,783 metric tonnes averaging 1-8 grams of gold per tonne. 75% of this average was classified as oxide reserves. Mineralization extended over a 6km strike length within a post-Cretaceous thrust structure. Exploration potential along strike was considered excellent. Total field expenditures for 1990 were $2,213,400.

1991

In 1991 an extensive soil sampling, trenching and drilling program was carried out, which focused on delineating mineralization between zones as well as east, west and south of the existing reserve area.

Noranda Personnel on site were:

Richard Diment	Project Geologist	Whitehorse, Yukon
Lena Brommeland	Sr. Site Geologist	Toronto, Ontario
Gordon MacKay	Project Geologist (327 Perimeter)	Whitehorse, Yukon
Karen Pelletier	Site Geologist	Whitehorse, Yukon
Kathy Hoffman	Site Geologist	Vancouver, B.C.
Doug Kelsch	Assistant	Whitehorse, Yukon
Bill Burton	Assistant	Vernon, B.C.
Brad Hudson	Assistant	Vancouver, B.C.
Allen Brown	Assistant	Whitehorse, Yukon
Naomi Headdy	Data Entry Clerk	Atlin, B.C.
Merv Tew	Camp Supervisor	Carmacks, Yukon

Bruce Bark	Camp Manager	Whitehorse, Yukon
Audrey Roger	Camp Cook	Dawson City, Yukon
Dan Haffey	Bull Cook	Dawson City, Yukon

Contractors:

Mid-Night Sun Drilling Whitehorse, Yukon	Reverse Circulation Drilling
E. Caron Diamond Drilling Whitehorse, Yukon	Diamond Drilling
Henry Gulch Placers	Road Construction Trenching Drill Pad Construction
Amerok Geophysics Whitehorse, Yukon	I.P. Surveys
G. Clark and Associates Whitehorse, Yukon	Linecutting
Trans North Air Fireweed Helicopters Dawson City, Yukon	Helicopter Support
Van Every Inc. Dawson City, Yukon	Road Construction
Norecol Environmental Consultants Ltd. Vancouver, B.C.	Baseline Study

Production figures for this program were:

RC Drilling	18040 m	348 holes
Diamond Drilling	1645 m	34 holes
Metallurgical Drilling	502 m	27 holes
Trenching	3000 m	21 trenches
Access Roads	10 km	
RC Samples	8546 samples	
Drill Core	771 samples	
Trenching	780 samples	
Soils	3424 samples	
Linecutting	25.1 km	
IP	600 m	

Total expenditures for 1991 were $3,101,845.

CHAPTER TWO: GEOLOGY

2-1: REGIONAL GECLOGY

The Brewery Creek Property is located within the Selwyn Basin Physiographic Province, along the northeastern boundary of the Tintina Trench. The Tintina Trench forms an approximately 15km wide erosional valley which delineates the Mesozoic to Tertiary aged Tintina Fault, now obscured by extensive glacial deposits covering the Klondike River Valley.

The Tintina Fault is a northwest trending regional scale transcurrent fault which transects the boundary between the Selwyn Basin on the northeast and Yukon-Tanana Terrain rocks on the southwest. Dextral movement along the fault is in the order of 450 km. The fault represents a major continental suture which juxtaposes marginal basin deposits of ancient North America on the northeast and predominantly accreted terrains of various tectonic elements of the Canadian Cordillera on the southwest.

To the northeast of the Tintina Trench, where the property is located, thick sequences (1000s of m) of Cambrian-Ordovician, Road River and Devonian-Mississipian Earn Group sediments are telescoped by east to northeast-trending, northerly transported thrust faulting and associated folding in the early to middle Mesozoic.

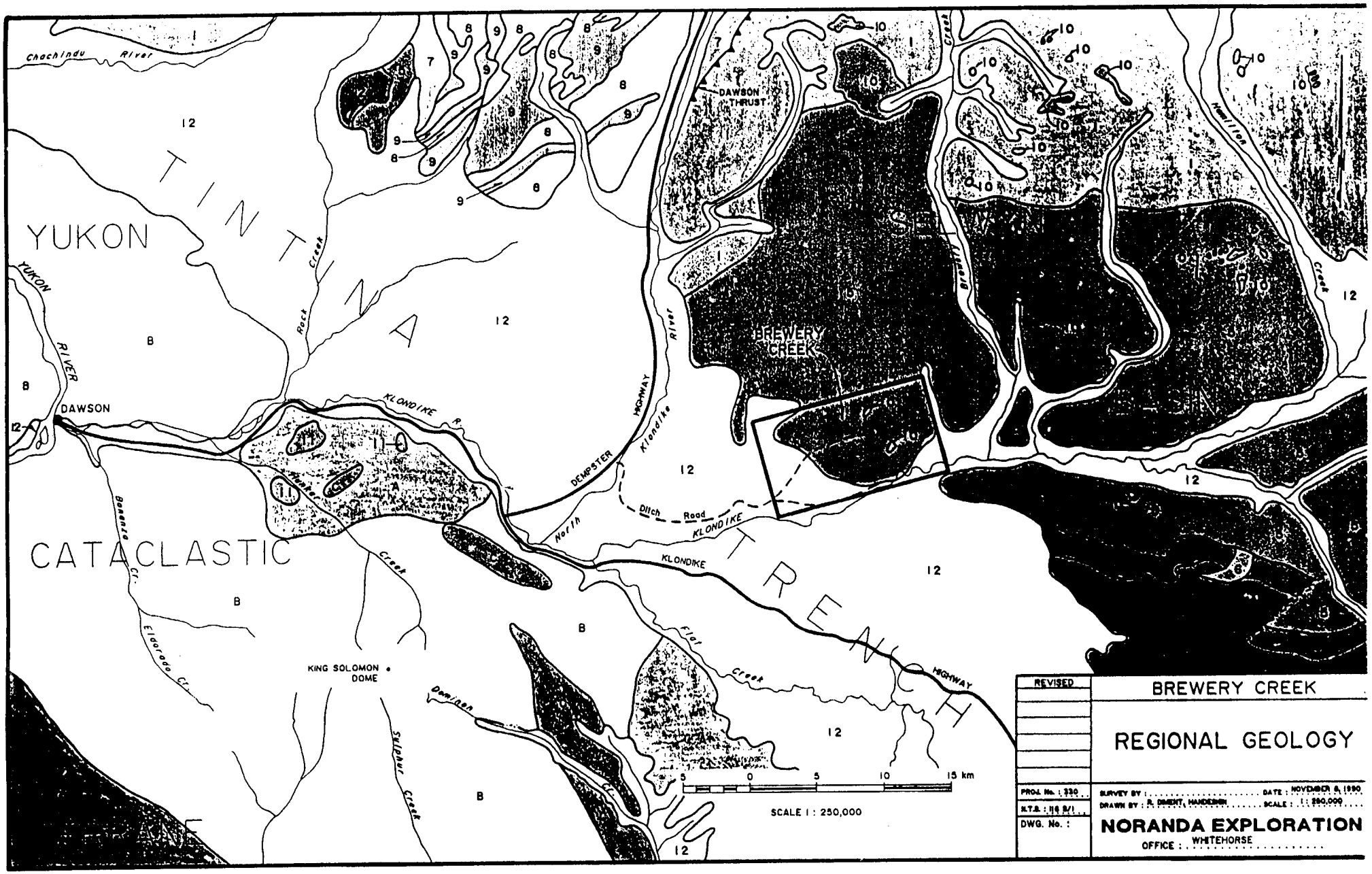
Road River and Earn Group rocks are cut by Cretaceous intrusives forming a northwest-trending linear belt of widely spaced intermediate to siliceous stocks and plutons

which closely parallels the lateral extension of the Tintina Trench. Precious metal occurrences are commonly associated proximal to or within these plutonic bodies.

Although the Brewery Creek Bulk-Tonnage Gold deposit is unlike any deposit previously described in the Yukon, the deposit shows structural similarities to gold vein occurences in adjacent areas such as Antimony Mountain, Mike Lake, Clear Creek and possibly the Bear Property. The salient feature which links each of these deposits is their close association to east-trending shear zones. At Antimony Mountain, Mike Lake and Clear Creek, gold bearing arsenopyrite veins occur both proximal and within these intrusive stocks, along east-trending structures.

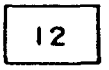
At Brewery Creek, mineralization also appears to be, at least in part, proximal to east-trending shears, in some instances reactivated thrust faults.

All of the rock types for the area, and their apparent interrelationships, are described in detail in the following section of this report.


YUKON
TINTINA
TRENCH
CATACLASTIC
Chechindu River
Rock Creek
YUKON RIVER
DAWSON
KLONDIKE R.
DEMPSTER HIGHWAY
Klondike River
DAWSON THRUST
BREWERY CREEK
Hunker Creek
Bonanza Cr.
Eldorado Cr.
KING SOLOMON DOME
Dominion Cr.
Sulphur Creek
North Fork
Ditch Road
KLONDIKE
Flat Creek
HIGHWAY
Hamilton Creek
5 0 5 10 15 km
SCALE 1 : 250,000
REVISED
BREWERY CREEK
REGIONAL GEOLOGY
PROJ. No. : 330
N.T.S. : 116 B/1
DWG. No. :
SURVEY BY : ..... DATE : NOVEMBER 8, 1990
DRAWN BY : R. DIMENT, HANDERSON ..... SCALE : 1 : 250,000
NORANDA EXPLORATION
OFFICE : WHITEHORSE

LEGEND

QUATERNARY



Unconsolidated glacial and alluvial deposits

TERTIARY



Dark grey and brown andesite and basalt

CRETACEOUS



Porphyritic hornblende/biotite syenite

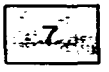


Diorite and gabbro

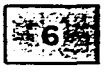


Keno Hill Quartzite : massive grey and blue grey

JURASSIC



Lower schist, dark grey argillite, slate, phyllite and quartzite



Granite, granodiorite, quartz monzonite

ORDOVICIAN TO SILURIAN



Road River Formation : interbedded black chert, argillite and chert pebble conglomerate



Grey limestone and dolomite

CAMBRIAN



Grey to brown limestone

PRECAMBRIAN



Dark brown to green volcanic rocks

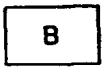


Buff brown gritty quartzite, sandstone quartz pebble conglomerate. Minor phyllites, slates, chert and limestone

METAMORPHIC ROCKS SOUTHWEST OF TINTINA TRENCH



Reddish brown weathering, dark green serpentinized ultrabasic rocks



Klondike Schist : green quartz muscovite - chlorite schist



Nasina Series : grey micaceous quartzite, quartz-mica schist and biotite gneiss

Thrust fault

Fault

Highway

4-wheel drive road

2-2: PROPERTY GEOLOGY

2-2-1: Introduction

The Brewery Creek Property includes an area of approximately 40km2. Prior to the extensive trenching on the property, there was less than 5% outcrop in the area as it underlies extensive felsemer and vegetation cover. The geology maps, are cumulatively based on extensive drill hole fence cross-sections and surface outcrops created through bulldozer trenching and road building on the property.

The supracrustal rocks of the Brewery Creek Property are composed predominantly of sedimentary and volcanic rocks of the Earn Group (Permian-Mississippian) and, locally, sedimentary rocks of the underlying Road River Group (Cambrian-Ordovian). Within many parts of the map area, however, oxidized monzonite to quartz monzonite are the most abundant rock types. The intrusive rocks are typically interleaved with thin horizons of graphitic shale from the middle part of the Earn Group along thrust surfaces.

Prior to trenching, Earn Group rocks have not been described within the area in government regional geological mapping surveys (see Green, 1972). Earn Group stratigraphy is recognized mainly through the occurrence of bedded barite horizons and volcanic rocks, which occur locally throughout much of the map area.

Lithologic descriptions of each of the rock units which occurs on the Geology Map of the property are described in the following.

2-2-2: Stratigraphy

Road River Group

The oldest sedimentary rocks are designated to the Road River Group of Cambrian-Ordovician age. Its occurrence is restricted to the northcentral part of the map area, on the road to the Lucky Zone and in north Golden Zone trenches G-7 and G-11 . Upper Road River Group is not exposed in the western part of the map area, where exposures of volcanic rocks indicate that the lowermost exposed section in this area is within the Earn Group.

Road River Group rock types include clastic to limy shale and argillite (Unit 1) intercalated with massive grey to black chert horizons (Unit 2). In the Golden Zone trenches, argillite is absent and the bedded chert horizons include thick bedded layers of intraformational breccia composed of angular black chert fragments in a grey chert matrix. The top of the Road River Formation is placed at the top of the massive chert horizon.

In the north Golden Zone, the massive chert unit is apparently overlain by bedded tuffs and pyroclastic tuffs of the Earn Group. The contact between the two Groups is not exposed and their stratigraphic relationship, therefore, remains uncertain.

Earn Group

In the Brewery Creek property area, the stratigraphic section is dominated by sedimentary and volcanic rocks of the Earn Group of Devonian to Mississippian age.

The Earn Group is divided into an eastern and western facies. In general, the western facies (Pacific, Blue and Moosehead Zones) is composed predominantly of turbidite facies clastic sediments. The eastern facies includes intercalated barite and shale in the central part of the map area (north Kokanee Zone) and predominantly volcanic tuffs in the eastern most part of the map area (Kokanee, north Golden and Schooner Zones). The barite and volcanic rocks in the central part of the map area, within the Moosehead, Canadian, Foster, Kokanee, Golden, Lucky and Bohemian Zones is thought to grade upsection into intercalated cherty and graphitic shales which occur between fault slices of intrusive rocks.

On the west, within the Pacific and Blue Zones, the stratigraphic section is composed predominantly of intercalated sequences of fissile argillite (Unit 1) and interbedded shale and fine- to medium-grained greywacke (Unit 7). Coarse-grained quartz pebble conglomerate (Unit 6) occurs locally within the section in the Pacific and Blue Zones.

Volcanic rocks are rare within the western facies. Amygdaloidal basalt occurs in the northern most extension of the Moosehead Zone (Trenches M-1 and M-12), and phyllically

altered, fine-grained volcanic tuffs occur within the Blue Zone and within the northern most Pacific Zone trenches.

In the central part of the property map area, the Earn Group is composed mainly of intercalated argillite, barite and bedded tuffs. Bedded barite sections, up to 10m thick, occur within the northern Kokanee Zone and extends northward for at least 0.5km to Barite Hill. Overlying the barite are calcite replaced bedded volcanic tuffs, which occur in the two eastern most trenches of the Kokanee Zone (K-11 and K-13).

In the eastern part of the property, in the Schooner Zone, the statigraphic section is completely dominated by finely bedded volcanic tuffs of intermediate to silicic composition. Where they outcrop near intrusive bodies, the volcanics are mainly hornfels facies.

Intrusive Rocks

Within the Earn Group sedimentary rocks are interleaved with thrust slices of biotite rich quartz monzonite (Unit 8) in most areas of the property and intruded by a hornblende diorite pluton (Unit 9) in the Classic Zone.

Most of the contacts between the monzonite and clastic rocks are structural and therefore the primary nature of the intrusive is unknown. Age dating of zircon by the G.S.C. Geochronology Department in Ottawa returned an age of 91.4 MY $\pm$ .2 for the quartz monzonite. This is approximately the

same age as the large cretaceous plutons to the north (ie. Tombstone Range and Antimony Mountain).

The hornblende diorite (age unknown) is thought to represent a regional magnetic anomaly trending 066 degrees, extending from the Classic Zone to the Schooner and Bohemian Zones. The magnetic expression weakens to the east, implying that the intrusive is buried beneath Earn Group sediments.

Below is a point form description of the textures exhibited in the intrusives.

BIOTITE RICH QUARTZ MONZONITE PORPHYRY

- fine grained light grey matrix, common quartz eyes up to 3-4mm; locally comprising 3-5%
- rare potassium feldspar megacrysts up to 2cm
- 10-15% biotite, generally remnant or totally altered to sericite or sulphide
- intrusive is commonly oxidized at surface, sulphides very rare, altered to limonite
- locally near surface intrusive is decomposed exhibiting sand like friable texture with up to 15% black biotite

HORNBLENDE DIORITE

- coarse grained, equigranualar feldspars, quartz is very rare
- 10-15% hornblende phenocyrsts, up to 1cm, commonly chloritized

- near surface the intrusive is intensely oxidized and decomposed exhibiting sand like friable texture, sulphides are very rare, altered to limonite

2-2-3: Structural Geology

The geology of the Brewery Creek property is structurally complicated due to several episodes of faulting after regional folding during the early Mezosoic. The dominant structures include east trending thrust faults, transcurrent 040 striking shears and north-northwest trending younger brittle faults.

THRUST

The graphitic shale (argillite) horizon within the Earn Group has been the focus of east trending thrust faults. Trench and cross-sectional data consistently show shallow south-dipping, sheared contacts between interlayered units of pervasively altered quartz monzonite and strongly tectonized graphitic argillite. The thrust, to date, extends 10km between the Pacific and Bohemian Zones, ranging in strike from 080 to 120 degrees and dipping between 10 and 60 degrees southwest. Locally, thrust surfaces undulate, exhibiting gentle dips (10-20 degrees) to the north (ie. Canadian Zone bulk trench). The exact age of thrusting is unknown, but it is thought to have post dated the quartz monzonite which is dated at 91 million years (Cretaceous).

SHEAR ZONES

Several 040 trending shear zones cross-cut the thrust in the Moosehead, Blue, Golden and Lucky Zones. These structures have a strike length of up to 2km and dip between 45 and 90 degrees southeast. Fault contacts are not defined by lithological boundaries like the thrust, but by intense brecciation and slickensides along sheared intrusive surfaces.

N-S FAULTS

The latest stage of deformation on the property consists of 140 to 180 degree trending brittle faults. Little work has been done on these structures and therefore remain primarily interpretive. Limited drilling along one of these faults between the Canadian and Fosters Zones suggest that they are unhealed left-lateral strike-slip faults that have offset the older thrust and associated mineralization.

CHAPTER THREE: GEOCHEMISTRY

3-1: SOIL GEOCHEMISTRY

3-1-1: Introduction

The intrusive hosted epithermal system at Brewery Creek is anomalous in gold, arsenic, antimony and mercury. Zinc and lead anomalies are characteristic of the surrounding Road River sediments. Silver is weak and erratic, associated with zinc and lead in the sediments and gold in the intrusive.

Gold

Gold soil geochemistry defines two major trends.

1) A 10km long, 2km wide anomaly trending 090 degrees representing the Pacific, Blue, Canadian, Fosters, Kokanee, Golden, Lucky, Bohemian and Schooner Zones. This anomaly subparallels the regional thrust fault which is believed to have created a plumbing system for the mineralizing fluids.

2) Several smaller (1km X 200m wide) anomalies trending 040 degrees are evident in the Moosehead, Blue and Golden Zones. These trends parallel sub-vertical shear zones which cross-cut the thrust.

Arsenic

There is a strong correlation between arsenic and gold. Arsenic values are generally 1000 times greater than gold (1000ppm As = 1000ppb Au). Arsenic is slightly more disperse but still reinforces the two major gold trends.

Mercury

Mercury is the most dispersed element. However, it is the best element for defining the major structural controls to mineralization (090-040 degree trends). These anomalies are narrow, discrete linear trends which stand-out from the more

disperse regional anomaly.

Antimony

Antimony also correlates very well with gold, but is restricted to the major 10km, 090 degree gold trend. Antimony may represent a later mineraling event which was confined to particular areas along the thrust. This is evident in the Golden Zone where silicified shear zones, striking 040 degrees, may have sealed structural conduits preventing antimony from travelling further up-dip (northward) along the thrust.

3-1-2: Discussion

The property lies within an unglaciated region of the Yukon, where a well developed B soil horizon has been preserved. Soil profiles range in thickness from 40cm on ridge tops to over 115cm on slopes. The well-developed soil horizon, coupled with less than 1% outcrop on the property, have made soil sampling a very valuable tool in delineating mineralization. However, interpretation of soil geochemistry must account for shifting and masking of anomalies caused by downslope movement, loess deposits and permafrost.

Downslope movement is very common on steep slopes. An example of this occurs in the Kokanee Zone where at the sediment-intrusive contact argillite has moved downslope forming a "C" horizon over the intrusive bedrock. This movement produces a downslope shift in geochemical anomalies, but more importantly masks the geochemical signature of the mineralized intrusive.

Loess deposits, consisting of fine grained wind blown silt, are commonly found overlying soil profiles. It is apparent from trenching results that geochemical anomalies are quite easily masked in depressed areas and on gentle slopes where loess deposits

may exceed a metre in thickness.

Soil sampling is hampered by permafrost on north-facing, east facing and in narrow gullies. Although anomalies on these slopes are erratic and weak, they should not be overlooked since permafrost maybe masking bedrock geochemistry.

3-1-3: Soil Sampling Program

In 1991, the soil grid was expanded south 3km (18000N-15000N) west 1.8km (14800E-13000E) and east 2.2km (23600E-25800E). A new isolated arsenic, gold anomaly was discovered centred at 16700N, 18800E (Classic Zone). Trenching and drilling have intersected an oxidized weakly mineralized (500ppb Au) hornblende diorite. To the east gold, arsenic and antimony geochemistry trends at 090 degrees. This area, (Schooner Zone) is primarily underlain by a thick sequence of heavily fractured fine grained ash tuffs.

A total of 3424 soil samples were taken in 1991. These samples were sent to Acme Analytical in Vancouver for 30 element I.C.P., analysis plus atomic absorption for Hg. Noranda's lab in Vancouver analysed for Au using atomic absorption. All assay results are listed in Volume I.

Kokanee Zone

The silicified zone of the intrusive correlates with apparent resistivities in excess of 1,000 ohm-m and chargeabilities greater than 5mV/V. Background chargeabilities appear to be 2 or 3 m V/V in general. On the north side of the pseudo-section (1+95N open to the north) either a sharp contact or resistive "dyke-like" feature has been outlined. Apparent resistivities are as high as 2,000 ohm-m and chargeabilities, while weak, are roughly the same as those observed in the silicified zone outlined between 62.5N and 100.0N. To the north of the graphitic argillite unit (125.0N) apparent resistivities increase again with only a very slight increase in chargeabilities. A less mineralized intrusive may be mapped out here.

Canadian Zone

Both apparent resistivities and chargeabilities increase on the south end of the pseudo-section. Between 50.0N and 125.0N chargeabilities are roughly double those observed north of 125.0N. A more conclusive interpretation cannot be drawn form this test line.

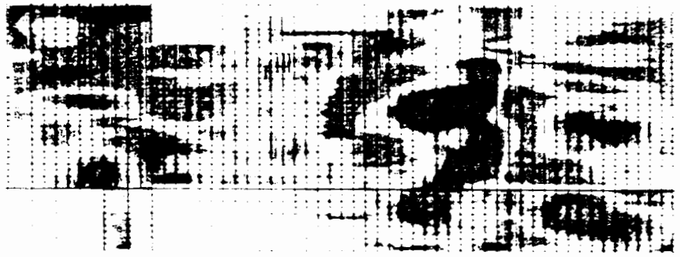
Between the silicified zone and the feature just described (1+00N to 1+95N) the assorted units of graphitic argillite, non-silicified intrusive, argillite and bornite are mapped as a zone of low apparent resistivities (<500 ohm-m) and low chargeabilities (<4 mV/V). These units cannot be distinguished from each other.

Golden Zone

This I.P./Resistivity collected over this trench shows very good correlation with the Kokanee Zone observations. A distinct apparent resistivity increase (>1000 ohm-m) with coincident chargeabilities >6 mV/V corresponds with the silicified intrusive.

Moosehead Zone

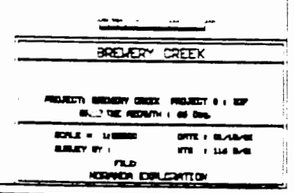
The graphitic argillite is roughly mapped as a zone of low apparent resistivities lying between 87.5N and 112.5N. North of 145.0N apparent resistivities > 750 ohm-m and chargeabilities > 7 mV/V approximate the volcanic unit. Any other attempts to correlate the geophysics with the geology would be tenuous.

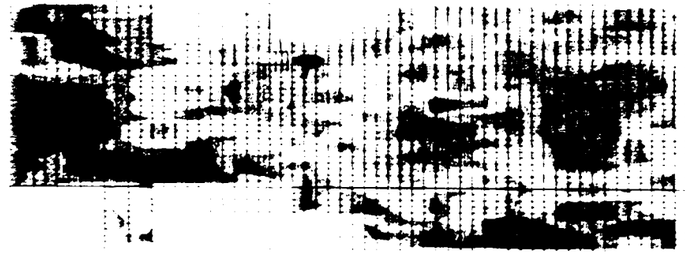


BREWERY CREEK

Chargeability

SCALE 1:50.000

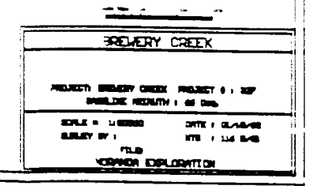




BREWERY CREEK

Apparent Resistivity

SCALE 1:50.000

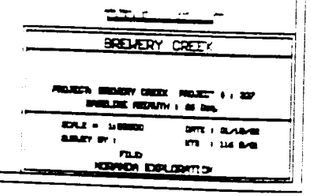




BREWERY CREEK

Total Field Magnetics

SCALE 1:50.000



CHAPTER FIVE: TRENCHING

5-1: INTRODUCTION

In 1991, a total of 21 trenches comprising 3071m, were excavated on the property. The average trench length was 150m, with an average depth of 1.5m. The purpose of the trenching program was to test soil anomalies and to map geological units and structures which control mineralization.

Trenches were stripped by a D7-E cat and excavated using a Cat 225 excavator. All trenches were orientated grid N-S, (154 degrees) perpendicular to the average strike of the soil anomaly, and sampled in 3m continuous intervals along the base of the trench wall.

All samples were prepared by Northern Analytical Laboratories in Whitehorse and then sent to Acme Analytical in Vancouver for 30 element I.C.P. analysis plus atomic absorption for gold and mercury.

Complete trench logs and assay results can be found in Volume III and II respectively.

5-2: PROBLEMS

Trenching was severely hampered in permafrost areas, such as the Bohemian Zone. The Cat 225 excavator was unable to perform cost effectively averaging only 2m/per hr. compared to 30m/per hour in thawed ground. It is recommended that other means of defining drill targets such as geophysics be implemented in permafrost areas.

CHAPTER SIX: REVERSE CIRCULATION DRILLING

6-1: INTRODUCTION

In 1991, a total of 348 reverse circulation holes, comprising 18,040m were drilled on the property. The purpose of the drill program was to delineate the depth extension of mineralization exposed in trenching between zones as well as south, east and west of the known reserve area outlined in 1990. Below is a brief discussion on the drilling strategy, equipment used, sampling procedures and problems encountered with the program.

6-2: STRATEGY

The epithermal style and shallow, gently dipping nature of mineralization demanded that the following drilling strategy be adopted.

1) Vertical holes were drilled averaging 50m in length. Where vertical controls to mineralization were evident 45 degree holes were drilled.
2) All drilling was done on section grid N-S (156 degrees). These orientations were chosen to keep sections perpendicular to the general strike of mineralization.
3) Fences were drilled wherever possible on trenches to maximize continuity between mineralization on surface and at depth.
4) Fence separation was 50m with holes along section spaced 25m apart. Fence spacing was reduced to 25m where mineralization became very discontinuous and structurally complex (e.g. Fosters Zone).

6-3: EQUIPMENT

Drilling equipment consisted of a T66H Schramm air rotary mounted on a TF360 Nodwell tracked carrier. The all terrain

Nodwell, proved to be very efficient in traversing very steep and boggy ground , significantly reducing the time needed to build access roads. Although Nodwells are commonly maintenance intensive, very little down-time was experienced, reflecting the proficiency of the contractor.

6-4: SAMPLING & ASSAYING PROCEDURES

All reverse circulation holes were drilled dry whenever possible, to limit contamination caused by water. However, water was commonly intersected at depths below 50m and as shallow as 16m. Water also had to be injected into holes where the bedrock was unconsolidated or moist enough to cause blockage within drill rods and hoses. Samples were collected at 2m intervals off a cyclone. A Jones Splitter was used to divide each interval into a 50% split which was kept on site for future use and a 12.5% split which was used for logging and assaying.

Sample preparation was done by Northern Analytical Laboratories in Whitehorse.Analysis was done by Acme Analytical Laboratories in Vancouver. All samples (8,546) were analysed for 30 elements by ICP and for Au by atomic absorption. Drill logs and results are listed in Volume III and II respectively. A summary of collar co-ordinates and significant results can be found in Appendix I.

6-5: PROBLEMS

The drilling program was generally problem free. An average 12 hour shift included 3 holes totalling 150m. However, due to the highly fractured incompetent bedrock and the intensity of drilling (24 hours/per day) the following problems were experienced.

1) Poor recoveries were generally experienced in the first 6 metres of each hole.

2) Caving caused holes to be abandoned and drill rods to become stuck 54m of drill rod in BCRC 91-516 had to be pulled out using the hydraulics from a D-9H ripper assembly.

3) Although RC drills are three times more cost effective than diamond drills, they are maintenance intensive. Operating these drills 24 hours/day over extended periods of time (3 months) caused more frequent breakdowns and lost production than in 1990. If RC drills are required to operate 24 hours/day regular shut-down periods (up to 12 hours) are needed to prevent extended and costly breakdowns.

CHAPTER SEVEN: DIAMOND DRILLING

7-1: INTRODUCTION

The 1991 Diamond Drill program at Brewery Creek consisted of 34 drill holes totalling 1644.9 m of HQ core. The main objective of the drill program was to twin Reverse Circulation holes in order to compare geological and assay information between the two types of drilling.

7-2: STRATEGIES

Diamond holes were drilled an average of 2.28 m away from the original Reverse Circulation drill collars. The selection of Reverse Circulation holes to be twinned was based upon the following:

- areas of suspect mineralization (ie. possible contamination by downhole washing)
- areas of geological confusion that could be clarified by drill core

In general fences of holes were drilled. This methodology enabled a comparison, of geology and mineralization, between the two types of drilling to take place for each zone. Knowledge of structures controlling mineralization was also obtained from the Diamond Drilling.

7-3: EQUIPMENT

A Longyear, Super 38 Drill was contracted from Caron Diamond Drilling of Whitehorse to perform the 1991 Diamond Drill program. 1991 updates to the drill program included a Split Core Tube and a mud expert form Baratex Ltd. in Calgary.

7-4: SAMPLING & ASSAY PROCEDURES

The use of the "mud man" and Split Core Tube increased the property's average diamond drill recovery (1991 - 76% over

mineralized intervals) by approximately 10% when compared to the previous diamond drill recoveries (1990 - 66% over mineralized intervals) on the property. All recovered core was logged, processed and sent for analysis.

Processing of the core involved splitting it with a core splitter and then sampling the split. The sample size involved a 2m length of core which corresponded to a Reverse Circulation sample over the same interval.

Samples were shipped to Northern Analytical Laboratories, in Whitehorse, for preparation and then the pulps were sent to Acme Analytical Laboratories, in Vancouver, for analysis. All of the samples were analysed for 30 element ICP and for gold and mercury by Atomic Absorption. A complete listing of Drill Logs and Results can be found in Volumes III and II respectively.

CHAPTER EIGHT: MINERALIZATION

Epithermal gold mineralization occurs within intrusive, volcanic, and sedimentary rocks ranging in age from Devonian to Cretaceous. These units are cut by two Post Cretaceous structures which have created a plumbing system for ascending hydrothermal solutions. A discussion of the alteration styles, structural controls and geological model follows.

8-1: ALTERATION

Host rocks include porphyritic quartz monzonite (Unit 8), hornblende diorite (Unit 9), well sorted greywackes (Unit 7) and fine grained ash tuffs (Unit 3). Although a wide variety of lithologies exists, mineralization and alteration styles reflect the brittle manner in which these rocks deformed to heat and stress caused by hydrothermal systems.

8-1-1: Quartz Monzonite/Hornblende Diorite

Mineralization (averaging 2 g/tonne Au) is associated with pervasive phyllic and locally intense argillic alteration. This assemblage is characterized by alteration of mafic phenocrysts to pyrite, stockwork silicification, alteration of feldspars to sericite and kaolinite and general destruction of igneous textures. Stockwork consists of white to dull grey quartz veins up to 3cm thick. Extensive silicification also occurs as quartz breccias adjacent to fault gouge ranging between 1-6m wide. These zones contain the highest grade mineralization on the property. (i.e. 16g Au/6m; K-6 bulk trench). A weak propylitic zone is commonly found peripheral to the mineralization, defined by weak chloritization of mafic phenocrysts and strong carbonatization.

Stibnite veins 1-20cm thick are very common within mineralized zones, but contain very little gold. Silicified intrusive clasts

within these veins imply that stibnite may represent a later hydrothermal event which migrated along the same structures as gold. Oxidation is extensive, extending from surface to a maximum depth of 100m.

85% of known mineralization is hosted within the quartz monzonite.

Mineralization in the hornblende diorite is restricted to the Classic Zone. The three holes that were drilled intersected intensely oxidized intrusive averaging 500ppb over their entire length (50m). To date, this area has the best potential for increasing oxide reserves.

8-1-2: Greywacke

The dominant alteration style is silicification characterized by very fine hairline quartz stockwork within a well sorted siliceous matrix. Original sedimentary textures have been preserved making it very difficult to distinguish it from the protolith. Very fine grained arsenopyrite (up to 10%) and to a lesser extent pyrite are found disseminated throughout. Stibnite occurs as veins and pods up to 1cm wide. Oxidation is limited from surface to a depth of 10m. Realgar, orpiment, limonite and kermisite are common oxide minerals.

Mineralization averages 2.5 g/ tonne Au and is confined to the Blue and Pacific Zones.

8-1-3: Ash Tuff

Mineralization is associated with highly fractured and stockworked ash tuffs. Stockwork consists of chalcedonic veinlets up to 1cm thick. Argillic alteration is moderate to strong characterized by the presence of kaolinite and a general bleached leucocratic colour. · Pyrite occurs along fracture surfaces and

stibnite within discontinuous pods and veins up to 2cm thick.

Oxidation is weak to moderate. 1-2% limonite occurs from surface to a depth of 30m.

Mineralization is confined to the Schooner Zone. Late drilling in the fall, returned values of 1.2 g/tonne Au over 50m.

8-1-4: Occurrence of Gold

Ion probe work on selected samples of mineralized samples were conducted at the University of Western Ontario in 1990. Results show that gold primarily occurs in solid solution with pyrite and arsenopyrite as growth bands around larger sulphide grains. Since these rims are arsenic rich, they are unstable, causing them to readily breakdown or oxidize.

8-2: STRUCTURE

Two structural trends, namely a imbricate thrust and subvertical shear zones are the main controls to gold mineralization.

8-2-1: Thrust

The dominant mineralized structure is a post-Cretaceous imbricated thrust which strikes between 085 and 120 degrees. To date significant mineralization has been delineated along a 10km strike length between the Pacific and Bohemian Zones and remains open in both directions. Repetitive argillite/intrusive contacts, characterizing the imbricate nature of the thrust, dip gently between 10 and 15 degrees at depth and steepen to 60 degrees near surface. Mineralization and associated alteration increases toward these contacts and up-dip. Higher grade gold mineralization near surface can be attributed to the steepening of the thrust causing greater imbrication. Furthermore, the footwall argillite may have acted as a physical and chemical trap, concentrating

ascending gold bearing solutions.

8-2-2: Shear Zones

Mineralized sub-vertical shear zones striking 040 degrees are evident in the Moosehead, Blue, Golden and Lucky Zones. These structures are between 5 and 20m wide and dip between 90 and 45 degrees southeast. Higher grade mineralization occurs at the intersections between these shears and the thrust. One such intersection in the Blue Zone returned 7.5 g/tonne Au over 28m (BCDDH 91-461).

8-2-3: Conclusions

Overall, the Brewery Creek gold deposit can be described as an elongated tabular body confined by the orientation of the thrust. Within the thrust structure high angle controls to mineralization are common where 040 degree trending shears cross cut it. These physical constraints to mineralization suggest that the thrust is the main hydrothermal conduit. Gold, in solution, travels along the thrust and is deposited in areas providing the most open space (ie.brittle deformation /intersection of faults).

CHAPTER NINE: CONCLUSIONS & RECOMMENDATIONS

The 1991 exploration program was successful in delineating additional reserves between zones as well as east, west and south of known mineralization outlined in 1990. A total geological reserve, as of July 31st 1991, stands at 11,595,724 tonnes averaging 1.87 g/tonne Au. 6,535,936 tonnes are classified as mineable oxide reserves.

Gold mineralization occurs along a 10km strike length, within a post-Cretaceous imbricated thrust. Smaller subvertical shear zones which cross-cut the thrust also host significant reserves.

Mineralization is hosted not only within intrusives but volcanic and sedimentary rocks as well. Alteration styles show that lithology is not important in controlling ore deposition, except when it controls permeability. Rocks that deform in a brittle manner, creating open-space, are the most favourable hosts. Oxidation is extensive varying between a 10 and 100m vertical depth. Gold mineralization occurs in both oxide and unoxidized material.

Most areas of mineralization are still open. To date the newly discovered Classic Zone has the best potential for increasing minable oxide reserves.

34 HQ holes were twinned with mineralized RVC holes. Comparison of assay results from diamond drilling and 55 RC drilling should await the bulk sample results.

Field expenditures for 1991 were $3,101,845.

In 1992 work will concentrate on evaluating the global resource potential of the area through soil geochemistry, geophysics, trenching and drilling.

The following are specific recommendations for the 1992 program.

1) Reconnaissance soil lines (400m spacing) should be extended north of the Moosehead Zone. Infill (100m spaced lines) soil lines should be done in the Classic and Schooner Zones to better define anomalous trends.

2) Soil sampling should be done over promising airborne targets. This will provide structural trends as well as geological information (through mapping soil pits) for defining drill targets.

3) Due to the lack of outcrop and downslope movement in soil horizons, trenching is recommended in order to map structural and geological controls to mineralization. Drilling budgets can be used more cost effectively in delineating mineralization if orientation of structures and favourable hosts are known in advance.

4) More bulk sampling or the use of a sonic drill is recommended to decide which method of drilling (RVC/Diamond) gives the most reliable results. If RVC drilling is chosen centre sampling bits should be used.

Respectfully submitted by;

R. M. Diment

Rick Diment
Project Geologist

STATEMENT OF COSTS

RC Drilling	18,542m	$ 863,200.
Diamond Drilling	1,645m	206,249.
Trenching	3,000m	149,185.
Linecutting	25.1km	48,885.
IP Survey	6.0km	5,389.
Sample Prep & Assaying (includes labour for processing, logging & sampling)	13,521 assays	460,048.
Services & Fuel (includes drill pad construction, ground support, helicopter, misc supplies & services)		518,459.
Road Access		109,805.
Camp Costs		285,467.
Geology & Engineering		156,278.
Environmental Baseline Study & Engineering Support		187,000.
Metallurgical Testwork		111,880.
	TOTAL	$3,101,845.

STATEMENT OF QUALIFICATIONS

I, Richard M. Diment, do hereby certify that;

1) I have been an employee of Noranda Exploration Company Limited (npl) in Whitehorse, Yukon since April 1989.

2) I am a graduate of the University of British Columbia with a B.Sc. in Geology.

3) I have practised my profession for the past six years in British Columbia and in the Yukon.

4) I supervised and participated in field work done in 1991.



Richard M. Diment
Project Geologist

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APPENDIX I

R.C. COLLAR CO-ORDINATES & SIGNIFICANT RESULTS

BLUE ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
D	18425	20185			50		324	18415.4	20182.9	34 m	18-24 m depth. Includes 3.75g/2m at 22-24 m depth.	1.95	6 m
G	18475	20200			50		325	18472.1	20199.4	40 m	34 m depth. Includes 4.61g/2m at 36-38 m depth.	1.9	6 m
B	18375	20225			50		326	18365.0	20220.7	40 m	22 m depth. Includes 2.75g/10m at 26-36 m depth.	2.09	14 m
A	18375	20250			50		327	18365.2	20249.2	30 m	No significant intersections.		
E	18475	20250			50		328	18471.4	20255.3	40 m	8-40 m depth. Includes 12.77g/6m at 30-36 m depth.	5.67	32 m
F	18475	20225			50		329	18473.5	20227.6	34 m	2-34 m depth. Includes 11.42g/4m at 2-6 m depth. Includes 1.62g/22 at 12-34 m depth.	2.59	32 m
H	18475	19975			50		330	18468.8	20171.8	52 m	34-50 m depth. Includes 1.76g/6m at 34-40 m depth. Includes 1.90/8m at 42-50 m depth.	1.68	16 m
C	18375	20200			50		331	18367.5	20191.0	34 m	No significant intersections.		

APPROVALS DATE

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MOOSEHEAD ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
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DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
I	18170	20475			50		332	18167.80	20533.70	58 m	No significant intersections. Anomolous values include: 0.60g/2m at 8-10m depth. 0.76g/2m at 16-18 m depth.		
J	18170	20500			50		333	18168.20	20507.20	70 m	No significant intersections. Anomolous values include: 0.52g/4m at 6-10m depth. 0.65g/2m at 60-62 m depth.		
K	18170	20525			50		334	18168.00	20479.60	74 m	No significant intersections. Anomolous values include: 0.65g/4m at 18-22 m depth.		
M	18750	20850	334	-45	50		335	18727.30	20839.30	60 m	No significant intersections. Anomolous values include: 0.83g/4m at 8-12 m depth.		
L	18750	20850			50		336	18727.30	20839.30	54 m	No significant intersections. Anomolous values include: 0.66g/8m at 16-24 m depth.		

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1991

MOOSEHEAD

-----PRE-DRILLING POST DRILLING ----------

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EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
N	18760	20720			50		337	18760.30	20714.50	46 m	No significant intersections. Anomolous values include: 0.52g/30m at 2-32 m depth.		
O	18760	20700			50		338	18763.70	20690.00	56 m	No significant intersections. Anomolous values include: 0.46g/38m at 14-52 m depth.		
Q	18860	20775			50		339	18861.60	20758.20	40 m	No significant mineralization.		
R	18860	20750			50		340	18866.20	20731.00	52 m	No significant mineralization.		
S	18920	20875			50		341	18915.50	20877.40	40 m	2-16 m depth.	1.31	14 m
U	18950	20790			50		342	18960.90	20787.70	52 m	No significant mineralization.		
V	18950	20765			50		343	18958.30	20763.20	52 m	No significant mineralization.		
T	18950	20900			50		344	18952.60	20905.30	56 m	18-24 m depth.	2.22	8 m
X	19025	20835			50		345	19025.00	20837.10	52 m	No significant mineralization.		
W	19025	20860			50		346	19023.40	20863.30	40 m	No significant mineralization.		
Y	19075	20860			50		347	19070.20	20857.30	28 m	16-20 m depth.	4.54	4 m

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MOOSEHEAD

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DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
Z	19075	20835			50		348	19071.70	20830.90	46 m	No significant mineralization.		
AA	19160	20960	310	-45	50		349	19153.60	20959.20	34 m	Anomolous 12-16 m depth. 28-32 m depth.	 1.25 1.03	 6 m 4 m
AB	19200	20985			50		350	19186.60	20991.90	58 m	No significant mineralization.		

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CANADIAN ZONE

DRILLING SUMMARY
1991

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DISTRICT: N. Cord.
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EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
AC	19425	20125			25		351	19421.30	20130.30	40 m	No significant mineralization.		
AD	19425	20150			25		352	19418.40	20154.10	40 m	No significant mineralization.		
AE	19425	20175			25		353	19420.60	20176.90	40 m	No significant mineralization.		
AF	19485	20070			30		354	19481.80	20070.60	40 m	No significant mineralization.		
AG	19485	20095			30		355	19481.50	20096.90	40 m	No significant mineralization.		
AH	19545	20050			30		356	19545.80	20040.40	36 m	28-32 m depth.	2.6	4 m
AS	19600	19810			40		357	19601.50	19810.00	40 m	No significant mineralization.		
AT	19600	19785			40		358	19600.70	19787.20	38 m	22-30 m depth.	1.98	8 m
AU	19600	19760			40		359	19600.40	19765.20	32 m	No significant mineralization.		
AP	19700	19825			40		360	19694.70	19827.40	40 m	30-36 m depth.	1.56	6 m
AQ	19700	19800			40		361	19697.20	19807.10	52 m	42-46 m depth.	1.3	4 m
AR	19650	19765			40		362	19650.90	19764.00	50 m	30-38 m depth.	1.25	8 m
AJ	19750	20050			40		363	19755.80	20046.90	52 m	No significant results.		
AK	19750	20025			40		364	19749.40	20021.90	46 m	No significant results.		

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CANADIAN ZONE

DRILLING SUMMARY
1991

PROJECT: Brewery Creek
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EST. COST/M

(-----PRE-DRILLING : POST DRILLING ----------

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
AL	19750	20000			40		365	19754.50	19998.60	46 m	12-22 m depth.	5.67	10 m
AI	19750	20075			40		366	19753.90	20074.30	46 m	No significant results.		
AM	19750	19975			40		367	19753.30	19975.30	40 m	8-24 m depth.	1.23	16m
AN	19750	19950			40		368	19755.10	19944.80	40 m	No significant results.		
AO	19750	19925			40		369	19755.00	19920.80	40 m	No significant results.		

APPROVALS DATE

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FOSTERS ZONE

DRILLING SUMMARY
1991

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PROJECT: Brewery Creek
DISTRICT: N. Cord.
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EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
AV	20150	20025			40		370	20148.90	20029.80	28 m	No significant results.		
AW	20150	20000			40		371	20149.70	20002.80	28 m	No significant results.		
AX	20150	19975			40		372	20148.70	19977.20	40 m	20-32 m depth.	2.39	12 m
AY	20150	19950			40		373	20150.50	19949.60	44 m	34-40 m depth.	1.81	6 m
AZ	20250	19975			40		374	20248.60	19963.20	32 m	4-12 m depth.	1.42	8 m
BA	20250	19950			40		375	20246.80	19943.20	36 m	14-32m depth. Includes 1.30g/10m at 22-32m depth.	1.09	18 m
BB	20300	19975			40		376	20300.50	19983.10	40 m	No significant results.		
BC	20300	19950			40		377	20266.70	19939.40	34 m	0-12 m depth.	1.92	12 m
BC	20300	19950			40		378	20303.10	19951.40	30 m	No significant results.		
BD	20275	19940											
ER	20100	19980	334	-45	40		463	20151.20	19956.40	52 m	26-32 m depth.	1.9	6 m
EQ	20100	20020	334	-45	40		464	20100.70	20020.00	38 m	No significant mineralization.		
EP	20100	19980	334	-45	40		465	20098.80	19989.70	30 m	2-4 m depth. 16-22 m depth.	1.06 1.81	2 m 6 m
ES	20150	19975	334	-45	40		466	20151.70	19981.60	36 m	4-20 m depth. Includes 2.12g/6m at 14-20 m depth. at 16-20 m depth.	1.51	16 m

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KOOTANEE ZONE

DRILLING SUMMARY
1991

<----PRE-DRILLING | POST DRILLING ------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
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EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
BE	20535	19925			50		379	20532.20	19924.90	50 m	No significant mineralization.		
BF	20535	19900			50		380	20531.10	19898.50	28 m	No significant mineralization.		
BG	20535	19875			50		381	20531.30	19873.70	40 m	No significant mineralization.		
BH	20535	19850			50		382	20526.90	19849.30	50 m	No significant mineralization. Anomolous values include: 1.4g/6m at 36-42 m depth.		
BI	20535	19825			50		383	20528.70	19822.20	44 m	32-38 m depth.	3.14	6 m
BJ	20535	19800			50		384	20526.60	19795.60	58 m	No significant mineralization.		
BN	20775	19850			50		385	20773.20	19849.40	66 m	4-24 m depth. Includes 5.19g/6m at 4-10 m depth.	1.88	20 m
BP	20815	19850			50		386	20814.40	19848.10	58 m	No significant mineralization.		
BQ	20815	19825			50		387	20811.10	19825.70	58 m	No significant mineralization. Anomolous values include: 1.33g/4m at 38-42 m depth.		
BK	20685	19875			50		388	20685.00	19857.50	50 m	No significant mineralization.		

APPROVALS DATE

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KOKANEE ZONE

DRILLING SUMMARY
1991

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PROJECT: Brewery Creek
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DIVISION: Cordillera
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EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
BL	20685	19850			50		389	20684.00	19834.50	56 m	No significant mineralization.		
BM	20775	19875			50		390	20773.80	19875.10	58 m	8-18 m depth. Includes 5.65g/2m at 14-16 m depth.	1.81	10 m
BO	20775	19825			50		391	20773.10	19826.00	62 m	28-32 m depth. Anomolous values include: 1.01g/26m at 8-34 m depth.	1.63	6 m
BR	20865	19850			50		392	20865.20	19849.00	58 m	No significant mineralization.		
BS	20865	19825			50		393	20866.10	19826.40	54 m	No significant mineralization.		
BT	20965	19875			50		394	20960.70	19883.80	42 m	No significant mineralization.		
CH	21125	19900			50		395	21121.80	19903.50	40 m	24-30 m depth. Includes 2.80g/4m at 24-28 m depth.	1.98	6 m
CG	21125	19925			50		396	21122.40	19926.70	46 m	2-16 m depth.	4.9	14 m
BU	20965	19850			50		397	20960.60	19858.70	40 m	No significant mineralization.		
CF	21125	19950			50		398	21120.60	19952.60	30 m	No significant mineralization.		
BX	21020	19940			50		399	21017.90	19939.30	40 m	2-22 m depth.	0.607	20 m
BV	20965	19825			50		400	20960.90	19830.50	64 m	46-64 m depth.	0.718	18 m

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KOKANEE ZONE

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DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
BW	20965	19800			50		401	20959.60	19809.80	50 m	No significant mineralization.		
BY	21015	12970			50		402	21009.10	19767.70	70 m	42-62 m depth. Includes 2.37g/2m at 50-52 m depth.	0.743	20 m
BZ	21075	19740			50		403	21067.40	19741.10	28 m	No significant mineralization.		
CA	21125	19775			50		404	21123.00	19769.40	40 m	36-40 m depth.	2.03	4 m
CB	21125	19750			50		405	21123.00	19769.40	28 m	No significant mineralization.		
CL	21280	19925			50		406	21279.20	19925.00	28 m	10-28 m depth. Includes 2.65g/8m at 10-18 m.	1.56	18 m
CM	21280	19900			50		407	21282.20	19897.60	46 m	30-38 m depth.	1.89	8 m
CJ	21280	19975			50		409	21274.70	19975.20	38 m	No significant mineralization.		
CK	21280	19950			50		410	21276.10	19948.70	28 m	No significant mineralization.		
FJ	21180	19915	334	-45	50		479	21177.10	19917.30	62 m	50-56 m depth.	2.02	6 m
FK	21230	19910	334	-45	50		480	21229.60	19912.40	70 m	4-8 m depth. 20-24 m depth. 36-40 m depth. 54-62 m depth.	1.3 3.2 2.93 2.57	4 m 4 m 4 m 8 m
FD	21065	19810	334	-45	50		481	21065.70	19818.00	52 m	2-10 m depth.	5.77	8 m
FE	21120	19800		-90	50		482	21122.70	19793.40	52 m	10-18 m depth. 26-36 m depth.	1.46 1.05	8 m 10 m
FF	21120	19825		-90	50		483	21120.70	19822.20	52 m	No significant mineralization.		

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GOLDEN ZONE

DRILLING SUMMARY
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DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
CZ	22075	19540			50		408	22072.10	19540.50	42 m	28-34 m depth.	1.7	6 m
CT	21890	199450			50		411	21889.50	19457.30	52 m	No significant mineralization.		
CV	21945	19450			50		412	21942.6	19450.9	40 m	12-18 m depth.	0.83	6 m
CU	21945	19475			50		413	21943.30	19476.80	50 m	26-36 m depth. Includes 12.96g/6m at 28-34 m depth.	9.25	10 m
DA	22075	19500			50		414	22065.00	19499.80	28 m	No significant mineralization.		
CO	21750	19585			50		415	21753.60	19586.90	48 m	6-28 m depth. Includes2.09g/6m at 6-12 m, 1.55g/4m at 24-28 m depth.	1.042	22 m
CP	21750	19560			50		416	21753.00	19563.30	58 m	8-50 m depth. Includes 1.66g/6m at 32-38 m depth.	0.6	42 m
DN	21600	19700			50		417	21597.90	19697.10	52 m	No significant mineralization.		
DM	21710	19700			50		418	21710.90	19699.50	52 m	No significant mineralization.		
DL	21650	19710			50		419	21648.40	19714.60	64 m	2-8 m depth.	2.18	6 m
DO	21600	10675			50		420	21598.00	19671.10	50 m	No significant mineralization.		
CQ	21750	19535			50		421	21755.30	19534.80	50 m	No significant mineralization.		

GOLDEN ZONE

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HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
CN	21750	19610			50		422	21754.30	19619.60	44 m	No significant mineralization.		
CR	21750	19510			50		423	21753.60	19505.80	46 m	No significant mineralization.		
CS	21810	19485			50		424	21809.30	19477.50	62 m	No significant mineralization.		
DH	21550	19725			50		425	21508.90	19719.20	46 m	0-16 m depth. Includes 3.38g/6m at 8-14 m depth.	1.91	16 m
DK	21600	19650			50		426	21599.30	19634.30	30 m	8-14 m depth. Includes 4.39g/2m at 8-10 m depth.	2.01	6 m
DF	21550	19775			50		427	21509.90	19772.30	34 m	18-22 m depth. Anomolous values include 1.06g/2m at 26-28 m depth.	1.77	4 m
DG	21550	19750			50		428	21509.30	19745.10	34 m	No significant mineralization.		
DI	21550	19700			50		429	21508.10	19693.10	28 m	No significant mineralization.		
DJ	21550	19675			50		430	21508.10	19662.70	70 m	16-20 m depth.	1.22	4 m
CX	22325	19950			50		431	22141.50	19969.40	28 m	No significant mineralization.		
CY	22325	19925	334	-60	50		432	22137.80	19935.00	28 m	No significant mineralization. Anomolous values include .47g/14m at 6-20 m depth.		

APPROVALS DATE

PROJECT GEOL
DISTRICT GEOL
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COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

GOLDEN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING : POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DB	22000	19965			50		433	21997.90	19968.40	40 m	No significant mineralization.		
DC	22000	19940			50		434	21999.30	19945.60	28 m	No significant mineralization.		
CW	22325	19975	334	-60	50		435	22098.40	19929.70	40 m	30-40 m depth. Includes 4.16g/2m at 38-40 m depth.	1.44	10 m
DD	22000	19915	334	-45	50		436	21998.40	19922.10	34 m	2-28 m depth. Includes 5.40g/10m at 2-12 m depth.	2.72	26 m
GA	21650	19680		-90	50		503	21648.00	19687.10	40 m	20-24 m depth.	1.27	4 m
GT	21855	19695		-90	50		504	21845.10	19678.30	58 m	34-40 m depth. Anomolous.	0.5	6 m
GN	21855	19845		-90	50		505	21852.80	19845.50	40 m	No significant mineralization.		
GO	21855	19820		-90	50		506	21850.00	19820.80	40 m	2-4 m depth.	1.06	2 m
GP	21855	19795		-90	50		507	21844.50	19788.30	46 m	No significant mineralization.		
GQ	21855	19770		-90	50		508	21848.60	199760.30*	40 m	2-20 m depth. Includes 5.83g/6m at 6-12 m depth.	3.51	18 m
GR	21855	19745		-90	50		509	21848.20	19733.20	34 m	8-18 m depth	2.21	10 m
GS	21855	19720		-90	50		510	21848.40	19703.30	46 m	26-30 m depth.	1.3	4 m
GM	21855	19870		-90	50		511	21853.50	19869.60	40 m	10-14 m depth.	1.42	4 m

DATE July 7, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
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TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

LUCKY ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
DP	22650	19840			70		437	22639.50	19842.90	28 m	No significant mineralization.		
DQ	22650	19815			70		438	22642.70	19815.90	46 m	4-28 m depth. Includes 0.94g/10m at 4-14 m depth, 0.8g/4m at 24-28m depth.	0.64	24 m
DR	22650	19790			70		439	22643.60	19792.90	52 m	36-46 m depth.Includes 4.7g/4m at 44-48 m depth.	3.2	10 m
DU	22700	19760			70		440	22695.80	19760.90	76 m	24-30 m depth. 38-48 m depth. 58-62 m depth.	0.81 0.56 0.73	6 m 10 m 4 m
DV	22750	19780			70		441	22751.30	19784.20	76 m	2-10 m depth. Includes 3.13g/12m at 4-6 m depth. 64-72 m depth.Includes 10.70g/4m at 66-70 m depth.	1.58 6.43	8 m 8 m
DW	22800	19800			70		442	22791.20	19799.70	94 m	70-84 m depth.Includes 3.58g/2m at 80-82 m depth.	1.84	14 m
DS	22650	19765			70		443	22642.40	19763.40	90 m	50-68 m depth.Includes 2.41g/6m at 52-58 m depth.	1.58	18 m
DT	22650	19740			70		444	22643.50	19734.50	88 m	62-78 m depth.Includes 3.14g/8m at 66-74 m depth.	2.53	16 m
DY	22890	19820			70		445	22886.40	19813.70	86 m	8-14 m depth. 20-30 m depth. 36-44 m depth.Includes 16.85g/4m at 38-42 m depth.	1.1 0.75 9.8	6 m 10 m 8 m

LUCKY ZONE

DATE

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
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TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

LUCKY ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DX	22890	19950		-90	70		446	22889.20	19945.90	48 m	No significant mineralization.		
DZ	22925	19950		-90	70		447	22931.70	19952.90	46 m	No significant mineralization.		
EA	22925	19925		-90	70		448	22929.30	19927.30	40 m	2-8 m depth.	1.94	6 m
EB	22925	19900		-90	70		449	22929.70	19902.90	46 m	6-12 m depth.	3.07	6 m
EC	22925	19875		-90	70		450	22930.10	19874.10	40 m	2-8 m depth. 22-26 m depth.	4.51 1.48	6 m 4 m
ED	22925	19850		-90	70		451	22927.90	19849.50	52 m	2-6 m depth. 18-32 m depth.	1.2 6.13	4 m 14 m
EE	22925	19825		-90	70		452	22925.90	19818.90	64 m	No significant mineralization.		

APPROVALS

DATE July 15, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR

COMPILATION MAP ETC. RECEIVED:
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TOTAL METERAGE COMPLETED

BLUE ZONE
BLUE ZONE

DRILLING SUMMARY
DRILING SUMMARY
1991

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

PRE-DRILLING | POST DRILLING

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
EF	18365	20190	334	-45	60		453	18365.5	20186.9	58 m	30-44 m depth. Anomalous values include, .74g/4m at 48-52 m depth.	1.48	14 m
EG	18415	20210	334	-45	50		454	18416.9	20208.9	56 m	10-32 m depth. 36-48 m depth.	2.27 1.25	22 m 12 m
EO	18365	20220	334	-45	30		455	18365.2	20222.1	30 m	10-24 m depth.	4.05	14 m
EN	18470	20255	334	-45	60		456	18470.4	20254	109 m	10-24 m depth.	4.69	14 m
EK	18525	20235	334	-45	50		457	18521	20242.1	50 m	20-40 m depth.	2.5	20 m
EL	18525	20210		-90	50		458	18519.5	20216.4	62 m	6-20 m depth. 30-40 m depth.	1.91 3	14 m 10 m
EM	18525	20185		-90	60		459	18517.6	20189.1	52 m	12-18 m depth. Anomalous values, 1g/4m at 2-6 m. 38-50 m depth. Anomalous values, 6.6g/2m at 32-34m.	1.58 1.93	6 m 12 m
EJ	18525	20260	334	-45	50		460	18519.8	20263.9	100 m	8-28 m depth.	3.44	20m
EH	18475	20225	334	-45	60		461	18475	20232.6	64 m	16-32 m depth. 36-42 m depth.	2.6 3.78	16 m 6 m
EI	18475	20200	334	-45	70		462	18473.1	20205.2	88 m	2-6 m depth. 18-38 m depth.	2.2 2.67	4 m 20 m

APPROVALS DATE

PROJECT GEOL
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COMPILATION MAP ETC. RECEIVED:
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TOTAL DRILL COST :

FOSTERS ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING | POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
ET	20190	19920		-90	40		467	20195.60	19911.90	52 m	32-38 m depth. Includes 3.50g/4m at 16-20 m depth.	1.2 1.75	8 m 12 m
EU	20190	19945	334	-45	40		468	20192.60	19939.60	40 m	16-20 m depth.	1.2	8 m
EV	20190	19970	334	-45	40		469	20193.30	19965.30	40 m	8-20 m depth. Includes 3.50g/4m at 16-20 m depth.	1.75	12 m
EW	20270	19915		-90	40		470	20271.30	19920.50	22 m	No significant mineralization.		

APPROVALS

PROJECT GEOL
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DATE Update on July 14

COMPILATION MAP ETC. RECEIVED:
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TOTAL NO. OF HOLES COMPLETED
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TOTAL DRILL COST

KOKANEE ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING | POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
FC	20810	19800		-90	50 m		471	20815.20	19799.00	76 m	No significant mineralization.		
EY	20755	19890	334	-45	50 m		472	20752.80	19893.30	94 m	4-20 m depth.	7.73	16 m
FA	20755	19865	334	-45	50 m		473	20754.80	19864.10	70 m	16-28 m depth.	8.44	12 m
EZ	20755	19865		-90	50 m		474	20754.70	19856.30	100 m	8-34 m depth.	1.42	26 m
EX	20730	19850	334	-45	50 m		475	20729.60	19851.00	52 m	8-30 m depth.	2.38	22 m
FB	20775	19800		-90	50 m		476	20773.10	19801.40	58 m	No significant mineralization.		
FH	21120	19900	334	-45	50 m		477	21122.30	19902.80	34 m	6-16 m depth.	2.98	10 m
FI	21120	19925	334	-45	50 m		478	21123.20	19928.60	40 m	2-16 m depth.	6.94	4 m
IT	21125	19875		-90	50 m		553	21120.30	19871.80	52 m	No significant mineralization.		
IW	21230	19980		-90	50 m		554	21227.80	19993.50	35 m	2-16 m depth. Includes 4.12g/6m at 10-16 m depth.	2.1	14 m
IP	21370	19840		-90	50 m		555	21365.90	19811.60	64 m	Anomalous vaules include 0.43g/4m at 48-52 m depth.		
IO	21370	19865		-90	50 m		556	21365.30	19833.20	70 m	No significant mineralization.		
IN	21370	19890		-90	40 m		557	21362.60	19860.60	52 m	22-42m depth. Includes 2.12g/14m at 28-42 m depth.	1.63	20 m
IM	21370	19890	334	-45	30 m		558	21362.60	19862.60	46 m	8-46m depth. Includes 2.28g/28m at 16-44 m depth.	1.87	38 m
IU	21125	19795	334	-45	50 m		559	21124.00	19800.20	46 m	2-18 m depth.	1.49	16 m

DATE

PROJECT GEOL
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COMPILATION MAP ETC. RECEIVED:
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TOTAL DRILL COST :

DRILLING SUMMARY
1991

KOKANEE ZONE

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
FG	21120	19850		-90	50		484	21124.60	19848.40	46 m	36-40 m depth.	1.41	4 m
FL	21230	19955	334	-45	50		485	21228.80	19957.30	56 m	26-56 m detph. NOTE: suspected smearing/washing from 40-56m. Hole to be resampled, reassayed, and twinned with diamond drill.	3.75	30 m
FM	21280	19870		-90	50		486	21287.80	19869.90	68 m	No significant mineralization.		
FN	21280	19925	334	-45	50		487	21279.70	19924.70	28 m	8-18 m depth.	2.27	10 m
GD	21330	19915	334	-45	40		488	21325.70	19910.20	30 m	8-16 m depth.	1.32	8 m
GE	21330	19915		-90	50		489	21325.70	19908.70	40 m	8-20 m depth. 30-32 m depth.	2.63 1.7	12 m 2 m
GF	21330	19890		-90	50		490	21326.10	19883.50	52 m	16-46 m depth. Includes 5.12g/2m at 30-32 m depth, 6.05g 2 at 42-44m depth.	2.35	30 m
GG	21330	19865		-90	50		491	21324.10	19860.20	64 m	No significant mineralization.		

APPROVALS

DATE June 28/91

PROJECT GEOL
DISTRICT GEOL
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RGN. MGR

COMPILATION MAP ETC. RECEIVED:
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S.GOLDEN ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
FU	22050	19475	334	-45	50 m		492	22046.30	19461.30	40 m	No significant mineralization.		
FV	22050	19450	334	-45	50 m		493	22046.10	19440.80	40 m	No significant mineralization.		
FW	22050	19425	334	-45	50 m		494	22046.10	19411.10	40 m	No significant mineralization.		
FP	22000	19520		-90	50 m		495	21998.40	19522.10	40 m	No significant mineralization.		
FQ	22000	19490	334	-45	50		496	21995.70	19497.60	52 m	No significant mineralization.		
FR	22000	19465	334	-45	50		497	21992.10	19467.30	46 m	30-34 m depth. Includes 9.21g/2m at 30-32 m depth.	4.89	4 m
FS	22000	19440	334	-45	50		498	21994.40	19448.10	58 m	18-46 m depth. Includes 7.10g/8m at 16-24 m depth.	3.04	28 m
FO	21810	19510	334	-70	50		499	21811.90	19507.80	102 m	56-64 m depth.	1.4	8 m
FZ	21700	19585		-90	50		500	21701.90	19585.00	2 m	4-8 m depth. 10-14 m depth. 16-18 m depth.	1.19 1.79 2.06	4 m 4 m 2 m
FX	21700	19535	334	-60	50		501	21705.00	19535.70	82 m	48-52 m depth. 58-64 m depth.	1.26 2.32	4 m 6 m
FY	21700	19560	334	-60	50		502	21702.20	19562.10	76 m	24-30 m depth. Anomolous. 40-44 m depth.	0.95 1.5	6 m 4 m

APPROVALS DATE June 28/91

PROJECT GEOL
DISTRICT GEOL
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COMPILATION MAP ETC. RECEIVED:
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GOLDEN ZONE

DRILLING SUMMARY 1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
GK	21855	19920		-90	50		512	21857.10	19923.10	52 m	Anomalous values include .43g/20m at 2-22 m depth.		
GB	21700	19900	334	-45	50		513	21702.60	19893.60	40 m	2-10 m depth. Includes 8.75g/4m at 4-8 m depth.	4.78	8 m
GC	21815	19900	334	-45	50		514	21818.10	19904.70	52 m	2-12 m depth. Includes 8.53g/2m at 8-10 m depth.	2.9	10 m
GL	21855	19895		-90	50		515	21857.00	19894.60	58 m	8-20 m depth. Includes 3.15g/2m at 10-12 m depth.	1.62	12 m
GU	22000	19900	334	-45	50		516	21998.70	19893.70	58 m	24-40 m depth. Includes 3.43g/2m at 30-32 m depth.	1.08	16 m
											44-50 m depth.	2.38	6 m
GZ	21602	19606	334	-45	40		517	21595.90	19608.90	100 m	4-18 m depth.	1.59	14 m
											36-38 m depth.	1.27	2 m
											48-58 m depth.	1.51	10 m
											86-88 m depth.	1.05	2 m

DATE July 7, 1991

PROJECT GEOL
DISTRICT GEOL
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COMPILATION MAP ETC. RECEIVED:
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GOLDEN ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING | POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
HA	21602	19576	334	-45	40		518	21597.50	19588.50	88 m	20-32 m depth. Includes 3.82g/4m at 20-24 m depth.	2.34	12 m
GV	21460	19770	334	-45	40		519	21457.80	19769.70	48 m	30-36 m depth. Anomalous values, 0.54g/2m, at 22-24 m depth.	1.34	6 m
GW	21460	19745	334	-45	40		520	21475.10	19744.00	70 m	56-60 m depth.	1.15	4 m
GX	21460	19720	334	-45	40		521	21456.10	19721.10	82 m	14-28 m depth. Includes 1.62g/4m at 22-26 m depth, 0.95g/6m at 64-70 m depth.	1.01	14 m
GY	21460	19695	334	-45	40		522	21456.70	19691.50	88 m	28-50 m depth. Includes 3.47g/6m at 40-46 m depth.	1.39	22 m
GI	21815	19810	334	-45	50		574	21811.70	19808.40	52 m	Anomalous values include 0.73g/2m at 2-4 m depth.		
GJ	21815	19785	334	-45	50		575	21813.90	19789.00	50 m	2-6 m depth. 20-24 m depth.	1.32 2.24	4 m 4 m

APPROVALS

DATE July 12, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

DRILLING SUMMARY
1991

LUCKY ZONE

PRE-DRILLING ------ POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
HJ	22750	19760		-90	70		523	22750.40	19758.80	94 m	20-26 m depth. Anomalous vaules, 0.55g/2m at 80-82 m depth.	1.31	6 m
HB	22590	19816		-90	70		524	22593.70	19825.50	52 m	No significant mineralization.		
HC	22590	19791		-90	70		525	22592.70	19798.80	40 m	No significant mineralization.		
HD	22590	19766		-90	70		526	22585.40	19773.30	118 m	52-64 m depth. Includes 2.7g/4m at 60-64 m depth.	1.27	12 m
HE	22590	19740		-90	70		527	22586.60	19744.10	82 m	70-76 m depth.	2.03	6 m
HF	22590	19715		-90	70		528	22591.80	19715.30	112 m	94-100 m depth.	1.09	6 m
HH	22642	19710		-90	70		529	22641.90	19706.60	82 m	24-26 m depth. 38-42 m depth. 64-66 m depth.	1.06 2.56 1.38	2 m 4 m 2 m
HG	22590	19690		-90	70		530	22595.10	19696.40	82 m	No significant mineralization.		
HI	22642	19763	334	-70	70		531	22645.60	19760.00	82 m	38-42 m depth. 46-52 m depth. Includes 7.36g/2m at 50-52 m depth.	1.27 4.11	4 m 6 m
HK	22824	19740	334	-45	70		532	22822.30	19712.80	74 m	Anomalous values include 0.52g/14m at 38-52 m depth.		
HL	22886	19788		-90	70		533	22882.00	19780.40	76 m	12-28 m depth. 62-66 m depth.	1.64 1.12	16 m 4 m

APPROVALS

DATE July 12, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

BLUE ZONE
BLUE ZONE

DRILLING SUMMARY
DRILLING SUMMARY
1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
HT	18316	20226		-90	50 m		534	18312.9	20230	40 m	6-14 m depth. 20-22 m depth. 30-32 m depth.	1.25 1.06 1.36	8 m 2 m 2 m
HU	18316	20200	334	-45	30 m		535	18311.5	20204.6	30 m	20-22 m depth.	1.23	2 m
HV	18316	20175	334	-45	60 m		536	18310.5	20179.4	60 m	30-60 m depth. Includes 3.36g/6m at 34-40 m depth.	1.57	30 m
HW	18316	20150	334	-45	70 m		537	18311.5	20150.5	70 m	56-66 m depth. Includes 4.12g/4m at 58-62 m depth.	2.07	10 m
HX	18365	20165	334	-45	70 m		538	18368	20161.2	70 m	Anomalous values include 0.50g/4m at 46-50 m depth, 0.58g/4m at 60-64 m depth.		
HY	18365	20165		-90	80 m		539	18368	20159.2	88 m	80-82 m depth.	1.18	2 m
IG	18570	20190		-90	50 m		540	18574.3	20187.1	70 m	42-56 m depth. Includes 3.72g/2m at 52-54 m depth.	1.29	14 m
IF	18570	20215		-90	50 m		541	18573.9	20211.2	70 m	20-24 m depth. 36-42 m depth. Anomalous values include 1.62g/2m at 40-42 m depth.	1.21 0.98	4 m 6 m

APPROVALS

DATE July 15, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF HOLES COMPLETED
TOTAL METERAGE COMPLETED
TOTAL DRILL COST

BLUE ZONE

DRILLING SUMMARY

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
IC	18570	20290	334	-45	50 m		542	18572.1	20289.8	50 m	No significant mineralization.		
ID	18570	20265	334	-45	50 m		543	18571.1	20263.6	50 m	10-22 m depth. Includes 4.34g/4m at 10-14 m depth, 1.40g/2m at 18-20 m detph.	1.9	12 m
IE	18570	20240	334	-45	50 m		544	18573.2	20239.4	50 m	Anomalous values include 0.62g/6m at 24-30 m depth.		
IA	18520	20242		-90	50 m		545	18521.1	20242.2	70 m	16-42 m depth.	2.99	26 m
IB	18520	20165		-90	50 m		546	18515.8	20162.4	106 m	6-8 m depth. 30-40 m depth.	1.43 1.04	2 m 10 m
HZ	18470	20150		-90	70 m		547	18465.6	20145	70 m	52-54 m depth.	1.04	2 m
IH	18620	20300	334	-45	50 m		548	18614	20305.8	46 m	No significant mineralization.		
II	18620	20275	334	-45	50 m		549	18616.3	20290.6	50 m	No significant mineralization.		
IL	18620	20200		-90	50 m		550	18615.7	20212.2	50 m	20-24 m depth. 36-40 m depth.	1 1.04	4 m 4 m
IK	18620	20225		-90	50 m		551	18616.8	20231.7	70 m	22-24 m depth. 30-38 m depth.	1.15 1.58	2 m 8 m
IJ	18620	20250	334	-45	50 m		552	18615.3	20258.8	52 m	No significant mineralization.		

APPROVALS DATE

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

DRILLING SUMMARY
1991

KOKANEE ZONE

<------PRE-DRILLING POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
IV	21125	19770	334	-45	50		560	21122.40	19771.10	52 m	Anomalous values include 0.53g/2m at 26-28 m depth.		
JD	21420	19870	334	-45	50		563	21418.70	19827.60	34 m	2-26 m depth. Includes 11.87g/4m at 4-8 m depth, 7.41g/2m at 16-18 m depth.	4.02	24 m
JE	21420	19870		-90	50		564	21419.00	19825.10	40 m	2-32 m depth. Includes 7.63g/6m at 16-22 m depth.	2.58	30 m
JF	21420	19890		-90	50		565	21415.00	19852.00	40 m	4-10 m depth. Anomalous values include 0.69g/2m at 12-14 m depth.	1.88	6 m
JG	21420	19840		-90	50		566	21422.40	19799.50	58 m	30-32 m depth. Anomalous values include 0.49g/12m at36-48 m depth.	1.01	2 m

APPROVALS

DATE July 10, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

S. GOLDEN ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE:
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
IX	21545	19610	334	-45	50 m		561	21548.00	19612.00	64 m	16-36m depth. Includes 6.65g/2m at 24-26 m depth.	1.95	20 m
IY	21545	19635	334	-45	50 m		562	21548.00	19632.40	46 m	8-10 m depth.	1.25	2 m
IR	21650	19565	334	-45	50 m		567	21647.90	19548.90	76 m	54-66 m depth.	1.82	12 m
JB	21890	19460	334	-60	75 m		568	21889.20	19457.70	76 m	60-64 m depth.	1.83	4 m
JZ	21810	19480	334	-70	90 m		569	21811.90	19478.20	94 m	84-90 m depth.	1.06	6 m
JA	21940	19440	334	-45	75 m		570	21943.00	19437.40	72 m	38-40 m depth. 42-44 m depth. 48-52 m depth.	1.81 2.33 1.03	2 m 2 m 4 m
JH	22045	19440		-90	70 m		571	22046.50	19439.80	76 m	No significant mineralization.		
IS	22000	19425	334	-45	50 m		572	21996.20	19418.50	76 m	46-48 m depth. 62-64 m depth.	1.14 1.06	2 m 2 m
IQ	21650	19590	334	-45	50 m		573	21651.00	19578.00	76 m	34-50 m depth.	1.57	16 m

APPROVALS

DATE July 15, 1991

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

BOHEMIAN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 150 m
CONTRACTOR:

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET:
EST. COST/M

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
J1	23150	19425		-90	50 m	Trench Geochem	576	23146.80	19423.90	40 m	Anomalous values include 0.46g/2m at 10 m depth.		
JK	23150	19375		-90	50 m		577	23147.20	19374.10	58 m	18-36m depth. Includes 1.29g/4m at 18-22 m depth, 1.29g/10m at 26-36 m depth.	1.04	18 m
JJ	23150	19400		-90	50 m		578	23146.50	19396.30	58 m	2-6 m depth. 38-42 m depth.	1.23 1.32	4 m 4 m

APPROVALS

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

DATE July 14, 1991

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED : 156 m
TOTAL DRILL COST :

PACIFIC ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 150m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept. 6, 1991
DIVISION: Cordillera
DRILLING BUDGET: $6,600
EST. COST/M $44/m

DRILLING TYPE: Reverse Circulation

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
JN	17700	20500	334	-45	50 M	TRENCH GEOCHEM	579	17686.30	20468.60	40 m	No Significant Results		
JM	17700	20525	334	-45	50 M	" "	580	17687.10	20499.50	46 m	2-6 m depth. 16-20 m depth.	0.92 0.82	4 m 4 m
JL	17700	20550	334	-45	50 M	" "	581	17687.60	20527.60	52 m	6-8 m depth.	0.46	2 m

APPROVALS

DATE Sept. 4, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

BLUE ZONE

DRILLING SUMMARY
1991

(-----PRE-DRILLING : POST DRILLING ----------)

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 410m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept. 6, 1991
DIVISION: Cordillera
DRILLING BUDGET: $18,040
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
JP	18250	20200	334	-45	50 M	STEP OUT	582	18259.30	20185.10	50 m	26-28 m depth.	1.37	2 m
JO	18250	20225	334	-45	40 M	" "	583	18256.50	20214.00	40 m	6-8 m depth. 18-20 m depth.	1.16 1.16	2 m 2 m
JQ	18250	20175	334	-45	70 M	" "	584	18259.30	20156.20	70 m	44-48 m depth.	1.14	4 m
JR	18775	20340	334	-45	50 M	TRENCH GEOCHEM	585	18775.30	20335.50	50 m	No Significant Results		
JS	18775	20315	334	-45	50 M	" "	586	18776.60	20308.70	50 m	No Significant Results		
LQ	19010	20400	334	-45	50 m	" "	632	19016.20	20402.90	44 m	No Sig. Results		
LR	19010	20270	334	-45	50 m	" "	669	19017.50	20264.40	46 m	2-22m incl. 16-18	0.47 1.1	20 m 2 m
LS	19010	20240	334	-45	50 m	" "	671	19016.60	20240.50	50 m	22-28m	0.66	6 m

APPROVALS

DATE Sept. 4, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF HOLES COMPLETED
TOTAL METERAGE COMPLETED
TOTAL DRILL COST

GOLDEN

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 295m
CONTRACTOR: Midnight Sun

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $12,980
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
KA	21457	19800	334	-45	50 M	STEP OUT	587	21458.70	19795.00	50 m	4-18 m depth. Includes: 2.05g/6m @ 4-10m	1.3	14 m
KB	21457	19665	334	-45	50 M	" "	588	21455.80	19664.10	50 m	No significant results.		
JZ	21457	19825	334	-45	50 M	" "	589	21458.90	19824.80	65 m	No significant results.		
KE	21575	19700	334	-45	35 m	INFILL	592	21568.70	19703.50	50 m	22-28 m depth.	2.08	6 m
KH	21740	19878	334	-50	40 m	" "	593	21745.40	19877.80	50 m	8-26 m depth.	2.3	18 m
KF	21710	19880	224	-50	45 m	" "	594	21714.00	19882.10	50 m	10-28 m depth.	3.06	18 m
KG	21710	19860	224	-50	40 m	" "	595	21712.30	19859.50	50 m	18-24 m depth.	1.13	6 m
KJ	21740	19782	334	-50	60 m	" "	596	21738.90	19779.20	50 m	10-14 m depth. 18-20 m depth. 22-30 m depth.	1.45 1.18 1.33	4 m 2 m 8 m
KI	21740	19851	334	-50	30 m	" "	597	21742.60	19848.40	60 m	30-36 m depth.	1.92	6 m
KK	21740	19762	334	-50	45 m	" "	601	21737.60	19749.40	52 m	4-26 m depth. Includes 7.82g/4m at 6-10 m depth.	2.44	22 m
KO	21925	19900	334	-50	30 m	" "	606	21928.10	19903.70	40 m	2-16 m depth.	1.23	14 m
KP	21925	19875	334	-50	40 m	" "	607	21929.7	19872.9	40 m	16-40 m depth. Includes: 9.16g/10m at 24-34 m depth.	4.46	24 m
KQ	21950	19840	334	-45	50 m	STEP OUT	608	21946.20	19841.90	50 m	26-28 m depth. 38-44 m depth.	1.99 1.86	2 m 6 m

APPROVALS

DATE Sept. 9, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF HOLES COMPLETED
TOTAL METERAGE COMPLETED
TOTAL DRILL C$

S. GOLDEN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 705m
CONTRACTOR: Midnight Sun

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $31,020
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
KM	21850	19525	334	-60	60 M	IN FILL	590	21850.30	19521.00	60 m	22-24 m depth.	1.18	2 m
											28-30 m depth.	1.2	2 m
											32-34 m depth.	1.4	2 m
											40-46 m depth.	2.39	6 m
											50-52 m depth.	1.12	2 m
KL	21850	19550		-90	35 M	" "	591	21851.10	19552.50	0 m	24-30 m depth.	2.67	6 m
JU	21600	19560	334	-45	50 M	STEP OUT	598	21599.90	19561.30	50 m	38-50 m depth.	2.26	12 m
JV	21550	19585	334	-45	50 M	" "	599	21547.10	19579.20	50 m	40-48 m depth.	1.53	8 m
KN	21850	19500	334	-60	60 M	IN FILL	600	21849.80	19492.50	46 m	18-22 m depth.	2.05	4 m
JT	21650	19605	334	-45	50 M	STEP OUT	602	21654.10	19606.60	50 m	10-12 m depth.	1.11	2 m
JY	21510	19580	334	-45	50 M	" "	603	21505.10	19582.90	70 m	50-60 m depth.	1.92	10 m
JX	21510	19605	334	-45	50 M	" "	604	21505.80	19610.20	58 m	46-48 m depth.	1.06	2 m
											50-52 m depth.	1.15	2 m
JW	21510	19630	334	-45	50 M	" "	605	21506.90	19634.90	52 m	No significant results.		
KC	21457	19640	334	-45	50 M	" "			..		NOT DRILLED		
KD	21457	19615	334	-45	50 M	" "					NOT DRILLED		

APPROVALS

DATE Updated Sept. 9/91

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

GOLDEN ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING | POST DRILLING ----------> DRILLING TYPE:

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 150m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept. 20/91
DIVISION: Cordillera
DRILLING BUDGET: $6,600
EST. COST/M $44/m

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g tonne)	ASSAY WIDTH
KR	21950	19810	334	-45	50 m	STEP OUT	609	21946.0	19811.8	52 m	No significant results.		
KU	21950	19720	334	-45	50 m	" "	610	21942.9	19732.6	50 m	No significant results.		
KS	21950	19780	334	-45	50 m	" "	611	21945.50	19787.90	50 m	No significant results.		
KV	22150	19970	334	-45	50 m	" "	612	22137.50	19980.20	50 m	No Sig. Results		
MX	21555	19725		-90	40 m	" "					NOT DRILLED		
MY	21555	19675		-90	40 m	" "	653	19680.70	21556.20	40 m	14-30	0.6	16 m

APPROVALS

DATE Sept. 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

LUCKY ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING : POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 300m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept. 20/91
DIVISION: Cordillera
DRILLING BUDGET: $13,200
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
KW	22975	19925	334	-45	50 m	STEP OUT	613	22928.4	19851.0	50 m	14-16	1.32	2 m
											30-36	1.96	6 m
											incl. 30-32	4.09	2 m
KX	22975	19925	334	-45	50 m	" "	614	22985.9	19890.6	60 m	No Sig. Results		
KY	22975	19875	334	-45	50 m	" "	615	22984.0	19850.4	60 m	No Sig. Results		
KZ	22975	19825	334	-45	50 m	" "	616	22987.1	19806.4	34 m	12-16	1.19	4 m
LA	22880	19750	334	-45	50 m	" "	620	22926.7	19456.9	64 m	No Sig. Results		
LB	22880	19450	334	-45	50 m	" "							

APPROVALS

DATE Sept. 15/91

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

BOHEMIAN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING : POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 450m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept. 20/91
DIVISION: Cordillera
DRILLING BUDGET: $19,800
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	(NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
LC	23150	19350	334	-45	50 m	TRENCH GEOCHEM	618	23147.9	19346.0	50 m	38-44	1.18	6 m
LD	23400	19350	334	-45	50 m	" "	623	23417.9	19354.6	58 m	28-32	1.96	4 m
LE	23400	19325	334	-45	50 m	" "	619	23418.4	19338.4	58 m	2-10	1.02	8 m
LF	23400	19300	334	-45	50 m	" "	621	23418.0	19311.0	70 m	20-66	0.59	46 m
											incl. 20-22	1.06	2 m
											48-54	1.12	6 m
LG	23400	19275	334	-45	50 m	" "	622	23420.2	19258.6	52 m	No Sig. Results		
LH	23150	19375	334	-45	50 m	" "	617	23146.1	1937[illegible].8	50 m	14-20	0.61	6 m
											38-46	0.69	8 m
NA	23400	17755	334	-45	50 m	" "	648	23406.2	17758.9	50 m	22-30	2.46	8 m
NB	23400	17730	334	-45	50 m	" "	649	23405.8	17728.0	52 m	2-52	1.19	50 m
											incl. 4-8	6.96	4 m
											16-20	2.11	4 m
											24-32	1.93	8 m
											50-52	1.59	2 m
NC	23300	17665	334	-45	50 m	" "	650	23309.2	17667.5	58 m	No Sig. Results		

APPROVALS

DATE Sept. 15/91

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

PACIFIC ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 400m
CONTRACTOR: Midnight Sun

STARTING DATE: Sept 20/91
DIVISION: Cordillera
DRILLING BUDGET: $17,600
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
LI	16265	21710	334	-45	50 m	TRENCH GEOCHEM	625	16271.1	21711.6	50 m	No Sig. Results		
LJ	16265	21735	334	-45	50 m	" "	624	16271.0	21743.1	54 m	No Sig. Results		
LK	16265	21810	334	-45	50 m	" "	627	16271.4	21820.7	50 m	No Sig. Results		
LL	16625	21835	334	-45	50 m	" "	626	16270.5	21848.4	52 m	14-16	1.08	2 m
LM	16265	21860	334	-45	50 m	" "	628	16268.9	21874.1	52 m	No Sig. Results		
LN	17850	20470	334	-45	50 m	" "	629	17847.2	20467.1	70 m	16-22	0.76	6 m
LO	17850	20445	334	-45	50 m	" "	630	17848.4	20441.3	52 m	2-36	1.68	34 m
LP	17850	20420	334	-45	50 m	" "	631	17848.2	20413.0	52 m	2-34	1.63	32 m

APPROVALS

DATE Sept. 15/91

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

CANADIAN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 600m
CONTRACTOR: Midnight Sun

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $26,400
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
LT	19380	20160	334	-45	40 m	TRENCH GEOCHEM					NOT DRILLED		
LU	19380	20130	334	-45	40 m	" "	633	19361.9	20138.9	40m	No Sig. Results		
LV	19380	20100	334	-45	40 m	" "	634	19360.0	20113.7	40m	No Sig. Results		
LW	19380	20070	334	-45	40 m	" "	635	19359.8	20085.1	40m	2-8	1.18	6m
LX	19460	20155	334	-45	40 m	INFILL	636	19461.8	20151.7	52m	10-16	0.62	6m
LY	19515	20127	334	-45	40 m	" "	637	19514.9	20126.6	58m	2-26	1.51	24m
LZ	19515	20150	334	-45	40 m	" "	638	19515.4	20149.7	52m	2-18 incl. 2-10	1.72 2.62	16m 8m
MA	19575	20120	334	-45	40 m	" "	639	19578.8	20116.0	52m	6-12	0.6	6m
MB	19575	20093	334	-45	40 m	" "	640	19579.2	20092.7	50m	2-26 incl. 2-8 24-26	1.75 2.62 6.28	24m 6m 2m
MC	19575	20018	334	-45	40 m	" "	641	19574.5	20018.4	40m	14-30	0.647	16m
MD	19600	20110	334	-45	40 m	" "	642	19603.0	20106.5	50m	2-16	0.569	14m
ME	19605	19983	334	-45	40 m	" "	644	19603.4	19985.9	44m	2-38 incl. 22-32 12-16	1.14 1.76 3.19	36m 10m 4m
MF	19605	19959	334	-45	40 m	" "	643	19604.4	19959.2	46m	2-24	0.611	22m
MG	19770	19953		-90	40 m	" "	645	19771.6	19968.6	40m	4-12	0.44	8m
MH	19770	19967		-90	40 m	" "	646	19775.6	19956.2	40m	14-22	0.613	8m

APPROVALS

DATE Sept. 24/91

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

DRILLING SUMMARY
1991

SOUTH GOLDEN ZONE

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 170 m
CONTRACTOR: Midnight Sun

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $7,480
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
MV	21460	19645	334	-45	50 m	STEP OUT	656	21456.6	19634.3	50m	30-36	0.63	6m
MW	21460	19620	334	-45	50 m	" "	655	21457.0	19606.5	50m	No Sig. Results		
MZ	21600	19535	334	-45	70 m	" "	670	21601.0	19533.0	70m	68-70	2.51	2m

APPROVALS

DATE Oct. 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

KOKANEE ZONE

DRILLING SUMMARY 1991

<-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 530m
CONTRACTOR: Midnight Sun

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $23,320
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
MI	20710	19956	334	-60	30 m	INFILL	661	20713.3	19958.1	30m	12-16	1.99	4m
MJ	20710	19908	334	-60	40 m	" "	663	20706.9	19909.7	40m	6-24 incl. 14-22	1.26 2.09	18m 8m
MK	20710	19878	334	-65	50 m	" "	664	20708.3	19883.7	50m	30-34		
ML	20820	19997	334	-45	30 m	" "	647	20819	19995.6	28m	2-22 incl. 10-20 12-16	4.22 8.68 12.59	20m 10m 4m
MM	20840	20002	334	-45	30 m	" "	662	20842.8	20003.9	30m	14-24 incl. 20-22	5.3 21.1	10m 2m
MN	20900	19992	334	-50	30 m	" "	659	20901.6	19996.9	30m	2-12 incl. 4-10	6.38 9.4	10m 6m
MO	20900	19972	334	-50	40 m	" "	657	20901.6	19977.8	40m	8-26 incl. 14-18 18-20	2.34 3.14 5.39	18m 4m 4m
MP	20930	19985	334	-45	30 m	" "	660	20926.9	19986.9	30m	6-22 incl. 12-14 18-20	1.66 3.66 3.56	16m 2m 2m
MQ	21095	19925	335	-45	40 m	" "	658	21094.8	19877.2	50m	No Sig. Results		
MR	21095	19900	334	-45	60 m	" "	665	21093.7	19902.9	40m	20-24	4.62	4m
MS	21375	19750	334	-45	50 m	STEP OUT	654	21365.4	19725.1	46m	4-10	1.32	6m
MT	21375	19725	334	-45	50 m	" "	652	21366.3	19696.2	50m	26-32 incl. 28-30	5.21 10.66	6m 2m
MU	21375	19700	334	-45	50 m	" "	651	21365.3	19668.9	50m	42-48	1.94	6m

APPROVALS

DATE Update Oct/7/1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL C?

CLASSIC ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING : POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 150m
CONTRACTOR: Midnight Sun

STARTING DATE: Oct. 13, 1991
DIVISION: Cordillera
DRILLING BUDGET: $6,600
EST. COST/M $44/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
ND	18900	16890	334	-45	50 m	TRENCH	667	18910.2	16870.5	50m	2-50	0.54	48m
											incl. 16-18	1.06	2m
											24-26	3.19	2m
NE	18900	16915	334	-45	50 m	GEOCHEM " "	668	18910.4	16887.4	50m	2-50	0.4	48m
NF	18750	17180		-90	50 m	" "	666	18758.1	17174.1	50m	10-50	0.53	40m
											incl. 14-22	1.03	8m
											34-36	1.09	2m

APPROVALS

DATE Oct. 12, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE : Oct. 31/91
TOTAL NO. OF HOLES COMPLETED : 348
TOTAL METERAGE COMPLETED : 18,016
TOTAL DRILL COST : $834,970.23 / Cost per metre $46.00

APPENDIX II

DIAMOND COLLAR CO-ORDINATES & SIGNIFICANT RESULTS

BLUE ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 380 m
CONTRACTOR: Caron

STARTING DATE: 26/08/91
DIVISION: Cordillera
DRILLING BUDGET: $41,800
EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH-91 A	18471	20255		-90	50 m	TWIN RC328	26	18473.50	20255.20	61m	6-26m depth. 32-42m depth. 48-50m depth.	2.39 10.87 1.36	20m 10m 2m
DDH-91 B	18470	20254	334	-45	30 m	TWIN RC456	27	18473.40	20257.30	29.57	8-20m depth. 22-29.57m depth.	2.74 3.83	22 m 7.57m
DDH-91 C	18473	20227		-90	50 m	TWIN RC329	28	18477.70	20230.20	63.4m	2.44-60m depth. Includes: 4.88g/5.56m at 2.44-8m depth, 2.76g/4m at 16-20m depth, 2.22g/22m at 24-46m depth, 1.07g/4m at 54-58m depth.	1.7	57.56m
DDH-91 D	18475	20233	334	-45	50 m	TWIN RC461	29	18477.70	20232.20	51.82	6-50m depth. Includes: 6.23g/34m at	7.35 7.47	2 m 28 m
DDH-91 E	18472	20199		-90	50 m	TWIN RC325	30	18474.30	20202.40	56.08	34-48 m depth. Includes: 5.64g/6m @ 34-40m 3.57g/6m @ 42-46m	2.72	20 m
DDH-91 F	18473	20205	334	-45	50 m	TWIN RC462	31	18474.30	20204.00	50.27	20-40 m depth. Includes: 3.31g/6m at 24-30m depth.	1.87	20 m
DDH-91 G	18420	20235		-90	40 m	TWIN RC247	32	18419.00	20235.00	39.62	6.10-26m depth. Includes: 6.46g/6m at 36-39.62m depth.	2.88 4.28	19.9 m 3.62m
DDH-91 H	18417	20209	334	-45	60 m	TWIN RC454	33	18415.20	20210.80	56.39	8-48 m depth. 26-48m depth.	1.87 2.75	40 m 22 m

APPROVALS

DATE September 4, 1991

PROJECT GEOL. R. Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF S COMPLETED
TOTAL METERA MPLETED
TOTAL DRILL COST

FOSTERS ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING POST DRILLING ----------

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 100 m
CONTRACTOR: Caron

STARTING DATE: 26/08/91
DIVISION: Cordillera
DRILLING BUDGET: $11,00
EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH-91 I	20152	19982	334	-45	30 m	TWINS 466	34	20153.40	19980.50	27.43	12-20 m depth. Includes: 2.81g/2m at 16-18 m depth.	1.23	8 m
DDH-91 J	20149	19977		-90	30 m	TWINS 372	35	20153.40	19978.50	34.75	24-30 m depth.	2.84	6 m
DDH-91 K	20151	19956	334	-45	40 m	TWINS 463	36	20150.00	19958.20	36.58	Anomalous values include:		
											14-22 m depth.	0.7	8 m
											28-34 m depth.	0.59	6 m

APPROVALS

DATE August 27,1991

PROJECT GEOL R. Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF [illegible]S COMPLETED
TOTAL METERA[illegible]OMPLETED
TOTAL DRILL COST

KOKANEE ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 350m
CONTRACTOR: Caron

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $38,500
EST. COST/M $110/m

DRILLING TYPE: DIAMOND DRILLING (HQ)

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH 91-L	20750	19893	334	-45	30 m	TWINS 472	37	20753.80	19893.30	25.9	2.44-22 m depth. Includes: 5.27g/4m at 6-10m 10.68g/4m at 14-18 m depth.	4.39	19.56m
DDH 91-M	20750	19893		-90	30 m	TWINS 255	38	20753.80	19891.80	26.2	4-24 m depth. Includes: 11.76g/4m at 10-14m, 5.97g/2m at 22-24 m depth.	3.85	20 m
DDH 91-N	20750	19865	334	-45	30 m	TWINS 473	39	20755.80	19864.10	32.92	14-28 m depth. Includes: 8.34g/6m at 16-22m depth.	5.05	14 m
DDH 91-O	20750	19865		-90	30 m	TWINS 474	40	20755.80	19862.60	39.62	18-39.62 m depth. Includes: 4.63g/4m at 18-22m, 3.89g/6m at 28-34m, 3.59g/ 3.62m @ 36-39.62m	2.67	21.62m
DDH 91-P	21066	19813		-90	40 m	TWINS 139	41	21064.70	19811.20	40.23	4.88-38m depth. Includes: 5.38g/2m @ 14-16m 4.91g/8m @ 28-36m	2.75	33.12m
DDH 91-Q	21177	19959		-90	20 m	TWINS 140	42	21177.70	19958.40	25.91	10-20m depth. Includes: 14.69g/6m at 10-16m depth.	9	10 m
DDH 91-R	21177	19917	334	-45	60 m	TWINS 479	43	21176.30	19917.60	62.18	40-44 m depth. Includes: 5.91g/2m @ 42-44m	3.15	4 m
DDH 91-S	21177	19931		-90	50 m	TWINS 141	44	21179.50	19930.50	50.29	34-46 m depth. Includes: 5.31g/4m @40-44m	2.57	12 m

APPROVALS

DATE September 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF S COMPLETED
TOTAL METERA MPLETED
TOTAL DRILL COST

DRILLING SUMMARY
1991

<-----PRE-DRILLING | POST DRILLING ----------

PROJECT: Brewery Creek | STARTING DATE:
DISTRICT: N. Cord. | DIVISION: Cordillera
TOTAL METERAGE: 180m | DRILLING BUDGET: $19,800
CONTRACTOR: CARON | EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH 91-T	21228	19957	334	-45	60 m	TWINS 485	45	21229.80	19954.40	57.76	30-40 m depth. Includes: 6.45g/6m @ 34-40m	4.29	10 m
DDH 91-U	21228	19957		-90	60 m	TWINS 278	46	21229.80	19953.00	60.96	Assays Pending		
DDH 91-V	21228	19931		-90	60 m	TWINS 279	47	21230.60	19932.30	59.50	Assays Pending		
DDH 91-W	21228	19912	334	-45	60 m	TWINS 480	48	21228.20	19913.10	68.28	3.66-4.0 m depth.	1.84	0.34 m
											10-12 m depth.	1.1	2 m
											34-44 m depth, Includes: 2.50/2m at 36-42 m depth.	1.84	10 m
											54-64 m depth, Includes: 7.38g/4m at 54-58 m depth.	3.22	10 m

APPROVALS

DATE Sept. 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

S. Golden Zone

DRILLING SUMMARY
1991

<-----PRE-DRILLING POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 170m
CONTRACTOR: CARON

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $18,700
EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEP m	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH 91-X	21811	19559		-90	30 m	TWINS 283	49	19559.7	21811.6	31.09	8-26 m depth. Includes: 2.42g/4m at 20-24m depth. 30-31.09 m depth.	1.21 1.08	8 m 1.09 m
DDH 91-Y	21810	19535		-90	70 m	TWINS 284	50	21811.2	19533.6	67.36	44-64m incl. 50-52 56-58	1.86 5.74 3.14	20m 2m 2m
DDH 91-Z	21812	19508		-90	70 m	TWINS 499	51	21813.5	19512.2	76.2	56-76.2m incl. 56-60m 68-74m	2.99 5.42 4.4	20.2m 4.0m 6.0m

APPROVALS DATE

PROJECT GEOL
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE :
TOTAL NO. OF HOLES COMPLETED :
TOTAL METERAGE COMPLETED :
TOTAL DRILL COST :

GOLDEN ZONE

DRILLING SUMMARY
1991

<-----PRE-DRILLING : POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 200m
CONTRACTOR: CARON

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $22,000
EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH-91 AA	21597	199744		-90	40 m	TWINS 159	52	21598.0	19742.2	37.03	10-28m	2.56	18m
											incl. 16-20m	7.74	4m
DDH-91 AB	21598	19723		-90	40 m	TWINS 160	53	21599.8	19723.6	44.81	14-24m	1.53	10m
											incl. 14-16m	3.24	2m
											34-40	1.12	6m
DDH-91 AC	21765	19765		-90	40 m	TWINS 75	54	21766.2	19764.8	36.75	4.28-14m	2.59	9.72m
											incl. 6-10m	4.58	4.0m
DDH-91 AD	21766	19781		-90	40 m	TWINS 74	55	21766.4	19781.2	41.76	14-36m	3.84	22m
											incl 16-26m	4.73	10m
											32-34m	14.22	2m
DDH-91 AE	21765	19802		-90	40 m	TWINS 73	56	21766.3	19801.0	38.71	4.27-18m	1.81	13.73m
											incl. 10-14m	4.58	4m
											24-36m	1.15	12m
											incl. 30-32m	3.22	2m

APPROVALS

DATE Sept. 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE
TOTAL NO. OF HOLES COMPLETED
TOTAL METERAGE COMPLETED
TOTAL DRILL COST

LUCKY ZONE

DRILLING SUMMARY
1991

-----PRE-DRILLING | POST DRILLING ---------->

PROJECT: Brewery Creek
DISTRICT: N. Cord.
TOTAL METERAGE: 202m
CONTRACTOR: CARON

STARTING DATE:
DIVISION: Cordillera
DRILLING BUDGET: $22,220
EST. COST/M $110/m

DRILLING TYPE:

HOLE NO.	DEPARTURE (EASTING)	LATITUDE (NORTHING)	AZ	ANGLE	EST. DEPTH	TARGET	HOLE #	SURVEYED CO-ORD. (EASTING)	SURVEYED CO-ORD. (NORTHING)	FINAL DEPTH	INTERVAL	SIG. ASSAY (g/tonne)	ASSAY WIDTH
DDH-91 AF	22843	19898		-90	50 m	TWINS 210	57	22841.1	19894.2	56.38	34-42m	0.6	8m
											48-54m	0.8	6m
											incl. 52-54m	1.66	2m
DDH-91 AG	22839	19873		-90	76 m	TWINS 211	58	22839.6	19870.6	77.42	3.66-62m	0.88	58.34m
											incl. 3.66-4m	2.06	.34m
											26-30m	1.44	4m
											34-50m	1.62	16m
											70-72m	1.04	2m
DDH-91 AH	22839	19848		-90	76 m	TWINS 212	59	22837.5	19845.8	80.77	24-54m	1.06	30m
											incl 30-32m	10.35	2m
											58-60m	1.16	2m

APPROVALS

DATE Sept. 7, 1991

PROJECT GEOL Rick Diment
DISTRICT GEOL
DIV. MGR
RGN. MGR

COMPILATION MAP ETC. RECEIVED:
PROJECT COMPLETION DATE : October 8, 1991
TOTAL NO. OF HOLES COMPLETED : 34
TOTAL METERAGE COMPLETED : 1644.9 metres
TOTAL DRILL COST : $206,248.90 / Cost per metre $125.00

VOLUME II

BREWERY CREEK PROJECT

1991 GEOCHEMICAL ANALYSIS CERTIFICATES

Dawson Mining District
NTS: 116 B/1
Latitude: 64°03'
Longitude: 138°15'

093027

RVC
DRILLING



093027

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9105-017 File # 91-1452 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
022751	4	31	39	342	.2	40	13	252	3.18	568	5	ND	5	31	1.5	111	2	13	.15	.017	8	48	.08	389	.01	12	.60	.01	.21	1	49
022752	5	39	44	332	.1	55	14	254	3.04	496	5	ND	5	41	.9	103	2	13	.10	.015	8	53	.06	446	.01	15	.70	.01	.25	1	50
022753	3	37	50	329	.2	63	17	384	3.74	529	5	ND	6	41	1.7	70	5	18	.11	.015	10	34	.08	879	.02	21	.94	.01	.36	1	35
022754	3	41	29	279	.1	64	15	374	3.56	334	5	ND	6	39	3.0	47	2	18	.10	.010	10	38	.09	745	.03	25	1.04	.01	.40	1	12
022755	3	38	31	225	.1	53	14	191	3.40	137	5	ND	6	38	1.6	31	2	17	.09	.011	10	36	.08	960	.02	21	.93	.01	.36	1	11
022756	3	37	31	274	.1	57	17	260	3.92	174	5	ND	5	40	2.0	64	3	17	.07	.020	10	35	.08	672	.02	23	1.01	.01	.38	1	37
022757	3	37	28	240	.1	43	13	169	3.60	31	5	ND	5	33	.3	22	3	14	.04	.017	9	33	.06	557	.02	19	.62	.01	.32	1	17
022758	3	47	21	193	.1	32	11	199	2.73	29	5	ND	7	41	.2	16	2	14	.06	.013	17	45	.05	501	.02	20	.84	.01	.31	1	15
022759	4	42	32	199	.1	48	17	423	3.65	2044	5	ND	7	154	2.4	29	2	20	.26	.021	28	55	.14	603	.02	17	.84	.01	.29	1	1120
022760	3	20	33	105	.4	23	9	173	3.66	3088	5	ND	11	123	.3	62	3	19	.12	.022	37	36	.07	526	.02	16	.70	.01	.33	1	990
022761	4	24	48	136	1.6	26	11	367	3.93	6033	5	4	15	249	.7	71	2	19	.63	.026	39	45	.29	388	.01	10	.60	.01	.20	1	3750
022762	2	40	31	245	.2	75	28	1001	6.36	2115	5	ND	13	105	.6	72	2	38	.26	.020	34	66	.42	787	.01	16	.89	.01	.22	1	96
022763	4	53	24	198	.2	58	17	718	3.95	298	5	ND	6	63	.7	56	2	21	.18	.017	16	65	.49	529	.01	14	.85	.01	.34	1	82
022764	2	55	30	196	.1	46	15	371	3.63	160	5	ND	4	52	.2	52	2	15	.16	.018	13	30	.31	530	.01	12	.65	.01	.30	1	14
022765	2	51	24	171	.1	39	14	340	3.55	26	5	ND	4	53	.3	43	2	15	.17	.019	8	32	.44	558	.01	12	.65	.01	.32	1	15
022766	4	53	19	192	.1	46	17	328	3.55	55	5	ND	5	48	.2	44	2	21	.13	.025	7	57	.31	656	.01	13	.72	.01	.34	1	3
022767	8	80	60	225	.6	59	15	446	4.15	2138	5	ND	13	73	2.0	741	2	32	.15	.032	40	53	.07	968	.01	12	.93	.01	.25	2	410
022768	7	163	45	113	.1	18	6	121	2.83	726	5	ND	5	61	.6	290	2	16	.14	.027	6	30	.06	545	.01	12	.62	.01	.25	1	84
022769	7	232	34	151	.1	42	14	182	4.45	624	5	ND	5	58	.2	201	2	31	.12	.039	8	40	.06	538	.01	11	.70	.01	.24	1	50
022770	8	142	32	168	.1	57	14	134	3.97	649	5	ND	4	47	.4	151	2	22	.11	.025	8	38	.06	543	.01	12	.85	.01	.24	1	64
022771	7	52	34	155	.1	43	14	80	2.99	377	5	ND	5	37	.3	82	2	16	.04	.016	9	34	.04	501	.01	13	.78	.01	.26	1	5
022772	7	32	41	71	.1	23	7	64	2.69	172	5	ND	3	34	.2	53	2	12	.06	.013	7	59	.05	464	.01	14	.61	.01	.31	1	25
022773	5	16	50	34	.1	5	2	27	2.21	31	5	ND	2	40	.2	15	2	10	.09	.012	6	50	.05	430	.01	14	.47	.01	.33	1	5
022774	8	36	55	72	.3	18	5	198	2.99	43	5	ND	3	41	.4	16	2	9	.30	.009	4	81	.12	349	.01	13	.45	.01	.27	1	6
022775	6	60	58	68	.4	24	7	146	2.64	30	5	ND	2	37	.2	21	2	8	.18	.009	4	63	.08	196	.01	12	.47	.01	.21	1	1
022776	9	31	46	56	.4	23	8	98	2.56	177	5	ND	4	40	.2	21	6	10	.12	.014	9	88	.06	315	.01	13	.45	.01	.21	1	6
022777	6	29	25	132	.1	32	11	395	2.65	442	5	ND	9	147	1.2	72	2	16	.73	.028	27	73	.42	637	.01	13	.52	.01	.20	1	11
022778	4	37	34	183	.1	38	14	752	6.18	627	5	ND	19	397	1.3	87	2	26	2.27	.044	50	47	1.21	482	.01	7	.66	.01	.22	1	8
022779	3	37	33	209	.2	46	17	783	4.33	893	5	ND	23	314	1.1	99	4	30	2.16	.080	57	46	1.14	759	.01	7	.73	.01	.26	1	13
022780	4	63	104	349	.1	82	18	615	4.10	1604	5	ND	20	172	2.1	146	2	33	1.28	.045	49	51	.72	951	.01	8	1.11	.01	.19	1	4
022781	4	49	24	229	.1	57	16	619	3.90	1215	5	ND	20	233	1.7	210	2	35	1.51	.046	49	62	.82	853	.02	8	1.03	.01	.27	1	6
022782	4	38	32	158	.1	42	14	672	3.73	629	5	ND	17	349	1.5	167	2	25	1.95	.060	43	47	1.05	549	.01	6	.65	.01	.20	1	11
022783	6	35	54	166	.9	32	11	471	2.86	690	5	ND	12	243	1.0	1422	2	46	1.32	.034	31	63	.70	339	.01	7	.58	.01	.17	1	440
022784	5	41	51	150	2.8	32	13	164	3.28	4615	5	2	4	135	.6	510	2	19	.51	.008	9	53	.27	95	.01	10	.49	.01	.23	1	4610
022785	5	36	25	137	.3	34	10	394	3.28	1500	5	ND	3	87	.6	96	2	13	.78	.011	5	68	.57	213	.01	9	.51	.01	.26	1	640
022786	3	69	31	207	.1	117	27	579	6.29	182	5	ND	7	80	1.3	50	2	56	1.02	.074	36	83	1.00	640	.03	7	1.84	.05	.24	1	38
STANDARD C/AU-R	18	61	37	130	7.1	69	33	1056	3.90	40	15	6	39	52	18.6	15	19	56	.47	.089	40	59	.86	173	.09	33	1.90	.06	.14	13	490

BCRC 91-324 Blue

BCRC 91-325 Blue

BCRC 91-326 Blue

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: ROCK PULP

DATE RECEIVED: MAY 27 1991 DATE REPORT MAILED: May 30/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

MAY-30-1991 13:48 FROM ACME ANALYTICAL TO 1-403-6676623 P.002

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
022787	1	85	9	236	.1	166	39	852	8.15	265	5	ND	8	96	1.6	139	2	91	1.19	.096	42	139	1.89	749	.03	6	3.17	.07	.29	1	22
022788	1	52	4	280	.2	193	47	761	7.92	393	5	ND	7	93	1.2	162	2	92	.84	.112	37	146	2.59	3061	.10	2	3.68	.08	.34	1	9
022789	5	55	21	241	.1	77	22	410	5.68	443	5	ND	11	58	.4	611	2	35	.36	.063	42	51	.49	745	.01	7	1.26	.02	.33	1	7
022790	2	63	25	239	.2	44	14	178	4.51	320	5	ND	10	71	.4	262	2	19	.12	.042	37	29	.12	662	.01	5	.67	.01	.23	1	35
022791	5	62	22	272	.2	63	17	215	4.80	365	5	ND	9	34	.6	200	2	23	.11	.049	34	56	.10	548	.01	6	.79	.01	.22	1	24
022792	2	92	21	317	.1	156	29	331	6.39	725	5	ND	8	67	.8	267	2	46	.32	.061	31	63	.65	708	.01	5	2.22	.03	.27	1	10
022793	3	61	37	191	.3	39	11	67	4.15	806	5	ND	7	57	.4	240	2	16	.09	.033	10	31	.06	663	.01	4	.64	.01	.23	1	41
022794	3	55	20	195	.1	41	14	117	3.69	159	5	ND	7	27	.3	156	2	12	.07	.043	7	32	.05	382	.01	7	.63	.01	.24	1	13
022795	3	29	31	137	.4	18	6	20	3.61	546	5	ND	7	31	.3	483	2	14	.02	.040	9	24	.04	324	.01	7	.58	.01	.30	1	13
022796	5	40	28	138	.7	16	6	14	4.32	1260	8	ND	7	49	.2	757	2	19	.01	.035	7	43	.04	386	.01	11	.77	.01	.43	1	860
022797	2	51	23	108	.6	18	6	4	3.42	950	5	ND	8	46	.2	289	2	17	.01	.043	9	24	.03	180	.01	9	.53	.01	.38	1	28
022798	3	67	31	59	1.8	14	4	2	2.58	3574	6	2	8	71	.2	149	2	24	.06	.016	8	48	.05	219	.01	9	.71	.01	.31	1	3110
022799	2	24	27	43	2.6	8	2	2	2.47	3935	5	3	5	37	.2	607	2	16	.01	.025	6	33	.03	284	.01	11	.55	.01	.38	2	4290
022800	4	60	28	164	.9	26	9	83	3.79	1803	6	ND	6	82	.6	133	2	23	.07	.014	11	43	.05	158	.01	8	.58	.01	.30	1	580
022801	1	67	14	249	1.0	146	28	223	4.69	6005	5	ND	5	53	.8	187	2	41	.09	.025	25	58	.32	72	.01	6	1.29	.01	.26	1	2480
022802	3	54	14	230	1.4	64	15	97	3.57	4892	5	ND	8	68	1.6	137	2	22	.09	.026	34	36	.13	119	.01	8	.97	.01	.35	1	3300
022803	2	65	28	199	.2	45	15	207	3.40	855	5	ND	6	56	.8	104	2	14	.12	.034	18	17	.18	314	.01	8	.63	.01	.26	1	260
022804	2	60	23	201	.5	48	17	278	3.96	651	7	ND	5	59	.2	106	2	15	.11	.031	5	26	.15	274	.01	8	.60	.01	.28	1	19
022805	12	18	72	82	.1	20	5	95	2.56	239	5	ND	7	41	.2	266	2	17	.10	.018	10	83	.05	456	.01	13	.60	.01	.26	1	18
022806	9	27	26	97	.4	24	6	150	3.01	212	8	ND	9	43	.2	288	2	18	.12	.024	8	33	.05	320	.01	10	.51	.01	.31	2	9
022807	11	53	24	84	.2	18	5	107	3.13	279	5	ND	8	48	.2	529	2	16	.12	.023	8	73	.05	342	.01	11	.63	.01	.31	1	12
022808	8	37	33	56	.2	10	3	25	2.64	394	5	ND	7	46	.3	600	2	15	.08	.021	8	37	.05	409	.01	11	.67	.01	.31	1	15
022809	12	10	38	29	1.0	8	2	20	1.24	189	5	ND	7	35	.2	159	2	15	.01	.011	10	124	.04	401	.01	13	.68	.01	.34	1	200
022810	6	22	35	25	.8	8	1	3	1.48	239	5	ND	6	37	.2	157	2	15	.01	.014	9	60	.03	350	.01	12	.52	.01	.30	1	240
022811	5	18	22	8	.7	5	1	2	1.36	142	6	ND	7	25	.3	25	2	11	.01	.007	8	55	.03	280	.01	13	.46	.01	.36	1	60
022812	5	275	28	50	.5	17	5	38	2.11	453	5	ND	5	43	.5	53	2	13	.01	.016	7	53	.03	239	.01	13	.62	.01	.32	1	210
022813	5	74	32	64	.4	18	5	33	2.10	289	5	ND	3	45	.2	39	2	11	.02	.014	5	47	.03	312	.01	11	.59	.01	.28	1	32
022814	4	38	32	59	.3	20	7	38	1.96	204	5	ND	5	59	.2	24	2	10	.09	.016	6	33	.05	408	.01	12	.49	.01	.27	4	47
022815	6	30	22	66	.3	26	8	62	2.58	174	5	ND	5	71	.3	12	2	12	.09	.019	6	77	.06	259	.01	12	.68	.01	.37	1	4
022816	4	58	31	53	.2	19	5	32	2.30	109	5	ND	6	42	.2	14	2	10	.08	.015	6	34	.05	279	.01	10	.48	.01	.26	1	7
022817	7	81	35	50	.4	12	3	14	2.08	116	5	ND	6	30	.2	41	5	16	.01	.011	8	79	.04	314	.01	15	.66	.01	.45	1	15
022818	8	58	36	93	.4	27	9	26	2.64	292	9	ND	6	37	.5	22	2	13	.08	.010	7	83	.05	175	.01	13	.75	.01	.35	1	68
022819	18	25	22	113	.2	33	4	154	2.66	342	5	ND	4	43	.1	69	2	36	.08	.030	7	114	.04	397	.01	11	.55	.01	.23	1	73
022820	7	33	41	131	.2	21	4	190	2.78	651	5	ND	4	61	.4	37	2	27	.14	.022	6	44	.05	605	.01	11	.61	.01	.28	1	260
022821	10	19	31	130	.5	27	4	254	2.26	564	5	ND	5	52	.7	40	7	25	.14	.015	6	48	.05	484	.01	11	.65	.01	.27	1	220
022822	7	58	22	169	1.5	87	26	801	4.54	1652	5	3	5	61	1.3	720	4	48	.13	.027	12	61	.25	599	.01	10	1.38	.01	.25	1	2580
STANDARD C/AU-R	18	56	35	132	7.2	73	33	1081	4.01	38	19	6	39	52	18.6	15	17	56	.48	.090	38	58	.86	180	.09	32	1.97	.06	.14	13	520

BCRC 91-326 Blue

BCRC 91-327 Blue

BCRC 91-328 Blue

MAY-30-1991 13:49 FROM ACME ANALYTICAL TO 1-403-6766231 P.003

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
022823	6	47	30	72	2.0	17	5	71	1.97	818	5	2	6	53	2	601	2	30	.03	.010	12	51	.05	858	.01	9	.58	.01	.15	1	3080
022824	5	44	36	100	3.7	32	8	42	3.30	2519	5	5	8	149	2	1176	2	27	.07	.015	29	49	.06	453	.01	10	.69	.01	.24	1	9380
022825	6	117	31	286	4.2	171	35	658	7.44	2947	5	2	7	112	7	758	2	37	.25	.021	19	65	.09	641	.01	10	1.08	.01	.20	3	2110
022826	2	58	22	191	1.3	121	31	838	6.35	5506	5	4	7	356	6	302	2	37	1.26	.020	18	65	.56	342	.01	8	.88	.01	.19	2	5010
022827	4	57	22	164	3.4	64	17	423	4.29	6634	5	7	6	506	7	983	2	26	1.10	.012	23	33	.57	269	.01	11	.60	.01	.21	2	9840
022828	5	32	31	101	3.8	24	8	81	2.23	3603	8	3	8	134	2	164	5	21	.22	.014	23	38	.13	336	.01	12	.68	.01	.31	1	4700
022829	1	72	32	141	1.6	22	8	60	3.05	3070	6	2	6	243	2	168	2	20	.16	.011	8	18	.09	182	.01	8	.67	.01	.26	1	2780
022830	2	55	33	216	1.5	73	15	152	2.81	1214	5	ND	5	99	5	105	2	17	.11	.020	6	16	.08	273	.01	8	.87	.01	.24	2	230
022831	2	51	31	161	2.0	57	13	164	3.31	2764	5	ND	4	143	2	72	2	12	.15	.016	5	11	.12	181	.01	8	.80	.01	.23	1	1480
022832	2	49	31	191	2.3	46	12	180	3.54	1421	5	ND	5	103	2	102	2	12	.24	.034	5	10	.22	226	.01	9	.65	.01	.23	1	370
022833	1	43	32	113	2.8	27	12	151	3.15	5553	5	5	4	240	2	103	2	14	.47	.012	4	15	.28	125	.01	11	.50	.01	.24	2	9080
022834	2	36	23	99	5.0	30	13	266	3.08	7396	5	10	3	322	2	1367	2	19	.81	.008	5	26	.44	70	.01	10	.51	.01	.23	2	15560
022835	2	43	20	151	4.0	26	11	341	2.68	6502	5	9	5	272	2	442	2	15	1.14	.008	5	28	.53	151	.01	8	.42	.01	.21	2	13680
022836	2	47	32	98	2.0	23	10	125	3.11	4609	5	3	5	170	3	169	2	13	.45	.020	7	31	.23	98	.01	12	.60	.01	.27	1	6600
022837	2	58	22	69	4.1	36	12	715	2.98	3014	5	3	2	405	6	17641	2	46	4.35	.018	16	100	1.85	60	.01	5	.37	.01	.09	1	4190
022838	4	30	33	74	1.3	29	6	172	2.85	4588	5	23	7	91	7	4746	2	36	.24	.018	16	48	.07	590	.01	10	.62	.01	.21	1	21020
022839	9	88	37	269	1.9	87	25	928	5.28	3188	5	2	12	103	1.3	1307	3	41	.17	.026	32	60	.06	840	.01	8	.75	.01	.19	1	1820
022840	7	37	38	250	1.5	66	23	958	4.74	1288	5	ND	20	67	1.5	383	4	28	.21	.044	59	35	.05	709	.01	10	.61	.01	.16	1	350
022841	5	35	33	272	1.3	60	21	430	4.93	937	5	ND	23	82	.9	227	2	28	.28	.069	65	38	.07	805	.01	9	.70	.01	.18	1	180
022842	5	29	42	257	1.3	68	16	441	4.46	1784	5	ND	21	83	1.2	338	2	26	.27	.048	57	30	.11	813	.01	5	.79	.01	.15	1	290
022843	5	45	74	262	1.8	65	20	1030	4.93	2232	5	2	23	113	1.5	175	5	28	.33	.072	59	40	.12	529	.01	9	.60	.01	.20	1	1220
022844	8	35	79	260	1.1	50	17	1106	4.79	4596	5	3	21	180	1.0	154	3	25	.64	.069	55	49	.21	329	.01	6	.58	.01	.22	1	2510
022845	10	23	27	72	1.3	27	7	88	2.51	1681	5	ND	9	64	.2	228	3	11	.13	.017	22	31	.05	641	.01	8	.41	.01	.15	1	1830
022846	14	27	34	95	1.7	34	11	73	3.24	1432	5	ND	8	59	.2	193	10	11	.13	.016	10	19	.05	396	.01	10	.46	.01	.24	2	270
022847	6	59	24	136	.9	49	15	125	3.60	1275	5	ND	8	52	.2	101	2	10	.11	.011	9	19	.05	342	.01	10	.56	.01	.23	1	450
022848	1	38	29	130	1.5	43	13	89	3.22	2263	5	ND	4	109	.4	57	2	9	.22	.008	7	29	.11	78	.01	10	.56	.01	.21	1	2100
022849	2	43	29	151	.8	40	15	190	3.72	1696	5	ND	5	148	.6	56	5	11	.35	.006	6	28	.19	80	.01	9	.51	.01	.22	1	590
022850	2	42	35	100	.8	26	8	12	3.21	1219	5	ND	4	172	.2	100	2	14	.11	.010	7	18	.06	123	.01	7	.58	.01	.25	1	410
022851	1	59	22	135	1.3	122	23	467	4.39	2136	5	ND	4	293	.8	130	2	23	1.49	.017	9	38	1.02	143	.01	6	.82	.01	.19	1	1550
022852	2	54	31	119	1.2	48	11	226	2.61	1228	5	ND	5	202	.6	61	11	12	.66	.017	10	21	.33	167	.01	9	.75	.01	.23	1	840
022853	2	60	19	120	1.3	46	13	262	2.97	4349	5	3	5	193	.9	49	8	13	.82	.016	5	24	.31	168	.01	9	.68	.01	.25	1	6030
022854	4	146	33	180	.4	56	13	273	3.45	716	5	ND	7	44	.9	140	4	14	.13	.017	10	23	.06	550	.01	8	.73	.01	.21	1	220
022855	3	88	24	209	.3	62	13	315	3.09	554	5	ND	8	42	2.8	114	5	14	.12	.017	10	22	.07	466	.01	9	.75	.01	.22	1	110
022856	4	58	34	242	.4	77	18	381	3.46	668	5	ND	7	43	4.4	115	3	15	.12	.015	9	19	.06	461	.01	10	.87	.01	.21	1	130
022857	5	48	62	281	.6	70	18	306	3.42	639	5	ND	8	42	4.9	109	6	16	.11	.014	10	23	.06	452	.01	9	.82	.01	.23	1	130
022858	5	48	29	251	.5	58	15	114	3.42	309	5	ND	7	37	2.4	59	6	13	.04	.014	9	27	.04	818	.01	9	.85	.01	.24	1	85
STANDARD C/AU-R	18	56	38	130	6.8	70	31	1024	3.94	38	15	6	39	54	18.3	15	18	56	.48	.091	38	57	.87	174	.09	31	1.90	.06	.15	13	480

BORC 90-328 Blue.

BORC 91-329 Blue

BORC 91-330 Blue.

MAY-30-1991 13:51 FROM ACME ANALYTICAL TO 1-403-667622 P.004

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
22859	3	33	24	134	.1	30	11	85	2.94	116	5	ND	6	38	1.1	37	2	11	.06	.013	7	16	.04	816	.01	9	.52	.01	.20	1	71
22860	3	30	32	141	.1	26	11	166	3.45	36	11	ND	8	37	.6	18	2	13	.07	.008	8	25	.05	464	.01	10	.51	.01	.25	2	48
22861	3	43	29	192	.1	39	16	203	3.06	38	5	ND	8	40	2.0	31	2	10	.08	.013	9	34	.05	447	.01	10	.56	.01	.23	1	29
22862	3	32	14	184	.1	40	15	250	3.29	46	5	ND	6	36	1.9	24	2	8	.07	.011	8	46	.07	444	.01	9	.43	.01	.19	1	46
22863	3	31	18	165	.1	39	15	318	3.35	91	5	ND	6	52	.6	22	2	8	.28	.019	8	35	.20	509	.01	10	.42	.01	.20	1	28
22864	2	46	29	180	.1	37	15	365	3.02	99	5	ND	7	54	.6	49	2	10	.21	.022	9	28	.19	698	.01	8	.48	.01	.24	1	54
22865	5	34	20	114	.1	36	14	436	3.73	115	5	ND	7	43	.6	34	2	10	.13	.014	9	59	.19	872	.01	11	.46	.01	.23	2	50
22866	4	39	17	118	.1	42	15	394	3.73	327	5	ND	6	46	.3	30	2	51	.19	.015	8	47	.23	611	.01	9	.46	.01	.21	1	18
22867	6	39	47	122	.2	43	14	177	3.25	436	5	ND	5	53	.8	94	2	41	.17	.012	8	65	.08	561	.01	10	.53	.01	.19	1	72
22868	6	35	28	108	.1	33	10	305	2.93	175	5	ND	4	74	.3	28	2	22	.58	.014	5	74	.41	501	.01	8	.41	.01	.19	1	17
22869	3	56	38	140	.1	41	14	165	3.46	594	5	ND	4	78	.5	54	2	14	.24	.011	5	35	.38	159	.01	9	.53	.01	.29	1	66
22870	3	53	33	136	.4	41	14	79	3.45	2645	5	2	4	46	.3	104	2	14	.12	.008	5	37	.16	80	.01	9	.56	.01	.31	1	2660
22871	3	62	36	118	.1	33	12	102	3.37	2141	5	ND	8	47	.5	1209	2	16	.10	.009	21	26	.11	76	.01	7	.44	.01	.22	1	1340
22872	4	62	60	129	5.5	31	13	195	3.35	1109	5	ND	1	51	1.8	25520	2	26	.07	.015	26	51	.07	27	.01	8	.50	.01	.12	2	1270
22873	2	88	23	151	8.8	33	15	575	3.94	866	5	ND	1	47	3.5	26063	2	31	.08	.013	22	48	.18	42	.01	6	.44	.01	.11	1	600
22874	4	46	42	185	2.0	87	18	842	4.42	3892	5	ND	15	123	8.7	6059	3	28	.35	.024	28	49	.33	54	.01	7	.97	.01	.17	1	1430
22875	3	94	33	165	8.9	133	26	652	4.68	2604	5	3	3	529	3.3	14510	2	25	2.66	.014	9	53	1.66	58	.01	7	.65	.01	.16	1	2310
22876	3	47	15	104	1.2	84	24	729	5.14	3455	5	2	2	443	1.1	1414	2	21	3.07	.017	2	45	1.87	88	.01	7	.41	.01	.16	1	1480
22877	6	38	32	149	.3	36	11	312	3.01	1482	5	ND	2	110	.2	184	2	8	.68	.008	3	59	.33	45	.01	7	.41	.01	.21	1	2380
22878	7	27	20	141	.2	32	11	216	2.67	469	5	ND	4	85	.4	203	2	9	.59	.009	5	59	.29	78	.01	8	.41	.01	.25	1	350
22879	2	55	20	235	.1	71	20	552	4.68	312	5	ND	11	56	.7	48	2	25	.09	.040	37	42	.15	1175	.01	7	.93	.01	.27	1	21
22880	3	53	25	202	.1	100	23	806	4.59	266	5	ND	7	46	.5	46	2	37	.18	.044	33	83	.50	1949	.01	7	1.45	.01	.23	1	19
22881	3	51	20	183	.1	53	16	319	4.07	266	5	ND	9	43	.4	39	2	19	.09	.024	32	30	.07	1450	.01	7	.65	.01	.24	1	14
22882	5	45	21	169	.1	48	13	182	3.74	296	5	ND	6	44	.2	68	4	16	.10	.023	12	55	.06	897	.01	9	.72	.01	.31	1	16
22883	8	45	28	153	.1	51	14	206	5.22	395	5	ND	5	33	.2	106	2	14	.09	.021	7	46	.06	1024	.01	6	.52	.01	.22	1	5
22884	5	31	32	111	.1	34	9	72	3.77	168	6	ND	6	32	.2	111	2	13	.08	.022	7	26	.05	800	.01	6	.53	.01	.26	1	11
22885	3	34	20	130	.1	33	9	75	3.34	125	5	ND	5	41	.4	144	2	13	.08	.019	6	20	.06	827	.01	8	.55	.01	.24	1	15
22886	2	65	22	184	.1	43	15	113	3.67	82	5	ND	6	36	.2	125	2	13	.06	.031	7	23	.07	832	.01	8	.75	.01	.29	1	7
22887	1	55	30	145	.1	37	14	128	3.70	39	5	ND	6	33	.2	89	2	12	.01	.023	6	17	.04	698	.01	9	.64	.01	.30	1	11
22888	2	60	28	147	.1	32	12	75	3.26	28	5	ND	6	32	.2	68	2	13	.01	.022	6	31	.04	723	.01	10	.69	.01	.33	1	6
22889	3	46	33	137	.1	30	11	77	3.88	103	5	ND	5	37	.2	96	2	13	.01	.015	5	22	.03	597	.01	9	.58	.01	.29	1	8
22890	3	34	31	118	.4	20	8	66	3.30	629	5	ND	5	44	.2	81	2	14	.03	.010	6	30	.05	439	.01	10	.54	.01	.34	1	98
22891	2	74	26	169	.2	46	15	141	3.94	302	5	ND	5	42	.3	66	2	14	.05	.014	6	22	.07	375	.01	10	.63	.01	.32	1	12
22892	2	74	23	151	.2	35	11	110	3.65	618	5	ND	5	41	.3	70	2	14	.07	.018	6	29	.09	292	.01	6	.61	.01	.27	1	13
22893	2	50	21	158	.1	39	13	153	3.33	318	5	ND	5	33	.2	55	7	11	.09	.022	6	29	.32	279	.01	8	.57	.01	.33	1	14
22894	3	44	21	162	.1	44	14	388	3.95	267	5	ND	4	34	.2	43	2	15	.24	.040	7	47	.25	336	.01	7	.53	.01	.25	1	7
STANDARD C/AU-R	18	64	36	136	6.9	70	33	1076	4.03	38	18	6	39	52	18.5	15	20	56	.48	.093	38	58	.86	181	.09	33	2.06	.06	.15	13	490

Berc 91-330 Blue

Berc 91-331 Blue.

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
J22895	7	17	37	187	.2	28	13	1083	4.42	421	5	ND	14	123	.2	33	2	62	.10	.096	35	1	.05	1500	.01	6	.75	.01	.13	1	85
J22896	5	15	21	261	.2	27	12	918	4.31	212	6	ND	17	68	.3	23	2	49	.29	.137	46	15	.05	787	.01	9	.75	.01	.17	1	23
J22897	7	13	27	336	.1	32	13	925	4.68	333	5	ND	16	115	.4	27	2	44	.15	.105	43	1	.05	1352	.01	7	.76	.01	.17	2	31
J22898	9	11	28	559	.2	51	12	787	4.62	985	5	ND	13	107	2.2	46	2	53	.13	.089	33	13	.04	1125	.01	11	.67	.01	.19	2	600
J22899	8	15	31	608	.2	63	13	823	4.41	512	5	ND	11	106	2.2	25	4	54	.13	.083	24	10	.04	1100	.01	11	.68	.01	.18	3	69
J22900	7	34	43	639	.2	64	12	403	3.82	709	5	ND	10	141	3.4	33	2	56	.18	.101	21	23	.03	847	.01	10	.75	.01	.17	4	160
J22901	21	74	29	641	.5	131	12	113	4.50	852	5	ND	6	579	9.2	99	2	350	.21	.293	23	1	.04	4452	.01	10	1.02	.01	.17	4	220
J22902	10	63	28	512	.6	66	8	130	3.96	1007	5	ND	9	248	10.5	56	3	143	.12	.116	26	8	.03	1179	.01	10	.72	.01	.18	3	760
J22903	12	48	28	642	.2	79	9	223	4.22	545	11	ND	9	148	11.2	29	2	55	.09	.120	25	12	.03	983	.01	13	.84	.01	.15	4	200
J22904	8	11	29	843	.1	57	12	488	4.64	189	5	ND	11	62	6.1	17	2	46	.07	.092	27	6	.02	700	.01	10	.64	.01	.13	5	29
J22905	9	65	49	923	.7	74	12	427	3.52	95	5	ND	7	301	6.5	33	2	142	.23	.244	23	1	.03	2974	.01	15	.94	.01	.15	6	8
J22906	18	86	74	671	1.2	97	10	99	4.53	68	6	ND	5	240	6.2	48	2	204	.17	.147	17	13	.05	1413	.01	21	.78	.01	.30	4	3
J22907	10	65	10	355	1.5	62	10	219	2.42	39	8	ND	4	198	4.6	20	2	169	.50	.348	14	6	.05	2116	.01	27	.71	.01	.25	1	11
J22908	26	173	9	464	3.3	89	6	64	1.83	66	10	ND	3	480	11.2	50	2	1074	1.08	.777	14	69	.07	2922	.01	35	.97	.01	.26	2	7
J22909	23	106	17	862	2.2	121	9	156	2.77	49	6	ND	4	429	19.2	28	2	254	.99	.585	11	45	.07	1999	.01	43	1.00	.01	.32	3	6
J22910	21	96	23	1278	1.7	133	13	419	3.26	40	5	ND	10	452	18.7	27	2	284	1.01	.643	33	62	.06	1727	.01	25	.96	.01	.24	6	7
J22911	9	15	37	830	.3	57	13	758	4.72	25	5	ND	17	93	4.7	16	2	47	.26	.168	54	24	.06	632	.01	12	.80	.01	.24	4	8
J22912	10	57	38	1166	.1	115	22	1000	5.67	80	5	ND	20	320	13.2	38	2	207	.23	.275	71	49	.04	1523	.01	6	.84	.01	.16	3	6
J22913	19	117	31	584	2.5	102	9	224	2.66	90	5	ND	8	473	9.3	64	2	638	.61	.437	34	72	.05	2415	.01	12	.93	.01	.21	3	6
J22914	22	94	23	797	1.2	75	7	177	3.68	113	5	ND	10	328	13.0	78	5	605	.52	.369	31	52	.04	1267	.01	15	.90	.01	.23	4	2
J22915	12	13	37	1396	.1	65	14	377	4.36	24	5	ND	16	157	16.1	22	2	79	.27	.172	45	37	.05	481	.01	12	1.03	.01	.18	7	2
J22916	17	15	37	1039	.1	59	14	456	4.15	37	5	ND	17	329	10.7	39	2	297	.22	.195	42	7	.04	1613	.01	16	1.07	.01	.18	4	2
J22917	13	27	35	387	.3	40	5	110	2.73	66	5	ND	14	1159	10.0	97	2	925	.24	.435	38	1	.04	2025	.01	12	1.40	.01	.18	2	8
J22918	12	135	32	156	2.2	39	3	32	.80	42	6	ND	4	832	16.5	484	2	589	.26	.439	15	39	.03	2519	.01	15	.94	.01	.14	1	10
J22919	15	157	25	65	4.5	48	6	16	.61	20	5	ND	2	527	19.8	1388	2	591	.16	.422	12	1	.02	5430	.01	9	.70	.01	.09	1	14
J22920	17	54	18	51	1.8	25	3	28	.72	25	6	ND	1	254	10.9	36	2	464	.82	.669	9	116	.02	2268	.01	7	.43	.01	.09	1	17
J22921	17	76	9	102	1.5	73	2	17	.71	19	12	ND	2	171	10.1	25	2	613	.11	.121	7	29	.03	1611	.01	19	.50	.01	.16	1	3
J22922	19	43	18	108	.5	67	1	16	.61	15	5	ND	1	72	7.6	25	2	630	.06	.039	7	49	.03	559	.01	15	.38	.01	.15	1	1
STANDARD C/AU-R	17	56	38	132	6.7	70	31	1071	4.03	38	19	6	38	51	18.9	18	18	57	.48	.093	38	58	.90	180	.09	31	1.90	.06	.15	11	490

BORC 91-332 M.H.

MAY-30-1991 13:53 FROM ACME ANALYTICAL TO 1-403-6576623 P.006

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd, PROJECT 9105-018 File # 91-1453 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
022923	6	18	13	206	.2	26	11	385	3.61	590	5	ND	17	47	.5	28	2	69	.40	.136	48	29	.22	552	.01	6	1.35	.01	.20	1	69
022924	5	8	16	138	.1	21	12	702	3.91	556	5	ND	19	35	.4	19	2	55	.40	.136	50	27	.16	492	.01	2	1.16	.01	.21	1	50
022925	5	9	31	208	.2	21	12	800	4.08	1588	5	ND	18	91	.4	48	2	46	.26	.100	44	16	.05	879	.02	14	1.15	.01	.26	1	400
022926	5	14	43	194	.3	18	10	725	3.74	1029	5	2	15	93	.3	40	2	43	.36	.043	40	23	.06	876	.02	20	1.11	.01	.33	1	630
022927	6	12	53	368	.3	34	14	927	4.81	751	5	ND	17	105	.2	124	2	44	.17	.079	38	11	.05	1072	.01	10	1.06	.01	.22	2	34
022928	6	14	30	387	.3	36	14	918	4.62	1367	5	ND	19	105	.8	74	2	47	.19	.087	41	12	.05	1142	.01	13	1.08	.01	.23	3	450
022929	4	14	30	189	.2	16	11	727	3.77	650	5	ND	14	116	.2	62	2	40	1.61	.049	32	22	.20	792	.01	16	1.12	.01	.27	1	110
022930	6	9	31	409	.2	24	12	911	3.71	612	5	ND	13	77	1.6	63	2	42	.31	.044	30	15	.06	1124	.01	16	.90	.01	.28	2	170
022931	8	23	42	415	.4	32	13	1170	4.28	1056	5	ND	11	91	4.1	114	2	52	.23	.054	21	21	.05	937	.01	16	.90	.01	.23	3	280
022932	13	88	35	384	3.3	60	8	226	2.65	430	7	ND	6	479	6.1	108	2	219	.95	.612	22	34	.04	2941	.01	32	.91	.01	.21	1	120
022933	24	124	16	521	3.1	114	12	142	2.35	237	5	ND	3	685	8.1	102	2	479	.46	.589	13	1	.03	7992	.01	16	.97	.01	.15	6	37
022934	15	35	31	699	.4	59	12	482	4.51	102	5	ND	12	144	3.4	41	2	48	.11	.096	35	27	.04	884	.01	29	.92	.01	.25	4	5
022935	6	16	30	1001	.1	44	15	1324	4.58	17	5	ND	18	130	5.0	21	3	42	.95	.111	56	30	.18	698	.01	17	1.06	.01	.25	4	2
022936	5	6	32	758	.1	24	10	855	4.18	11	5	ND	16	130	3.5	18	2	35	1.19	.116	49	26	.27	284	.01	15	.96	.01	.23	3	2
022937	3	6	30	293	.1	15	9	791	3.67	5	5	ND	13	224	.6	14	2	33	1.86	.057	35	23	.51	481	.01	14	.84	.01	.20	1	1
022938	5	6	29	249	.1	16	10	805	4.17	11	5	ND	10	159	1.1	19	2	39	1.39	.028	24	26	.33	500	.01	15	.84	.01	.19	1	3
022939	9	14	30	251	.1	16	10	665	3.94	125	5	2	10	109	2.3	18	2	39	1.19	.043	23	26	.17	616	.01	23	.86	.01	.22	1	58
022940	17	34	45	546	.4	50	12	547	3.59	111	5	ND	10	167	10.8	33	2	85	.60	.125	28	20	.08	1127	.02	29	1.15	.01	.28	3	31
022941	24	107	22	753	2.3	106	9	68	3.05	54	6	ND	5	565	12.9	48	2	234	1.02	.686	19	35	.07	2312	.01	42	.92	.01	.29	4	11
022942	25	104	15	377	2.9	54	3	56	1.97	54	8	ND	3	501	14.9	33	2	436	.86	.635	14	68	.06	2110	.01	36	.76	.01	.24	1	12
022943	23	59	11	121	3.0	27	2	30	1.33	55	7	ND	2	427	9.2	22	2	447	.84	.649	9	65	.04	1759	.01	33	.60	.01	.22	1	8
022944	21	62	43	528	1.2	64	8	163	2.76	79	7	ND	10	504	11.5	30	2	291	.87	.750	31	44	.03	2128	.01	20	1.00	.01	.19	2	2
022945	27	34	36	713	1.2	84	11	213	3.38	90	5	ND	13	228	10.7	46	2	252	.19	.150	37	23	.04	1429	.01	20	.91	.01	.19	4	2
022946	22	114	25	275	1.0	62	5	32	1.33	97	7	ND	7	574	11.2	55	2	470	.64	.533	26	59	.02	3256	.01	12	.89	.01	.12	2	8
022947	26	125	23	351	3.2	99	4	30	1.79	149	5	ND	4	352	24.3	84	3	878	.52	.616	16	68	.04	3004	.01	23	.74	.01	.20	3	5
022948	34	67	25	147	2.5	59	2	23	.98	67	5	ND	2	143	7.4	67	2	587	.12	.057	8	99	.03	1250	.01	16	.41	.01	.18	2	15
022949	21	19	35	369	.3	32	5	96	2.20	176	5	ND	13	121	9.3	165	2	490	.12	.077	32	29	.03	851	.01	11	.83	.01	.19	3	210
022950	24	17	36	559	.1	50	9	167	2.37	160	5	ND	19	129	8.0	224	2	444	.12	.102	46	32	.03	906	.01	14	.93	.01	.20	6	59
022951	11	15	39	272	.1	26	4	52	1.35	121	5	ND	15	242	2.7	156	2	259	.09	.071	31	27	.02	651	.01	11	.70	.01	.20	1	87
022952	13	12	39	302	.2	19	4	24	1.73	456	5	ND	13	237	12.8	459	2	384	.09	.062	26	33	.03	639	.01	13	.68	.01	.21	2	650
022953	15	22	35	425	.6	36	5	33	1.65	383	5	ND	11	124	23.2	426	2	383	.09	.056	21	28	.02	1406	.01	14	.67	.01	.17	3	390
022954	19	54	16	80	1.4	39	2	13	.34	19	6	ND	1	192	6.8	95	2	595	.09	.049	8	52	.02	1233	.01	13	.36	.01	.10	2	25
022955	16	55	13	84	1.5	52	1	15	.18	5	8	ND	1	98	11.1	127	2	714	.12	.024	9	79	.03	514	.01	12	.40	.01	.12	1	18
022956	19	34	8	68	.9	37	1	14	.21	9	10	ND	2	73	7.7	104	2	652	.10	.023	8	58	.03	382	.01	16	.35	.01	.11	1	19
022957	6	29	36	218	.5	48	15	953	4.05	1572	5	ND	13	112	1.4	30	2	56	.15	.069	38	21	.05	1017	.01	10	.78	.01	.16	1	710
022958	4	25	43	173	.1	38	14	966	4.22	447	5	ND	14	97	.5	18	2	57	.20	.087	38	24	.05	975	.01	8	.83	.01	.18	1	61
STANDARD C/AU-R	18	58	38	132	6.9	68	32	1041	3.93	36	16	6	38	52	18.4	14	20	55	.48	.090	39	58	.88	175	.09	33	1.88	.06	.15	11	480

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 27 1991 DATE REPORT MAILED: May 30/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCRC 91-333 M.H.

BCRC 91-334 M.H.

MAY-30-1991 13:54 FROM ACME ANALYTICAL TO 1-403-6576623 P.007

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
022959	3	26	33	130	.3	22	11	677	3.64	276	5	ND	12	117	.2	14	2	46	2.28	.059	34	54	.09	1640	.02	18	1.20	.01	.20	1	92
022960	5	30	39	238	.2	39	13	946	4.13	484	5	ND	14	103	.6	18	5	56	1.17	.081	41	60	.07	1290	.01	13	1.22	.01	.20	1	45
022961	4	20	30	172	.2	40	13	1007	4.05	901	5	ND	12	82	.4	25	4	43	.72	.087	41	46	.08	838	.02	16	1.13	.01	.24	1	470
022962	5	30	36	336	.1	40	11	754	4.07	449	5	ND	10	74	.4	24	2	45	1.52	.083	35	50	.07	674	.03	18	1.32	.01	.26	1	55
022963	9	64	26	311	.1	56	9	647	3.19	576	5	ND	6	300	.9	29	3	154	.99	.286	20	69	.07	2826	.02	33	1.28	.01	.31	1	110
022964	21	104	21	531	2.2	97	8	205	3.45	929	5	ND	4	555	5.0	42	2	297	.46	.357	18	105	.06	5141	.01	22	1.15	.01	.21	1	110
022965	9	25	30	552	.2	53	12	683	4.60	600	5	ND	12	143	2.2	28	2	59	.16	.119	33	42	.05	1488	.02	18	1.15	.01	.23	1	310
022966	4	18	38	396	.3	31	11	865	3.99	862	5	ND	13	92	.3	29	3	45	.65	.088	36	33	.05	873	.01	15	.88	.01	.24	1	990
022967	8	19	30	870	.1	65	13	807	4.43	214	5	ND	17	90	.2	16	2	54	.40	.137	50	44	.06	565	.02	9	1.44	.01	.23	1	110
022968	5	16	26	729	.1	44	13	1185	4.13	.94	5	ND	15	56	.2	10	2	50	.40	.127	52	38	.06	303	.02	10	1.12	.01	.21	1	30
022969	6	8	36	573	.3	45	13	1127	4.15	34	5	ND	17	64	.3	10	2	51	.30	.122	48	41	.07	380	.01	6	1.16	.01	.24	1	10
022970	6	4	48	501	.1	32	11	1097	3.83	31	5	ND	15	69	.3	13	2	34	1.64	.120	47	29	.09	249	.01	7	.90	.01	.22	1	8
022971	7	12	43	436	.1	41	13	1147	4.18	89	5	ND	15	95	.3	14	2	45	.95	.116	46	33	.11	467	.01	8	1.25	.01	.19	1	2
022972	21	20	34	1159	.1	92	17	989	4.70	281	5	ND	14	107	.3	18	2	44	.17	.084	32	40	.05	884	.01	10	1.03	.01	.16	1	60
022973	28	29	48	1082	.3	82	12	264	4.75	343	5	ND	9	98	2.7	44	2	122	.11	.101	21	49	.04	780	.01	18	.89	.01	.17	1	32
022974	50	89	30	1206	2.1	163	10	151	5.33	395	5	ND	4	410	10.9	149	2	341	.23	.274	15	91	.04	3949	.01	18	.83	.01	.15	1	59
022975	39	32	37	1480	.1	98	10	296	5.38	156	5	ND	9	132	6.9	88	3	135	.12	.138	29	43	.04	969	.01	22	.89	.01	.19	1	3
022976	49	30	41	1452	.4	114	15	618	6.20	232	5	ND	17	160	12.8	232	2	224	.24	.167	46	54	.05	737	.01	21	.66	.01	.24	1	12
022977	48	14	31	1569	.1	87	9	394	5.11	138	5	ND	12	139	6.2	124	2	124	.13	.145	41	36	.04	1039	.01	16	1.02	.01	.16	1	4
022978	49	7	33	1625	.1	96	7	219	5.11	161	5	ND	14	151	9.8	226	2	193	.22	.196	44	36	.04	1064	.01	16	1.06	.01	.22	1	2
022979	60	15	35	2263	.1	142	14	657	6.19	140	5	ND	17	106	9.8	77	2	132	.28	.186	52	39	.04	628	.01	15	1.00	.01	.23	1	4
022980	42	12	31	1798	.1	109	10	337	4.91	99	5	ND	15	121	8.5	72	2	107	.24	.174	49	38	.04	775	.01	11	1.03	.01	.19	1	4
022981	47	25	40	1822	.1	128	13	282	5.38	291	5	ND	15	155	19.1	247	3	361	.34	.249	49	41	.05	495	.01	13	1.09	.01	.23	1	2
022982	32	74	35	1188	.1	120	8	89	3.97	248	5	ND	9	299	15.7	259	2	351	.38	.247	33	54	.04	1443	.01	17	.91	.01	.20	1	24
022983	41	143	32	533	.1	112	3	20	2.26	239	5	ND	3	434	17.3	85	2	693	.95	.429	20	157	.06	2085	.01	28	.79	.01	.22	1	11
022984	42	55	48	864	.1	87	7	87	3.30	357	5	ND	11	243	24.2	112	2	475	.13	.127	41	71	.04	1075	.01	15	.93	.01	.20	1	230
022985	29	66	39	1183	.3	104	16	148	4.15	168	5	ND	20	312	12.0	155	2	518	.22	.252	81	131	.03	1844	.01	10	1.26	.01	.11	1	5
022986	27	42	34	975	.2	95	7	95	3.12	155	5	ND	15	251	11.5	169	4	501	.18	.165	53	80	.04	1306	.01	15	1.04	.01	.18	1	4
022987	20	39	40	800	.1	67	7	91	3.11	150	5	ND	14	250	10.4	250	2	590	.15	.149	42	73	.03	944	.01	14	1.07	.01	.18	1	2
022988	24	31	39	699	.2	48	6	42	3.22	100	8	ND	16	424	8.9	575	2	462	.12	.149	45	57	.03	1262	.01	19	1.03	.01	.21	1	4
022989	21	25	34	671	.1	54	6	40	2.94	86	5	ND	15	323	8.9	616	2	603	.10	.152	43	72	.03	1197	.01	16	1.02	.01	.20	1	2
022990	18	64	31	335	1.0	40	3	29	1.59	81	5	ND	8	390	6.8	422	9	568	.25	.177	30	141	.03	1732	.01	24	.96	.01	.25	1	42
022991	27	161	33	437	4.4	66	3	33	1.18	68	11	ND	2	637	136.0	5296	4	1052	2.26	.952	20	177	.04	3091	.01	18	.90	.01	.18	1	13
022992	28	81	20	372	2.8	65	3	28	1.50	88	5	ND	3	354	35.0	1111	2	634	.49	.293	14	126	.03	2105	.01	14	.68	.01	.16	1	23
022993	5	6	45	95	.1	12	7	483	2.96	143	5	ND	12	48	.2	17	2	27	.15	.017	26	49	.04	507	.01	13	.68	.01	.18	1	18
022994	4	11	32	90	.1	7	6	539	2.81	105	5	ND	13	97	.2	9	2	29	1.23	.071	30	41	.11	473	.01	14	.82	.01	.23	1	15
STANDARD C/AU-R	18	63	38	134	7.1	69	33	1042	3.98	38	18	6	40	52	18.9	15	18	56	.48	.090	39	58	.88	177	.09	34	1.92	.06	.15	13	490

MAY-30-1991 13:56 FROM ACME ANALYTICAL TO 1-403-6576623 P.008

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
022995	5	5	38	80	.1	6	7	614	2.66	73	5	ND	12	44	.2	12	2	27	1.60	.073	26	17	.05	918	.01	23	.71	.01	.28	1	13
022996	7	24	41	109	1.0	23	11	609	3.32	1398	6	ND	11	55	.5	31	2	31	.28	.067	26	33	.04	754	.01	17	.61	.01	.19	1	470
022997	6	11	37	89	.6	19	8	348	2.79	1870	5	ND	10	69	.3	34	3	22	.15	.034	20	16	.03	1026	.01	17	.57	.01	.19	1	1180
022998	5	3	40	83	.1	7	6	457	2.34	513	5	ND	12	59	.2	18	2	23	.38	.043	26	28	.04	628	.01	19	.72	.01	.21	1	51
022999	6	6	41	112	.1	14	8	676	2.60	976	5	ND	14	50	.2	13	2	26	.22	.054	30	27	.04	633	.01	14	.83	.01	.20	1	75
023000	5	6	36	157	.1	17	9	635	2.83	645	5	ND	14	26	.8	10	2	27	.28	.079	37	31	.04	309	.01	12	.70	.01	.23	1	13
023001	4	5	39	120	.1	13	7	608	2.64	243	5	ND	11	218	.7	9	2	23	2.00	.060	25	20	.33	522	.01	16	.65	.01	.21	1	1
023002	5	19	65	181	.1	19	7	497	2.78	219	5	ND	11	84	1.5	18	2	27	1.15	.052	25	11	.06	949	.01	18	.74	.01	.23	1	5
023003	13	67	27	306	1.3	69	12	408	2.46	373	5	ND	4	188	2.8	17	2	100	.54	.221	19	38	.07	2555	.01	13	.67	.01	.22	2	11
023004	13	78	22	352	1.7	139	15	558	3.05	168	5	ND	5	179	3.1	32	3	61	.33	.171	23	12	.07	2576	.01	13	.61	.01	.23	2	4
023005	15	73	17	265	1.3	129	14	227	2.89	79	5	ND	7	282	2.3	22	2	52	.28	.149	22	38	.07	1276	.01	14	.65	.01	.26	1	8
023006	19	65	22	306	1.1	186	13	158	2.43	62	5	ND	6	227	1.7	12	2	88	1.12	.553	27	23	.11	1724	.01	24	.96	.01	.41	1	3
023007	14	52	31	257	1.7	133	19	688	3.39	159	5	ND	13	178	3.1	16	2	70	.62	.282	38	1	.09	2872	.01	14	.95	.01	.32	1	1
023008	11	50	34	238	.6	107	16	366	3.82	136	5	ND	17	266	2.0	19	2	62	.47	.257	43	1	.08	4079	.01	12	.93	.01	.24	1	2
023009	12	100	38	378	1.2	146	41	770	7.59	241	5	ND	5	209	1.4	28	2	135	.36	.186	29	1	.09	3585	.01	7	1.01	.01	.17	2	27
023010	14	91	23	361	.7	123	44	832	9.23	161	5	ND	3	170	4.3	31	4	159	.23	.139	26	1	.08	3530	.01	7	1.14	.01	.14	2	6
023011	14	63	8	303	.9	107	28	414	6.96	122	5	ND	1	146	1.5	31	2	159	.17	.089	15	1	.06	3151	.01	2	.75	.01	.11	2	4
023012	9	52	15	207	.8	79	16	191	3.26	66	5	ND	3	80	1.8	20	2	61	.17	.049	21	6	.07	2632	.01	11	.67	.01	.19	2	9
023013	6	77	18	215	.4	183	37	884	7.45	86	5	ND	2	92	1.9	26	2	87	.81	.062	26	136	.30	2571	.01	4	1.16	.01	.14	2	5
023014	7	59	10	202	.4	345	61	2170	8.88	67	5	ND	1	144	1.4	27	2	111	3.81	.084	20	339	1.25	2767	.01	2	1.75	.01	.08	1	6
023015	8	63	12	261	.5	263	49	2294	7.08	122	5	ND	1	126	1.9	43	2	112	1.26	.096	22	125	.16	3310	.02	2	1.21	.01	.18	1	5
023016	6	36	17	195	.2	158	31	1543	5.40	97	5	ND	7	205	.7	30	2	69	2.33	.079	27	95	.32	2470	.01	5	1.02	.01	.16	1	7
023017	6	19	21	130	.2	52	14	671	3.28	109	5	ND	10	248	.3	13	2	41	1.85	.094	29	22	.49	2209	.01	10	.84	.01	.19	1	22
023018	5	17	18	125	.1	52	15	685	3.35	51	5	ND	11	162	.2	10	2	44	1.64	.069	30	7	.24	2258	.01	6	.95	.01	.15	1	1
023019	6	20	15	141	.1	70	17	679	3.45	72	5	ND	11	164	.4	14	2	48	1.55	.100	31	11	.31	2212	.01	6	.78	.01	.14	1	8
023020	6	15	16	113	.1	45	13	572	3.19	49	5	ND	12	228	.3	10	2	43	1.77	.096	36	15	.52	2065	.01	5	.76	.02	.20	1	8
023021	6	16	16	139	.2	60	15	634	3.34	70	5	ND	11	218	.5	16	2	47	2.29	.101	35	32	.43	1639	.01	8	.91	.01	.23	1	8
023022	5	6	29	87	.1	13	8	413	3.05	260	5	ND	12	38	.2	13	2	28	.30	.080	29	44	.05	416	.01	15	.70	.01	.26	1	27
023023	5	3	28	82	.1	9	7	438	2.78	144	5	ND	13	28	.2	11	2	25	.28	.075	31	35	.05	297	.01	11	.69	.01	.24	1	21
023024	4	3	33	88	.1	6	7	504	2.67	175	5	ND	14	27	.2	11	2	27	.47	.072	36	21	.07	696	.01	12	.79	.01	.23	1	16
023025	5	2	41	81	.1	7	7	588	2.64	240	5	ND	13	54	.2	11	2	24	.91	.052	26	27	.06	631	.01	23	1.03	.01	.25	1	22
023026	4	3	31	78	.1	6	7	641	2.47	142	5	ND	14	41	.2	9	2	26	1.24	.070	36	19	.07	978	.01	20	.93	.01	.28	1	5
023027	4	2	35	73	.1	5	6	433	2.38	97	5	ND	13	83	.2	7	2	23	2.08	.069	30	21	.08	513	.01	12	.70	.02	.25	1	1
023028	4	4	27	88	.1	7	7	735	2.62	528	5	ND	13	34	.2	11	2	26	.83	.074	29	25	.06	315	.01	21	.70	.01	.24	1	19
023029	5	4	31	80	.1	7	7	603	2.76	1559	5	ND	13	32	.2	19	2	23	.35	.079	29	29	.05	283	.01	21	.62	.01	.25	1	340
023030	8	14	40	87	.4	9	7	486	3.10	2979	5	ND	12	48	.2	32	2	19	.37	.080	28	49	.05	457	.01	25	.82	.01	.25	1	1340
STANDARD C/AU-R	19	59	37	132	7.0	72	33	1052	3.95	39	17	6	39	52	18.4	15	21	56	.48	.090	39	59	.88	177	.09	33	1.88	.06	.15	11	510

BCRC 91-335 M. H.

BCRC 91-336 M. H.

MAY-30-1991 13:57 FROM ACME ANALYTICAL TO 1-403-5670823 P.009

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9105-018 FILE # 91-1453

ACME ANALYTICAL

BCRC 91-336 M.H.

BCRC 91-337 M.H.

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
023031	14	79	43	278	.6	96	9	552	3.48	1431	5	ND	8	226	1.6	66	2	63	.49	.209	23	100	.06	3045	.01	18	.95	.01	.21	1	380
023032	5	21	51	163	.3	26	8	699	2.96	1586	5	ND	13	108	1.2	32	2	27	2.41	.086	24	43	.12	1287	.01	14	.80	.01	.24	1	590
023033	6	30	87	193	.3	20	8	657	2.93	1316	5	ND	13	73	1.3	30	2	23	2.12	.083	27	47	.08	934	.01	12	.78	.01	.23	1	80
023034	6	25	41	147	.1	17	8	506	3.04	858	5	ND	15	39	.2	12	2	21	.42	.086	36	50	.10	287	.01	11	.97	.01	.26	1	36
023035	4	14	45	173	.4	10	6	415	2.63	125	8	ND	15	256	1.1	9	2	17	2.24	.073	32	39	.41	342	.01	10	1.07	.01	.28	1	10
023036	3	34	39	114	.2	20	11	630	3.63	110	6	ND	25	623	.5	10	2	31	3.92	.089	60	47	.95	1077	.01	7	.66	.01	.25	1	7
023037	7	37	41	140	.1	29	15	1242	4.59	321	5	ND	20	176	.5	13	2	36	2.11	.103	47	72	.14	792	.01	10	.72	.01	.26	1	8
023038	6	32	47	138	.3	29	13	861	4.20	173	8	ND	24	401	.5	15	2	40	2.81	.093	49	61	.58	777	.01	7	.61	.01	.23	2	13
023039	5	38	449	888	.6	25	13	780	4.10	148	5	ND	23	363	.7	13	2	38	3.01	.077	50	62	.51	869	.01	7	.61	.01	.20	1	14
023040	5	32	40	135	.1	25	10	680	3.38	137	5	ND	18	300	1.1	13	2	36	2.31	.093	45	61	.51	818	.01	14	.69	.01	.23	1	20
023041	7	18	48	151	.1	15	8	1073	2.95	155	5	ND	12	250	.8	9	2	28	2.15	.085	33	54	.29	738	.01	20	.79	.01	.27	1	7
023042	5	11	33	161	.1	13	7	945	2.77	125	5	ND	13	298	.7	9	2	23	2.80	.078	26	41	.32	627	.01	16	.64	.01	.22	2	5
023043	6	19	43	316	.1	26	8	1043	3.05	185	5	ND	13	174	1.7	11	2	26	2.13	.077	26	38	.17	598	.01	16	.70	.01	.24	1	2
023044	5	11	37	350	.2	27	9	1135	2.93	170	5	ND	13	145	2.6	9	2	33	1.66	.078	25	33	.18	694	.01	14	.64	.01	.24	1	8
023045	6	19	55	263	.1	18	8	664	3.03	65	5	ND	13	108	1.9	9	2	22	2.82	.072	25	52	.21	546	.01	15	.81	.01	.25	1	15
023046	6	11	55	266	.2	24	8	929	2.85	267	5	ND	12	121	3.7	11	2	29	1.09	.055	24	42	.15	1538	.01	16	.82	.01	.21	1	47
023047	4	18	43	184	.3	17	7	570	2.73	88	9	ND	13	148	1.3	11	2	19	2.03	.059	22	28	.33	1120	.01	12	.62	.01	.20	2	18
023048	4	41	38	195	.2	26	15	777	5.11	1533	5	ND	16	93	.8	232	3	41	.11	.042	41	40	.04	927	.01	11	.79	.01	.17	1	280
023049	4	23	40	134	.4	20	15	1095	3.93	1914	5	ND	15	101	1.3	72	2	34	.09	.037	43	49	.03	845	.01	9	.79	.01	.15	2	750
023050	4	25	29	84	.6	16	15	816	4.35	2785	5	ND	15	104	.5	69	2	31	.11	.036	48	43	.03	851	.01	9	.82	.01	.17	1	1040
023051	4	23	29	132	.2	16	18	1005	4.31	2470	5	ND	15	89	.7	80	2	32	.10	.039	48	41	.04	822	.01	10	.82	.01	.18	2	350
023052	4	23	37	102	.6	15	13	526	4.57	2762	5	ND	16	113	.6	97	2	29	.13	.042	49	39	.03	954	.01	10	.80	.01	.18	2	600
023053	4	27	31	83	.6	16	16	625	4.30	3191	5	ND	16	90	.5	96	2	30	.12	.040	46	46	.04	909	.01	6	.83	.01	.17	1	630
023054	2	21	36	126	.4	21	25	1584	3.99	2173	5	ND	15	70	1.4	44	2	30	.10	.036	48	39	.05	842	.01	10	.88	.01	.20	2	340
023055	4	33	38	126	.8	33	27	1543	3.95	2949	9	ND	10	109	3.8	109	4	25	.11	.040	44	39	.03	966	.01	9	.91	.01	.17	3	800
023056	5	50	28	182	.9	41	17	645	4.59	2268	5	ND	11	141	4.0	127	2	33	.12	.048	41	35	.04	842	.01	10	.83	.01	.19	1	1270
023057	4	15	34	114	.3	12	8	413	4.22	2616	5	ND	15	94	1.1	42	3	27	.12	.045	47	29	.04	923	.01	9	.70	.01	.18	3	500
023058	2	22	33	138	.1	19	13	1219	4.11	1296	5	ND	14	78	.6	34	2	34	.10	.038	44	32	.04	853	.01	11	.84	.01	.17	3	230
023059	4	11	32	118	.1	14	12	1133	4.63	1078	5	ND	15	76	.2	27	2	33	.10	.033	45	36	.05	796	.01	16	.87	.01	.19	2	200
023060	3	2	36	117	.1	12	15	1086	4.63	2537	5	ND	14	74	.2	27	2	26	.14	.031	49	36	.04	714	.01	12	.62	.01	.17	2	420
023061	3	18	39	110	.1	14	12	1342	4.14	662	5	ND	12	73	.2	26	4	33	.19	.032	44	31	.06	737	.01	15	.74	.01	.18	1	50
023062	3	45	35	149	.3	35	17	1059	4.60	542	5	ND	11	102	.7	40	2	50	.65	.037	37	45	.11	848	.01	9	.79	.01	.17	1	380
023063	3	60	33	185	.1	45	25	1504	5.77	389	5	ND	18	142	.5	28	2	73	.91	.073	57	87	.09	1691	.01	7	.97	.01	.11	1	17
023064	4	60	31	216	.2	56	24	1286	4.84	175	5	ND	13	129	.9	32	2	81	2.02	.056	38	83	.11	1725	.01	8	.88	.01	.11	1	14
023065	6	58	26	169	.2	68	19	708	3.98	89	5	ND	14	175	1.0	29	2	25	2.62	.052	44	25	.24	1466	.01	12	.65	.01	.23	2	1
023066	5	46	18	102	.1	45	15	549	3.42	22	5	ND	13	258	.6	12	2	25	5.31	.053	41	27	.43	1348	.01	13	.68	.01	.26	2	6
STANDARD C/AU-R	18	64	36	131	6.9	69	33	1038	3.95	38	19	7	40	52	18.8	16	22	57	.48	.091	39	58	.85	175	.09	32	1.92	.06	.13	11	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
023067	7	55	26	130	.1	67	20	484	2.95	33	5	ND	5	197	.7	4	2	12	6.82	.026	7	10	.11	1933	.01	10	.48	.01	.20	1	2
023068	7	46	11	127	.2	56	15	354	3.00	10	6	ND	4	229	.6	10	2	13	8.30	.022	5	10	.14	1954	.01	13	.53	.01	.23	1	7
023069	4	46	13	105	.2	43	14	410	3.19	33	15	ND	3	254	.7	19	2	11	8.71	.016	5	14	.54	1328	.01	13	.50	.01	.24	1	4
023070	2	19	14	106	.2	18	11	766	3.81	254	5	ND	13	77	.5	19	4	30	2.31	.102	49	29	.08	510	.01	7	.62	.01	.18	1	32
023071	1	24	24	106	.2	17	11	662	3.86	166	5	ND	12	146	.5	17	2	36	2.63	.095	43	34	.15	820	.01	8	.82	.01	.15	1	16
023072	3	45	24	164	.1	53	18	858	4.61	304	5	ND	7	87	.4	29	2	28	.78	.042	24	29	.09	1136	.01	10	.73	.01	.20	1	18
023073	3	30	27	116	.6	32	15	990	4.55	907	5	ND	8	54	.9	45	2	26	.42	.024	28	29	.06	648	.01	11	.59	.01	.18	1	130
023074	2	13	29	112	.1	10	10	789	3.71	139	5	ND	13	242	.5	36	2	30	2.00	.033	45	23	.63	718	.01	7	.65	.01	.15	1	20
023075	1	3	20	85	.1	9	9	754	3.47	116	5	ND	10	101	.3	19	2	35	2.21	.039	31	21	.10	758	.01	9	.63	.01	.13	1	17
023076	2	9	27	82	.1	10	11	759	3.83	1582	5	ND	12	91	.4	28	2	32	1.20	.032	38	18	.07	719	.01	10	.58	.01	.14	1	420
023077	1	14	25	76	.2	11	11	655	3.97	2714	5	ND	11	72	.2	52	2	26	.43	.030	38	20	.05	635	.01	5	.48	.01	.13	1	1170
023078	1	20	22	86	.2	11	11	749	4.00	511	5	ND	13	114	.5	16	2	34	2.33	.043	37	31	.09	988	.01	5	.68	.01	.16	1	200
023079	2	9	28	94	.1	12	11	836	3.91	203	5	ND	12	94	.2	25	5	33	1.51	.035	38	28	.08	784	.01	4	.67	.01	.13	1	220
023080	2	5	24	91	.1	10	11	781	3.61	1060	5	ND	12	78	.2	30	2	34	.35	.035	36	23	.06	732	.01	5	.74	.01	.13	1	400
023081	2	9	24	79	.2	9	12	707	3.13	1698	5	ND	12	90	.2	31	2	32	.12	.044	36	31	.04	955	.01	7	.69	.01	.14	1	420
023082	3	14	31	96	.1	12	11	723	3.28	383	5	ND	12	94	.2	26	2	36	.72	.045	38	30	.06	970	.01	7	.74	.01	.12	1	38
023083	2	13	30	86	.2	10	10	704	3.69	2977	5	ND	12	88	.3	25	2	25	1.19	.034	41	29	.06	822	.01	7	.67	.01	.19	1	900
023084	1	19	26	81	.3	11	10	613	3.12	227	5	ND	10	89	.2	20	2	26	2.41	.038	32	23	.08	842	.01	7	.64	.01	.18	1	30
023085	3	21	26	96	.4	16	12	710	4.37	3528	5	ND	10	133	.4	38	2	26	.48	.052	45	24	.07	1193	.01	7	.71	.01	.17	1	1140
023086	2	12	26	147	.4	13	10	841	3.77	1764	5	ND	12	145	.4	36	2	25	2.03	.053	41	21	.06	1116	.01	7	.61	.01	.15	1	350
023087	2	6	16	82	.3	7	9	875	4.08	2605	5	ND	10	149	.3	24	2	22	2.35	.026	34	17	.23	547	.01	7	.51	.01	.14	1	670
023088	1	6	20	103	.2	8	9	849	4.00	1245	5	ND	11	150	.5	14	2	24	2.39	.024	33	17	.33	557	.01	7	.63	.01	.17	1	300
023089	1	3	16	104	.1	8	9	895	4.03	1992	5	ND	12	213	.2	18	2	25	2.14	.039	37	18	.25	921	.01	7	.60	.01	.16	1	450
023090	2	13	22	98	.2	11	10	872	4.48	2159	5	ND	12	150	.2	21	2	25	1.56	.039	39	26	.15	938	.01	11	.67	.01	.17	1	570
023091	4	21	24	104	.3	9	8	654	3.92	2325	5	ND	8	291	.4	24	2	49	2.33	.024	26	19	.44	530	.01	8	.51	.01	.14	1	470
023092	34	48	58	307	1.2	42	9	463	2.96	948	5	ND	4	82	2.8	103	2	278	.23	.032	22	63	.05	912	.01	9	.63	.01	.08	1	330
023093	31	53	32	425	1.4	52	18	563	4.61	1026	5	ND	15	98	2.9	41	2	99	.65	.116	55	62	.08	783	.01	9	.79	.01	.16	1	240
023094	39	58	42	434	1.4	53	22	683	5.73	1039	5	ND	19	164	2.1	37	2	90	.85	.169	68	69	.09	1416	.01	7	.87	.01	.13	1	470
023095	21	57	23	97	1.2	18	3	161	1.22	196	5	ND	2	88	1.2	15	2	231	.24	.046	10	59	.03	914	.01	9	.35	.01	.08	1	31
023096	18	32	11	64	1.9	22	2	75	.70	98	12	ND	4	165	2.0	17	2	233	.63	.176	8	52	.05	1481	.01	19	.51	.01	.20	1	26
STANDARD C/AU-R	18	57	36	131	6.9	70	32	1040	3.94	38	19	6	37	51	18.6	15	21	56	.47	.090	37	55	.88	173	.09	32	1.93	.06	.15	11	480

BERC 91-337 M.H.

BERC 91-338 M.H.

OCT-30-1991 14:00 FROM HOME HARLY LICHL TO 1-403-00/0062 P.011

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-001 File # 91-1482 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
023097	6	23	52	178	.7	45	19	398	3.87	1480	7	ND	10	83	1.2	189	2	39	.11	.042	36	48	.06	902	.02	29	1.24	.01	.23	1	306
023098	4	19	39	117	.1	18	11	223	3.45	681	5	ND	9	71	.4	57	2	49	.07	.035	28	47	.03	698	.01	26	1.13	.01	.19	1	61
023099	4	23	40	116	.2	24	15	125	3.55	808	5	ND	10	80	.8	62	2	65	.09	.039	27	53	.04	730	.01	17	1.13	.01	.14	1	2
023100	5	10	31	74	.4	10	7	72	2.74	668	5	ND	7	77	.2	40	2	36	.07	.039	29	47	.03	907	.01	22	.97	.01	.18	1	324
023101	4	7	30	123	.2	15	15	931	4.28	1041	5	ND	13	99	.4	37	2	41	.09	.062	39	31	.04	1102	.01	24	1.11	.01	.23	1	198
023102	4	7	16	110	.1	17	17	1122	3.99	669	5	ND	14	81	.5	24	2	40	.62	.124	48	32	.25	404	.01	14	1.44	.02	.32	1	63
023103	3	12	15	127	.2	17	16	594	4.33	363	5	ND	15	114	.7	35	2	61	.68	.123	42	37	.58	314	.01	9	1.95	.01	.25	1	55
023104	3	9	25	103	.1	12	11	766	3.45	306	5	ND	13	240	.2	50	2	39	2.03	.119	43	27	.61	305	.01	16	.85	.01	.28	1	50
023105	3	18	18	94	.1	4	11	721	3.52	45	5	ND	14	193	.2	24	2	35	1.71	.119	44	28	.64	315	.01	14	.89	.01	.32	1	8
023106	3	17	22	86	.7	9	11	796	3.74	1345	5	ND	9	431	.2	37	2	28	2.12	.048	22	29	.82	185	.01	18	.79	.01	.19	1	216
023107	2	12	26	92	.2	11	12	837	3.86	2028	5	ND	9	581	.6	36	2	25	2.80	.031	20	22	1.03	164	.01	18	.61	.01	.15	1	297
023108	3	11	30	94	.1	8	10	785	3.54	1619	5	ND	10	410	.3	28	2	26	2.54	.037	25	25	1.02	226	.01	13	.80	.01	.17	1	243
023109	3	4	32	90	.1	12	11	779	3.36	57	5	ND	12	188	.4	18	2	36	1.80	.061	36	28	.88	914	.01	11	.87	.01	.15	1	5
023110	3	16	35	116	.1	13	13	970	3.86	106	5	ND	13	148	.5	66	2	34	.90	.035	38	28	.71	772	.01	12	.73	.01	.16	1	7
023111	3	30	65	164	.1	26	19	1276	4.68	616	5	ND	22	190	1.3	49	2	39	.68	.065	54	48	.74	849	.01	9	.78	.01	.15	1	234
023112	2	8	34	112	.1	7	11	835	3.55	40	5	ND	10	382	.2	34	2	33	2.77	.045	35	30	1.18	1033	.01	15	.76	.01	.21	1	3
023113	4	15	32	154	.1	13	14	980	3.89	103	5	ND	10	236	.6	27	3	33	1.53	.037	32	30	.79	841	.01	13	.86	.01	.19	1	1
023114	2	9	30	135	.1	9	10	864	3.66	40	5	ND	12	315	.6	25	2	25	2.84	.085	45	22	1.07	527	.01	13	.91	.01	.27	1	1
023115	2	7	26	163	.1	6	10	822	3.43	17	5	ND	12	262	.2	14	2	25	2.71	.093	44	19	.98	213	.01	15	.85	.01	.29	1	1
023116	18	41	15	317	.3	95	14	280	2.55	118	5	ND	4	77	3.2	17	3	50	.22	.064	11	26	.07	3107	.01	16	.61	.01	.20	1	26
023117	14	65	29	257	.3	100	25	370	4.73	136	5	ND	7	51	5.2	17	2	40	.17	.044	27	31	.06	2313	.01	22	.79	.01	.30	1	15
023118	21	85	20	345	.5	99	18	275	3.67	80	5	ND	7	74	4.5	13	2	80	.20	.059	32	44	.05	2432	.01	23	.76	.01	.28	1	16
023119	8	61	38	184	.3	82	20	352	4.18	54	5	ND	7	48	2.0	24	2	33	.11	.021	27	26	.06	1908	.01	24	.79	.01	.29	1	3
023120	6	58	39	124	.2	43	12	248	2.70	100	5	ND	8	56	.8	47	2	37	.07	.027	33	41	.05	1037	.01	21	.79	.01	.29	1	2
023121	3	18	38	109	.1	18	12	902	3.44	251	5	ND	7	214	.4	29	2	40	2.21	.027	24	41	.72	798	.01	12	1.01	.01	.21	1	10
023122	4	20	33	109	.1	21	14	921	3.74	399	5	ND	10	191	.8	301	2	55	3.04	.029	28	61	.88	793	.01	15	.96	.01	.15	1	14
023123	3	62	47	167	.3	47	26	806	3.24	96	5	ND	17	194	3.4	40	2	88	3.58	.036	34	146	1.16	738	.01	5	.86	.01	.02	1	1
023124	4	34	45	140	.2	30	19	846	3.55	122	5	ND	11	151	.4	131	2	57	2.47	.034	29	73	.83	806	.01	8	.89	.01	.11	1	1
023125	4	20	37	105	.2	21	13	729	2.22	158	5	ND	9	94	.4	210	2	40	.54	.036	30	44	.15	894	.02	12	1.01	.01	.17	1	3
023126	3	13	31	94	.2	21	11	817	3.30	361	5	ND	8	274	.2	62	2	40	2.36	.033	25	37	.85	922	.01	11	.88	.01	.18	1	64
023127	4	15	30	112	.4	18	18	709	3.63	769	5	ND	10	110	.2	122	4	38	.54	.026	28	30	.22	678	.01	15	.89	.01	.19	1	216
023128	3	9	150	160	.5	11	13	280	3.06	813	6	ND	10	80	.2	50	2	31	.16	.021	26	30	.07	795	.01	19	.67	.01	.15	1	522
023129	3	11	37	74	.3	8	5	105	1.34	370	5	ND	11	102	.3	47	2	24	.10	.040	33	31	.05	875	.01	16	.82	.01	.16	1	71
023130	4	4	39	15	.3	3	1	54	.69	183	5	ND	11	99	.3	32	2	15	.05	.037	38	28	.03	844	.01	16	.59	.01	.13	1	387
023131	4	4	32	13	.4	2	2	55	.82	288	5	ND	12	116	.2	40	2	17	.05	.040	38	36	.03	908	.01	13	.79	.01	.17	1	549
023132	4	6	31	11	.7	6	5	55	1.79	360	5	ND	11	82	1.0	32	2	14	.06	.026	32	32	.04	217	.01	13	.59	.01	.13	1	441
STANDARD C/AU-R	19	61	41	135	7.2	73	32	1065	4.00	41	17	7	40	52	18.7	15	22	57	.48	.093	39	61	.87	178	.09	32	1.89	.06	.15	11	520

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 29 1991 DATE REPORT MAILED: June 4/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

M.H. BCRC 91-339

M.H. BCRC 91-340

JUN-04-1991 14:21 FROM HOME ANALYTICAL TO 1-403-6676623 P.002

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
023133	3	3	32	28	.5	2	4	84	1.88	967	5	ND	11	140	.2	102	2	19	.07	.029	37	27	.02	478	.01	6	.56	.01	.13	1	400
023134	4	8	34	97	.2	6	8	145	2.92	1731	5	ND	13	164	.5	135	2	29	.09	.033	43	27	.03	712	.01	12	.78	.01	.14	1	460
023135	5	6	36	78	.1	8	5	88	2.55	1710	5	ND	13	201	.9	275	2	24	.10	.032	41	36	.03	742	.01	9	.71	.01	.16	1	460
023136	4	5	34	33	.6	4	4	48	1.55	1202	5	ND	11	127	.7	523	2	14	.08	.044	37	37	.02	2129	.01	9	.61	.01	.08	1	770
023137	6	58	42	135	1.8	35	10	126	2.69	1229	5	ND	9	177	2.3	2032	2	35	.38	.056	24	43	.15	346	.01	8	.91	.01	.11	1	710
023138	8	53	26	175	.5	55	22	584	3.68	816	5	ND	7	181	1.2	1114	2	23	2.58	.022	28	29	.85	507	.01	16	1.00	.01	.29	1	220
023139	9	40	24	174	.5	46	17	477	4.38	1336	5	ND	6	393	.9	416	2	23	2.64	.020	24	25	.87	218	.01	8	.57	.01	.19	1	290
023140	3	10	25	90	.1	9	9	741	3.56	1432	5	ND	10	456	.4	330	2	26	3.03	.032	24	25	1.00	137	.01	14	.71	.01	.17	1	230
023141	5	21	39	92	.1	18	10	574	3.50	3463	5	ND	13	73	.6	47	2	13	.32	.082	39	34	.06	801	.01	12	.76	.01	.24	1	890
023142	6	19	27	84	.5	23	10	835	3.33	5179	5	2	13	130	.5	73	2	32	.49	.103	43	35	.11	836	.01	14	.79	.01	.23	5	1590
023143	3	10	28	105	.2	12	9	793	3.18	4980	5	ND	12	476	.3	38	2	24	2.83	.101	29	25	.84	176	.01	11	.48	.01	.22	14	1280
023144	2	14	76	130	.3	8	11	875	3.36	4380	5	ND	12	404	1.3	41	2	21	2.55	.101	29	23	.67	208	.01	11	.61	.01	.19	2	1170
023145	4	12	29	91	.6	10	10	780	3.29	3999	5	ND	12	314	.5	471	2	22	2.13	.086	28	28	.61	255	.01	10	.60	.01	.17	1	1240
023146	4	16	39	93	.2	7	10	647	3.24	4203	5	ND	11	329	.2	2028	2	25	2.59	.056	25	31	.80	188	.01	7	.68	.01	.18	1	1270
023147	3	11	29	95	.3	10	9	743	3.36	4623	5	2	12	298	.2	2526	2	26	1.94	.081	32	24	.58	250	.01	8	.56	.01	.14	1	1720
023148	3	7	26	93	.1	10	9	691	2.96	1436	5	ND	13	250	.2	249	2	27	3.01	.081	34	25	.66	460	.01	6	.68	.01	.16	1	250
023149	3	2	29	102	.1	12	10	841	3.16	1143	6	ND	14	141	.4	356	2	30	2.77	.103	47	25	.21	565	.01	8	.80	.01	.18	1	220
023150	3	3	24	95	.3	9	10	623	3.11	470	5	ND	17	175	.4	181	2	34	2.37	.096	45	30	.38	651	.01	6	.90	.01	.18	1	91
023151	3	5	22	90	.1	9	10	695	3.07	141	5	ND	15	187	.2	67	2	37	2.71	.094	45	31	.73	551	.01	2	.81	.01	.17	1	7
023152	3	3	27	100	.1	15	12	937	3.12	507	5	ND	14	131	.2	262	2	39	2.28	.087	44	30	.21	1498	.01	8	.78	.01	.14	1	2
023153	3	2	19	79	.1	10	9	657	2.93	157	5	ND	14	332	.4	31	2	30	3.19	.084	45	22	.98	1646	.01	2	.73	.01	.17	1	400
023154	3	4	28	83	.1	9	10	668	2.83	128	5	ND	14	287	.2	29	2	33	2.88	.078	40	25	.93	1901	.01	4	.84	.01	.15	1	6
023155	3	4	27	80	.1	11	9	650	2.79	102	5	ND	13	313	.3	18	2	30	3.19	.063	38	31	.98	1429	.01	2	.82	.01	.17	1	1
023156	3	6	29	94	.1	9	10	675	2.83	135	5	ND	14	360	.3	12	2	30	3.35	.076	42	23	1.04	1323	.01	3	.86	.01	.18	1	1
023157	3	5	25	94	.1	9	10	703	3.03	296	5	ND	14	348	.2	28	2	35	2.95	.086	41	31	1.12	1120	.01	9	.95	.01	.17	1	42
023158	4	8	28	82	.1	11	10	698	3.10	248	5	ND	14	348	.2	33	2	35	2.65	.088	40	42	1.11	738	.01	7	.69	.01	.14	1	59
023159	2	6	26	86	.1	5	9	636	2.77	240	5	ND	13	312	.2	28	2	35	2.26	.084	39	23	.97	870	.01	8	.71	.01	.11	1	29
023160	5	72	48	125	.4	37	12	767	2.35	477	5	ND	6	52	3.1	34	2	16	.22	.043	20	56	.10	516	.01	12	.51	.01	.20	1	1
023161	7	77	24	175	1.1	58	17	466	2.37	232	13	ND	6	163	.9	28	2	29	.60	.245	27	69	.11	1400	.01	23	1.00	.01	.37	1	18
023162	5	82	16	85	.4	35	12	519	1.96	96	5	ND	6	69	.5	16	2	14	.23	.089	21	55	.10	779	.01	20	.75	.01	.34	1	11
023163	3	41	7	58	.5	28	9	482	1.98	53	5	ND	5	54	.4	12	2	9	1.73	.028	17	28	.54	1071	.01	14	.45	.01	.23	1	8
023164	4	51	12	95	.9	39	11	457	2.05	41	5	ND	5	41	.2	13	2	10	.81	.030	19	28	.34	564	.01	14	.46	.01	.24	1	3
023165	3	35	9	121	.8	31	9	362	2.00	36	5	ND	5	43	.4	12	2	8	1.48	.027	18	22	.75	643	.01	9	.36	.01	.19	1	1
023166	5	53	11	130	.5	52	15	462	2.80	55	5	ND	4	104	.4	16	2	23	.50	.061	12	67	.11	1266	.01	11	.50	.01	.18	1	5
023167	11	55	21	243	.8	54	15	152	3.46	48	6	ND	4	105	.8	20	2	62	.13	.056	22	54	.07	1201	.01	14	.54	.01	.23	1	1
023168	7	59	16	200	.1	39	12	298	3.25	24	5	ND	7	144	1.7	11	2	28	.72	.050	30	39	.51	295	.01	11	.49	.01	.25	1	4
STANDARD C/AU-R	19	59	42	132	7.1	72	32	1050	3.96	38	19	6	38	52	18.6	15	21	56	.48	.090	38	58	.88	175	.09	34	1.88	.06	.15	11	530

P.003

TU 1-403-6676623

M.H. BCRC 91-340

M.H. BCRC 91-341

M.H. BCRC 91-342

FROM ACME ANALYTICAL

JUN-04-1991 14:22

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-001 FILE # 91-1482 Page .

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
023169	5	47	22	156	.4	44	13	409	3.62	152	5	ND	7	440	1.8	15	2	27	1.80	.069	25	37	.80	95	.01	17	.69	.01	.29	1	13
023170	3	16	28	90	.1	9	11	686	3.62	286	5	ND	10	443	1.0	14	2	29	3.50	.094	27	28	1.17	311	.01	18	.75	.01	.21	1	12
023171	2	5	27	88	.1	7	9	714	3.46	22	5	ND	11	487	.7	7	2	27	3.44	.086	31	21	1.18	345	.01	10	.67	.01	.20	1	2
023172	3	4	21	85	.1	9	8	728	3.48	18	5	ND	11	423	.2	6	5	29	3.46	.087	33	24	1.16	365	.01	11	.70	.01	.20	1	1
023173	2	3	22	88	.1	5	9	711	3.43	15	5	ND	12	403	.6	6	2	28	3.30	.089	42	23	1.23	520	.01	18	.84	.01	.21	1	2
023174	3	16	27	93	.1	9	9	724	3.54	93	5	ND	12	499	.3	6	4	29	3.44	.102	44	24	1.20	260	.01	9	.76	.01	.24	1	2
023175	3	6	24	80	.1	7	9	694	3.33	8	5	ND	12	459	.2	3	3	27	3.48	.093	43	27	1.14	371	.01	14	.73	.02	.27	1	1
023176	2	28	41	101	.1	18	11	667	3.32	70	5	ND	18	379	.8	9	4	23	3.15	.101	59	32	1.08	303	.01	15	.59	.01	.27	1	2
023177	3	15	48	122	.3	3	7	477	2.27	56	5	ND	11	312	.3	8	2	12	2.32	.067	37	28	.58	218	.01	12	.88	.01	.32	1	2
023178	4	11	78	116	.2	8	6	603	2.37	27	5	ND	10	365	.2	7	2	12	2.89	.071	33	32	.73	714	.01	15	.79	.02	.26	1	1
023179	4	9	77	109	.6	8	7	637	2.35	17	5	ND	13	274	.8	10	5	13	2.40	.071	37	35	.69	365	.01	13	.87	.01	.28	1	1
023180	4	28	35	93	.1	21	13	762	3.79	14	9	ND	19	562	.7	14	7	54	3.66	.108	51	69	1.66	226	.06	12	.96	.02	.48	1	1
023181	3	32	41	101	.3	23	13	829	3.95	12	5	ND	22	353	.3	12	2	50	2.98	.111	63	52	1.57	461	.02	9	.85	.01	.34	1	1
023182	3	22	91	170	.1	19	14	816	3.88	34	8	ND	21	292	.7	11	2	38	2.73	.102	59	44	1.03	1035	.01	9	.75	.01	.20	1	2
023183	3	22	30	62	.1	11	8	594	2.96	10	5	ND	14	390	.2	9	2	22	2.84	.085	41	38	.94	284	.01	12	.77	.03	.31	1	1
023184	4	13	24	49	.1	6	7	482	2.49	14	5	ND	12	280	.2	9	3	12	2.50	.073	38	39	.69	417	.01	14	.85	.02	.27	1	1
023185	3	31	51	280	.1	19	16	1171	4.86	941	5	ND	19	111	1.2	33	2	32	.19	.065	45	27	.07	1128	.01	7	.75	.01	.15	1	200
023186	4	17	34	68	.3	10	7	255	2.32	498	5	ND	9	87	.3	27	2	27	.10	.037	36	42	.03	795	.01	10	.59	.01	.14	1	710
023187	4	6	33	117	.1	9	15	1177	4.40	155	5	ND	11	104	.6	17	2	45	.15	.054	33	34	.04	1158	.01	13	.80	.01	.16	1	9
023188	5	15	33	183	.1	11	13	911	4.33	402	5	ND	14	90	.6	17	9	42	.53	.099	43	43	.08	933	.01	14	1.01	.01	.21	1	21
023189	3	11	23	88	.1	10	11	721	3.28	42	5	ND	14	72	.2	5	2	51	1.63	.120	51	40	.18	257	.01	4	.77	.01	.20	1	3
023190	4	13	32	97	.1	15	13	776	3.95	70	5	ND	17	70	.4	9	2	80	.37	.122	55	43	.07	644	.01	7	.91	.01	.12	1	9
023191	3	12	24	91	.1	9	12	674	3.20	20	8	ND	15	53	.3	5	2	63	1.20	.125	52	34	.34	225	.01	7	.74	.01	.14	1	1
023192	3	14	25	94	.1	10	12	654	3.21	17	5	ND	16	65	.6	6	2	57	1.35	.127	54	41	.27	139	.01	6	1.00	.01	.23	1	1
023193	3	12	34	94	.1	12	14	873	3.15	46	5	ND	16	58	.2	7	3	62	.52	.124	56	35	.06	483	.01	7	.90	.01	.15	1	2
023194	3	12	22	90	.2	19	12	759	3.65	23	5	ND	16	60	.2	9	2	43	1.62	.115	53	38	.26	171	.01	10	1.39	.01	.26	1	1
023195	4	13	26	99	.1	13	11	844	3.33	35	5	ND	15	57	.2	6	2	47	1.12	.121	54	38	.08	409	.01	8	1.04	.01	.23	1	1
023196	3	10	36	97	.1	9	13	933	3.99	52	5	ND	15	96	.2	8	2	44	1.58	.110	49	38	.24	423	.01	12	.98	.01	.16	1	1
023197	3	11	26	91	.1	12	13	952	3.89	75	5	ND	13	96	.5	12	2	42	1.60	.084	42	26	.08	791	.01	8	.90	.01	.15	1	1
023198	4	11	69	124	.5	9	14	850	4.29	1724	5	ND	15	119	.4	29	2	31	.52	.086	44	27	.07	1215	.01	8	.82	.01	.15	1	620
023199	3	10	129	151	.8	9	13	851	3.90	406	5	ND	12	149	1.1	24	2	32	2.11	.074	37	24	.26	1026	.01	15	.73	.01	.17	1	16
023200	3	6	149	150	.5	9	10	762	3.41	103	5	ND	9	273	.9	11	2	34	2.50	.063	35	27	.91	944	.01	10	.78	.01	.17	1	4
023201	4	9	63	228	.4	12	11	799	3.82	354	5	ND	10	253	2.9	26	2	34	2.06	.052	39	29	.70	788	.01	10	.70	.01	.18	1	11
023202	5	40	41	188	.5	31	14	479	3.15	597	5	ND	8	269	.5	31	2	36	1.89	.071	35	30	.71	925	.01	13	.78	.01	.25	1	44
023203	6	37	30	173	.3	29	11	465	2.39	308	5	ND	8	143	1.1	21	3	56	1.44	.045	30	31	.35	1031	.01	13	.73	.01	.18	1	3
023204	3	33	21	71	.1	7	8	530	2.12	48	5	ND	9	208	.2	21	2	29	2.17	.035	29	27	.73	747	.01	16	.67	.01	.18	1	1
STANDARD C/AU-R	19	65	44	131	7.5	70	32	1063	3.97	40	16	7	39	52	18.8	15	19	57	.48	.090	39	59	.88	178	.09	35	1.89	.06	.15	11	530

M.H. BCRC 91-342

M.H. BCRC 91-343

JUN-24-91 MON 11:07 ACME ANALYTICAL FAX NO. 2504536599 P.03

Noranda Exploration Co. Ltd. PROJECT 9106-001 FILE # 91-1482 Page 4

M.H. BCRD 91-343

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
023205	3	26	30	60	.1	6	8	609	2.71	40	5	ND	10	213	.2	17	2	27	2.12	.035	30	7	.78	758	.01	10	.54	.01	.17	1	13
023206	3	21	25	74	.1	5	8	761	3.22	37	5	ND	11	333	.2	15	2	31	2.84	.055	33	20	1.06	667	.01	9	.63	.01	.18	1	2
023207	2	8	28	78	.1	5	7	720	3.56	2057	5	ND	10	495	.3	20	4	18	3.12	.033	26	23	1.09	127	.01	11	.58	.01	.21	1	260
023208	3	14	22	99	.1	7	8	673	3.42	693	5	ND	11	266	.2	16	2	25	2.78	.037	31	18	.94	296	.01	10	.62	.01	.19	1	360
023209	3	18	48	142	.8	13	10	751	4.18	1266	5	ND	10	781	.7	22	2	20	3.05	.056	29	24	1.17	82	.01	10	.55	.01	.17	1	176

AMPLE#	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
23246	3	10	31	71	.1	8	9	841	3.80	172	5	ND	13	228	.2	2	2	35	2.28	.092	36	26	.83	634	.02	12	1.28	.01	.30	1	22
23247	3	11	32	78	.1	8	9	820	3.93	71	5	ND	14	243	.2	4	2	38	2.14	.089	38	14	.85	954	.02	15	1.33	.01	.22	1	7
23248	4	7	26	91	.1	13	12	962	4.03	783	5	ND	14	246	.2	9	2	40	1.92	.070	38	26	.44	850	.02	14	.48	.01	.21	1	18
23249	4	8	24	92	.3	11	10	669	3.94	2124	5	ND	10	657	.2	14	2	26	2.14	.026	23	39	.74	295	.01	9	.75	.01	.12	1	810
23250	3	10	28	8[illegible]	.3	10	10	830	3.89	95[illegible]	5	ND	12	524	.2	9	2	3[illegible]	2.93	.065	32	28	.97	440	.01	12	.78	.01	.19	1	250
23251	3	14	2[illegible]	106	.1	16	12	806	4.1[illegible]	800	5	ND	13	355	.2	7	2	38	2.36	.102	43	25	.70	758	.02	15	1.18	.01	[illegible]	1	13
23252	3	27	[illegible]	93	.1	23	14	1061	[illegible].75	65	5	ND	25	387	.2	[illegible]	2	42	3.00	.097	67	32	[illegible]	1309	.01	12	.93	.0[illegible]	.20	1	8
23253	2	2[illegible]	27	75	.5	13	11	[illegible]	4.28	1525	5	ND	7	744	[illegible]	20	2	29	3.34	.025	21	[illegible]	1.28	293	.01	14	.68	.01	.17	1	670
23254	3	[illegible]	46	118	.2	8	9	887	3.79	183	5	ND	10	270	.2	9	2	30	2.54	.073	32	27	.98	314	.01	13	.7[illegible]	.01	.20	1	11
23255	3	13	27	84	.1	6	9	922	4.07	37	5	ND	9	2[illegible]	.2	5	2	30	2.72	.073	[illegible]	31	1.12	339	.01	16	[illegible]6	.01	.24	1	20
23256	4	19	29	100	.1	[illegible]	11	562	4.23	403	5	ND	[illegible]0	199	.3	15	2	28	1.33	.0[illegible]	35	34	.51	425	.01	[illegible]	1.04	.01	.28	1	10
23257	3	44	32	193	.1	39	17	271	5.49	948	5	ND	16	143	.6	14	2	62	.30	.155	50	43	.08	1465	.03	16	1.19	.01	.22	2	10
23258	3	58	39	211	.1	54	18	329	6.78	1292	5	ND	22	134	.4	12	2	89	.[illegible]	.189	68	62	.06	1104	.02	8	1.08	.01	.11	1	7
23259	5	54	52	164	.6	38	10	245	5.23	746	[illegible]	ND	12	92	.5	23	2	36	[illegible]0	.073	43	23	.07	794	.01	11	.52	.01	.17	1	17
23260	10	53	27	[illegible]	.3	50	17	339	3.28	[illegible]	5	ND	8	51	1.0	12	2	1[illegible]	.10	.024	27	17	.20	240	.01	14	.66	.01	.31	1	23
23261	6	50	22	151	.2	43	17	328	3.27	65	5	ND	6	54	1.1	13	2	14	.16	.016	15	10	.17	339	.01	13	.50	.01	.23	1	31
23332	17	49	26	99	.2	62	10	571	3.74	299	5	ND	12	298	.6	10	2	52	2.50	.230	37	29	.44	861	.01	22	.87	.01	.22	1	38
23333	8	55	18	63	.5	37	7	127	3.59	1822	5	ND	9	82	1.1	19	2	22	.18	.041	26	6	.07	716	.01	15	.65	.01	.27	1	960
23334	8	67	29	178	.2	70	15	370	4.26	2144	5	ND	14	89	2.9	25	3	30	.18	.064	39	23	.05	705	.01	15	.80	.01	.16	1	350
23335	8	45	33	107	1.6	22	9	191	4.21	1057	5	ND	12	77	1.0	22	2	29	.13	.038	38	28	.06	797	.01	21	.76	.01	.18	1	360
23336	8	49	32	92	2.0	34	12	656	3.56	1072	5	ND	9	160	.9	20	2	32	.54	.033	30	32	.23	285	.01	15	.55	.01	.15	1	450
23337	4	20	34	105	.6	21	11	458	3.90	2695	5	ND	13	228	.6	16	2	27	1.10	.075	36	25	.37	235	.01	18	.64	.01	.16	1	600
23338	5	16	21	95	.2	13	10	585	3.51	2399	5	ND	10	435	.4	14	2	28	2.62	.058	25	37	1.00	148	.01	16	.71	.01	.16	1	370
23339	4	15	22	111	.2	17	10	500	3.66	3143	5	ND	12	342	.3	19	2	27	2.14	.076	32	37	.80	167	.01	15	.70	.01	.19	1	770
23340	4	22	33	183	.4	34	14	521	4.27	3081	5	2	13	202	.6	21	2	27	1.62	.072	35	20	.61	456	.01	10	.89	.01	.20	1	900
23341	5	21	25	219	.1	47	15	462	4.06	1798	5	ND	15	116	.6	21	2	35	1.06	.089	41	29	.36	426	.01	7	.96	.01	.17	1	420
23342	4	14	25	238	.1	46	15	525	3.81	631	5	ND	14	108	1.1	18	2	35	.92	.090	41	21	.35	320	.01	7	.89	.01	.15	1	160
23343	3	13	36	223	.1	43	13	658	3.54	557	5	ND	14	171	1.2	12	2	31	1.62	.068	37	24	.62	370	.01	6	.83	.01	.15	1	120
23344	3	14	27	157	.1	26	11	666	3.26	333	5	ND	13	255	.6	7	2	23	2.23	.048	35	16	.85	361	.01	7	.72	.01	.16	1	66
23345	3	8	23	147	.1	21	11	717	3.50	443	5	ND	13	382	.5	7	2	23	2.67	.076	35	15	1.05	411	.01	12	.62	.01	.16	1	91
23346	2	8	21	122	.1	15	9	624	3.25	1311	5	ND	9	507	.5	12	2	24	2.98	.079	27	18	1.08	190	.01	12	.62	.01	.18	1	260
23347	2	26	15	103	.1	27	10	437	2.95	485	5	ND	4	239	.5	13	2	10	4.86	.015	11	15	2.41	163	.01	10	.40	.01	.21	1	260
23348	3	25	11	86	.6	22	9	452	2.65	70	5	ND	3	113	.2	9	2	9	5.67	.010	9	14	2.74	113	.01	13	.31	.01	.19	1	15
23349	8	16	10	64	.2	28	6	386	1.95	31	5	ND	1	55	.2	8	2	18	3.43	.015	4	54	1.64	163	.01	8	.21	.01	.10	1	14
23350	11	26	43	307	.2	52	15	492	4.09	632	5	ND	9	80	1.5	205	4	38	.13	.037	36	61	.07	882	.01	16	1.21	.01	.29	1	62
23351	8	20	50	362	.2	52	20	763	4.09	1183	5	ND	10	69	1.3	173	2	36	.09	.030	37	22	.04	779	.01	12	.85	.01	.20	2	470
STANDARD C/AU-R	18	58	37	134	7.0	70	32	1044	4.00	38	18	6	38	52	18.4	16	19	57	.49	.091	37	58	.89	178	.09	33	1.90	.06	.15	12	520

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BCRC 91-350

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351

JUN-03-1991 12:45 FROM ACME ANALYTICAL TO 1-403-6676623 P.003

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-002 File # 91-1498 Page 1

1050 Davie St., Vancouver BC V6E 1M4

AMPLE#	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
23210	1	42	25	124	.1	32	17	938	4.33	115	5	ND	18	232	.5	13	2	57	4.29	.145	56	59	.66	655	.02	6	.63	.01	.12	1	33
23212	2	14	37	81	.3	6	6	609	2.46	59	5	ND	14	81	.2	7	7	15	2.12	.070	35	26	.12	450	.01	11	.77	.01	.20	1	12
23213	2	12	34	100	.2	9	8	689	2.90	64	5	ND	15	131	.2	12	5	27	2.31	.080	35	39	.26	665	.01	10	.86	.01	.19	1	11
23214	2	7	43	85	.1	4	6	556	2.65	25	5	ND	13	131	.2	9	3	25	1.63	.064	28	29	.24	522	.01	8	.70	.01	.15	1	4
23215	2	12	42	75	.1	4	5	484	2.43	18	5	ND	12	203	.2	7	5	21	2.01	.065	24	31	.50	1068	.01	9	.63	.01	.19	1	6
23216	2	10	32	85	.2	6	6	610	2.58	96	5	ND	14	276	.2	7	2	20	2.24	.070	30	25	.63	481	.01	9	.60	.01	.18	1	5
23217	2	13	50	137	.3	7	7	559	2.73	572	5	ND	12	117	.5	14	7	16	1.63	.066	30	26	.16	577	.01	11	.64	.01	.21	1	5
23218	4	24	36	164	.6	14	8	429	2.66	2087	5	ND	10	101	.9	29	2	20	.62	.045	26	43	.10	690	.01	7	.59	.01	.11	1	1340
23219	3	20	39	225	.9	15	11	740	3.56	5219	5	4	11	178	2.0	38	2	22	.97	.031	28	36	.33	654	.01	5	.62	.01	.11	1	3990
23220	2	16	28	177	.4	10	8	750	3.54	5916	5	4	16	320	1.4	33	2	20	2.72	.023	17	22	1.01	198	.01	4	.43	.01	.10	1	2020
23221	2	24	20	117	.5	7	7	621	2.62	4780	5	2	9	359	.6	20	12	20	2.75	.026	17	28	.99	188	.01	5	.51	.01	.13	1	1530
23222	3	25	36	103	.5	7	6	584	2.37	2418	5	ND	12	198	.4	25	5	23	2.43	.020	23	36	.73	410	.01	5	.56	.01	.16	1	730
23223	1	16	19	96	.4	8	7	572	2.48	1538	5	ND	13	219	.3	18	10	26	2.38	.022	31	20	.78	444	.01	4	.40	.01	.12	1	480
23224	3	20	26	136	.3	9	8	651	2.67	1293	5	ND	13	205	.4	22	6	27	2.56	.022	28	35	.85	468	.01	5	.66	.01	.15	1	390
23225	3	20	23	109	.3	7	8	657	2.90	2918	5	ND	12	323	.2	21	6	27	2.57	.019	25	32	.88	385	.01	6	.52	.01	.14	1	790
23226	2	10	30	75	.1	7	6	633	2.67	3730	5	ND	9	419	.5	27	4	24	2.66	.019	19	28	.95	283	.01	6	.37	.01	.10	1	1060
23227	1	1	27	85	.2	7	8	664	3.11	4515	5	2	10	496	.2	32	5	25	2.95	.014	16	19	1.10	212	.01	8	.38	.01	.11	1	1080
23228	1	5	24	93	.1	7	8	638	2.78	783	5	ND	10	320	.2	10	2	27	2.27	.017	31	19	.84	301	.01	4	.42	.01	.06	1	57
23229	2	15	29	92	.4	11	8	677	2.96	2540	5	ND	15	321	.2	20	6	27	2.56	.015	28	19	.94	269	.01	4	.41	.01	.12	1	720
23230	2	16	28	153	.2	9	8	559	3.04	2927	5	ND	11	350	.5	20	6	25	2.26	.019	25	25	.84	212	.01	5	.45	.01	.11	1	710
23231	2	16	23	104	.2	10	8	724	3.03	725	5	ND	13	286	.2	12	2	23	2.51	.016	32	19	1.02	384	.01	4	.42	.01	.12	1	88
23232	4	15	24	324	.4	18	8	492	2.90	1281	5	ND	16	261	.2	15	14	26	2.13	.047	41	21	.66	455	.01	4	.50	.01	.12	1	58
23233	3	15	20	320	.2	18	8	436	3.04	1215	5	ND	17	330	.2	17	6	26	2.08	.061	40	18	.66	719	.01	6	.52	.01	.13	1	200
23234	4	50	20	190	.4	30	10	435	2.89	1691	5	ND	8	285	.4	16	11	32	2.18	.028	17	35	.86	313	.01	7	.44	.01	.16	1	430
23235	7	70	24	140	.3	41	11	270	2.82	969	5	ND	5	185	.5	15	7	25	1.23	.051	16	45	.56	138	.01	6	.40	.01	.16	1	210
23236	8	62	13	78	.4	42	13	282	3.00	847	5	ND	7	183	.2	8	7	13	1.20	.017	21	35	.66	127	.01	7	.32	.01	.18	1	260
23237	1	29	37	106	.5	15	11	959	4.14	1102	5	ND	22	97	.2	13	2	30	1.27	.096	56	32	.07	685	.01	7	.71	.01	.15	1	270
23238	2	37	48	105	.5	22	13	861	4.35	241	5	ND	29	131	.2	6	2	39	2.36	.104	71	39	.09	855	.01	6	.77	.01	.17	1	19
23239	1	29	35	101	.3	24	14	920	4.17	66	5	ND	28	278	.4	6	2	40	3.27	.092	65	41	.38	888	.01	7	.91	.01	.18	1	4
23240	2	25	34	96	.3	23	13	889	3.95	39	5	ND	26	562	.3	7	5	38	3.23	.094	61	44	.98	739	.01	8	.81	.01	.17	1	2
23241	2	24	28	113	.1	26	13	894	4.10	75	5	ND	17	472	.5	14	2	44	2.14	.082	43	31	.91	1254	.01	7	.82	.01	.11	1	2
23242	2	19	26	92	.5	21	13	854	3.98	495	5	ND	16	307	.4	10	2	46	1.53	.068	40	29	.30	1282	.01	7	.99	.01	.12	1	81
23243	1	17	29	75	.1	13	11	863	3.91	167	5	ND	16	224	.6	3	2	30	2.21	.110	43	22	.61	451	.01	5	.76	.01	.15	1	4
23244	2	16	29	77	.1	16	11	1003	3.78	365	5	ND	17	138	.2	6	2	35	1.73	.109	48	30	.14	600	.01	6	.91	.01	.14	1	4
23245	2	10	25	63	.1	10	10	1003	3.63	306	5	ND	16	174	.2	2	3	32	2.31	.103	43	27	.46	465	.01	6	.78	.01	.19	1	1
STANDARD C/AU-R	17	63	38	132	6.9	68	31	1055	3.95	40	15	7	39	53	18.9	15	17	56	.47	.088	40	57	.88	176	.09	33	1.92	.06	.14	12	480

M.H. BERC 91-344

M H BERC 91-345

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 PPN.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: MAY 30 1991 DATE REPORT MAILED: June 3/91. SIGNED BY..... C. Leong ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUN-03-1991 12:44 FROM ACME ANALYTICAL TO 1-403-6676523 P.002

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
123246	3	10	31	71	.1	8	9	841	3.80	172	5	ND	13	228	.2	2	2	35	2.28	.092	36	26	.83	634	.02	12	1.28	.01	.30	1	22
123247	3	11	32	78	.1	8	9	820	3.93	71	5	ND	14	243	.2	4	2	38	2.14	.089	38	14	.85	954	.02	15	1.32	.01	.22	1	7
123248	4	7	26	91	.2	13	12	962	4.03	783	5	ND	14	246	.2	9	2	40	1.92	.070	38	26	.44	850	.02	14	1.48	.01	.21	1	18
123249	4	8	24	92	.3	11	10	669	3.94	2124	5	ND	10	657	.2	14	2	26	2.14	.026	23	39	.74	295	.01	9	.75	.01	.12	1	810
123250	3	10	28	81	.3	10	10	830	3.89	957	5	ND	12	524	.2	9	2	27	2.93	.065	32	28	.97	440	.01	12	.78	.01	.19	1	250
123251	3	14	29	106	.1	16	12	806	4.11	800	5	ND	13	355	.2	7	2	38	2.36	.102	43	25	.70	758	.02	15	1.18	.01	.30	1	13
123252	3	27	41	93	.1	23	14	1061	4.75	65	5	ND	25	387	.2	7	2	42	3.00	.097	67	32	1.60	1309	.01	12	.93	.01	.20	1	8
123253	2	23	27	75	.5	13	11	806	4.28	1525	5	ND	7	744	.2	20	2	29	3.34	.025	21	26	1.28	293	.01	14	.68	.01	.17	1	670
123254	3	11	46	118	.2	8	9	887	3.79	183	5	ND	10	270	.2	9	2	30	2.54	.073	32	27	.98	314	.01	13	.72	.01	.20	1	11
123255	3	13	27	84	.1	6	9	922	4.07	37	5	ND	9	273	.2	5	2	30	2.72	.073	28	31	1.12	339	.01	16	.86	.01	.24	1	20
123256	4	19	29	100	.1	14	11	562	4.23	403	5	ND	10	199	.3	15	2	28	1.33	.094	35	34	.51	425	.01	21	1.04	.01	.28	1	10
123257	3	44	32	193	.1	39	17	271	5.49	948	5	ND	16	143	.6	14	2	62	.30	.155	50	43	.08	1465	.03	16	1.19	.01	.22	2	10
123258	3	58	39	211	.1	54	18	329	6.78	1292	5	ND	22	134	.4	12	2	89	.33	.189	68	62	.06	1104	.02	8	1.08	.01	.11	1	7
123259	5	54	52	164	.6	38	10	245	5.23	746	5	ND	12	92	.5	23	2	36	.20	.073	43	23	.07	794	.01	11	.52	.01	.17	1	17
123260	10	53	27	153	.5	50	17	339	3.28	55	5	ND	8	51	1.0	12	2	17	.10	.024	27	17	.20	240	.01	14	.66	.01	.31	1	23
123261	6	50	22	151	.2	43	17	328	3.27	65	5	ND	6	54	1.1	13	2	14	.16	.016	15	10	.17	339	.01	13	.50	.01	.23	1	31
123332	17	49	26	99	.2	62	10	571	3.74	299	5	ND	12	298	.6	10	2	52	2.50	.230	37	29	.44	861	.01	22	.87	.01	.22	1	38
123333	8	55	18	63	.5	37	7	127	3.59	1822	5	ND	9	82	1.1	19	2	22	.18	.041	26	6	.07	716	.01	15	.65	.01	.27	1	960
123334	8	67	29	178	.2	70	15	370	4.26	2344	5	ND	14	89	2.9	25	3	30	.18	.046	39	23	.05	705	.01	15	.80	.01	.16	1	350
123335	8	45	33	107	1.4	22	9	191	4.21	1057	5	ND	12	77	1.0	22	2	29	.13	.030	38	28	.06	797	.01	21	.76	.01	.18	1	360
123336	8	49	32	92	2.0	34	12	656	3.56	1072	5	ND	9	160	.9	20	2	32	.54	.033	30	32	.23	285	.01	15	.55	.01	.15	1	450
123337	4	20	34	105	.6	21	11	458	3.90	2695	5	ND	13	228	.6	16	2	27	1.10	.075	36	25	.37	235	.01	18	.64	.01	.16	1	600
123338	5	16	21	95	.2	13	10	585	3.51	2399	5	ND	10	435	.4	14	2	28	2.62	.058	25	37	1.80	148	.02	16	.71	.01	.16	1	370
123339	4	15	22	111	.2	17	10	500	3.66	3143	5	ND	12	342	.3	19	2	27	2.14	.076	32	37	.80	167	.01	15	.70	.01	.19	1	770
123340	4	22	33	183	.4	34	14	521	4.27	3081	5	2	13	202	.6	21	2	27	1.62	.072	35	20	.61	456	.01	10	.89	.01	.20	1	900
123341	5	21	25	219	.1	47	15	462	4.06	1798	5	ND	15	116	.6	21	2	35	1.06	.089	41	29	.36	426	.01	7	.96	.01	.17	1	420
123342	4	14	25	238	.1	46	15	525	3.81	836	5	ND	14	108	1.1	18	2	35	.92	.090	41	21	.35	320	.01	7	.89	.01	.15	1	160
123343	3	13	36	225	.1	43	13	658	3.54	557	5	ND	14	171	1.2	12	2	34	1.62	.068	37	24	.62	370	.01	6	.83	.01	.15	1	120
123344	3	14	27	157	.1	26	11	666	3.26	333	5	ND	13	255	.6	7	2	23	2.23	.068	35	16	.85	361	.01	7	.72	.01	.16	1	66
123345	3	8	23	147	.1	21	11	717	3.50	443	5	ND	13	382	.5	7	2	23	2.67	.074	35	15	1.05	411	.01	12	.62	.01	.16	1	91
123346	2	8	21	122	.1	15	9	624	3.25	1311	5	ND	9	507	.5	12	2	24	2.98	.079	27	18	1.08	190	.01	12	.62	.01	.18	1	260
123347	2	26	15	103	.1	27	10	437	2.95	485	5	ND	4	239	.5	13	2	10	4.86	.015	11	15	2.41	163	.01	10	.40	.01	.21	1	260
123348	3	25	11	86	.6	22	9	452	2.65	70	5	ND	3	143	.2	9	2	9	5.67	.010	9	14	2.74	113	.01	13	.31	.01	.19	1	15
123349	8	16	10	64	.2	28	8	386	1.95	31	5	ND	1	55	.2	8	2	18	3.43	.015	4	54	1.64	163	.01	8	.21	.01	.10	1	14
123350	11	26	43	307	.2	52	15	492	4.09	632	5	ND	9	80	1.5	205	4	38	.13	.037	36	61	.37	882	.01	16	1.21	.01	.29	1	62
123351	8	20	50	362	.2	52	28	763	4.09	1183	5	ND	10	69	1.3	173	2	36	.09	.030	37	22	.04	779	.01	12	.85	.01	.20	2	470
STANDARD C/AU-R	18	58	37	134	7.0	70	32	1044	4.00	38	18	6	38	52	18.4	16	19	57	.49	.091	37	58	.89	178	.09	33	1.90	.06	.15	12	520

MH BCRC 91-345

M. H. BCRC 91-350

CAN BCRC 91-351

JUN-03-1991 12:45 FROM ACME ANALYTICAL TO 1-403-6676623 P.003

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-003 File # 91-1499 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
023262	3	13	32	319	.1	36	23	2539	5.87	235	6	ND	16	67	.2	6	2	41	.17	.113	42	8	.04	805	.01	6	.70	.01	.14	2	31
023263	3	13	35	217	.1	27	18	1008	4.36	167	6	ND	18	43	.2	5	2	41	.15	.126	52	16	.02	375	.01	5	.66	.01	.12	1	13
023264	4	12	31	227	.1	35	21	1214	5.01	59	5	ND	17	53	.2	6	5	40	.21	.131	51	29	.04	420	.01	5	.71	.01	.14	1	2
023265	2	15	34	291	.1	50	34	3379	6.52	150	7	ND	20	83	.2	7	5	40	.16	.125	59	20	.04	611	.01	10	.70	.01	.17	1	4
023266	3	35	49	232	.1	58	32	2444	5.94	418	6	ND	26	110	.2	13	2	42	.06	.065	67	23	.03	999	.01	8	.70	.01	.14	2	270
023267	5	28	33	208	.1	55	27	1751	5.38	446	5	ND	13	75	.6	12	5	35	.06	.081	43	11	.04	867	.01	11	.79	.01	.19	2	25
023268	6	50	34	140	.1	45	15	291	3.48	254	5	ND	11	81	.4	13	3	19	.06	.043	38	13	.06	788	.01	11	.70	.01	.24	1	200
023269	4	23	32	142	.4	25	16	1593	4.78	520	5	ND	10	193	.7	15	2	26	1.48	.072	32	24	.52	375	.01	16	.68	.01	.23	1	330
023270	3	11	27	102	.1	13	13	1379	4.28	2285	5	ND	11	193	.2	16	2	27	1.33	.073	29	29	.52	227	.01	13	.71	.01	.23	1	410
023271	2	6	25	73	.1	7	9	904	3.73	2155	5	ND	9	596	.2	11	2	25	2.91	.040	22	19	1.03	147	.01	3	.46	.01	.13	1	480
023272	2	7	27	80	.1	7	9	799	3.85	2549	5	ND	10	499	.2	15	2	27	3.00	.059	21	23	1.15	135	.01	10	.49	.01	.14	1	410
023273	2	14	19	68	.7	7	8	659	3.72	5067	5	2	8	741	.5	22	2	18	2.97	.025	17	21	1.11	106	.01	8	.41	.01	.13	1	1220
023274	9	56	26	163	.2	48	13	301	3.48	792	5	ND	9	185	.6	11	2	22	.37	.030	33	11	.17	743	.01	6	.46	.01	.17	1	71
023275	3	60	31	223	.1	71	13	455	4.84	685	5	ND	16	104	.8	9	2	59	.15	.106	47	52	.04	696	.01	4	.70	.01	.05	2	18
023276	7	49	30	135	.1	39	7	168	4.67	283	6	ND	11	112	.6	9	2	30	.08	.069	31	9	.05	1070	.01	9	.58	.01	.17	1	7
023277	5	44	26	65	.1	30	7	54	2.88	75	5	ND	6	67	.5	8	2	15	.06	.035	9	3	.06	946	.01	9	.55	.01	.22	1	5
023278	7	25	29	73	.2	20	5	77	2.77	32	5	ND	5	56	.2	9	2	16	.05	.027	8	1	.05	1334	.01	11	.52	.01	.21	1	2
023279	4	58	23	158	.3	40	15	192	3.29	107	6	ND	7	54	2.9	8	2	15	.06	.034	7	4	.07	435	.01	13	.53	.01	.23	1	15
023280	4	60	36	244	.2	67	24	310	4.26	95	5	ND	12	81	2.6	10	2	18	.07	.046	38	2	.06	615	.01	8	.66	.01	.23	1	3
023281	3	39	70	126	1.0	36	18	1156	5.43	4112	5	ND	25	109	.4	33	2	35	.23	.040	68	19	.04	831	.01	7	.61	.01	.11	1	920
023282	3	39	50	104	.1	31	18	1119	4.75	1811	5	ND	24	132	.2	34	3	41	.28	.054	60	1	.05	2140	.01	6	.61	.01	.11	1	310
023283	3	38	47	150	.1	55	22	1277	6.13	1022	5	ND	27	206	.2	57	2	47	.12	.089	67	12	.05	1587	.01	5	.77	.01	.10	1	51
023284	2	21	47	83	.3	24	10	374	3.58	753	5	ND	22	175	.2	31	2	42	.09	.068	62	10	.04	1336	.01	7	.67	.01	.11	1	72
023285	2	11	42	88	.4	20	8	342	4.72	1294	5	ND	20	153	.4	33	2	40	.11	.069	54	1	.03	1677	.01	7	.65	.01	.12	1	370
023286	3	17	43	98	.4	19	8	203	3.71	1037	5	ND	10	200	.3	27	5	40	.08	.073	32	1	.03	2156	.01	6	.67	.01	.12	1	200
023287	3	38	49	172	1.0	27	13	543	3.41	1422	5	ND	11	234	1.9	30	3	35	.15	.068	44	1	.03	1066	.01	7	.59	.01	.17	1	390
023288	2	47	45	212	3.1	51	14	365	8.45	3903	5	ND	19	174	3.0	47	3	81	.15	.087	52	24	.02	1159	.01	7	.54	.01	.08	1	3410
023289	2	39	54	91	6.9	26	9	257	4.80	2631	5	2	18	146	1.3	32	2	69	.14	.072	55	7	.03	2170	.01	7	.58	.01	.11	1	5060
023290	1	14	60	20	.7	7	3	53	.44	156	5	ND	8	96	.2	13	4	16	.14	.026	26	1	.05	1165	.01	6	.51	.01	.20	1	650
023291	5	62	21	148	.4	41	14	252	3.44	355	5	ND	6	95	.5	15	3	28	.10	.033	13	8	.04	759	.01	6	.54	.01	.16	1	24
023292	5	61	35	162	.2	44	15	314	3.49	147	5	ND	7	78	.5	10	3	23	.08	.027	20	1	.05	706	.01	6	.55	.01	.20	1	10
023293	4	61	42	169	.3	42	15	242	3.00	124	5	ND	8	80	.4	10	2	21	.08	.031	19	1	.05	755	.01	7	.56	.01	.21	1	6
023294	4	68	51	161	.1	36	9	135	3.03	150	5	ND	10	74	.8	11	3	18	.11	.056	42	3	.04	522	.01	6	.53	.01	.23	1	14
023295	4	28	29	122	.4	23	13	830	4.19	300	5	ND	11	211	.4	11	2	39	1.62	.087	34	16	.55	584	.01	8	.50	.01	.16	1	56
023296	2	6	27	76	.1	8	9	726	3.46	992	5	ND	10	475	.2	8	2	34	2.87	.076	27	17	.97	361	.01	7	.50	.01	.14	1	180
023297	2	10	30	69	.1	8	9	772	3.57	1564	5	ND	9	546	.2	12	2	29	3.02	.047	23	20	1.09	214	.01	6	.47	.01	.13	1	270
STANDARD C/AU-R	18	59	40	132	7.1	70	33	1050	3.98	38	16	7	38	52	18.5	14	19	55	.48	.090	38	58	.89	177	.09	34	1.89	.06	.15	11	480

MH. BCRC 91-346

MH BCRC 91-347

MH BCRC 91-348

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: ROCK PULP

DATE RECEIVED: MAY 30 1991 DATE REPORT MAILED: June 3/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
023298	3	12	30	81	.2	8	11	836	3.94	858	5	ND	13	578	.2	6	2	34	3.20	.077	34	27	1.12	313	.01	8	.75	.01	.16	1	140
023299	3	11	30	89	.3	10	11	874	4.22	1281	5	ND	13	699	.3	7	2	39	3.17	.076	34	27	1.17	204	.01	6	.76	.01	.15	1	240
023300	3	12	18	94	.1	12	12	1016	4.35	784	5	ND	16	214	.2	5	2	38	1.58	.125	51	25	.54	312	.01	8	.89	.01	.23	1	87
023301	3	11	45	91	.4	11	12	1137	4.72	856	5	ND	13	370	.2	15	2	39	2.55	.060	34	32	.74	213	.01	7	.81	.01	.17	1	130
023302	3	11	29	79	.1	8	11	812	3.96	641	5	ND	14	225	.2	3	2	33	1.98	.102	43	20	.63	420	.01	6	.84	.01	.21	1	110
023303	3	11	21	87	.5	15	12	971	3.78	348	5	ND	14	263	.3	3	2	40	2.03	.112	43	35	.68	257	.01	7	1.03	.01	.21	1	56
023304	3	13	14	95	.1	17	14	866	3.91	168	5	ND	15	88	.2	2	2	61	.65	.123	51	39	.42	337	.01	5	1.40	.01	.22	1	4
023305	3	10	20	103	.1	19	16	818	4.29	395	5	ND	14	125	.2	2	2	44	1.11	.121	50	5	.34	1496	.01	2	1.20	.01	.25	1	4
023306	3	11	42	93	.4	20	13	564	4.78	1665	5	ND	11	287	.2	18	2	30	1.56	.070	38	22	.50	540	.01	10	.82	.01	.21	1	360
023307	3	22	39	118	.2	16	14	799	4.54	282	5	ND	12	234	.3	6	2	32	1.44	.101	42	18	.52	680	.01	9	.75	.01	.19	1	6
023308	3	33	40	106	.1	25	16	967	5.02	82	5	ND	30	402	.2	2	2	45	2.95	.157	89	30	1.41	1024	.01	6	.78	.01	.22	1	9
023309	3	25	49	156	.1	26	14	1013	5.25	201	5	ND	24	282	.2	6	3	34	1.98	.131	78	41	.87	268	.01	10	.77	.01	.30	1	4
023310	3	12	51	159	.3	12	10	989	4.37	113	5	ND	12	386	.9	5	2	20	2.84	.096	49	24	1.04	313	.01	15	.89	.01	.27	1	1
023311	3	41	17	129	.1	35	20	1129	5.05	43	5	ND	19	267	.2	12	2	98	2.43	.150	61	81	1.55	816	.10	4	1.28	.01	.47	1	2
023312	3	48	11	124	.2	38	20	922	5.64	28	5	ND	18	198	.2	13	3	139	2.65	.158	58	123	2.08	770	.24	2	2.00	.03	.84	1	2
023313	3	69	35	224	.3	51	22	604	4.88	126	5	ND	16	164	.6	8	3	61	.81	.099	56	24	.44	1358	.01	13	.96	.01	.34	1	4
023314	4	66	129	422	1.1	46	16	486	4.44	129	5	ND	10	133	2.2	9	2	23	.30	.040	37	21	.42	572	.01	15	.83	.01	.34	1	5
023315	5	41	94	158	.6	24	8	620	2.52	46	5	ND	4	113	.7	11	2	17	.58	.025	14	42	.50	717	.01	8	.55	.01	.23	1	3
023316	10	56	29	110	.1	36	11	214	3.23	373	5	ND	6	72	.2	9	2	29	.12	.034	10	1	.08	2468	.01	11	.82	.01	.22	1	53
023317	14	76	23	141	.4	22	6	48	3.04	152	5	ND	6	78	.2	3	2	50	.15	.033	6	1	.07	2947	.01	12	.92	.01	.30	1	16
023318	7	43	24	78	.4	14	4	42	1.80	171	5	ND	5	84	.2	6	2	29	.15	.036	7	1	.07	1781	.01	13	.82	.01	.28	1	30
023319	12	30	27	15	.4	8	1	19	1.86	201	5	ND	5	74	.2	12	2	27	.13	.033	8	16	.07	261	.01	11	.68	.01	.41	1	30
023320	13	32	23	38	.9	19	2	20	1.40	429	5	ND	5	86	.2	26	2	59	.14	.033	18	16	.06	741	.01	13	.68	.01	.29	1	430
023321	14	42	28	217	1.6	61	8	105	3.43	2982	5	ND	8	110	3.6	26	2	43	.13	.037	31	11	.03	1092	.01	4	.66	.01	.17	2	1240
023322	4	26	41	289	.6	72	16	707	4.64	5751	6	ND	15	99	4.3	22	2	33	.15	.036	49	5	.04	917	.01	10	.86	.01	.14	1	1260
023323	4	17	34	160	.4	31	13	647	4.02	3497	5	ND	12	148	1.1	24	2	30	.58	.041	37	7	.19	955	.01	2	.78	.01	.14	1	1250
023324	3	19	29	119	.3	28	11	708	3.19	3447	5	ND	11	203	.5	16	2	28	1.60	.058	29	13	.38	774	.01	7	.75	.01	.15	1	590
023325	3	12	26	126	.3	16	12	918	3.92	3183	5	ND	10	353	.2	16	2	29	3.18	.046	23	30	1.21	103	.01	8	.73	.01	.17	1	300
023326	3	16	30	127	.4	23	14	944	4.03	2271	5	ND	11	301	.3	18	2	32	2.41	.036	27	20	.94	384	.01	5	.60	.01	.12	1	430
023327	2	15	31	113	.3	18	12	868	3.78	2524	5	ND	10	497	.3	17	2	31	2.97	.047	24	24	1.17	113	.01	8	.64	.01	.14	1	310
023328	3	28	90	131	.9	20	12	783	3.64	2408	5	ND	10	377	.3	27	2	28	2.15	.055	29	21	.81	382	.01	9	.66	.01	.15	1	290
023329	3	39	216	177	1.9	13	8	650	3.18	4049	5	ND	9	252	1.0	42	3	17	2.55	.060	27	28	.91	140	.01	6	.73	.01	.23	1	1020
023330	4	72	79	125	3.2	14	7	595	3.16	4487	5	ND	7	307	.9	36	5	29	2.79	.155	18	45	1.04	94	.01	11	.89	.01	.24	1	1040
023331	11	72	24	324	1.1	63	14	265	3.49	165	5	ND	4	205	2.7	28	3	40	.88	.079	19	35	.46	62	.01	12	.80	.01	.32	1	140
STANDARD C/AU-R	18	57	37	131	7.2	70	32	1044	3.94	38	17	6	38	52	18.4	16	19	55	.48	.089	37	58	.88	176	.09	34	1.88	.06	.15	11	470

M.H. BERC 91-348

M.H. BERC 91-349

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
023352	6	15	53	260	1.2	38	9	280	3.42	1935	5	NI	12	73	.3	11(	2	30	.05	056	40	56	.04	136	.01	11	1.01	.01	.17	1	1060
023353	14	15	42	429	.3	59	17	560	4.43	430	5	NI	13	89	.8	33(	2	38	.04	050	38	97	.04	156	.01	12	1.25	.01	.18	1	30
023354	14	23	63	548	.4	100	34	1369	4.76	606	5	NI	14	76	.9	84!	2	39	.03	059	40	54	.03	140	.01	10	1.03	.01	.15	2	27
023355	27	31	40	623	.4	90	18	413	8.63	1589	5	NI	12	75	.4	3541	2	36	.1	084	43	57	.04	110	.01	16	1.10	.01	.19	1	41
023356	20	44	39	479	.3	89	9	61	6.44	578	5	NI	12	88	.8	172(	2	39	.09	088	45	45	.04	059	.01	13	.83	.01	.16	1	40
023357	3	48	16	310	.1	89	20	219	5.18	54	5	NI	8	54	.9	10(	2	24	.1	040	29	29	.05	833	.01	8	.69	.01	.18	1	11
023358	14	39	17	256	.3	53	12	137	3.91	37	5	NI	6	48	.6	2(	2	27	.1	029	9	20	.05	788	.01	8	.54	.01	.20	1	6
023359	21	57	18	310	.5	75	11	149	3.25	29	5	NI	4	50	.3	2(	2	43	.2	024	5	22	.06	718	.01	12	.67	.01	.23	2	2
023360	7	32	21	529	.3	80	19	282	4.37	26	5	NI	7	58	.3	1(	2	39	.1	042	15	37	.05	836	.01	11	.77	.01	.20	1	4
023361	7	31	39	764	.3	36	7	67	4.15	30	5	NI	9	76	.0	1(	2	49	.0	062	27	52	.04	106	.01	14	.67	.01	.20	1	4
023362	9	24	13	252	.4	36	8	399	2.32	24	5	NI	4	298	.8	3(	2	52	3.9	034	4	42	1.99	239	.01	14	.54	.02	.20	1	2
023363	9	46	19	436	1.6	42	9	637	3.20	2142	5	NI	6	345	.2	193	5	65	2.7	048	13	51	.95	124	.01	12	.61	.01	.14	1	780
023364	22	33	21	283	2.8	31	5	500	2.51	1996	5	NI	6	374	.3	8(	2	159	1.8	137	17	74	.56	143	.01	15	.71	.01	.18	1	730
023365	22	46	23	411	3.0	42	7	384	2.93	92	5	NI	8	363	.6	100	3	119	1.3	151	18	67	.52	101	.01	17	.77	.01	.19	1	42
023366	46	49	10	203	4.8	26	2	19	.86	44	5	NI	3	366	.7	16	2	366	.2	205	6	136	.04	821	.01	20	.59	.01	.17	1	35
023367	14	84	16	786	2.5	113	15	495	2.74	37	20	NI	13	536	.0	7	2	178	4.6	806	36	215	1.39	169	.07	10	.94	.01	.34	1	1
023368	30	134	7	653	3.5	59	3	201	1.44	27	11	NI	4	426	.6	2	4	270	3.8	811	19	238	.62	185	.01	23	.71	.01	.23	1	4
023369	12	38	50	479	.4	73	16	201	5.99	1064	5	NI	13	75	.7	134	2	42	.1	063	38	51	.05	722	.01	9	.80	.01	.13	1	75
023370	15	25	28	539	.2	84	15	336	6.44	1296	5	NI	10	62	.5	132	2	38	.1	059	39	46	.03	684	.01	11	.65	.01	.11	1	56
023371	19	29	18	471	.4	94	12	166	5.31	1078	5	NI	7	81	.3	146	2	26	.1	076	26	70	.02	023	.01	10	.51	.01	.14	1	14
023372	8	43	24	264	.6	62	13	103	3.12	125	5	NI	6	60	.7	10	2	33	.1	048	22	33	.04	417	.01	11	.58	.01	.20	1	8
023373	7	60	30	202	.9	42	9	79	2.77	49	5	NI	7	59	.8	4	2	26	.1	044	18	29	.04	242	.01	8	.60	.01	.21	1	6
023374	14	63	15	366	.2	54	8	15	4.65	40	5	NI	3	45	.1	5	2	27	.1	031	4	27	.04	215	.01	9	.78	.02	.24	1	6
023375	17	39	18	304	.3	56	10	37	4.71	41	5	NI	3	53	.8	5	2	30	.2	046	4	20	.05	916	.01	9	.66	.02	.22	1	7
023376	21	34	41	293	1.8	35	9	138	3.66	422	5	NI	13	224	.3	155	4	110	.1	101	40	33	.03	426	.01	7	.52	.01	.30	1	220
023377	28	74	44	376	1.9	45	8	249	3.01	1439	5	NI	7	239	.4	158	2	224	.1	129	25	77	.03	865	.01	10	.80	.01	.10	1	650
023378	29	146	18	377	2.5	94	5	33	2.30	226	15	NI	4	575	.8	26	4	358	.2	206	13	78	.03	403	.01	11	.78	.01	.13	1	26
023379	29	55	19	171	4.3	48	3	33	2.05	105	5	NI	3	395	.0	11	4	273	.3	350	13	73	.04	759	.01	12	.63	.01	.17	1	9
023380	12	40	52	404	2.4	35	3	8	3.57	2643	5	NI	10	260	1.6	189	2	105	.1	138	32	44	.03	030	.01	12	.65	.01	.15	1	1040
023381	24	80	33	263	3.7	36	3	15	2.23	544	10	NI	5	357	.6	74	2	200	.1	191	16	72	.03	120	.01	7	.61	.01	.13	1	200
023382	3	17	20	460	1.2	30	10	609	3.68	1676	5	NI	8	295	.9	16	2	34	2.2	059	17	32	.5	155	.01	7	.48	.01	.11	1	750
023383	31	117	18	848	4.7	97	5	295	1.63	181	5	NI	3	368	2.9	187	2	351	2.8	465	15	122	.5	125	.01	9	.68	.01	.11	1	73
023384	13	101	27	907	2.8	117	7	403	2.24	64	5	NI	7	318	1.2	8	2	97	3.2	424	25	118	.7	170	.01	11	.63	.01	.18	1	14
023385	12	64	23	637	.5	62	10	547	2.95	44	5	NI	11	484	1.2	2	2	90	3.6	418	34	73	1.1	179	.01	7	.68	.01	.17	1	7
023386	58	152	20	2661	3.2	142	6	214	1.19	61	8	NI	4	263	3.6	3	4	598	4.5	354	19	121	1.5	215	.01	14	.57	.01	.21	1	3
023387	56	138	7	2056	3.9	76	2	63	.95	89	5	NI	2	160	3.9	4	8	1550	1.4	278	21	159	.2	330	.01	14	.62	.01	.21	1	3
STANDARD C/AU-R	19	59	41	132	7.4	71	34	1056	3.96	37	17	)	41	52	6.6	1	19	55	.4	089	39	57	.8	177	.09	32	1.93	.06	.15	12	490

CAN. BCRC 91-351

CAN BCRC 91-352

JUN-03-1991 12:46 FROM ACME ANALYTICAL TO 1-403-6676623 P.004

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
3388	10	52	39	457	.5	91	20	298	4.31	237	5	ND	8	56	2.2	260	2	37	.14	.054	27	27	.09	926	.01	18	.83	.01	.29	1	29
3389	16	53	49	494	.4	61	17	646	5.07	189	5	ND	12	103	2.8	466	2	55	.10	.096	47	71	.06	1568	.01	24	1.36	.01	.32	1	4
3390	10	31	41	266	1.3	37	6	70	3.37	702	5	ND	5	77	1.0	720	11	59	.16	.064	26	32	.05	1107	.01	12	.78	.01	.21	1	1130
3391	8	23	20	148	2.6	45	6	18	.50	153	5	ND	5	92	4.6	16844	2	101	.31	.044	17	35	.03	1199	.01	10	.57	.01	.13	1	480
3392	9	10	22	37	3.2	18	2	19	.30	80	5	ND	3	393	2.3	479	5	201	.22	.236	12	61	.03	5501	.01	13	.89	.01	.14	1	83
3393	9	22	17	75	1.8	33	1	33	.32	47	5	ND	1	73	5.4	106	2	108	.22	.036	9	39	.02	847	.01	8	.36	.01	.08	1	28
3394	22	75	33	99	3.8	24	1	18	1.51	126	5	ND	4	272	3.3	137	2	177	.23	.085	14	52	.03	898	.01	7	.52	.01	.18	1	220
3395	16	60	33	113	1.5	33	1	10	2.22	1026	5	ND	6	404	3.3	171	8	367	.17	.198	24	76	.03	1144	.01	6	1.08	.01	.10	1	810
3396	22	218	6	310	4.1	100	3	32	1.31	207	5	ND	3	763	34.9	89	6	747	1.69	.853	21	165	.07	4881	.01	16	1.49	.01	.18	1	86
3397	33	163	2	683	5.2	138	5	177	1.50	65	5	ND	5	414	69.0	47	5	721	2.64	.996	28	181	.09	2142	.01	23	1.12	.01	.26	2	22
3398	33	190	2	601	3.0	130	2	51	1.39	47	5	ND	3	370	27.2	33	24	959	3.14	1.183	23	201	.10	1093	.01	26	1.09	.01	.31	1	3
3399	32	174	2	477	4.0	134	2	11	1.32	54	5	ND	2	425	15.9	27	2	590	2.68	1.051	26	211	.09	1681	.01	22	.94	.01	.22	1	5
3400	16	135	26	535	1.9	89	10	498	2.46	63	5	ND	9	354	21.6	36	2	374	1.65	.657	38	161	.11	2405	.01	14	1.18	.01	.18	1	7
3401	2	39	26	333	.2	36	13	872	4.00	37	5	ND	15	373	15.4	17	2	48	2.95	.102	42	72	1.01	649	.01	11	1.32	.01	.24	1	3
3402	15	121	17	440	2.6	89	7	393	2.19	68	5	ND	9	522	19.9	27	10	315	3.04	.564	33	139	.52	1789	.01	10	.91	.01	.17	1	5
3403	39	172	2	740	3.1	71	2	50	.90	46	5	ND	2	469	39.5	26	2	1043	1.24	.615	22	256	.09	3951	.01	13	.82	.01	.14	1	7
3404	42	123	16	1889	1.4	182	7	284	1.76	39	5	ND	6	307	52.7	24	14	788	1.10	.158	16	173	.28	320	.01	13	.74	.01	.17	1	10
3405	86	247	2	2449	.1	131	3	45	.87	59	5	ND	2	142	50.2	41	21	1917	.93	.144	17	169	.15	667	.01	13	.66	.01	.17	1	4
3406	41	106	5	550	.7	42	1	29	1.02	57	5	ND	3	270	27.6	31	6	737	1.83	.660	15	145	.06	770	.01	18	.73	.01	.20	2	3
3407	17	36	18	255	1.0	40	7	153	3.78	1100	5	ND	11	183	4.4	879	5	113	.19	.082	49	94	.07	1291	.01	17	1.03	.01	.25	1	320
3408	8	19	31	175	.5	22	7	301	2.69	642	5	ND	11	115	1.8	235	2	53	.11	.059	43	64	.04	949	.01	14	.81	.01	.15	1	290
3409	4	20	39	241	.1	23	14	916	3.76	146	5	ND	15	62	1.1	58	6	29	.23	.102	57	49	.06	583	.01	14	.92	.01	.19	1	29
3410	3	34	30	293	.3	72	22	556	4.18	199	5	ND	10	57	1.8	58	2	34	.19	.069	47	30	.06	578	.01	11	.75	.01	.19	1	26
3411	3	31	20	184	.2	54	17	475	4.20	51	5	ND	11	113	1.7	43	2	38	.98	.061	42	28	.29	758	.01	15	1.00	.02	.29	1	11
3412	2	18	30	162	.1	25	13	757	3.92	225	5	ND	11	118	.8	42	2	36	2.10	.075	46	35	.17	1697	.02	18	1.15	.01	.22	1	11
3413	2	27	41	215	.4	31	16	639	3.94	793	5	ND	10	76	.6	58	2	37	.50	.031	33	37	.06	1563	.01	18	1.05	.01	.21	1	6
3414	4	21	37	305	.4	43	19	621	4.17	258	5	ND	12	80	1.0	70	2	37	.30	.035	34	41	.06	854	.01	20	1.25	.01	.23	1	21
3415	2	21	31	237	.2	31	15	950	4.02	333	5	ND	13	114	1.4	36	2	36	1.95	.057	44	38	.12	827	.01	24	1.28	.01	.24	1	67
3416	1	10	23	202	.1	22	12	781	3.64	139	5	ND	14	246	.9	17	2	31	2.54	.087	46	30	.54	481	.01	13	.95	.01	.20	1	6
3417	2	21	43	238	.4	30	14	882	4.11	775	5	ND	13	142	1.2	62	2	45	1.09	.062	46	43	.14	908	.01	19	1.21	.01	.23	2	310
3418	1	16	50	314	.3	30	13	772	3.86	682	5	ND	11	213	1.6	49	2	33	2.28	.040	35	30	.33	752	.01	16	.81	.01	.19	1	160
3419	2	21	16	289	.2	31	12	913	4.04	1108	5	ND	10	121	1.5	96	2	39	1.54	.081	42	34	.20	860	.01	20	1.06	.01	.22	1	210
3420	5	19	44	366	.4	33	14	1012	4.38	923	5	ND	14	112	1.0	105	2	45	1.18	.082	42	38	.09	1153	.01	33	1.39	.01	.31	1	160
3421	14	38	37	362	2.4	43	7	251	2.76	363	5	ND	6	125	2.3	2557	2	105	.40	.046	16	34	.04	1799	.01	9	.56	.01	.13	1	87
3422	13	50	57	616	.7	53	12	706	3.45	296	8	ND	8	133	5.5	427	6	92	.42	.052	19	42	.17	855	.01	11	.65	.01	.16	1	74
3423	30	41	31	250	1.9	42	5	98	1.66	80	12	ND	6	225	2.8	80	9	211	.28	.100	13	65	.06	1071	.01	18	.64	.01	.18	1	66
STANDARD C/AU-R	18	63	42	132	7.1	70	32	1063	3.94	38	24	6	40	53	19.0	15	19	57	.48	.090	40	59	.84	175	.09	32	1.91	.06	.15	11	470

CAN BCRC 91-353

CAN BCRC 91-354

JUN-03-1991 12:47 FROM ACME ANALYTICAL TO 1-403-6676622 P.005

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
023424 CAN BERC 91-354	30	47	15	460	1.9	53	6	83	1.91	55	5	ND	3	171	7.6	72	2	234	.41	.096	12	33	.17	1150	.01	17	.64	.01	.19	3	74
023425	33	33	25	205	2.0	30	3	128	.73	22	5	ND	2	125	2.2	33	2	258	1.47	.060	11	19	.14	973	.01	13	.41	.01	.16	1	39
023426	11	19	41	359	.2	52	17	355	4.32	816	5	ND	16	82	3.6	1103	2	37	.08	.066	55	10	.04	1078	.02	15	1.09	.01	.21	3	100
023427	8	20	30	239	.2	51	11	228	3.39	562	5	ND	14	112	2.7	614	2	42	.07	.063	52	8	.03	1114	.01	12	1.06	.01	.18	2	74
023428	6	17	28	185	.3	26	8	101	2.67	867	5	ND	12	109	1.5	160	2	41	.10	.040	47	1	.04	1843	.01	13	.82	.01	.21	2	300
023429	6	18	41	93	.4	14	5	120	2.57	910	5	ND	8	104	1.1	346	2	35	.12	.025	33	19	.04	896	.01	18	.77	.01	.24	1	270
023430	5	23	48	266	.3	36	18	436	3.47	1498	5	ND	9	74	2.7	194	2	36	.07	.019	34	18	.03	684	.01	14	.77	.01	.17	2	410
023431	6	23	49	301	.4	37	17	688	3.94	1510	5	ND	9	75	3.5	257	2	47	.07	.027	32	38	.04	763	.02	15	1.08	.01	.20	3	530
023432	5	21	55	339	.1	37	14	838	4.32	2025	5	ND	9	72	2.4	137	2	45	.07	.027	37	30	.05	678	.01	21	1.06	.01	.25	3	680
023433	4	19	42	358	.2	39	16	860	3.94	376	5	ND	11	77	1.1	89	2	44	.06	.032	32	30	.05	803	.01	15	1.01	.01	.19	3	68
023434	3	21	66	413	.2	39	19	960	4.10	356	5	ND	11	84	1.1	87	2	46	.07	.034	33	22	.06	910	.02	17	1.06	.01	.18	3	34
023435	3	24	52	312	.5	35	15	913	4.33	2274	5	ND	8	78	1.0	89	2	41	.58	.030	28	21	.06	820	.01	23	.84	.01	.21	1	560
023436	4	10	32	305	.1	47	16	1316	4.07	459	5	ND	8	55	.4	59	2	40	.29	.016	33	19	.06	625	.01	37	1.15	.01	.28	1	97
023437	12	26	29	259	1.3	33	7	279	2.51	2897	5	ND	4	119	1.2	144	2	86	.16	.038	17	5	.02	1137	.01	6	.43	.01	.11	1	1470
023438	30	35	17	118	2.6	30	3	35	1.48	253	5	ND	1	193	.2	85	2	234	.19	.100	6	1	.02	2353	.01	9	.40	.01	.13	1	81
023439	32	36	17	420	1.4	66	6	241	1.81	211	5	ND	2	201	11.9	62	2	217	.19	.095	8	6	.03	1383	.01	15	.54	.01	.22	3	29
023440	18	25	19	155	1.3	34	3	94	.96	89	5	ND	2	185	2.2	41	2	145	.15	.084	8	6	.03	1652	.01	11	.42	.01	.15	1	44
023441	12	28	13	39	1.3	16	1	22	.47	22	5	ND	1	116	.2	21	2	127	.10	.037	6	16	.03	1125	.01	11	.36	.01	.15	1	37
023442	11	33	22	40	3.5	17	1	11	.30	16	5	ND	1	98	.2	47	2	183	.09	.038	6	25	.03	1120	.01	8	.36	.01	.12	1	110
023443	15	40	15	159	4.2	31	3	39	.68	23	5	ND	2	257	2.8	41	2	319	.90	.297	9	35	.16	1788	.01	13	.63	.01	.20	1	86
023444	19	60	15	168	3.7	34	3	42	1.08	47	5	ND	2	363	3.5	41	2	385	.87	.487	11	29	.06	1745	.01	14	.75	.01	.22	1	88
023445	6	25	26	218	.2	29	12	796	3.63	982	5	ND	17	66	2.0	522	2	44	.24	.082	51	14	.05	1001	.01	4	.72	.01	.19	1	150
023446	4	18	13	134	.1	20	11	755	3.92	728	5	ND	15	65	.5	217	2	47	1.40	.109	56	17	.17	698	.04	4	.75	.03	.33	1	91
023447	4	16	27	232	.1	22	14	888	4.34	1550	5	ND	16	62	.9	211	2	41	.32	.094	58	12	.05	782	.01	6	.74	.01	.19	1	290
023448	4	19	23	188	.1	21	13	1047	4.05	803	5	ND	19	72	.4	104	3	38	1.70	.104	61	14	.06	680	.01	11	.79	.01	.23	1	93
023449	3	17	55	270	.2	22	12	943	3.87	607	5	ND	18	87	1.7	161	2	38	1.61	.099	58	15	.05	630	.02	9	.87	.01	.15	1	140
023450	4	17	30	251	.1	33	13	874	3.85	634	5	ND	17	50	3.2	182	2	38	.73	.108	58	6	.05	1188	.02	11	1.02	.01	.22	1	160
023451	3	17	28	197	.1	19	14	872	3.85	1029	5	ND	15	65	.7	109	3	32	1.85	.107	55	1	.08	2295	.03	16	.89	.01	.33	1	160
023452	3	22	22	241	.1	38	14	876	3.94	1485	5	ND	12	59	.6	111	2	32	1.22	.104	51	8	.06	769	.01	12	.69	.01	.30	1	410
023453 CAN BERC 91-356	4	22	20	263	.2	34	29	902	4.03	2320	5	ND	13	59	1.5	493	2	31	.77	.099	51	26	.05	470	.01	9	.68	.01	.30	1	920
023454	4	20	38	308	.2	34	19	818	4.16	1264	5	ND	14	60	.9	252	2	34	.65	.097	50	20	.05	449	.01	6	.66	.01	.21	1	310
023455	5	21	42	426	.6	40	14	552	4.35	2314	5	ND	14	63	2.7	287	2	33	.36	.098	48	18	.04	460	.01	8	.60	.01	.18	1	470
023456	9	23	59	691	.6	62	16	685	5.34	2413	5	ND	13	99	2.2	416	2	35	.28	.078	51	9	.04	780	.01	7	.65	.01	.17	4	320
023457	9	19	41	843	.1	73	19	590	5.40	2695	5	ND	12	123	2.2	530	2	35	.24	.072	53	4	.04	951	.01	9	.73	.01	.19	4	270
023458	5	32	38	712	.7	69	16	652	4.66	4943	5	ND	9	125	3.9	605	2	39	.25	.048	43	7	.04	715	.01	7	.66	.01	.17	4	1820
023459	9	24	24	164	2.0	18	4	43	1.95	942	5	ND	5	151	.2	179	2	43	.15	.017	20	13	.06	854	.01	10	.55	.01	.27	1	3370
STANDARD C/AU-R	19	61	38	133	7.2	70	33	1074	3.99	36	19	7	39	52	18.6	14	19	57	.50	.090	40	57	.87	178	.09	34	1.90	.06	.15	13	480

JUN-03-1991 12:48 FROM ACME ANALYTICAL TO 1-403-6676623 P.006

MPLE#	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
3460 CAN BERC 91-356	16	40	20	349	1.2	56	6	40	2.77	803	5	ND	3	168	.3	137	2	134	.20	.071	15	1	.04	2264	.01	3	.49	.01	.12	1	450
3461	30	85	12	388	5.3	102	10	28	1.75	127	5	ND	2	681	4.1	128	2	476	.50	.785	16	1	.03	9798	.01	13	1.13	.01	.09	3	72
3462	14	61	19	488	.5	76	12	142	3.63	273	5	ND	3	83	4.0	131	2	38	.18	.034	11	1	.04	1369	.01	9	.58	.01	.18	1	24
3463	12	40	22	410	.7	54	9	78	2.33	216	5	ND	2	85	2.2	209	2	46	.18	.026	7	1	.05	1740	.01	8	.62	.01	.20	1	7
3464	12	45	19	360	.6	57	9	97	2.61	155	5	ND	2	95	3.5	162	2	40	.17	.031	5	1	.05	1105	.01	7	.58	.01	.18	1	5
3465	11	34	12	384	1.0	48	10	77	2.94	122	5	ND	1	59	.9	32	4	32	.11	.026	2	1	.04	1861	.01	6	.33	.01	.11	1	4
3466	12	44	19	307	.6	53	12	97	3.39	153	5	ND	2	62	.7	120	2	45	.08	.030	4	1	.04	1806	.01	10	.71	.02	.23	1	8
3467	21	65	19	294	.8	80	16	159	2.27	290	5	ND	2	113	6.4	279	2	101	.20	.031	7	1	.04	2284	.01	8	.60	.01	.15	1	87
3468	21	40	14	744	1.4	94	18	281	1.90	145	5	ND	1	167	6.0	297	2	157	.24	.057	6	1	.04	3270	.01	12	.50	.01	.12	2	36
3469	18	23	18	183	.9	48	6	119	1.02	56	5	ND	2	96	2.2	202	2	133	.18	.034	14	1	.06	2181	.01	17	.70	.01	.23	1	11
3470 CAN. BERC 91-357	21	29	19	261	.9	61	12	171	2.58	86	5	ND	4	55	.9	265	3	67	.12	.031	20	1	.05	1550	.01	13	.50	.01	.19	1	10
3471	11	39	35	314	1.2	50	16	595	4.39	386	5	ND	5	264	2.4	174	2	39	2.16	.016	18	36	.86	137	.01	8	.44	.01	.12	1	290
3472	11	23	31	330	1.2	39	8	260	1.78	1152	5	ND	4	220	2.2	115	2	113	.97	.049	17	40	.40	292	.01	9	.62	.01	.12	1	820
3473	27	54	7	114	.7	72	11	85	1.71	38	5	ND	1	81	1.4	50	2	54	.45	.009	3	94	.26	77	.01	9	.29	.01	.09	1	12
3474	32	48	13	191	.9	56	10	82	1.89	68	5	ND	1	61	2.9	67	2	77	.10	.019	7	180	.05	72	.01	10	.39	.01	.13	1	27
3475	27	87	13	197	.6	99	9	61	1.71	78	5	ND	1	100	2.6	96	2	78	.11	.034	3	99	.05	72	.01	5	.41	.01	.08	1	18
3476	35	73	9	456	1.0	90	7	59	1.30	46	5	ND	1	141	6.5	52	2	138	.27	.144	3	69	.03	85	.01	11	.44	.01	.10	1	5
3477	23	42	5	193	.4	54	6	64	1.02	44	5	ND	1	63	2.4	33	2	72	.10	.018	2	117	.04	104	.01	9	.25	.01	.07	1	10
3478	23	73	10	238	1.0	63	7	106	1.49	218	5	ND	1	108	4.4	35	2	74	.30	.060	3	63	.12	92	.01	8	.27	.01	.07	1	74
3479	23	87	7	608	3.7	81	6	317	1.59	1024	5	ND	1	379	10.2	61	2	209	1.91	.339	12	120	.69	130	.01	4	.59	.01	.07	1	440
3480	18	71	17	609	3.6	70	6	432	2.09	1302	5	ND	3	422	8.8	58	2	192	2.75	.501	18	101	.87	108	.01	8	.67	.01	.09	1	530
3481	12	38	21	396	.6	50	9	100	2.27	381	5	ND	5	65	5.2	384	2	46	.19	.033	21	1	.05	1833	.01	8	.53	.01	.19	1	47
3482	16	62	16	480	1.3	75	10	72	3.15	151	9	ND	5	382	1.9	137	2	221	1.31	.701	23	1	.07	3457	.01	18	1.24	.02	.34	1	15
3483	29	25	14	243	1.6	53	4	27	1.28	117	5	ND	1	297	.2	139	2	303	.44	.183	12	1	.04	2445	.01	9	.60	.01	.17	1	14
3484 CAN BERC 91-358	22	88	36	182	2.4	35	4	40	3.06	123	5	ND	2	222	1.0	102	2	229	.51	.266	13	13	.05	1503	.01	12	.77	.01	.27	1	12
3485	26	86	14	209	1.2	35	4	46	2.98	47	5	ND	2	214	.9	45	2	147	.41	.263	10	1	.05	1764	.01	10	.75	.01	.26	1	7
3486	12	67	21	472	.5	65	11	160	3.68	107	5	ND	4	73	5.1	27	2	39	.35	.059	18	30	.16	406	.01	7	.62	.01	.22	1	6
3487	9	51	28	449	.5	53	12	465	3.65	111	5	ND	8	163	8.4	19	2	34	1.53	.077	30	29	.70	347	.01	11	.50	.01	.20	1	5
3488	21	50	21	599	.5	88	16	176	3.29	54	5	ND	1	95	11.6	28	2	58	.35	.031	4	41	.23	62	.01	6	.44	.01	.18	1	4
3489	22	60	18	463	2.7	99	14	226	2.48	191	5	ND	2	133	10.7	57	2	65	.97	.041	10	46	.47	58	.01	9	.45	.01	.16	1	410
3490	5	20	20	240	1.0	28	11	616	3.52	2006	5	ND	6	430	2.8	78	2	25	2.99	.028	20	38	1.30	67	.01	9	.47	.01	.14	1	1380
3491	4	26	26	314	1.8	31	12	796	3.69	2518	5	ND	7	337	5.4	103	2	30	3.08	.018	22	38	1.34	122	.01	5	.45	.01	.12	1	1870
3492	3	25	24	208	.9	24	11	678	3.28	4896	5	6	6	333	2.4	85	2	24	3.40	.027	21	29	1.34	182	.01	5	.46	.01	.13	1	2650
3493	3	21	26	148	.8	21	11	657	3.36	5208	5	2	6	465	1.5	114	2	25	3.41	.034	18	37	1.36	119	.01	9	.51	.01	.15	1	2020
3494	9	42	17	244	.3	53	13	405	2.97	1300	5	ND	4	324	2.3	50	2	24	4.61	.017	18	29	1.15	62	.01	6	.41	.01	.19	1	310
3495	26	66	24	347	.6	104	15	216	3.85	322	5	ND	3	183	2.7	48	2	25	2.40	.010	13	27	.48	44	.01	13	.43	.01	.21	1	150
TANDARD C/AU-R	18	58	44	131	7.1	71	32	1044	3.93	36	17	6	37	52	18.5	14	17	55	.48	.085	38	57	.87	173	.09	34	1.85	.06	.15	13	480

JUN-03-1991 12:49 FROM ACME ANALYTICAL TO 1-403-6676623 P.007

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-002 FILE # 91-1498

ACME ANALYTICAL

MPLE#	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
3496	20	62	25	323	.5	77	14	292	3.20	223	7	ND	3	275	2.8	50	8	25	4.37	.014	2	22	.54	52	.01	11	.45	.01	.20	1	73
3497	23	57	22	373	.7	63	8	287	2.00	444	5	ND	2	158	4.0	45	2	77	1.76	.020	8	64	.69	83	.01	8	.36	.01	.10	1	160
3498	5	19	37	583	.1	48	18	1092	4.30	1399	5	ND	13	73	4.3	959	7	37	.66	.098	51	28	.08	727	.01	8	.81	.01	.14	1	350
3499	21	50	25	439	1.0	61	8	772	3.44	2625	5	3	11	105	4.9	438	3	97	.37	.065	38	31	.05	795	.01	10	.51	.01	.17	2	1480
3500	22	25	25	244	.8	43	7	172	1.87	607	5	ND	6	100	3.6	53	2	88	.23	.044	21	29	.07	2037	.01	13	.52	.01	.18	1	220
3501	40	28	31	347	.7	52	8	78	2.26	310	5	ND	6	64	1.4	56	2	84	.10	.035	21	27	.06	1268	.01	16	.58	.01	.21	2	45
3502	29	32	20	398	.9	58	7	33	1.87	158	5	ND	2	130	1.5	91	15	110	.10	.094	11	46	.04	2030	.01	20	.60	.01	.15	1	13
3503	23	57	10	565	.6	101	18	342	3.32	109	5	ND	4	174	2.6	166	2	66	1.60	.060	6	47	.41	130	.01	16	.60	.01	.19	1	7
3504	16	50	20	394	.8	76	16	286	3.14	180	6	ND	6	248	1.8	87	3	49	3.34	.045	9	31	.65	82	.01	13	.54	.01	.24	1	33
3505	21	75	25	354	.3	99	19	243	3.51	70	5	ND	6	219	3.4	57	3	32	2.75	.038	13	21	.48	48	.01	12	.60	.01	.24	1	11
3506	4	32	13	205	.8	65	13	636	3.40	668	5	2	5	468	6.4	98	2	35	3.36	.023	13	30	1.43	78	.01	8	.51	.01	.12	1	660
3507	4	31	29	151	1.0	31	12	682	3.39	413	5	2	6	522	2.9	51	2	30	3.60	.017	13	32	1.53	79	.01	7	.47	.01	.11	1	460
3508	10	41	19	302	.4	63	14	670	3.12	140	5	ND	3	320	4.2	87	2	27	6.57	.027	8	24	1.90	73	.01	8	.64	.02	.20	1	43
3509	15	58	19	378	.3	72	14	306	3.06	46	5	ND	2	226	4.1	44	2	34	4.06	.042	7	31	.78	55	.01	9	.49	.01	.17	1	13
3510	8	31	32	354	.3	44	11	709	3.29	170	5	ND	7	429	5.0	39	6	35	3.05	.028	20	31	1.15	79	.01	7	.43	.01	.10	1	17
3511	20	41	21	617	.6	77	9	295	2.44	59	5	ND	2	188	7.9	32	2	50	1.30	.024	11	35	.48	57	.01	7	.40	.01	.10	1	7
ANDARD C/AU-R	18	57	40	132	7.4	69	33	1053	3.89	36	16	6	41	52	18.6	15	21	55	.48	.088	38	57	.87	173	.09	34	1.90	.06	.15	11	470

CAN. BERC 91-358

CAN. BERC 91-359.

JUN-03-1991 12:51 FROM ACME ANALYTICAL TO 1-403-6676623 P.008

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-005 File # 91-1533 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
23512	11	47	29	522	3.6	83	10	176	3.17	710	5	ND	4	196	8.5	5849	2	94	.19	.070	20	28	.04	143	.01	3	.50	.01	.08	2	410
23513	5	31	35	299	1.4	36	10	679	3.30	890	5	ND	5	190	3.9	8155	2	46	1.26	.025	23	30	.46	52	.01	4	.46	.01	.09	1	420
23514	6	19	23	264	.7	30	11	780	3.39	1418	5	ND	9	236	2.1	687	2	32	2.01	.026	32	29	.67	234	.01	6	.50	.01	.11	1	480
23515	4	18	29	236	.9	23	9	837	3.58	1586	5	ND	9	350	2.6	425	2	41	2.76	.021	26	27	1.06	68	.01	4	.40	.01	.07	1	1320
23516	5	20	30	324	.4	31	12	823	3.91	823	5	ND	10	303	2.9	347	2	41	2.35	.025	37	24	.85	447	.01	6	.56	.01	.10	1	400
23517	6	18	25	288	.1	31	11	612	3.54	857	5	ND	9	324	2.5	350	2	29	2.13	.037	36	20	.76	491	.01	5	.53	.01	.12	1	130
23518	7	23	25	273	.3	39	11	558	3.36	1279	5	ND	6	295	1.8	227	2	30	2.00	.026	25	25	.77	139	.01	6	.40	.01	.12	1	310
23519	11	37	29	318	.8	61	12	528	3.45	370	5	ND	5	284	2.8	328	2	59	2.00	.024	20	39	.90	20	.01	5	.37	.01	.08	1	120
23520	10	30	28	526	3.3	47	8	318	2.04	593	5	ND	2	258	6.4	9195	2	59	1.46	.025	13	45	.68	32	.01	2	.31	.01	.06	1	630
23521	3	33	14	531	2.9	35	10	475	2.28	1352	5	ND	1	370	1.6	19344	2	38	2.79	.008	8	37	1.23	30	.01	2	.24	.01	.05	1	1760
23522	10	73	21	778	5.4	52	9	502	2.35	1995	5	ND	2	285	7.8	5024	2	113	2.27	.076	11	56	.96	33	.01	3	.43	.01	.06	3	2280
23523	12	107	24	611	.9	90	17	803	3.38	107	5	ND	5	400	12.1	284	2	218	3.71	.212	29	189	1.25	140	.01	3	.57	.01	.04	2	34
23524	9	111	36	393	1.4	68	16	782	3.40	173	5	ND	4	329	15.4	413	2	180	3.84	.135	21	130	1.40	58	.01	2	.57	.01	.04	1	50
23525	16	19	21	183	1.3	42	5	297	1.77	328	5	ND	2	101	2.6	254	2	144	.31	.033	9	23	.06	1123	.01	8	.37	.01	.09	2	88
23526	16	26	16	262	.7	55	7	191	2.40	323	5	ND	3	350	2.5	168	2	150	.33	.093	17	1	.05	1696	.01	10	.52	.01	.16	2	31
23527	10	27	30	324	.6	56	12	254	2.89	326	5	ND	5	100	3.1	1867	3	63	.28	.039	24	42	.11	122	.01	8	.51	.01	.12	2	59
23528	6	38	62	442	1.7	49	13	437	3.84	877	5	ND	1	222	12.6	13261	2	55	1.02	.043	19	28	.43	22	.01	3	.47	.01	.07	1	76
23529	6	27	35	290	1.4	36	10	656	3.39	521	5	ND	5	323	4.5	6615	2	57	2.21	.037	20	50	.94	21	.01	6	.66	.01	.09	1	71
23530	4	21	42	239	.6	29	10	623	3.32	776	5	ND	6	390	2.8	2028	2	37	2.15	.031	22	28	.86	26	.01	4	.45	.01	.09	1	100
23531	3	16	41	252	.2	27	10	617	3.05	615	5	ND	10	282	2.0	675	2	32	2.41	.035	32	26	.90	80	.01	3	.45	.01	.09	1	110
23532	28	119	11	1284	2.3	113	5	318	1.72	51	10	ND	2	422	15.6	51	2	353	3.48	.760	18	116	1.17	42	.01	13	.69	.01	.13	6	11
23533	2	12	24	163	.9	23	9	977	3.92	693	5	ND	6	547	2.6	1237	2	35	4.41	.019	14	26	1.74	21	.01	3	.36	.01	.07	1	620
23534	2	14	24	141	.4	19	8	701	3.13	1317	5	ND	7	491	1.3	476	2	22	3.10	.022	21	24	1.19	24	.01	5	.32	.01	.09	1	310
23535	3	13	35	178	.5	20	9	708	3.37	2239	5	ND	8	548	1.6	154	2	22	3.19	.036	25	24	1.18	32	.01	4	.38	.01	.11	1	350
23536	8	24	30	188	1.6	40	8	484	2.57	749	5	ND	4	400	4.4	121	2	49	1.75	.043	19	46	.68	23	.01	4	.39	.01	.09	1	75
23537	22	36	16	266	2.8	65	8	374	2.28	135	5	ND	1	207	3.3	489	2	74	2.21	.018	9	54	1.03	22	.01	5	.27	.01	.08	1	52
23538	41	16	23	452	1.1	73	5	151	1.15	108	5	ND	1	211	2.9	136	2	127	.49	.116	6	84	.20	45	.01	7	.40	.01	.06	3	29
23539	25	23	18	279	1.8	75	7	282	1.85	255	5	ND	1	164	2.0	779	2	53	1.27	.034	6	48	.58	26	.01	5	.23	.01	.05	1	730
23540	10	31	20	274	2.4	39	10	515	2.56	2142	5	2	1	359	3.0	619	2	47	2.55	.026	12	63	1.11	17	.01	2	.29	.01	.06	1	1860
23541	12	49	27	473	2.5	58	10	582	2.43	482	5	ND	2	273	5.5	1508	2	122	2.89	.100	13	72	1.10	36	.01	6	.42	.01	.05	1	200
23542	7	32	22	247	1.6	28	9	710	3.21	388	5	ND	2	359	1.9	956	2	87	3.67	.070	16	63	1.40	26	.01	4	.56	.01	.11	1	110
23543	4	9	19	115	.1	15	9	684	3.18	46	5	ND	4	342	.2	44	2	33	2.74	.038	22	44	1.10	121	.01	2	.52	.01	.13	1	21
23544	11	32	23	242	.7	37	10	627	2.86	222	5	ND	6	108	1.7	314	2	79	.61	.114	25	29	.22	1481	.02	7	1.02	.01	.13	1	100
23545	14	32	28	262	.8	41	10	660	2.69	209	5	ND	6	129	1.9	265	2	118	.45	.138	25	49	.14	1860	.01	10	.98	.01	.14	1	81
23546	10	36	34	254	.5	42	12	688	2.92	238	5	ND	5	104	2.1	330	2	95	.46	.112	25	27	.23	1559	.03	6	1.07	.01	.13	1	75
23547	6	62	389	1165	1.8	35	13	571	3.15	350	5	ND	4	79	2.4	399	3	65	.79	.091	18	48	.38	76	.04	5	1.02	.02	.13	3	91
STANDARD C/AU-R	18	57	37	132	7.0	70	31	1040	3.99	42	19	6	38	52	18.5	15	19	54	.48	.090	39	58	.88	179	.09	31	1.89	.06	.15	12	480

CAN BERC 91-360

CAN BERC 91-361

CAN BERC 91-362

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: MAY 31 1991 DATE REPORT MAILED: June 5/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUN-05-1991 12:27 FROM ACME ANALYTICAL TO 1-403-6676623 P.007

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
023548	5	30	20	148	.4	30	9	379	2.56	214	5	ND	6	89	1.3	478	2	54	1.09	.080	22	31	.48	946	.09	5	1.04	.03	.13	1	110
023549	6	45	32	275	.7	46	11	355	3.35	2562	5	3	12	147	5.2	750	2	46	.90	.087	43	36	.34	118	.01	5	.71	.01	.16	1	1460
023550	6	30	30	274	.5	38	10	350	2.97	1360	5	ND	9	171	4.4	316	2	33	.97	.052	38	31	.38	267	.01	5	.64	.01	.17	1	640
023551	4	18	47	399	.6	34	12	714	3.69	2087	5	ND	7	355	5.1	184	2	23	2.34	.026	22	28	.95	97	.01	4	.50	.01	.12	1	480
023552	5	28	28	312	.4	55	14	467	3.64	627	5	ND	7	218	2.3	58	2	21	1.33	.031	25	25	.71	28	.01	8	.43	.01	.17	1	58
023553	4	21	27	257	.3	30	10	569	3.27	947	5	ND	7	317	1.1	68	5	24	2.29	.055	24	26	.92	38	.01	3	.44	.01	.13	1	110
023554	3	15	26	236	.1	22	9	669	3.39	1686	5	ND	8	342	1.5	248	2	21	2.67	.026	23	23	1.05	104	.01	6	.39	.01	.10	1	400
023555	3	14	24	185	.2	18	9	698	3.18	1375	5	ND	9	266	1.6	221	2	21	2.83	.025	25	26	1.06	109	.01	2	.42	.01	.10	1	430
023556	3	16	28	197	.6	14	9	721	2.91	3715	5	ND	7	218	2.7	1142	2	24	3.01	.023	21	32	1.14	89	.01	4	.37	.01	.08	1	2030
023557	2	18	38	315	.4	19	12	776	3.18	2029	5	ND	8	340	1.9	5814	2	27	2.84	.064	34	28	1.10	56	.01	2	.49	.01	.09	1	1110
023558	3	14	26	206	.1	19	11	726	3.07	1840	5	ND	9	321	1.0	165	2	25	2.95	.050	30	27	1.17	47	.01	5	.46	.01	.10	1	710
023559	2	12	23	242	.3	22	12	745	3.13	3260	5	3	8	425	.8	354	2	24	2.77	.027	29	23	1.11	42	.01	5	.40	.01	.09	1	1130
023560	8	28	22	228	.8	33	9	489	2.93	1033	5	ND	5	442	2.4	69	2	36	2.29	.037	17	31	.96	16	.01	5	.34	.01	.10	1	320
023561	20	45	14	292	.7	67	10	210	2.38	172	5	ND	3	177	2.4	52	2	46	1.15	.023	13	37	.57	9	.01	11	.36	.01	.13	1	40
023562	13	64	27	323	.6	62	10	500	2.95	237	5	ND	2	256	3.3	49	2	59	3.81	.017	11	37	1.43	14	.01	7	.32	.01	.11	1	44
023563	29	48	24	370	.6	93	9	213	2.10	505	5	ND	3	208	2.1	82	2	128	1.71	.296	13	46	.46	18	.01	16	.59	.01	.17	1	48
023564	38	18	10	401	.6	102	3	107	.64	190	5	ND	2	268	.9	98	2	260	.54	.196	7	66	.19	125	.01	12	.46	.01	.08	4	68
023565	27	20	14	373	1.0	84	5	232	1.29	762	7	2	2	215	1.3	407	2	147	.99	.096	8	49	.40	35	.01	9	.32	.01	.06	1	1040
023566	7	55	30	1008	.3	89	12	365	4.02	91	5	ND	12	97	6.1	30	2	80	.07	.088	50	18	.04	1185	.01	5	.83	.01	.12	6	21
023567	6	66	33	863	.5	108	12	426	3.48	82	5	ND	11	96	11.8	21	3	67	.06	.082	56	11	.02	1176	.01	7	.76	.01	.11	4	17
023568	5	30	38	603	.2	75	15	1985	4.19	37	10	ND	12	89	22.0	15	2	45	.06	.047	49	1	.03	1246	.01	6	.68	.01	.12	3	77
023569	20	81	102	341	1.3	50	11	221	2.44	69	8	ND	6	444	5.3	36	2	260	.18	.313	30	1	.03	4671	.01	11	.97	.01	.12	2	21
023570	6	24	36	436	.3	50	20	1853	4.27	37	5	ND	9	99	10.8	11	3	41	.07	.059	42	1	.04	1240	.01	3	.69	.01	.12	2	6
023571	6	17	35	390	.1	38	19	1165	4.28	75	5	ND	11	100	7.1	11	3	47	.05	.058	47	15	.04	1252	.01	6	.77	.01	.11	2	4
023572	8	66	29	489	.1	64	27	1560	5.45	99	5	ND	17	136	9.6	17	2	76	2.56	.078	64	97	.08	1559	.01	2	.76	.01	.06	1	1
023573	7	49	34	651	.1	74	23	914	5.30	65	5	ND	17	144	9.7	12	2	103	1.62	.099	65	54	.11	1602	.01	6	.76	.01	.08	1	3
023574	5	15	31	480	.1	35	11	750	3.61	26	5	ND	12	73	7.3	16	2	44	.42	.050	51	2	.06	860	.01	2	.57	.01	.14	1	1
023575	3	12	30	309	.1	26	12	872	3.31	25	5	ND	11	118	4.7	11	2	46	1.25	.046	37	1	.34	878	.01	5	.51	.01	.12	1	1
023576	2	11	23	102	.1	12	10	709	3.15	21	5	ND	8	230	.5	11	2	35	2.26	.033	30	20	.86	297	.01	5	.61	.01	.13	1	1
023577	4	14	28	252	.1	22	11	708	3.63	49	5	ND	11	148	4.4	9	2	44	1.40	.066	42	7	.40	839	.01	5	.61	.01	.12	1	3
023578	2	10	27	113	.1	11	10	797	3.16	25	5	ND	9	177	.8	10	2	40	2.36	.042	29	6	.83	803	.01	5	.53	.01	.11	1	1
023579	3	11	32	177	.2	15	10	786	3.70	49	5	ND	9	244	2.2	9	2	35	2.03	.040	32	20	.68	346	.01	7	.53	.01	.13	1	1
023580	4	8	31	296	.2	26	11	982	3.55	40	5	ND	7	199	2.9	22	2	37	1.88	.046	30	16	.64	391	.01	4	.52	.01	.12	1	1
023581	7	42	68	469	.7	43	13	836	3.47	333	5	ND	7	231	4.5	23	2	97	1.12	.255	37	25	.32	641	.01	10	.78	.01	.13	1	1
023582	4	19	48	256	.2	22	10	750	3.46	41	5	ND	8	208	1.7	18	2	45	1.87	.075	36	14	.77	718	.01	6	.60	.01	.13	1	3
023583	3	18	38	203	.1	15	9	688	3.28	41	5	ND	9	200	1.4	11	2	35	1.93	.088	40	15	.76	347	.01	5	.60	.01	.13	1	1
STANDARD C/AU-R	19	60	38	132	7.2	70	33	1063	3.99	39	22	7	39	53	18.5	14	19	56	.48	.091	40	58	.89	178	.09	36	1.89	.07	.15	13	480

CAN BCRC 91-362

CAN BCRC 91-363

JUN-05-1991 12:29 FROM ACME ANALYTICAL TO 1-403-6676623 P.008

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
023584	3	13	29	259	.4	21	10	790	3.82	19	5	ND	13	246	2.7	11	2	34	2.10	.106	44	23	.80	702	.01	5	.66	.01	.14	1	2
023585	3	11	213	246	.6	19	9	865	3.68	16	5	ND	12	404	1.8	8	2	28	2.76	.092	40	22	.96	529	.01	5	.55	.01	.13	1	2
023586	2	15	25	172	.3	15	8	829	3.56	6	7	ND	12	385	1.1	5	2	30	3.07	.093	42	23	1.12	565	.01	4	.66	.01	.15	1	1
023587	2	16	29	201	.3	14	9	791	3.56	10	5	ND	13	347	.8	8	2	27	2.37	.084	43	21	.94	630	.01	7	.55	.01	.15	2	3
023588	3	8	36	212	.2	15	9	753	3.68	12	5	ND	10	379	1.4	10	2	27	2.67	.068	39	21	1.01	797	.01	6	.50	.01	.12	1	2
023589	1	13	30	146	.1	14	10	899	3.67	12	7	ND	14	384	1.1	13	2	27	3.11	.077	48	20	1.29	789	.01	4	.62	.01	.12	1	1
023590	3	12	24	138	.2	14	8	847	3.36	14	5	ND	11	357	.7	12	3	23	2.98	.084	40	24	1.16	347	.01	4	.49	.01	.12	1	2
023591	8	39	28	371	.6	52	11	652	3.13	67	5	ND	9	136	2.7	33	3	104	.39	.175	31	66	.15	1419	.02	6	1.01	.01	.09	1	16
023592	12	48	22	305	1.0	53	8	603	2.37	179	5	ND	7	248	5.9	64	2	201	.39	.251	27	80	.08	2944	.01	6	.87	.01	.09	1	150
023593	15	59	21	443	1.0	71	10	543	2.79	194	7	ND	8	322	6.5	64	2	256	.27	.268	32	94	.07	3801	.01	7	1.02	.01	.11	1	69
023594	12	37	31	440	1.2	60	10	438	3.12	306	5	ND	11	209	5.8	203	2	161	.27	.171	39	74	.08	2897	.01	7	.89	.01	.11	1	100
023595	8	91	46	644	1.0	80	10	259	4.79	505	8	ND	15	114	1.6	284	2	117	.07	.113	55	65	.03	1223	.01	6	.69	.01	.09	1	260
023596	15	140	20	147	4.6	35	4	84	1.20	65	5	ND	3	862	6.8	77	3	429	.75	.607	23	156	.04	7706	.01	11	1.04	.01	.12	3	35
023597	20	171	13	189	5.3	65	3	51	1.25	46	5	ND	4	711	11.4	48	5	555	.95	.612	21	167	.05	5460	.01	15	1.07	.01	.16	1	14
023598	10	148	6	190	6.0	74	3	47	.88	45	5	ND	3	935	9.8	40	2	354	1.31	.751	17	197	.04	6620	.01	12	.97	.01	.11	1	13
023599	12	225	32	363	4.0	117	4	104	1.75	86	5	ND	5	653	12.2	66	4	362	1.79	.847	28	160	.05	3809	.01	14	1.26	.01	.15	4	8
023600	5	27	21	425	.6	61	12	708	4.03	20	8	ND	13	99	16.2	24	2	52	.18	.128	45	51	.04	878	.01	7	.65	.01	.09	2	3
023601	5	22	33	411	.4	48	11	1121	3.61	15	9	ND	15	107	12.4	27	2	51	.20	.105	48	35	.05	1115	.01	5	.63	.01	.12	1	1
023602	4	39	31	398	.4	39	12	1097	4.02	35	5	ND	17	215	7.5	19	2	54	2.53	.101	44	65	.46	1002	.01	5	.73	.01	.11	1	1
023603	18	117	14	543	2.7	134	8	603	2.82	52	5	ND	11	341	8.4	31	2	285	2.34	.716	44	165	.13	2068	.01	9	1.11	.01	.10	1	4
023604	5	40	24	551	.3	64	20	1008	4.69	44	5	ND	19	200	7.2	23	2	67	1.26	.142	56	99	.42	1101	.01	4	.67	.01	.09	1	1
023605	7	69	25	901	.7	134	21	993	5.35	71	5	ND	22	173	17.2	32	2	113	.72	.275	64	132	.14	489	.01	2	.85	.01	.08	1	3
023606	3	18	24	299	.2	24	12	980	3.94	19	5	ND	13	299	2.8	13	2	30	2.22	.084	34	33	.82	82	.01	6	.53	.01	.11	1	3
023607	4	19	21	301	.2	19	11	817	3.75	6	5	ND	13	296	1.7	7	2	35	2.85	.103	38	28	.91	419	.01	6	.54	.01	.13	1	1
023608	3	10	28	306	.3	21	11	821	3.68	16	5	ND	13	246	1.8	14	2	33	2.24	.093	39	31	.73	268	.01	7	.59	.01	.12	1	2
023609	2	14	19	161	.2	16	10	793	3.51	17	5	ND	12	341	1.0	11	2	33	2.94	.103	31	26	1.08	108	.01	6	.59	.01	.12	1	5
023610	2	11	21	157	.3	14	10	741	3.28	8	5	ND	13	227	.4	13	2	29	2.50	.067	33	22	.97	580	.01	4	.49	.01	.11	1	2
023611	2	13	24	169	.1	15	10	715	3.26	17	5	ND	10	333	.8	10	2	27	2.91	.067	25	24	1.01	123	.01	6	.46	.01	.11	1	10
023612	2	19	17	130	.4	14	9	683	3.25	18	5	ND	8	366	.4	11	2	22	2.92	.060	20	21	1.08	92	.01	4	.42	.01	.11	1	11
023613	7	41	26	432	.9	57	13	973	3.85	120	5	ND	10	122	2.6	57	3	109	.58	.129	35	58	.28	1147	.02	6	1.10	.01	.12	1	28
023614	9	52	29	372	1.2	53	12	908	3.12	185	5	ND	9	200	3.6	73	2	145	.59	.198	30	83	.23	2014	.02	7	1.15	.01	.14	1	79
023615	10	51	29	349	1.1	52	11	635	2.92	151	5	ND	7	198	2.6	140	2	159	.44	.181	25	77	.17	2488	.01	6	1.05	.01	.12	1	71
023616	12	38	16	108	.3	24	4	35	2.15	55	5	ND	2	40	.2	16	2	64	.07	.020	4	24	.03	1301	.01	4	.46	.01	.12	1	10
023617	11	35	17	70	.1	27	5	44	2.28	100	5	ND	2	40	.2	59	2	33	.05	.020	3	19	.03	1437	.01	5	.54	.01	.14	1	10
023618	10	46	13	44	1.2	16	2	17	1.48	648	8	ND	3	64	.2	505	4	70	.03	.018	4	28	.02	755	.01	5	.53	.01	.18	2	630
023619	3	19	15	14	2.1	5	1	21	1.58	4135	5	2	1	44	.3	161	2	30	.03	.015	4	19	.03	406	.01	6	.44	.01	.25	2	7180
STANDARD C/AU-R	18	61	37	134	7.4	70	33	1068	3.98	39	18	7	39	52	18.5	15	23	56	.49	.090	39	61	.87	178	.09	32	1.97	.06	.15	11	510

CAN BCRC 91-363

CAN BCRC 91-364

CAN BCRC 91-365

JUN-05-1991 12:30 FROM ACME ANALYTICAL TO 1-403-6676623 P.009

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mi 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
023620	3	54	24	9	7.1	9	1	13	.66	1630	5	3	1	51	.9	19478	2	51	.02	.011	14	29	.02	115	.01	7	.45	.01	.15	1	6290
023621	2	102	6	223	15.2	26	8	448	2.38	878	5	3	1	249	4.2	18618	2	59	1.09	.007	17	48	.51	17	.01	4	.58	.01	.10	1	9350
023622	2	74	2	497	7.2	44	11	490	2.95	386	5	4	1	298	8.7	18955	2	67	1.05	.013	14	50	.32	27	.01	4	.54	.01	.04	1	4880
023623	1	138	3	742	7.7	46	9	460	2.74	47	5	ND	1	128	42.5	17993	2	57	.75	.016	7	50	.23	23	.01	3	.54	.01	.07	1	370
023624	4	7	27	186	.3	20	10	676	3.69	561	5	ND	4	362	2.0	338	2	31	2.18	.026	17	36	.80	30	.01	8	.42	.01	.09	1	230
023625	3	8	29	189	.3	18	10	626	3.64	96	5	ND	6	263	1.6	571	2	36	1.65	.033	19	33	.64	54	.01	5	.47	.01	.10	1	40
023626	2	6	30	116	.1	13	10	724	3.61	67	5	ND	5	332	.6	525	2	36	2.42	.034	20	30	.87	47	.01	2	.45	.01	.10	1	36
023627	3	9	25	119	.2	14	10	719	3.38	26	5	ND	7	324	1.0	59	2	40	2.12	.036	23	38	.77	61	.01	7	.53	.01	.11	1	9
023628	3	7	26	127	.1	13	10	886	3.59	16	5	ND	7	313	.9	93	2	39	2.57	.030	23	30	.97	143	.01	7	.47	.01	.11	1	5
023629	4	24	31	192	.4	19	11	840	3.58	60	5	ND	4	361	1.9	358	2	33	2.59	.027	18	35	.97	48	.01	5	.47	.01	.11	1	53
023630	14	42	33	271	.7	32	8	697	2.96	56	5	ND	6	481	4.3	26	2	101	2.26	.094	26	54	.91	80	.01	8	.61	.01	.10	1	1
023631	3	17	28	262	.2	21	9	813	3.29	53	5	ND	6	436	1.1	42	2	40	2.81	.045	29	26	1.10	84	.01	6	.46	.01	.10	1	6
023632	3	13	34	192	.1	21	9	726	3.11	512	5	ND	11	370	1.7	172	2	27	3.17	.040	39	16	1.10	400	.01	2	.50	.01	.12	1	62
023633	20	106	24	1289	1.9	106	9	521	2.20	77	5	ND	4	594	14.1	54	2	503	3.08	.808	26	145	1.02	28	.01	5	1.08	.01	.07	4	5
023634	14	42	27	625	.8	57	8	571	2.56	40	6	ND	5	499	7.3	24	2	219	2.21	.229	26	50	.82	71	.01	8	.87	.01	.11	1	5
STANDARD C/AU-R	18	56	39	131	7.1	68	32	1030	3.92	38	16	6	37	52	18.8	16	22	54	.48	.085	38	57	.84	175	.09	34	1.86	.06	.15	11	480

C AU BERC 91-365

JUN-05-1991 12:31 FROM ACME ANALYTICAL TO 1-403-6676623 P.010

GEOCHEMICAL AN IS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-008 File # 91-1552 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
023635	6	23	46	420	.5	41	13	781	3.83	140	5	ND	10	90	3.7	89	4	63	.23	.088	33	43	.10	1086	.01	6	.86	.01	.13	2	3
023636	3	11	37	245	.3	19	11	972	3.93	24	5	ND	11	73	4.7	25	6	36	.81	.038	40	31	.06	835	.01	5	.62	.01	.15	1	5
023637	3	11	34	314	.4	24	13	1050	4.50	19	5	ND	15	111	3.5	32	2	44	.25	.064	42	27	.06	1437	.01	6	.78	.01	.14	2	55
023638	3	7	35	353	.3	25	13	1060	4.33	13	5	ND	14	125	3.6	33	3	40	.19	.071	43	33	.06	1574	.01	7	.91	.01	.15	1	5
023639	2	12	35	258	.3	21	13	1167	4.21	14	5	ND	13	133	2.4	18	2	41	1.07	.067	42	23	.06	1629	.01	5	.70	.01	.12	1	54
023640	2	18	14	307	.3	34	12	1207	3.83	24	5	ND	11	81	3.1	20	2	30	1.10	.040	32	33	.14	783	.01	5	.63	.01	.13	1	5
023641	3	12	33	433	.1	29	11	1065	3.45	21	5	ND	11	94	4.6	18		42	1.74	.045	34	31	.21	903	.01	4	.68	.01	.12	1	1
023642	11	12	30	993	.2	82	13	1276	4.33	31	5	ND	12	119	14.9	57		55	.30	.091	41	31	.05	1453	.01	9	.68	.01	.13	1	2
023643	7	12	23	792	.3	57	11	977	4.13	23	5	ND	10	121	13.6	26	2	51	1.12	.078	39	28	.05	1461	.01	9	.65	.01	.10	1	1
023644	9	70	57	1297	2.2	121	11	577	3.29	50	13	ND	9	332	20.2	47	6	245	.34	.295	32	66	.04	4377	.01	10	.96	.01	.15	1	3
023645	8	23	71	1743	.6	123	10	727	4.42	111	5	ND	11	128	23.7	38	2	110	.13	.114	50	15	.04	1565	.01	10	.71	.01	.14	1	4
023646	7	13	35	1349	.1	98	9	683	4.02	41	5	ND	11	113	18.9	22	2	77	.18	.097	50	23	.04	1398	.01	10	.72	.01	.15	1	17
023647	8	24	88	1230	.6	89	12	1244	4.36	72	5	ND	9	79	13.8	31	2	79	.34	.066	35	36	.06	820	.01	10	.74	.01	.14	1	1
023648	9	24	83	1282	.5	95	14	1311	4.35	81	5	ND	10	113	14.6	38	2	78	.25	.108	42	35	.04	1337	.01	13	.74	.01	.15	1	1
023649	8	18	49	779	.4	63	9	634	4.25	44	5	ND	12	137	9.8	29	2	47	.52	.105	50	23	.09	1465	.01	12	.87	.01	.21	1	4
023650	5	24	39	500	.2	39	10	839	4.00	26	5	ND	12	207	7.4	26	2	35	1.59	.092	49	24	.41	1208	.01	8	.87	.01	.16	2	2
023651	5	26	35	426	.2	35	11	1047	4.06	22	5	ND	13	300	7.9	26	2	33	2.58	.082	48	25	.82	1212	.01	5	.66	.01	.12	1	5
023652	11	23	37	563	.2	45	11	657	4.07	44	5	ND	11	177	8.9	31	2	40	.78	.089	40	23	.28	551	.01	7	.77	.01	.12	1	2
023653	6	23	24	430	.2	38	10	922	3.77	31	5	ND	11	389	4.2	42	2	33	2.56	.061	35	25	.94	551	.01	7	.66	.01	.11	1	1
023654	9	21	35	556	.4	40	9	678	3.75	78	5	ND	8	334	5.4	120	2	38	2.22	.059	27	21	.76	258	.01	8	.60	.01	.14	1	7
023655	21	57	29	694	.5	70	7	505	2.56	45	5	ND	4	217	13.0	22	2	113	1.42	.081	16	37	.47	1240	.01	11	.53	.01	.08	1	2
023656	51	76	9	710	.2	119	6	69	1.68	45	5	ND	2	75	10.9	21	4	200	.48	.040	10	44	.24	505	.01	7	.32	.01	.07	1	1
023657	14	43	29	247	.5	45	7	284	2.42	93	5	ND	3	104	1.6	84	4	110	.26	.092	11	42	.08	2474	.01	8	.87	.01	.16	1	17
023658	12	51	25	170	.4	36	4	51	1.98	326	5	ND	1	46	1.5	72	4	69	.15	.025	5	43	.06	1722	.01	7	.72	.01	.16	1	65
023659	6	47	21	266	.6	38	7	70	3.20	1453	5	ND	2	116	2.9	194	2	27	.16	.022	5	17	.06	836	.01	6	.73	.01	.20	1	2020
023660	8	43	26	165	.7	47	8	104	3.25	1733	5	ND	3	99	7.1	438	2	26	.13	.029	5	17	.06	879	.01	6	.66	.01	.23	1	740
023661	8	36	30	137	1.4	44	8	78	3.03	2066	5	ND	2	200	7.9	2068	2	36	.11	.021	6	29	.05	853	.01	5	.48	.01	.18	1	1380
023662	7	112	40	254	1.9	72	10	791	3.96	3005	5	ND	4	148	7.5	7983	2	61	.13	.042	18	32	.04	977	.01	5	.89	.01	.12	1	2110
023663	9	66	38	563	.4	95	14	543	3.93	2094	5	ND	9	128	8.2	882	2	56	.13	.062	39	26	.05	1244	.01	7	.93	.01	.13	1	370
023664	4	51	38	411	.4	83	17	768	4.84	3595	5	ND	20	276	4.2	639	4	33	1.19	.061	57	47	.33	1079	.01	3	.91	.01	.11	1	1220
023665	7	40	33	314	.5	56	11	540	3.93	2015	5	ND	11	397	2.3	451	2	32	1.65	.043	34	31	.57	711	.01	5	.70	.01	.12	2	1160
023666	7	48	34	255	3.4	34	10	587	3.01	567	5	ND	4	223	2.3	9071	2	50	2.02	.033	15	41	.57	109	.01	6	.57	.01	.09	1	810
023667	5	14	28	184	.3	23	9	739	3.38	67	11	ND	7	400	1.2	276	2	28	3.37	.032	26	34	1.05	486	.01	8	.54	.01	.14	1	53
023668	2	20	28	163	.3	19	9	785	3.47	26	5	ND	9	281	.9	232	2	31	2.73	.042	28	24	1.08	856	.01	6	.61	.01	.11	1	7
023669	3	24	20	238	.4	24	11	740	3.65	20	5	ND	8	314	1.8	54	2	29	2.72	.045	27	27	1.01	172	.01	7	.63	.01	.09	1	8
023670	7	15	19	265	.2	25	10	687	3.46	25	5	ND	9	282	1.9	39	2	29	2.49	.048	29	29	.95	956	.01	5	.60	.01	.11	1	4
STANDARD C/AU-R	19	63	36	136	7.3	72	32	1072	4.05	38	25	6	38	52	18.5	15	17	56	.50	.090	38	59	.88	175	.09	34	1.96	.06	.14	12	480

CAN. BORC 91-366

CAN BORC 91-367

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 3 1991 DATE REPORT MAILED: June 4/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
023671	4	10	22	170	.3	21	10	723	3.49	18	5	ND	10	289	.5	25	2	32	2.68	.049	30	31	1.17	1120	.01	10	.66	.01	.15	1	7
023672	5	21	29	160	.3	21	10	814	3.49	19	5	ND	10	308	.2	24	2	37	2.89	.068	39	42	1.31	1244	.01	8	.74	.01	.13	1	1
023673	4	12	27	183	.5	19	9	824	3.54	20	7	ND	11	361	.3	28	2	30	2.97	.091	41	22	1.27	611	.01	10	.65	.01	.13	1	1
023674	14	83	29	823	2.2	63	7	492	2.58	41	12	ND	6	447	10.8	26	2	262	3.51	.350	25	85	1.19	90	.01	15	.86	.01	.19	1	1
023675	12	60	33	407	1.6	60	12	841	3.17	162	5	ND	6	280	4.2	189	2	179	.51	.242	29	89	.22	3174	.02	8	1.31	.01	.12	1	30
023676	14	56	22	364	1.4	77	10	293	3.04	501	6	ND	7	240	3.2	410	2	179	.21	.184	24	70	.06	4041	.01	9	1.08	.01	.18	1	75
023677	11	50	37	756	.5	135	21	506	5.22	1353	5	ND	17	117	6.0	284	2	44	.14	.070	52	36	.06	1688	.01	5	.82	.01	.15	1	300
023678	13	60	14	102	1.8	20	3	22	2.05	781	5	ND	3	74	.2	483	2	92	.04	.040	7	40	.04	1267	.01	8	.64	.01	.17	1	530
023679	5	20	33	155	1.3	17	8	722	3.27	288	5	ND	8	370	1.0	608	2	51	2.45	.071	31	39	.93	1011	.01	11	.70	.01	.16	1	130
023680	8	42	22	286	.6	45	13	848	3.83	136	5	ND	7	471	2.0	182	2	79	3.28	.071	28	69	1.26	84	.01	9	.82	.01	.16	1	18
023681	6	20	19	186	.2	27	11	773	3.82	59	5	ND	7	485	.6	83	2	29	3.04	.043	23	47	1.27	72	.01	10	.77	.01	.16	1	4
023682	5	15	23	147	.4	24	10	771	3.56	54	5	ND	8	483	.6	70	2	24	2.99	.041	26	34	1.20	71	.01	8	.59	.01	.14	1	3
023683	10	34	19	336	.7	47	11	707	3.60	72	5	ND	7	376	2.8	133	2	175	2.48	.101	24	42	1.07	173	.01	9	.80	.01	.14	1	6
023684	4	16	25	168	.4	23	10	781	3.56	24	14	ND	9	348	.4	60	2	38	2.92	.046	28	32	1.22	282	.01	9	.58	.01	.14	2	2
023685	4	13	32	180	.2	24	10	741	3.52	25	5	ND	10	462	.8	51	2	31	3.03	.059	36	34	1.27	310	.01	8	.74	.01	.15	1	1
023686	2	9	26	117	.1	13	10	762	3.57	11	5	ND	8	411	.5	23	2	27	3.27	.037	30	26	1.31	280	.01	7	.54	.01	.12	1	1
023687	2	13	19	150	.2	15	10	768	3.67	11	5	ND	10	294	.6	22	2	31	2.86	.033	29	26	1.27	699	.01	7	.54	.01	.12	1	1
023688	3	13	29	119	.2	19	10	736	3.75	39	5	ND	6	385	.3	25	2	29	2.92	.036	20	32	1.26	104	.01	8	.59	.01	.14	1	1
023689	3	13	14	132	.2	14	9	716	3.29	29	5	ND	6	373	.9	24	2	34	3.18	.027	21	32	1.25	455	.01	8	.58	.01	.12	1	1
023690	3	13	32	128	.2	17	9	723	3.40	26	5	ND	7	407	.2	23	2	28	3.23	.021	24	31	1.31	269	.01	8	.59	.01	.12	1	1
023691	3	21	37	198	.5	18	9	758	3.63	127	11	ND	7	493	1.1	34	2	29	3.48	.039	24	28	1.24	126	.01	13	.64	.01	.16	1	3
023692	4	17	25	249	.4	24	9	717	3.59	78	5	ND	6	386	1.7	42	2	42	3.15	.052	24	33	1.18	133	.01	11	.60	.01	.13	1	5
023693	25	82	23	961	2.4	79	7	382	2.27	53	5	ND	3	446	13.7	39	3	282	2.11	.297	18	97	.68	90	.01	14	.88	.01	.15	1	5
023708	9	63	54	393	2.1	83	9	687	3.46	816	5	ND	6	209	3.1	417	2	53	.16	.146	31	64	.07	2501	.01	12	.92	.01	.18	1	260
023709	6	27	43	261	1.5	39	10	911	3.61	1180	5	ND	8	60	3.9	305	2	26	.08	.058	36	30	.04	880	.01	7	.62	.01	.14	1	810
023710	7	52	49	423	3.0	52	10	1045	3.52	375	5	ND	8	156	2.1	229	2	32	.30	.167	38	38	.07	1367	.01	10	.81	.01	.15	1	42
023711	10	93	37	397	2.1	81	7	148	2.47	231	5	ND	4	239	1.8	109	2	67	.53	.275	18	100	.05	1733	.01	14	.75	.01	.17	1	54
023712	9	63	20	288	1.5	49	5	90	1.92	111	5	ND	3	79	.8	63	2	35	.05	.059	11	65	.04	892	.01	9	.45	.01	.10	1	34
023713	3	71	6	275	.7	43	6	78	1.59	60	12	ND	7	39	1.5	41	6	17	.06	.040	26	24	.06	585	.01	12	.59	.01	.25	2	6
023714	5	60	13	276	.3	45	7	99	1.91	40	5	ND	6	58	1.6	34	2	14	.05	.048	28	20	.06	583	.01	13	.65	.01	.25	1	13
023715	7	52	13	394	.7	59	10	160	3.08	49	5	ND	8	45	2.8	47	4	22	.06	.056	34	23	.08	682	.01	17	.79	.01	.30	1	10
023716	4	54	11	247	.2	41	9	147	2.20	33	5	ND	7	50	2.0	34	3	14	.05	.047	34	17	.07	715	.01	14	.70	.01	.26	1	9
023717	9	66	22	383	.7	68	13	182	2.64	46	5	ND	7	45	2.9	30	2	21	.06	.053	35	19	.08	733	.01	13	.77	.01	.26	1	14
023718	28	97	24	726	.9	161	21	379	5.07	89	5	ND	9	115	4.7	61	2	69	.20	.143	41	32	.14	1738	.01	20	1.09	.01	.41	1	9
023719	7	79	16	375	1.5	78	15	151	2.97	44	5	ND	7	114	1.9	42	6	34	.08	.076	33	24	.10	834	.01	17	.85	.01	.33	1	11
023720	4	138	31	293	1.7	50	8	172	2.35	47	5	ND	8	667	2.3	37	2	75	.86	.462	42	41	.14	1640	.01	31	1.61	.01	.60	1	12
STANDARD C/AU-R	17	63	43	136	7.4	71	31	1088	4.05	36	18	6	38	52	19.0	15	21	54	.49	.091	39	58	.87	175	.09	31	1.97	.06	.15	12	450

CAN BCRC 91-367

CAN BCRC 91-368

FOSTER BCRC 91-370

JUN-24-1991 10:10 FROM HUME HNHLYTICHL TO 1-403-66r0825 P.003

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-007 File # 91-1551 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
023694	22	83	33	456	2.2	81	12	374	2.29	258	5	ND	7	477	4.3	423	2	489	.60	.539	27	1	.13	6546	.01	10	1.32	.01	.13	3	53
023695	30	125	38	1273	2.0	95	11	610	3.00	186	5	ND	9	415	23.6	300	2	770	2.04	.238	32	92	.80	526	.01	13	1.00	.01	.16	8	7
023696	9	19	41	379	.3	40	11	725	3.55	78	5	ND	10	319	3.3	173	2	79	2.43	.053	25	37	.93	239	.01	8	.60	.01	.13	1	6
023697	6	12	50	351	.1	36	13	855	3.83	45	5	ND	12	285	.8	102	2	40	2.28	.044	30	11	1.03	1106	.01	5	.60	.01	.13	1	3
023698	5	13	44	227	.2	26	12	811	3.79	33	5	ND	13	289	.6	65	2	39	2.48	.053	34	1	1.09	1512	.01	5	.60	.01	.12	1	3
023699	4	13	53	212	.1	23	11	817	3.80	33	5	ND	13	401	.3	71	2	33	3.21	.069	43	1	1.33	1420	.01	2	.58	.01	.13	1	3
023700	4	12	46	192	.1	20	11	839	3.94	28	5	ND	15	383	.2	54	2	35	3.24	.067	45	5	1.32	1224	.01	5	.63	.01	.14	1	3
023701	4	10	30	196	.1	22	11	859	4.01	19	5	ND	14	338	.2	25	2	33	2.95	.058	39	1	1.25	1443	.01	4	.63	.01	.13	1	2
023702	4	6	29	230	.1	19	10	767	3.57	23	5	ND	11	297	.3	40	2	39	2.52	.041	29	5	1.12	989	.01	4	.55	.01	.11	1	6
023703	3	9	33	209	.1	22	11	830	3.63	31	5	ND	13	346	.2	28	2	40	3.37	.063	34	12	1.11	840	.01	2	.58	.01	.12	1	5
023704	4	8	32	197	.1	21	11	836	3.61	22	5	ND	14	296	.2	24	2	34	3.11	.049	34	4	1.12	1026	.01	6	.57	.01	.13	1	3
023705	4	8	29	190	.2	18	10	781	3.55	24	5	ND	11	308	.2	46	2	37	2.71	.042	27	13	1.09	752	.01	6	.51	.01	.12	1	6
023706	3	10	27	146	.1	18	9	707	3.32	33	5	ND	8	342	.2	33	2	45	2.60	.044	24	18	1.09	664	.01	10	.49	.01	.10	1	5
023707	4	15	51	256	.3	19	9	821	3.77	135	5	ND	9	363	1.1	35	2	34	2.77	.047	31	6	1.11	736	.01	4	.52	.01	.12	1	8
023721	9	46	60	452	1.4	70	15	1557	3.26	1030	5	ND	8	120	3.0	776	2	49	.12	.082	27	1	.05	3694	.01	9	.77	.01	.12	3	590
023722	25	72	52	623	1.8	129	15	1678	3.68	709	5	ND	7	188	4.0	447	2	138	.25	.173	28	1	.06	3734	.01	13	.88	.01	.18	3	540
023723	8	13	50	375	.2	46	10	1260	3.22	699	5	ND	10	69	3.5	278	2	27	.10	.061	33	1	.04	1186	.01	6	.68	.01	.14	2	53
023724	8	10	57	348	.3	42	11	1416	3.26	583	5	ND	13	64	4.4	182	2	26	.20	.097	39	6	.05	971	.01	9	.81	.01	.16	1	46
023725	10	15	56	320	1.8	42	14	1328	3.37	1027	8	ND	18	59	5.9	210	3	21	.09	.058	35	1	.04	980	.01	33	.66	.01	.17	2	250
023726	10	28	57	459	1.7	60	9	511	3.36	748	5	ND	7	93	6.5	338	2	36	.09	.076	23	5	.04	1490	.01	8	.62	.01	.16	2	240
023727	12	84	38	460	1.6	87	8	238	2.09	166	5	ND	3	242	4.1	104	2	211	.71	.478	19	1	.06	3224	.01	15	.76	.01	.18	1	34
023728	22	161	20	788	1.5	149	11	212	3.03	227	5	ND	4	381	5.1	134	2	175	1.72	1.256	30	19	.09	4656	.01	26	1.16	.01	.25	3	32
023729	13	63	13	363	1.4	62	7	119	1.60	88	5	ND	2	133	2.4	44	2	54	.66	.326	15	91	.04	1632	.01	14	.55	.01	.15	1	12
023730	9	31	9	269	1.0	47	6	131	1.58	85	5	ND	1	52	2.3	51	2	27	.13	.060	8	38	.03	1025	.01	4	.29	.01	.08	1	17
023731	10	34	18	226	.1	41	7	189	1.58	85	5	ND	2	44	2.0	49	2	26	.04	.034	7	41	.02	1002	.01	5	.25	.01	.06	1	34
023732	14	33	17	284	2.1	62	21	1926	1.67	83	8	ND	2	39	5.2	50	2	28	.04	.030	8	46	.02	1211	.01	7	.26	.01	.06	1	21
023733	9	26	13	206	1.9	46	14	1240	1.27	57	5	ND	1	35	2.9	33	2	19	.03	.021	6	24	.02	1120	.01	5	.19	.01	.05	1	21
023734	7	17	70	402	.9	44	11	507	4.70	2097	5	ND	15	75	6.9	1082	4	33	.09	.066	47	1	.05	839	.01	4	.58	.01	.13	1	960
023735	6	14	109	193	1.4	24	14	1304	5.10	2036	5	ND	16	65	1.4	534	2	19	.10	.058	47	1	.05	889	.01	9	.59	.01	.14	1	470
023736	7	17	623	377	5.1	22	13	1202	4.57	1011	5	ND	12	88	2.0	372	3	16	.16	.111	50	1	.05	1229	.01	2	.73	.01	.15	1	210
023737	5	14	117	265	1.2	19	12	1152	5.00	1450	5	ND	10	73	2.3	<17	2	17	.16	.082	42	1	.04	912	.01	2	.56	.01	.12	1	240
023738	6	20	55	420	.8	22	12	1192	4.90	1011	5	ND	12	90	2.6	375	5	29	.12	.067	43	1	.05	984	.01	6	.78	.01	.16	2	230
023739	5	14	31	282	.2	30	14	1151	4.22	1001	5	ND	11	68	.6	276	2	33	.07	.037	35	3	.04	778	.01	6	.71	.01	.12	1	330
023740	5	10	44	460	.1	49	15	1078	3.83	684	5	ND	10	55	3.4	262	2	42	.06	.036	28	17	.04	649	.01	2	.61	.01	.09	2	190
023741	8	22	39	728	.4	79	18	1056	4.53	876	5	ND	11	66	5.5	480	2	64	.08	.052	21	22	.03	736	.01	8	.77	.01	.07	4	220
023742	10	23	36	770	.5	90	18	2103	4.83	1091	5	ND	10	66	6.8	460	2	62	.09	.052	23	20	.03	839	.01	2	.72	.01	.09	4	330
STANDARD C/AU-R	17	57	41	133	7.0	68	32	1049	3.90	38	17	7	39	52	18.4	14	21	54	.46	.086	39	58	.86	174	.09	33	1.85	.06	.15	13	470

BORC 91-369 CAN

BORC 91-371 FOSTERS

BORC 91-372 FOSTERS

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 3 1991 DATE REPORT MAILED: June 5/91. SIGNED BY: ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUN-05-1991 12:22 FROM ACME ANALYTICAL TO 1-403-6676523 P.002

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
23743	8	19	32	412	1.3	44	15	1603	4.54	1346	5	ND	13	79	5.9	203	4	50	.14	.059	36	46	.04	966	.01	7	.64	.01	.12	4	1080
23744	10	25	48	542	1.4	48	14	1307	4.50	1421	5	ND	18	83	9.6	293	5	48	.16	.083	47	48	.03	898	.01	10	.67	.01	.13	2	1690
23745	9	17	54	578	1.3	31	14	878	4.29	901	7	ND	14	88	7.5	170	7	44	.10	.065	44	44	.03	921	.01	6	.60	.01	.12	1	310
23746	12	23	29	585	1.5	66	15	1727	5.87	2368	5	5	13	72	11.7	895	2	68	.17	.086	45	40	.03	862	.01	5	.52	.01	.10	1	4760
23747	12	35	22	545	2.0	78	13	1094	4.66	1986	5	6	10	155	15.0	380	4	115	.18	.135	36	57	.02	1793	.01	3	.61	.01	.08	1	5810
23748	18	117	32	673	2.8	122	12	378	2.71	445	5	ND	5	701	4.4	157	3	249	.84	.679	27	155	.04	6937	.01	16	1.03	.01	.12	1	710
23749	36	93	21	741	1.9	152	15	1008	2.98	175	8	ND	4	455	5.3	108	4	232	.44	.403	24	120	.06	5386	.01	14	.86	.01	.15	2	71
23750	53	76	23	671	1.6	146	12	601	3.14	153	5	ND	6	150	3.3	113	2	252	.41	.201	34	79	.08	1897	.01	19	.78	.01	.23	1	96
23751	13	32	19	277	1.7	70	8	577	1.54	65	7	ND	3	41	1.8	47	5	50	.10	.048	11	73	.03	578	.01	7	.26	.01	.09	1	28
23752	35	76	26	487	1.7	121	12	987	1.88	80	5	ND	3	151	2.7	75	2	199	.25	.144	20	81	.05	1738	.01	10	.51	.01	.15	1	26
23753	11	55	75	425	1.5	52	14	692	4.05	630	5	ND	11	235	4.1	286	8	103	.15	.128	40	42	.06	1562	.01	8	.77	.01	.13	1	72
23754	6	20	164	465	3.8	31	16	879	4.53	615	5	ND	14	116	5.4	177	7	24	.08	.091	51	18	.05	1277	.01	10	.58	.01	.15	1	47
23755	7	8	54	245	.6	25	15	771	4.69	1215	7	ND	11	90	4.6	102	2	19	.15	.095	50	20	.04	1656	.01	3	.54	.01	.15	1	280
23756	6	9	36	379	.4	42	17	1067	4.34	303	5	ND	14	92	5.7	88	2	27	.19	.130	54	21	.05	1205	.01	9	.77	.01	.18	1	12
23757	16	56	71	197	1.5	36	8	607	2.56	160	6	ND	6	290	5.0	68	8	219	.77	.380	31	126	.06	1312	.01	16	.90	.01	.27	1	32
23758	29	52	41	210	.6	60	5	179	1.26	115	5	ND	2	337	1.7	48	4	353	.44	.286	15	93	.05	2361	.01	17	.75	.01	.20	1	24
23759	26	61	68	321	2.1	59	10	684	2.80	273	5	ND	7	181	3.5	83	2	319	.14	.117	25	66	.04	1653	.01	13	.59	.01	.14	1	32
23760	10	10	38	365	.5	56	13	2081	4.00	142	5	ND	17	62	5.7	93	2	46	.27	.124	53	24	.05	944	.01	10	.72	.01	.22	1	11
23761	8	8	19	611	.1	78	22	1768	4.91	176	6	ND	18	38	5.0	95	9	50	.53	.126	54	27	.38	874	.01	2	1.44	.01	.20	1	5
23762	8	12	9	541	.4	73	18	1376	4.74	279	5	ND	17	44	9.2	82	7	44	.62	.121	49	24	.28	758	.01	4	1.09	.01	.17	1	12
23763	9	23	28	390	.8	41	18	955	4.83	198	5	ND	17	43	2.2	66	4	32	.41	.126	57	20	.05	640	.01	9	.75	.01	.19	1	28
23765	14	19	55	286	1.3	35	16	1846	5.67	682	5	ND	15	69	3.6	95	11	66	.11	.064	42	40	.04	856	.01	7	.74	.01	.11	2	320
23766	10	50	154	475	4.2	44	23	1093	4.88	744	5	ND	15	66	5.9	125	4	43	.10	.038	40	26	.04	704	.01	4	.60	.01	.11	2	400
23767	12	56	199	709	4.6	62	24	878	5.18	621	8	ND	12	56	6.9	157	8	51	.08	.038	32	36	.04	624	.01	12	.74	.01	.12	1	410
23768	8	18	58	331	1.0	41	14	889	2.91	277	5	ND	11	64	3.6	61	2	49	.05	.040	21	37	.02	771	.01	6	.71	.01	.10	1	42
23769	9	9	32	220	.8	34	12	1086	3.92	848	5	2	12	78	2.0	64	2	47	.08	.044	31	34	.03	863	.01	13	.64	.01	.11	2	1290
23770	8	11	24	227	.5	50	16	1737	5.25	1943	5	3	13	79	2.7	77	2	54	.14	.043	44	24	.06	828	.01	11	.70	.01	.18	2	3280
23771	17	42	18	249	2.0	54	10	421	2.67	793	5	ND	6	706	6.4	93	2	257	.20	.248	22	69	.04	4079	.01	6	.86	.01	.11	1	850
23772	20	233	13	577	5.0	197	12	528	2.83	345	7	ND	2	840	4.9	114	2	388	2.16	1.153	19	192	.06	5213	.01	16	1.24	.01	.16	1	48
23773	10	77	26	266	2.1	88	10	602	3.18	320	5	ND	5	221	2.6	85	3	105	.28	.162	24	45	.05	1551	.01	14	.77	.01	.23	1	290
23774	10	23	20	523	.7	62	19	1044	4.32	851	6	ND	12	72	3.7	411	5	54	.07	.057	28	39	.04	802	.01	5	.65	.01	.08	1	530
23775	10	31	32	493	.6	67	20	996	4.16	878	5	ND	17	72	2.3	1204	2	52	.28	.125	51	33	.05	839	.01	3	.77	.01	.11	1	860
23776	8	24	18	527	1.2	58	15	914	4.08	1372	5	3	18	40	5.5	859	2	49	.39	.135	59	26	.05	683	.01	5	.59	.01	.14	1	3150
23777	9	27	25	829	1.7	101	21	1865	4.49	947	5	ND	18	44	4.4	976	9	57	.44	.135	62	28	.34	645	.03	10	1.20	.01	.23	1	400
23778	12	24	25	637	1.1	72	20	1402	4.19	906	5	ND	19	74	6.7	992	2	55	.35	.127	57	27	.04	833	.01	6	.79	.01	.13	1	1260
STANDARD C/AU-R	20	58	38	132	7.5	71	32	1065	3.97	40	22	8	41	53	17.0	16	22	58	.48	.090	40	59	.89	176	.09	32	1.88	.06	.15	11	480

FOSTERS BCRC 91-372

FOSTERS BCRC 91-373

FOSTERS BCRC 91-374

JUN-05-1991 12:23 FROM ACME ANALYTICAL TO 1-403-6876623 P.003

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
023779	8	21	14	575	.8	72	14	730	3.34	710	5	ND	14	42	5.0	492	2	55	.38	.120	52	13	.25	532	.03	5	.88	.01	.22	2	500
023780	5	21	19	558	.4	74	16	519	3.58	371	5	ND	15	56	3.7	264	2	66	.58	.118	49	24	.73	602	.07	4	1.36	.02	.33	2	220
023781	5	16	16	493	.5	65	15	412	3.49	230	5	ND	13	62	3.4	201	2	62	1.01	.117	44	35	.70	585	.06	3	1.26	.02	.34	1	240
023782	9	21	29	819	.7	96	20	298	3.58	668	5	ND	12	130	12.8	915	2	52	.38	.130	51	36	.09	452	.01	5	.78	.01	.17	3	880
023783	15	75	34	1116	1.3	148	18	208	4.17	452	5	ND	8	199	7.5	750	2	260	.68	.347	36	34	.15	1295	.01	15	1.23	.01	.34	4	47
023784	11	58	30	879	.7	122	14	214	3.32	173	5	ND	7	88	5.1	321	2	35	.07	.071	28	20	.09	705	.01	11	.80	.01	.21	4	22
023785	13	79	13	769	3.1	135	10	132	2.91	187	5	ND	5	57	3.1	175	2	53	.10	.063	20	51	.06	666	.01	7	.49	.01	.12	4	22
023786	14	148	19	852	4.8	187	13	104	3.33	144	5	ND	5	125	3.1	169	2	81	.45	.231	28	61	.09	1219	.01	13	.72	.01	.22	3	12
023787	10	138	20	562	3.3	148	8	127	2.39	95	5	ND	4	209	2.2	106	2	82	.47	.287	27	33	.09	2295	.01	13	.85	.01	.19	1	8
023788	8	165	9	374	3.2	121	7	83	2.01	60	5	ND	3	339	1.1	61	2	78	.34	.347	25	1	.07	4023	.01	13	.83	.01	.17	1	4
023805	17	95	61	1427	3.9	229	16	605	3.77	163	5	ND	4	185	6.8	232	2	82	.14	.161	18	19	.08	2608	.01	8	.67	.01	.13	8	21
023806	18	73	55	1561	3.1	198	13	1243	4.14	179	5	ND	6	137	18.7	128	2	115	.12	.119	27	8	.07	1835	.01	5	.64	.01	.15	8	49
023807	16	51	31	513	1.4	83	12	1087	2.93	100	5	ND	6	81	7.1	46	2	64	.07	.047	24	11	.06	1109	.01	8	.54	.01	.16	3	22
023808	5	38	25	252	1.2	48	6	304	2.26	62	5	ND	5	82	2.4	48	2	37	.07	.052	21	1	.05	948	.01	10	.51	.01	.17	1	2
023809	6	51	26	162	1.1	42	6	113	2.54	44	5	ND	6	247	.3	59	2	38	.12	.115	27	1	.08	1710	.01	13	.76	.01	.30	1	21
023810	11	149	45	147	2.1	63	5	168	4.01	111	10	ND	9	636	1.5	48	2	163	1.15	1.378	40	53	.17	603	.01	33	1.77	.01	.69	1	25
023811	24	138	32	350	1.5	57	5	86	2.72	74	5	ND	6	338	2.0	25	2	201	.49	.294	30	20	.11	1481	.01	16	1.08	.01	.37	1	13
023812	53	189	30	1084	2.4	177	8	982	2.93	133	9	ND	4	165	38.0	35	2	446	.53	.127	22	12	.26	2390	.01	11	.75	.01	.23	5	5
023813	10	67	30	742	1.2	80	13	675	3.91	100	5	ND	5	148	3.7	34	2	68	2.03	.055	21	21	1.13	1128	.01	13	.74	.01	.27	1	12
023814	8	60	15	417	1.1	76	13	568	3.20	54	5	ND	6	166	1.7	35	2	53	3.26	.047	23	17	1.55	848	.01	12	.59	.01	.25	1	8
023815	10	58	53	416	1.1	65	12	764	3.51	66	5	ND	14	375	2.5	15	2	56	2.62	.084	47	20	1.02	636	.01	10	.66	.01	.25	1	10
023816	7	38	52	435	.6	55	13	909	4.55	47	5	ND	14	277	2.1	19	2	31	2.43	.057	47	22	.79	709	.01	10	.66	.01	.22	1	6
023817	9	54	22	574	.5	73	17	880	4.07	76	5	ND	11	151	5.8	27	2	67	2.78	.109	44	38	.93	790	.01	5	.65	.01	.17	1	4
023818	7	51	29	546	.5	61	18	1195	4.95	99	5	ND	11	186	5.0	18	2	87	4.22	.071	34	64	1.37	900	.01	5	.55	.01	.09	1	3
023819	9	47	23	739	.6	71	18	1230	2.94	124	5	ND	7	123	6.0	17	2	52	1.87	.060	23	31	.85	842	.01	7	.59	.01	.18	1	1
023820	7	45	10	309	.3	34	8	459	2.29	41	5	ND	6	52	2.8	16	2	13	.69	.017	23	12	.39	269	.01	9	.50	.01	.22	1	1
023821	5	42	17	261	.3	37	11	627	2.53	37	5	ND	5	94	3.1	13	2	9	1.44	.040	16	15	.73	139	.01	9	.41	.01	.20	1	3
023822	2	44	8	216	.2	28	8	609	1.93	46	5	ND	4	142	.6	14	2	12	2.61	.014	14	21	1.24	95	.01	9	.42	.01	.20	1	8
023823	11	19	41	499	.8	58	18	1517	2.44	697	5	ND	14	97	6.7	1515	2	42	.17	.052	50	7	.05	1024	.01	7	.57	.01	.11	3	1020
023824	11	19	35	401	.9	53	16	1084	2.57	557	5	ND	13	104	4.6	1416	2	50	.15	.055	45	17	.05	1289	.01	12	.76	.01	.14	3	1040
023825	11	28	59	536	1.7	70	14	1302	4.80	1492	5	ND	8	93	6.2	1123	2	49	2.75	.042	28	19	.17	914	.01	6	.62	.01	.11	1	3950
023826	6	16	31	277	1.5	27	8	1476	4.97	954	7	ND	5	347	1.3	9657	2	33	6.44	.062	16	34	1.69	365	.01	9	.45	.01	.12	1	1590
023827	12	19	29	627	1.6	63	10	1776	6.17	858	7	ND	6	192	4.3	2155	2	55	6.19	.060	20	11	.66	776	.01	4	.47	.01	.11	2	1100
023828	28	49	66	1178	2.3	121	9	850	5.47	761	5	ND	5	168	7.0	685	2	142	2.40	.070	20	1	.32	1502	.01	6	.47	.01	.10	5	2840
023829	12	32	69	592	1.6	77	13	828	3.98	302	5	ND	12	205	3.8	270	3	75	.35	.163	40	1	.05	2129	.01	8	.72	.01	.12	2	240
023830	5	21	47	283	.8	29	12	1098	3.79	372	5	ND	15	127	1.2	87	2	43	1.53	.101	44	3	.06	1387	.01	6	.67	.01	.11	1	260
STANDARD C/AU-R	19	62	41	133	7.3	71	33	1050	3.88	37	16	8	38	52	18.7	15	20	56	.49	.090	38	59	.88	172	.09	34	1.87	.07	.15	11	470

Bark 91-374 FOSTERS

BERC 91-376 FOSTERS

BERC 91-377 FOSTERS

JUN-05-1991 12:24 FROM ACME ANALYTICAL TO 1-403-6576523 P.004

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
023831	4	35	59	429	1.0	33	14	1096	3.92	174	5	MD	19	129	2.4	117	2	49	.60	.115	52	35	.06	1473	.01	5	.83	.01	.11	2	58
023832	4	37	35	324	.7	37	13	860	3.61	192	5	MD	17	130	3.0	96	2	40	.48	.108	51	32	.05	1616	.01	4	.79	.01	.11	1	36
023833	11	95	42	757	1.9	155	17	886	4.21	673	11	MD	14	198	6.7	246	2	98	.25	.178	41	55	.05	2164	.01	7	.82	.01	.14	1	250
023834	5	47	69	978	3.8	90	14	466	3.82	460	5	MD	16	143	5.5	146	2	58	.10	.121	36	32	.04	1517	.01	4	.73	.01	.10	1	240
023835	11	91	76	1409	4.5	146	11	719	4.56	390	5	MD	8	357	18.1	169	2	69	.61	.401	27	64	.06	3963	.01	8	.86	.01	.15	1	310
023836	2	55	33	393	1.6	40	9	848	2.67	88	6	MD	7	83	3.2	70	2	23	1.97	.035	19	20	.42	970	.01	7	.53	.01	.19	1	28
023837	2	41	72	202	2.0	24	4	62	1.89	57	5	MD	7	108	.9	67	3	20	.13	.064	22	18	.07	1117	.01	13	.53	.01	.22	2	21
023838	1	43	63	286	2.0	33	8	745	2.76	66	6	MD	6	141	2.5	60	2	15	3.43	.026	18	18	1.33	478	.01	6	.43	.01	.16	1	13
023839	2	71	36	342	2.8	32	8	601	2.42	62	8	MD	7	69	6.7	58	2	14	1.38	.028	19	13	.30	383	.01	7	.41	.01	.18	2	3
023840	9	123	38	623	3.3	119	7	155	2.67	566	5	MD	7	266	4.0	358	2	78	.76	.354	25	113	.08	2675	.01	15	.78	.01	.19	2	410
023841	10	40	42	327	2.2	73	11	1027	1.84	118	9	MD	3	71	3.8	176	2	31	.69	.039	8	81	.37	622	.01	5	.25	.01	.08	2	61
023842	10	59	33	608	1.7	86	20	1218	3.94	157	5	MD	8	252	3.0	256	2	48	.65	.516	39	93	.11	2465	.01	12	1.01	.01	.21	1	27
023843	12	36	45	194	2.4	39	7	174	1.55	79	6	MD	3	44	.7	75	2	19	.08	.027	9	126	.03	405	.01	6	.24	.01	.09	1	59
023844	10	38	24	432	2.0	60	12	558	1.89	32	5	MD	4	43	1.6	28	2	25	.46	.021	10	95	.26	330	.01	7	.25	.01	.11	1	9
023845	10	47	58	408	3.2	70	10	375	2.36	49	5	MD	4	65	.5	24	2	30	.26	.050	12	83	.14	659	.01	7	.35	.01	.12	1	16
023846	8	50	30	325	.9	45	9	177	2.55	44	6	MD	6	37	.5	35	2	15	.09	.035	21	32	.09	390	.01	12	.64	.01	.26	1	14
023847	11	47	41	363	.8	43	11	671	3.17	137	5	MD	7	215	.6	35	2	32	.29	.103	24	41	.08	2006	.01	11	.92	.01	.24	1	38
023848	4	24	46	211	.6	19	8	798	2.99	97	6	MD	10	138	1.6	28	2	15	1.86	.059	25	21	.25	825	.01	7	.77	.01	.17	1	36
023849	4	32	38	280	.8	31	12	1043	3.98	118	8	MD	9	399	.7	28	2	37	3.23	.194	33	32	.63	2336	.01	9	.96	.01	.23	1	57
023850	8	44	28	510	1.1	57	17	1124	3.69	100	6	MD	6	251	1.3	23	2	42	.96	.141	23	53	.41	2466	.01	9	.83	.01	.21	1	21
023851	11	47	22	271	1.2	42	9	423	1.84	57	5	MD	6	167	.9	16	2	25	.86	.060	26	40	.46	1360	.01	13	.53	.01	.20	1	16
023852	11	40	24	344	.9	50	10	415	2.23	70	8	MD	6	133	1.1	22	2	20	2.55	.043	15	21	1.24	579	.01	11	.49	.01	.21	1	24
023853	8	79	26	279	.8	40	8	283	2.16	42	5	MD	4	111	1.2	20	2	18	1.50	.041	14	30	.72	241	.01	13	.54	.01	.24	1	17
STANDARD C/AU-R	19	64	43	130	7.3	70	33	1052	3.93	37	17	6	39	52	18.6	15	17	57	.49	.090	38	58	.86	174	.09	32	1.91	.06	.15	11	470

FOSTERS BORE 91-377

FOSTERS BORE 91-378

JUN-05-1991 12:28 FROM HUNTEC HATFIELD UK TO 1-403-66?6523 P.002

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-013 File # 91-1580 Page 1

1050 Davie St., Vancouver BC V6E 1M4

FOSTERS @ BCRC 91-373

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
023764	25	80	90	533	5.4	94	15	1421	3.89	506	5	ND	10	157	8.5	177	2	313	.28	.175	32	73	.03	1749	.02	8	.65	.01	.11	3	100
023789	25	53	37	339	1.4	53	10	331	2.17	477	5	ND	4	409	1.5	197	2	201	.10	.233	14	93	.04	5637	.01	11	.83	.01	.10	1	260
023790	10	25	33	419	.7	70	14	609	2.55	607	5	ND	9	99	1.6	290	2	52	.07	.049	22	33	.02	2085	.01	10	.67	.01	.08	1	300
023791	6	18	41	164	.1	39	4	893	.79	180	11	ND	8	115	1.9	207	2	22	.05	.039	19	33	.01	960	.01	5	.57	.01	.06	1	63
023792	9	27	39	314	.2	39	7	1117	1.77	387	5	ND	10	164	1.6	215	2	38	.06	.067	17	41	.01	1482	.01	4	.66	.01	.06	1	52
023793	18	26	43	828	.7	123	17	3038	4.11	913	5	ND	13	123	5.0	541	2	64	.10	.048	19	52	.03	860	.01	6	.83	.01	.08	3	300
023794	16	23	34	748	1.1	103	24	1770	3.69	1304	5	2	11	86	7.6	558	2	58	.10	.048	21	42	.02	891	.01	2	.54	.01	.08	1	1370
023795	9	23	38	421	1.2	51	15	849	3.44	676	5	ND	10	79	2.9	232	2	64	2.29	.038	16	47	.10	715	.01	2	.66	.01	.06	2	310
023796	11	29	47	680	1.5	69	18	869	4.36	965	5	ND	10	62	8.2	725	5	57	.93	.041	22	40	.10	585	.01	2	.64	.01	.09	1	640
023797	9	27	34	604	1.6	57	15	1055	4.15	984	5	2	14	91	7.3	757	2	57	1.28	.061	35	40	.05	802	.01	8	.91	.01	.12	2	1080
023798	6	29	34	249	1.0	28	16	1065	4.80	1739	9	ND	12	79	1.6	319	2	52	.90	.035	36	36	.07	609	.01	7	.81	.01	.12	1	1420
023799	4	29	42	197	1.2	23	12	1047	3.28	951	5	2	14	103	1.3	126	2	46	3.00	.033	33	36	.15	640	.01	7	.72	.01	.11	1	820
023800	9	35	38	368	1.6	39	16	1329	4.84	1224	7	2	14	118	3.8	327	7	54	2.98	.033	33	41	.20	583	.01	6	.86	.01	.14	2	1140
023801	8	23	26	235	1.3	29	11	1271	4.14	1500	5	ND	10	162	3.6	194	2	41	3.78	.028	25	31	.80	462	.01	6	.56	.01	.13	1	1160
023802	7	44	18	427	3.7	82	10	1541	4.23	991	5	2	7	415	4.7	209	2	82	6.08	.284	21	54	1.61	1869	.01	10	.57	.01	.11	2	1920
023803	14	96	20	520	4.2	144	10	529	2.68	186	5	ND	2	474	10.6	194	2	107	1.05	.573	20	153	.12	4425	.01	14	.84	.01	.16	1	110
023804	8	76	30	190	4.0	76	10	389	2.48	165	5	ND	3	220	1.9	136	2	54	.61	.196	18	101	.15	2148	.01	11	.54	.01	.15	1	150
023854	23	137	16	437	3.9	117	9	1152	2.26	253	5	ND	3	369	6.8	213	2	361	.66	.454	9	87	.06	3860	.01	14	.91	.01	.17	1	92
023855	21	118	21	476	3.3	163	11	342	1.85	318	7	ND	2	495	2.4	122	2	431	.62	.515	7	74	.04	5101	.01	13	1.01	.01	.13	1	50
023856	26	61	57	445	4.1	93	9	276	2.49	177	8	ND	2	236	6.6	460	2	237	.23	.223	10	82	.02	2462	.01	2	.52	.01	.05	1	30
023857	16	77	31	679	3.4	94	15	1187	3.79	745	5	ND	17	144	11.5	96	2	93	.68	.157	56	51	.05	1122	.01	6	.78	.01	.14	1	130
023858	8	46	34	516	2.5	60	17	1129	3.89	420	5	ND	21	213	4.3	56	2	35	2.65	.125	64	30	.43	543	.01	5	.51	.01	.14	1	70
023859	6	44	29	547	.1	66	14	1127	3.76	111	5	ND	21	361	3.8	48	2	36	2.92	.123	60	27	.84	718	.01	4	.59	.01	.16	1	50
023860	12	81	41	392	1.5	54	6	466	2.08	139	5	ND	9	397	6.7	53	2	354	1.71	.423	32	92	.35	1070	.01	10	.86	.01	.23	1	34
023861	18	78	24	273	2.0	49	2	85	1.14	87	5	ND	3	185	5.8	48	2	515	.90	.448	13	113	.05	895	.01	12	.56	.01	.20	1	66
023862	20	81	25	330	2.4	55	4	72	1.68	130	5	ND	2	321	9.8	56	4	322	1.87	1.005	15	97	.04	1157	.01	18	.64	.01	.23	1	37
023863	16	85	29	269	3.2	39	3	78	1.13	89	5	ND	4	305	7.6	41	2	600	1.04	.537	17	104	.06	1452	.01	15	.69	.01	.27	1	42
023864	12	92	16	225	1.2	27	1	136	.70	64	5	ND	1	235	7.3	24	2	516	1.22	.541	11	104	.04	758	.01	11	.52	.01	.20	1	16
023865	13	77	27	440	1.6	44	5	329	1.90	153	5	ND	5	328	11.9	38	3	377	2.11	.481	18	65	.40	286	.01	13	.78	.01	.25	1	19
023866	4	18	25	286	.7	21	7	357	2.64	70	5	ND	7	297	4.7	16	6	17	2.87	.054	14	23	.94	129	.01	9	.39	.01	.16	1	14
023867	9	23	48	479	.7	47	9	492	2.81	55	5	ND	7	270	5.5	22	8	32	2.28	.148	18	46	.64	148	.01	10	.52	.01	.20	1	9
023868	9	22	33	432	.7	41	9	470	2.84	51	5	ND	8	219	4.5	22	2	25	2.02	.113	20	57	.67	147	.01	7	.48	.01	.17	1	5
023869	10	81	28	417	.5	91	14	534	3.37	47	6	ND	6	298	3.3	45	5	100	2.70	.244	21	45	1.00	71	.01	12	.63	.01	.26	1	7
023870	8	27	14	261	.3	55	9	574	2.85	50	5	ND	11	255	1.8	27	5	101	2.30	.159	32	66	1.03	241	.05	7	1.18	.03	.30	1	9
023871	7	23	16	325	.1	37	9	1314	2.90	68	5	ND	11	241	3.7	24	2	70	2.28	.132	33	50	1.08	350	.05	7	1.07	.03	.28	1	3
023872	5	18	10	279	.2	31	9	814	2.57	38	5	ND	11	218	1.6	17	2	51	2.22	.095	33	44	1.06	603	.03	7	.98	.02	.20	1	7
STANDARD C/AU-R	18	61	38	133	7.3	70	32	1045	3.92	37	19	7	39	52	18.9	15	23	56	.47	.092	39	57	.89	175	.09	35	1.87	.06	.15	11	480

BCRC 91-375 FOSTERS

BCRC 91-379 KOK

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: ROCK PULP

DATE RECEIVED: JUN 4 1991 DATE REPORT MAILED: June 7/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
123873 KOK BORC 91-379	6	17	24	355	.2	37	9	615	3.04	38	5	ND	14	166	2.5	46	7	61	2.27	.125	42	54	1.07	1109	.05	6	1.72	.01	.28	1	5
123874	9	36	17	775	.8	106	11	588	2.69	79	5	ND	13	220	5.3	45	2	147	2.35	.607	40	65	.68	1263	.06	2	1.29	.01	.28	1	1
123875	24	114	10	697	2.1	77	4	293	1.09	71	5	ND	5	339	12.4	27	6	744	3.91	1.573	24	290	.18	1066	.01	8	.66	.01	.22	1	1
123876	12	114	11	724	2.2	82	8	227	.88	77	9	ND	3	330	11.3	33	3	728	3.41	1.369	19	140	.16	1173	.01	10	.64	.01	.21	1	1
123877	22	162	12	1842	2.5	99	3	150	.82	127	5	ND	6	274	36.9	39	2	1441	3.15	1.140	24	136	.28	1054	.01	7	.74	.01	.31	1	4
123878	6	13	19	500	.4	74	15	451	3.56	75	5	ND	16	81	.7	105	3	68	.42	.112	40	57	.93	2101	.01	7	2.05	.01	.18	1	3
123879	4	12	10	550	.1	87	17	462	3.42	57	5	ND	11	56	1.5	97	2	71	.39	.108	38	66	.98	1166	.02	4	1.70	.02	.18	1	2
123880	5	15	20	654	.1	124	20	549	3.48	67	5	ND	12	67	2.7	99	2	68	.48	.109	37	61	.87	1270	.01	7	1.47	.02	.17	1	5
123881	7	16	35	824	.1	151	24	854	3.79	85	5	ND	12	71	4.2	130	2	40	.48	.116	42	42	.47	1177	.01	4	1.29	.02	.19	1	7
123882	9	27	70	530	.5	82	14	511	3.70	132	5	ND	10	160	2.4	118	2	33	.22	.107	37	23	.10	530	.01	6	.79	.02	.30	1	3
123883 KOK BORC 91-380	11	30	19	522	.1	74	12	405	3.87	172	5	ND	11	116	4.3	181	7	21	.32	.140	43	15	.10	652	.01	7	.98	.02	.27	1	3
123884	19	28	61	563	.3	63	12	405	4.63	327	10	ND	11	168	1.8	171	3	22	.17	.125	40	21	.07	397	.01	8	.58	.01	.31	1	17
123885	20	35	52	596	.6	122	28	789	3.08	329	5	ND	5	292	4.0	572	5	87	.21	.073	22	20	.04	548	.01	9	.51	.01	.24	1	6
123886	19	45	20	536	.7	111	16	273	2.21	221	7	ND	4	236	2.7	211	4	161	.26	.085	13	38	.05	1079	.01	13	.61	.01	.23	1	1
123887	19	32	16	609	.7	114	7	546	1.92	200	5	ND	3	140	2.2	108	2	139	.25	.061	14	32	.04	1329	.01	13	.49	.01	.16	1	10
123888	17	33	24	536	.7	91	6	337	1.92	190	5	ND	4	211	3.6	112	2	132	.23	.082	17	32	.05	1145	.01	20	.61	.01	.22	1	7
123889	9	28	18	415	.4	55	4	54	1.56	276	5	ND	4	203	5.7	204	2	93	.20	.060	19	26	.04	797	.01	13	.51	.01	.22	1	29
123890	24	64	22	655	1.7	70	5	58	2.22	417	5	ND	2	292	12.5	973	2	228	.13	.106	9	58	.03	1586	.01	8	.48	.01	.14	1	210
123891	7	13	9	442	.1	66	13	761	3.55	49	5	ND	17	46	.6	43	2	67	.40	.106	45	87	1.02	804	.01	5	1.76	.02	.13	1	5
123892	4	18	25	391	.1	53	14	732	3.60	44	5	ND	18	83	1.3	25	2	70	.93	.101	33	61	1.18	562	.01	6	1.66	.02	.12	1	9
123893	3	12	10	313	.1	42	13	716	3.40	31	5	ND	12	90	.6	20	2	79	1.24	.098	32	69	1.30	994	.01	5	1.80	.03	.14	1	1
123894	5	12	25	258	.1	43	13	940	3.62	30	5	ND	12	83	1.3	21	2	76	1.01	.106	33	70	1.22	880	.01	7	1.77	.03	.17	1	5
123895	4	14	17	243	.2	39	14	880	3.54	33	5	ND	14	87	2.3	25	2	76	1.17	.107	37	67	1.15	720	.02	6	1.68	.03	.16	1	7
123896	5	15	15	368	.1	60	18	1007	3.75	42	5	ND	13	70	2.8	31	2	75	.71	.120	39	68	1.13	2929	.01	5	1.89	.02	.17	1	9
123897	6	15	21	309	.1	44	16	688	3.71	60	5	ND	13	67	3.3	39	2	47	.54	.121	46	46	.47	1241	.01	6	1.26	.02	.22	1	3
123898	12	28	33	386	.2	56	13	558	3.62	125	5	ND	11	141	6.3	52	2	65	.42	.105	37	32	.16	656	.01	10	.84	.03	.26	1	8
123899	16	25	20	158	.5	46	5	749	2.54	95	5	ND	5	166	2.8	42	2	68	.17	.056	18	25	.04	120	.01	10	.39	.03	.34	1	6
123900	16	18	19	110	.3	30	3	93	1.79	36	5	ND	4	101	1.4	10	2	78	.18	.036	19	37	.05	146	.01	16	.44	.02	.36	1	3
123900 (DUP)	13	15	18	98	.5	26	3	80	1.65	30	5	ND	6	96	1.8	10	2	71	.20	.033	19	30	.06	133	.01	14	.41	.02	.33	1	2
123901 KOK BORC 91-381	12	14	13	118	.2	24	3	85	1.51	66	5	ND	4	108	1.7	10	2	82	.23	.035	18	27	.06	210	.01	16	.43	.02	.30	1	1
123902	12	13	15	136	.3	22	3	83	1.25	91	5	ND	3	101	1.2	12	3	75	.24	.031	13	19	.05	269	.01	13	.40	.01	.27	1	1
123903	12	23	17	203	.6	42	1	60	1.16	176	7	ND	5	157	1.0	27	2	91	.25	.050	15	20	.04	400	.01	15	.46	.01	.25	1	1
123904	6	10	15	170	.3	29	2	16	.54	106	5	ND	5	93	.9	21	2	60	.20	.016	21	19	.05	934	.01	16	.43	.01	.23	1	1
123905	8	16	18	165	.3	24	2	7	.34	84	5	ND	4	84	1.1	22	2	57	.13	.010	12	21	.04	1463	.01	14	.33	.01	.16	1	1
123906	10	23	21	189	.2	26	3	21	.81	140	5	ND	5	131	1.2	28	2	63	.12	.027	13	19	.04	409	.01	13	.37	.01	.22	1	2
123907	10	32	13	252	.4	33	2	20	1.07	143	5	ND	3	218	1.1	54	2	82	.12	.041	14	28	.04	608	.01	9	.60	.02	.25	1	1
123908	5	25	21	164	.1	21	2	9	.83	50	5	ND	6	87	1.0	35	2	63	.10	.016	23	20	.04	406	.01	11	.30	.01	.22	1	2
STANDARD C/AU-R	21	60	42	130	7.4	71	33	1062	3.96	43	18	8	40	53	17.0	16	18	60	.48	.090	41	58	.88	178	.09	34	1.87	.07	.15	12	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
23909 91-381	6	20	22	260	.6	35	2	23	.70	81	5	ND	3	206	1.3	81	2	94	.10	.039	12	23	.04	991	.01	13	.52	.01	.17	1	7
23910	3	26	42	275	.2	43	14	984	4.43	587	8	ND	20	146	2.2	157	2	39	.17	.099	66	28	.07	2545	.01	8	.84	.01	.13	1	91
23911	2	25	36	196	.4	25	11	847	3.92	507	5	ND	16	93	1.2	93	2	29	.98	.109	46	20	.07	2013	.01	7	.55	.01	.13	1	340
23912	3	10	29	126	.3	19	11	924	4.05	784	5	ND	16	113	.4	85	2	27	.36	.077	53	22	.05	2429	.01	7	.63	.01	.13	1	650
23913	3	15	26	155	.1	22	10	584	3.35	182	5	ND	18	110	.8	72	2	57	1.15	.041	47	41	.07	1656	.01	6	.90	.01	.11	1	34
23914	2	9	51	152	.1	21	10	701	3.41	83	5	ND	19	79	.3	55	2	67	.55	.093	50	42	.05	1356	.01	4	.79	.01	.07	1	21
23915	3	6	27	134	.1	20	11	1167	3.86	102	5	ND	17	73	.4	44	2	60	1.94	.113	44	39	.13	1122	.01	3	.69	.01	.10	1	13
23916	5	26	23	143	.2	37	10	782	3.50	82	5	ND	14	137	.8	58	10	52	1.18	.116	46	34	.14	1265	.01	5	.79	.01	.18	1	20
23917	7	21	31	203	.3	41	11	765	4.14	292	8	ND	12	138	.9	66	2	26	.21	.070	40	20	.05	511	.01	10	.57	.01	.30	1	97
23918	7	16	32	226	.1	27	13	1595	4.12	401	5	ND	15	69	1.7	82	2	27	.36	.108	53	24	.06	818	.01	7	.78	.01	.19	1	37
23919	5	26	39	227	.1	27	12	1175	4.26	278	5	ND	13	105	1.9	74	2	24	.69	.079	50	19	.06	1147	.01	9	.82	.01	.17	1	28
23920	9	24	44	203	.2	42	11	1088	3.81	221	5	ND	10	121	1.4	80	2	39	.21	.071	41	25	.06	1884	.01	11	.87	.01	.20	1	27
23921	10	15	23	49	.8	18	1	93	1.23	59	5	ND	4	115	.2	18	2	72	.16	.052	12	23	.04	1944	.01	14	.54	.01	.16	1	15
23922	9	29	32	289	.1	48	14	1053	4.23	202	5	ND	11	107	1.9	23	2	41	.34	.088	41	28	.06	1202	.01	10	.85	.01	.16	1	19
23923	4	10	21	162	.2	19	12	1409	4.16	167	5	ND	14	120	1.0	14	2	17	2.02	.061	44	16	.12	982	.01	9	.74	.01	.18	1	7
23924	7	5	32	196	.1	26	15	1325	4.22	688	5	ND	16	93	1.0	27	2	16	.66	.083	51	22	.07	779	.01	9	.85	.01	.20	1	59
23925	4	11	20	178	.1	28	13	1278	4.13	438	5	ND	15	146	.4	15	2	16	2.08	.085	42	21	.22	532	.01	9	.74	.01	.18	1	20
23926	8	21	40	253	.3	36	13	1110	4.29	578	5	ND	15	107	1.6	30	2	20	1.32	.092	47	31	.10	579	.01	9	.82	.01	.18	1	62
23927	12	21	42	323	1.2	63	16	613	4.96	1460	5	2	12	113	2.4	43	2	31	.23	.072	44	23	.05	999	.01	7	.81	.01	.11	1	1980
23928	13	26	31	375	.6	87	15	370	4.97	1121	5	ND	13	196	3.3	75	2	46	.17	.094	43	20	.05	1066	.01	7	.98	.01	.13	1	900
23929	11	34	50	326	.3	76	14	487	4.40	688	5	ND	11	212	.9	105	2	62	.18	.098	39	28	.05	1045	.01	7	.84	.01	.15	1	530
23930	8	20	41	122	.3	25	5	229	2.15	272	5	ND	7	206	.4	34	2	40	.16	.056	24	23	.06	1004	.01	12	.65	.01	.23	1	120
23931	11	31	24	74	.3	17	4	166	2.13	183	10	ND	6	279	.2	35	2	76	.16	.063	16	29	.06	1522	.01	12	.67	.01	.20	1	98
23932	15	22	33	89	.3	17	3	99	2.15	132	6	ND	7	184	.4	34	2	55	.13	.053	23	26	.06	1079	.01	15	.56	.01	.19	1	61
23933	13	26	23	66	.3	14	2	124	1.90	123	12	ND	5	296	.2	32	2	56	.13	.057	16	19	.05	933	.01	12	.48	.01	.19	1	56
23934	3	5	76	163	.5	14	9	529	3.72	415	5	ND	20	85	.5	90	2	42	.07	.047	47	34	.03	1450	.01	10	.85	.01	.10	1	69
23935	4	31	61	126	2.7	18	10	498	4.37	805	5	2	20	108	.9	129	2	42	.07	.051	48	69	.03	1209	.01	9	.87	.01	.12	1	1500
23936	4	11	45	138	.5	24	12	996	3.66	789	5	ND	18	83	.6	195	2	28	.17	.090	62	36	.06	1083	.01	10	.77	.01	.16	1	310
23937	6	45	52	197	.1	41	13	581	3.96	549	5	ND	16	86	.8	190	2	36	.16	.092	54	32	.05	957	.01	8	.84	.01	.18	1	89
23938	13	36	22	22	.2	8	2	50	2.60	109	5	ND	7	80	.2	39	5	56	.09	.040	20	27	.03	1851	.01	10	.55	.01	.15	1	17
23939	6	13	71	49	.4	15	2	30	2.55	66	5	ND	9	113	.4	28	2	51	.11	.043	33	25	.05	316	.01	16	.64	.01	.36	1	9
23940	7	44	20	172	.3	40	8	636	2.92	72	5	ND	13	340	1.6	44	2	59	3.45	.084	40	32	1.29	2292	.01	6	.74	.01	.13	1	8
23941	4	41	42	213	.2	43	18	885	4.71	96	5	ND	23	127	2.1	53	2	38	1.35	.066	61	38	.09	1439	.01	5	1.08	.01	.13	1	7
23942	3	26	38	212	.2	37	14	1019	4.49	122	5	ND	23	168	1.3	90	3	27	1.66	.066	63	38	.09	1318	.01	4	.91	.01	.12	1	12
23943	4	25	30	155	.2	18	11	799	3.80	151	5	ND	14	113	.5	58	2	16	1.25	.054	46	18	.08	1238	.01	10	.94	.01	.23	1	15
23944	7	20	72	196	1.5	18	9	700	4.18	421	5	ND	12	105	1.0	80	2	17	.44	.065	45	26	.06	1380	.01	9	.83	.01	.19	1	97
STANDARD C/AU-R	18	58	37	132	7.4	69	32	1039	3.95	38	18	6	39	52	18.8	14	18	55	.48	.090	37	57	.88	174	.09	31	1.94	.06	.13	11	470

91-382 KOK BORC

91-383 KOK BORC

JUN-07-1991 13:05 FROM ACME ANALYTICAL TO 1-403-6676623 P.004

AMPLE#	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
23945	10	16	107	210	1.2	8	8	265	4.16	711	5	ND	13	96	1.5	68	2	17	.12	.060	46	20	.06	1301	.01	10	.78	.01	.18	1	210
23946	9	19	55	227	.4	27	14	1489	4.17	405	5	ND	11	91	1.8	70	2	22	.14	.072	50	23	.06	1112	.01	11	.87	.01	.18	1	60
23947	8	16	41	364	.4	28	11	2072	4.09	258	5	ND	12	77	5.4	46	3	18	.23	.093	52	19	.07	887	.01	11	.90	.01	.23	1	20
23948	8	26	33	315	.3	20	10	1439	4.39	259	5	ND	13	94	3.5	69	2	18	.22	.089	57	17	.06	1022	.01	12	.88	.01	.23	2	8
23949	12	30	63	257	2.6	26	9	408	4.09	1103	5	ND	11	149	1.4	186	2	60	.10	.083	44	39	.05	1637	.01	8	.76	.01	.13	1	830
23950	2	18	28	113	1.8	14	8	572	2.64	594	5	4	11	144	.9	285	16	26	1.13	.050	35	28	.10	1149	.01	6	.68	.01	.13	1	3590
23951	3	18	34	142	2.7	17	8	1448	3.03	992	5	6	10	144	.9	787	2	27	1.09	.038	29	27	.20	918	.01	6	.57	.01	.11	1	4990
23952	11	24	33	162	1.2	21	5	280	2.22	430	5	ND	6	170	.5	419	5	100	.18	.067	23	43	.05	1652	.01	10	.60	.01	.12	1	310
23953	10	34	39	161	1.3	22	5	270	2.18	416	5	ND	5	169	.9	413	9	99	.17	.065	23	43	.05	1653	.01	9	.60	.01	.12	1	200
23954	18	48	19	211	.9	53	5	248	1.38	108	5	ND	5	481	5.2	63	2	264	.29	.184	19	71	.06	2813	.01	17	.95	.01	.19	1	26
23955	2	27	34	182	.1	24	13	873	4.05	192	5	ND	17	131	.3	54	7	57	.20	.071	51	38	.09	1258	.01	6	.86	.01	.08	1	62
23956	1	16	37	172	.1	29	12	809	3.72	98	5	ND	17	48	1.1	35	2	39	1.01	.113	50	33	.08	679	.01	7	.70	.01	.13	1	5
23957	1	16	26	124	.4	24	11	827	3.44	461	5	ND	17	47	.6	221	10	23	1.74	.106	49	24	.07	750	.01	7	.56	.01	.14	1	780
23958	1	13	15	132	.2	15	9	707	3.32	94	5	ND	17	93	.2	48	5	55	1.98	.093	42	50	.62	696	.03	5	1.33	.02	.23	1	32
23959	2	17	33	146	.1	17	9	678	3.40	117	5	ND	17	89	.4	34	2	65	1.34	.095	46	53	.69	921	.08	4	1.50	.03	.33	1	15
23960	1	7	11	102	.1	14	10	647	3.39	43	5	ND	18	80	.7	32	2	58	1.22	.101	47	44	.72	1095	.01	4	1.53	.02	.13	1	16
23961	1	12	7	119	.1	16	9	648	3.33	49	5	ND	17	59	1.0	40	2	53	.86	.102	49	47	.50	907	.01	4	1.30	.02	.13	1	9
23962	1	12	18	121	.1	15	10	632	3.33	47	5	ND	16	60	.9	38	2	53	.85	.101	49	46	.50	928	.01	4	1.32	.02	.12	1	3
23963	4	17	25	137	.1	17	11	946	3.73	57	5	ND	13	42	.8	34	12	37	1.17	.115	46	33	.07	502	.01	5	.61	.01	.15	1	9
23964	9	16	16	115	.2	33	7	244	2.67	75	5	ND	9	84	.4	53	9	52	.40	.056	35	27	.05	1286	.01	9	.69	.01	.20	1	3
23965	9	42	58	201	.2	66	18	827	4.28	353	5	ND	21	107	2.0	236	2	49	.12	.060	61	49	.05	1397	.01	5	.81	.01	.10	1	1
23966	7	34	46	197	.2	52	19	732	4.58	486	5	ND	23	124	1.3	263	3	41	.08	.059	65	48	.05	1288	.01	6	.81	.01	.08	1	55
23967	8	29	43	174	.5	28	12	1067	4.41	484	5	ND	13	98	1.1	151	2	21	.20	.092	57	25	.06	1071	.01	11	.74	.01	.17	1	110
23968	3	15	43	154	.5	18	10	565	4.37	1307	5	ND	12	42	2.0	205	2	17	.35	.108	52	18	.05	439	.01	9	.61	.01	.18	1	390
23969	4	15	34	176	.4	20	11	752	4.21	592	5	ND	15	35	1.9	131	2	20	.35	.103	51	16	.08	353	.01	9	.69	.01	.18	1	29
23970	6	28	50	292	.5	27	11	995	4.60	1334	5	ND	11	83	1.6	115	2	16	.13	.047	47	14	.05	1624	.01	9	.61	.01	.14	1	280
23971	6	12	46	234	.2	24	11	961	4.20	583	5	ND	13	38	1.5	65	2	13	.34	.095	54	11	.06	402	.01	10	.71	.01	.21	1	21
23972	3	15	25	188	.3	18	10	748	4.30	777	5	ND	13	50	1.9	53	2	14	.69	.101	49	11	.06	355	.01	7	.65	.01	.18	1	90
23973	5	9	29	366	.3	38	14	923	4.40	484	5	ND	14	86	3.2	69	2	19	.54	.052	45	25	.07	914	.01	7	.77	.01	.17	1	120
23974	5	8	78	271	.4	23	12	1097	4.35	189	5	ND	12	78	2.2	36	2	16	.86	.027	37	11	.09	453	.01	8	.60	.01	.14	1	15
23975	2	11	116	332	.6	28	10	987	3.74	58	5	ND	13	211	4.4	18	2	11	2.08	.046	35	7	.45	796	.01	9	.67	.01	.16	1	11
23976	7	34	106	453	.6	68	10	428	3.72	87	5	ND	10	147	7.6	36	2	51	.26	.072	36	18	.10	1502	.01	9	.74	.01	.11	1	3
23977	18	93	29	235	.8	79	6	79	1.72	92	5	ND	3	364	2.3	43	2	292	.20	.166	11	45	.04	3298	.01	10	.88	.01	.09	1	1
23978	8	28	39	505	.1	82	13	391	3.32	85	5	ND	11	167	3.8	77	2	118	.18	.084	36	17	.06	1118	.01	7	.83	.01	.12	1	2
23979	6	17	28	327	.1	39	12	783	3.50	54	5	ND	13	178	5.7	36	2	63	1.68	.076	35	29	.37	984	.01	5	.79	.01	.12	1	6
23980	2	12	32	292	.1	27	10	798	3.01	43	5	ND	13	201	2.6	19	7	41	2.06	.078	31	24	.57	660	.01	3	.52	.01	.12	1	4
STANDARD C/AU-R	18	58	38	132	7.3	70	33	1045	3.97	38	17	7	40	52	18.8	16	17	54	.48	.094	39	57	.88	176	.09	32	1.94	.06	.15	12	470

KOK BCRC 91-383

KOK BCRC 91-384

JUN-07-1991 12:06 FROM ACME ANALYTICAL TO 1-403-6676623 P.005

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
023981 KOK BCRC 91-384	7	9	45	403	.1	37	12	870	3.58	76	5	ND	14	157	3.6	25	5	52	1.69	.051	35	31	.33	1091	.01	7	.95	.01	.14	3	23
023982	12	19	30	409	.2	45	13	725	3.46	61	5	ND	13	152	3.3	32	2	59	.71	.066	41	26	.19	1286	.01	8	1.04	.01	.10	1	10
023983	3	20	39	105	1.6	16	8	1013	2.93	3498	5	12	13	87	.6	284	4	39	.87	.035	39	34	.04	947	.01	9	.75	.01	.10	1	9970
023984	1	25	26	137	.9	18	11	984	3.45	2154	5	4	15	103	.2	89	2	46	.95	.042	40	27	.05	1042	.01	7	.85	.01	.06	1	3490
023985	1	22	30	173	.8	21	13	971	4.00	1509	5	3	19	135	.8	50	2	58	.54	.068	50	37	.08	1590	.02	7	1.22	.01	.07	1	2110
023986	2	23	37	181	.3	26	14	910	4.94	867	5	ND	19	129	1.0	36	7	64	.33	.069	59	33	.06	1620	.01	4	1.07	.01	.04	5	340
023987	2	14	50	192	.6	23	13	862	4.78	697	5	ND	19	124	.3	26	3	62	.16	.068	64	28	.05	1581	.02	5	1.00	.01	.06	1	710
023988	3	28	66	266	.6	47	13	740	3.99	460	5	ND	17	115	.8	58	2	51	.16	.066	46	28	.04	2235	.02	6	1.05	.01	.06	1	740
023989	4	25	37	231	.2	36	12	829	3.75	348	5	ND	18	104	.8	58	5	55	.17	.081	46	32	.06	1571	.02	6	1.09	.01	.09	2	35
023990	5	9	80	344	.5	32	10	687	4.40	197	5	ND	16	106	1.3	48	2	66	.41	.100	53	35	.05	1327	.01	4	.88	.01	.02	1	70
023991	6	19	39	209	.5	29	12	828	4.37	834	5	ND	13	108	.7	67	2	41	.15	.081	47	28	.05	1092	.01	10	1.00	.01	.11	1	920
023992	15	28	36	263	1.1	66	8	414	3.29	433	5	ND	7	349	.2	35	7	187	.17	.180	30	47	.04	3432	.01	14	.93	.01	.16	1	420
023993	17	31	25	127	1.9	39	4	103	2.44	152	5	ND	5	227	1.1	19	6	164	.12	.115	16	47	.03	1324	.01	13	.66	.01	.22	1	15
023994	17	28	26	117	1.7	40	3	495	2.01	80	5	ND	3	221	3.0	15	2	174	.83	.126	16	38	.38	823	.01	15	.67	.01	.25	1	19
023995	8	64	48	327	.8	67	14	595	3.63	151	5	ND	10	139	4.0	35	2	85	.54	.154	32	43	.40	1269	.01	9	1.20	.01	.20	1	28
023996	2	25	92	224	.7	20	9	726	3.47	60	5	ND	12	47	1.7	34	5	59	.40	.100	35	50	.94	1033	.02	5	1.78	.03	.24	2	20
023997	1	28	25	196	.2	15	9	559	3.47	31	5	ND	13	41	.8	31	2	57	.38	.092	35	47	1.02	760	.02	4	1.68	.03	.20	1	15
023998	1	15	17	88	.1	12	8	462	3.19	32	5	ND	12	67	.4	34	8	65	.51	.101	42	49	1.13	1716	.06	3	1.87	.03	.26	5	12
023999	1	20	17	97	.1	12	8	524	3.27	17	5	ND	13	97	.2	37	2	72	1.12	.095	42	53	1.13	1667	.08	3	2.00	.04	.35	1	15
024000	1	20	17	93	.1	10	8	552	3.24	16	5	ND	13	128	.2	16	2	75	2.06	.098	43	49	1.11	1053	.08	3	1.92	.04	.32	5	25
024001	1	14	17	88	.1	9	7	525	3.02	17	5	ND	13	122	.2	17	2	68	1.97	.093	42	44	.95	1399	.08	2	1.87	.03	.29	1	18
024002	1	8	25	95	.1	11	8	667	3.18	32	5	ND	14	112	.4	14	8	52	1.99	.100	42	40	.56	2059	.03	2	1.48	.03	.22	1	12
024003	1	20	28	92	.1	10	7	595	2.89	13	5	ND	13	178	.2	4	6	47	2.66	.090	36	38	.61	480	.02	4	.98	.04	.18	1	14
024004	1	24	2	91	.1	11	9	674	3.13	31	5	ND	13	369	.7	6	18	25	2.57	.090	38	27	.68	344	.01	6	.82	.02	.24	1	10
024005	2	36	16	86	.1	20	11	702	3.41	23	5	ND	21	426	.7	7	2	21	3.29	.094	52	24	1.08	279	.01	7	.52	.01	.18	1	11
024006	1	32	28	104	.2	26	12	745	3.38	24	5	ND	19	332	.4	9	8	29	3.18	.100	51	36	.76	370	.01	4	.59	.01	.17	1	8
024007	2	35	28	101	.1	22	11	637	3.18	14	5	ND	23	223	.2	7	12	45	2.84	.101	49	47	.75	592	.01	2	.68	.01	.11	1	9
024008	4	24	36	141	.2	28	11	898	3.18	22	5	ND	23	307	1.3	4	6	42	3.79	.094	52	44	.76	998	.01	4	.99	.01	.12	1	9
024009	16	135	80	474	1.6	64	5	247	2.07	183	5	ND	7	676	6.3	27	4	692	2.07	.649	32	134	.26	4167	.01	15	1.17	.01	.29	1	7
024010	11	25	19	824	.4	91	10	575	3.87	124	5	ND	12	102	10.0	34	2	38	1.21	.146	47	16	.22	392	.01	7	1.00	.01	.28	1	51
024011	7	47	24	517	.3	60	11	625	3.72	66	5	ND	13	145	5.3	49	6	32	1.22	.125	42	22	.34	525	.01	6	1.11	.01	.25	1	8
024012	4	24	12	199	.1	27	8	478	3.15	31	5	ND	11	148	2.0	18	2	52	1.65	.102	37	41	.89	643	.03	4	1.60	.03	.23	1	4
024013	1	22	12	109	.1	17	8	463	2.96	22	5	ND	10	152	.9	12	10	65	2.27	.097	32	47	1.09	740	.03	2	1.69	.03	.18	1	9
024014 KOK BCRC 91-386	1	22	39	211	.1	19	11	733	4.12	156	5	ND	15	56	1.8	11	7	60	.41	.102	49	36	.88	472	.01	2	.68	.01	.02	1	21
024015	1	12	55	161	.1	16	11	887	4.19	226	5	ND	16	42	.9	13	2	62	.57	.101	56	32	.06	514	.01	4	.75	.01	.05	1	120
024016	1	13	36	162	.2	14	10	909	3.77	420	5	ND	15	93	.7	22	12	53	.50	.072	38	32	.06	788	.02	7	.94	.01	.06	5	480
STANDARD C/AU-R	18	60	39	132	7.4	69	33	1037	3.96	39	18	6	38	52	18.5	16	22	54	.48	.090	39	57	.88	176	.09	32	1.94	.06	.15	11	460

KOK BCRC 91-385

JUN-07-1991 13:07 FROM ACME ANALYTICAL TO 1-403-6676623 P.006

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
024017	1	20	41	190	.1	18	11	893	3.34	196	5	ND	20	56	.7	24	6	53	.38	.119	59	30	.12	645	.01	5	.97	.01	.16	1	37
024018	2	29	38	163	.1	31	15	1039	4.63	156	5	ND	25	72	.8	24	10	28	.66	.122	81	28	.09	687	.01	8	.73	.01	.19	1	25
024019	1	31	35	255	.1	31	14	885	4.16	46	5	ND	24	53	2.3	15	2	26	1.26	.117	78	30	.07	392	.01	7	.64	.01	.21	1	7
024020	2	29	28	234	.2	34	15	1125	4.43	96	5	ND	23	52	2.9	21	2	28	.78	.120	83	31	.06	463	.01	7	.63	.01	.20	1	15
024021	1	40	41	524	.1	29	14	817	4.86	57	5	ND	23	87	10.9	12	2	20	1.01	.112	72	23	.06	883	.01	6	.58	.01	.18	1	9
024022	1	29	29	329	.4	29	12	847	4.18	50	5	ND	23	65	6.9	14	2	29	1.18	.119	68	26	.09	854	.01	5	.72	.01	.26	1	10
024023	8	21	9	193	.1	46	8	263	2.72	30	5	ND	9	61	1.2	9	11	53	.25	.068	38	28	.05	979	.01	12	.65	.01	.24	1	9
024024	14	29	29	225	.6	42	4	4	2.72	57	5	ND	6	101	.4	9	5	85	.14	.081	19	33	.04	711	.01	13	.45	.01	.24	1	8
024025	19	66	17	237	1.1	46	3	4	1.58	64	5	ND	3	184	1.9	10	2	217	.26	.175	11	76	.03	1387	.01	16	.57	.01	.15	1	10
024026	20	70	21	384	1.4	52	5	201	1.78	94	5	ND	3	284	8.0	14	2	181	.36	.257	15	89	.03	2257	.01	18	.66	.01	.15	1	28
024027	19	80	21	247	.8	45	3	63	1.68	94	5	ND	2	507	5.2	11	4	218	.72	.425	14	104	.04	2925	.01	21	.78	.01	.18	1	8
024028	6	58	11	346	.2	63	10	551	3.15	89	5	ND	12	159	4.7	16	3	60	1.09	.201	40	41	.05	1105	.01	8	.92	.01	.11	1	9
024029	4	31	14	299	.1	77	13	583	3.58	36	5	ND	16	50	3.5	21	2	63	.47	.136	45	64	.55	716	.02	3	1.61	.01	.19	1	10
024030	1	43	2	323	.1	76	13	432	3.89	48	5	ND	16	62	2.4	18	2	81	.57	.128	45	51	1.19	1680	.09	4	2.51	.02	.31	3	3
024031	1	15	2	123	.1	19	9	636	3.42	13	5	ND	16	74	1.0	9	2	83	.94	.102	46	57	1.18	1820	.17	3	2.16	.04	.43	1	1
024032	1	13	8	197	.1	32	13	626	3.75	51	5	ND	17	53	1.4	30	2	80	.52	.120	57	52	.96	1508	.09	2	2.12	.02	.29	1	3
024033	2	4	13	146	.1	22	11	616	3.85	56	5	ND	15	101	1.0	18	3	57	1.20	.071	37	32	.22	659	.01	2	.68	.01	.08	1	1
024034	4	12	32	247	.1	42	12	603	4.05	59	5	ND	19	115	1.5	24	3	57	.81	.083	46	31	.08	701	.01	4	.72	.01	.08	1	4
024035	3	18	18	174	.3	27	11	590	3.49	52	5	ND	17	137	.9	14	8	34	2.24	.084	35	25	.17	419	.01	3	.58	.01	.15	1	2
024036	4	18	17	155	.1	28	13	717	3.50	50	5	ND	16	61	1.3	12	2	28	2.24	.117	40	22	.10	384	.01	3	.64	.01	.15	1	7
024037	1	7	22	102	.3	26	10	507	3.23	25	5	ND	16	76	.4	13	2	38	2.62	.099	35	31	.32	718	.01	2	1.17	.01	.17	1	1
024038	2	13	17	96	.1	22	10	474	3.32	33	5	ND	17	93	.5	29	2	46	2.41	.106	40	36	.45	1147	.01	2	1.36	.01	.15	1	1
024039	1	22	13	97	.2	19	9	412	3.25	10	5	ND	17	129	.2	12	2	72	1.82	.100	45	51	1.02	1241	.03	2	2.04	.02	.21	1	1
024040	1	9	6	98	.1	15	9	433	3.36	31	5	ND	17	135	.6	20	2	82	1.48	.105	49	61	1.24	2589	.06	3	2.40	.03	.28	1	8
024041	1	26	5	85	.1	14	8	540	3.22	19	5	ND	15	120	.2	18	2	80	1.45	.097	48	52	1.27	3112	.17	2	2.47	.03	.51	1	1
024042	1	20	35	128	.2	17	11	780	4.05	248	5	ND	19	55	.2	26	2	71	.39	.109	54	42	.25	944	.06	2	1.10	.01	.13	1	390
024043	3	23	53	134	.4	17	11	801	3.46	229	5	ND	20	33	.6	20	2	64	.45	.122	64	43	.14	513	.01	3	.83	.01	.12	1	200
024044	3	3	27	133	.3	15	12	872	3.65	296	5	ND	19	47	.8	16	2	67	.32	.112	61	35	.07	506	.01	5	.78	.01	.10	1	190
024045	2	18	49	114	.1	17	11	947	3.97	520	5	ND	13	108	.2	12	16	57	.10	.042	34	35	.04	823	.01	4	.62	.01	.04	1	460
024046	1	21	44	136	.3	15	10	975	3.58	287	5	ND	15	128	.8	9	2	57	.81	.052	35	30	.04	863	.01	5	.61	.01	.08	1	61
024047	1	19	20	114	.4	20	11	864	4.03	1463	5	ND	17	98	.6	16	2	41	1.12	.093	54	32	.09	905	.01	5	.73	.01	.14	1	1090
024048	1	24	4	88	.1	16	9	606	3.23	171	5	ND	14	70	.4	4	2	49	1.96	.102	42	32	.35	655	.04	3	.97	.02	.22	1	50
024049	2	26	14	126	.3	21	10	918	3.55	372	5	ND	16	91	.9	10	8	40	2.05	.118	47	30	.17	504	.01	6	.70	.01	.15	1	250
024050	1	25	30	158	.3	35	13	977	4.04	84	5	ND	23	141	2.4	6	2	23	2.59	.111	66	28	.28	511	.01	7	.60	.01	.18	1	12
024051	4	47	39	450	.2	84	16	1559	4.46	206	5	ND	25	68	4.6	16	5	28	1.17	.137	82	30	.08	561	.01	6	.60	.01	.17	1	35
024052	10	38	75	402	.2	55	14	777	4.85	327	5	ND	22	122	4.0	22	2	22	.14	.068	69	26	.05	1037	.01	11	.65	.01	.13	1	30
STANDARD C/AU-R	17	61	45	132	7.5	71	33	1051	3.98	37	17	6	39	52	18.7	15	19	55	.48	.090	39	58	.88	176	.09	32	1.93	.06	.15	13	490

KOK BERC 91-386

KOK BERC 91-387

JUN-07-1991 13:08 FROM ACME ANALYTICAL TO 1-403-6676623 P.007

AMPLE#	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
24053	6	29	39	366	.2	53	13	921	4.10	588	6	ND	16	114	3.4	16	2	26	2.01	.053	45	15	.12	798	.01	5	.49	.01	.11	1	72
24054	5	32	41	405	.1	65	14	922	3.96	267	6	ND	21	86	4.0	13	2	20	2.16	.106	56	8	.10	518	.01	2	.40	.01	.12	1	37
24055	9	69	66	437	1.0	84	12	518	3.51	158	8	ND	14	182	4.4	22	2	34	1.35	.271	45	4	.05	1059	.01	9	.59	.01	.12	1	31
24056	6	47	56	209	.7	51	8	421	3.01	351	5	ND	8	372	2.4	20	3	34	1.28	.218	31	11	.15	818	.01	6	.55	.01	.12	1	41
24057	7	33	48	283	.4	69	14	1028	3.66	216	5	ND	11	137	3.7	14	2	38	1.31	.106	35	7	.19	928	.01	6	.58	.01	.08	1	73
24058	5	20	32	227	.3	36	10	880	3.27	83	5	ND	14	118	2.0	9	2	24	1.82	.076	37	1	.16	801	.01	9	.43	.01	.09	1	31
24059	5	17	34	200	.2	32	11	957	3.32	105	5	ND	13	106	1.7	10	2	32	1.57	.066	36	1	.06	1051	.01	5	.45	.01	.09	1	26
24060	4	14	23	209	.2	34	12	1148	3.56	679	5	ND	11	99	2.1	11	2	31	2.40	.029	28	6	.16	611	.01	4	.33	.01	.07	1	970
24061	4	15	27	174	.2	28	11	1042	3.71	853	9	ND	13	115	1.1	13	2	42	1.66	.044	31	1	.06	958	.01	7	.42	.01	.06	1	1690
24062	3	13	23	130	.2	18	9	740	3.16	191	5	ND	15	144	.3	6	2	48	2.83	.075	38	11	.32	808	.01	2	.50	.01	.08	1	62
24063	4	16	20	150	.1	22	10	1060	3.29	64	5	ND	17	49	.4	9	2	62	1.60	.107	51	24	.15	347	.01	4	.46	.01	.07	1	44
24064	5	13	22	139	.1	19	10	1057	3.22	49	5	ND	16	70	.3	9	2	63	1.61	.100	50	23	.30	696	.06	3	.85	.01	.21	1	12
24065	3	11	14	84	.1	9	8	619	2.83	19	5	ND	15	116	.2	2	2	63	2.38	.084	41	32	.64	627	.08	5	1.03	.02	.29	1	20
24066	4	11	16	83	.1	9	8	597	2.97	30	5	ND	14	119	.2	7	2	48	3.16	.093	45	16	.49	624	.01	2	.51	.01	.10	1	12
24067	2	11	31	96	.2	9	8	597	2.74	18	5	ND	14	179	.2	2	2	48	3.32	.085	37	25	.89	381	.01	4	.54	.01	.10	1	7
24068	2	12	31	103	.2	7	7	691	3.27	18	5	ND	14	186	.3	3	2	53	4.46	.086	40	22	1.26	709	.01	3	.40	.01	.07	1	8
24069	3	12	20	82	.1	9	8	626	2.90	13	5	ND	15	161	.2	2	2	58	3.18	.089	43	25	.79	606	.02	4	.92	.01	.14	1	13
TANDARD C/AU-R	17	57	39	131	6.8	70	32	1044	3.95	38	16	6	39	52	18.6	16	20	55	.47	.090	39	58	.88	177	.09	34	1.88	.06	.15	11	490

KOK BERC 91-387

JUN-07-1991 13:09 FROM ACME ANALYTICAL TO 1-403-6676623 P.008

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-014 File # 91-1592 Page 1

1050 Davie St., Vancouver BC V6E 1M4

JUN-07-1991 14:58 FROM ACME ANALYTICAL TO NORANDA YT P.002

KOK BERC 91-388

KOK BERC 91-389

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
024070	2	14	29	93	.2	11	8	559	2.92	27	5	ND	17	58	.7	6	2	91	.75	.099	36	46	1.16	704	.27	6	1.50	.05	.29	2	13
024071	4	26	37	177	.2	28	14	741	3.57	255	5	ND	19	72	1.3	22	2	72	.52	.120	60	35	.05	934	.01	2	.75	.01	.08	1	28
024072	8	18	36	154	.1	14	13	996	4.34	203	5	ND	22	61	.2	35	2	86	.32	.114	60	41	.06	371	.01	2	.70	.01	.07	1	16
024073	7	16	45	146	.2	14	12	1060	3.82	294	5	ND	23	179	.2	27	2	72	.62	.086	63	36	.06	758	.01	3	.72	.01	.08	1	100
024074	6	20	36	143	.1	18	12	1097	3.82	678	5	ND	20	181	.6	35	2	62	.85	.064	59	33	.10	1023	.01	3	.59	.01	.06	1	510
024075	7	18	43	176	.2	20	14	1132	4.18	447	5	ND	26	194	.2	32	2	79	.27	.097	67	45	.05	934	.01	2	.76	.01	.06	1	250
024076	3	19	40	121	.2	12	11	745	3.67	71	5	ND	22	62	.5	12	2	93	.63	.112	55	49	.80	985	.16	2	1.54	.03	.25	1	28
024077	3	17	25	105	.2	10	11	724	3.37	89	5	ND	21	78	.7	7	2	90	.69	.106	52	54	1.00	801	.21	4	1.68	.05	.23	1	44
024078	2	17	39	105	.2	11	11	511	3.27	19	5	ND	19	66	.3	23	2	95	.74	.103	43	54	1.21	1045	.25	2	1.79	.06	.25	1	12
024079	3	16	29	107	.1	15	12	676	3.60	41	5	ND	19	64	.3	5	2	104	.80	.115	43	59	1.34	1287	.25	2	2.18	.05	.39	1	14
024080	4	16	28	110	.1	11	11	662	3.48	24	6	ND	19	77	.7	7	2	100	1.05	.108	45	64	1.43	821	.25	2	2.00	.06	.47	1	10
024081	2	16	6	112	.4	16	11	651	3.54	27	5	ND	21	143	.3	4	2	86	1.79	.109	50	58	1.40	372	.04	2	2.06	.04	.19	1	11
024082	4	17	17	88	.1	11	9	638	3.34	28	5	ND	16	180	.2	2	2	71	2.35	.103	40	55	1.19	503	.05	3	1.52	.05	.26	1	7
024083	5	15	24	127	.5	14	12	714	3.61	691	5	ND	19	63	.5	59	2	35	.68	.099	46	36	.27	563	.01	8	.77	.02	.18	1	260
024084	3	11	33	148	.1	18	12	921	3.35	164	5	ND	17	57	.6	40	2	40	.99	.098	43	30	.40	483	.01	5	1.04	.02	.16	1	40
024085	4	25	36	112	.3	19	14	815	3.63	70	5	ND	17	141	.7	20	2	54	2.14	.105	38	55	.85	436	.02	2	1.21	.04	.21	1	16
024086	5	10	57	165	.4	16	13	1100	4.09	529	5	ND	21	47	1.0	54	2	19	.63	.111	60	19	.10	544	.01	7	.87	.02	.23	1	180
024087	4	9	40	152	.1	16	12	1130	4.18	707	5	ND	20	49	.5	52	2	17	.70	.116	59	22	.08	557	.01	10	.76	.02	.23	1	73
024088	4	9	30	115	.3	11	11	887	3.93	1240	5	ND	20	68	.4	35	2	18	.80	.109	54	24	.09	1165	.01	10	.70	.02	.25	1	410
024089	4	8	30	114	.1	13	12	1373	3.99	693	5	ND	18	62	.5	32	2	20	.63	.110	52	19	.15	2089	.01	8	.93	.02	.21	1	230
024090	4	4	22	90	.2	14	12	819	3.79	280	5	ND	19	206	.2	13	2	24	2.10	.103	45	31	.47	712	.01	10	.89	.03	.23	1	85
024091	6	17	64	96	.1	15	14	1032	4.18	261	5	ND	19	77	.4	18	2	19	.66	.119	54	29	.13	1487	.01	5	.79	.03	.21	1	58
024092	7	21	27	81	.2	19	8	191	3.65	146	5	ND	14	99	.2	13	2	28	.22	.057	42	19	.06	298	.01	11	.57	.02	.35	1	19
024093	4	10	25	14	.2	8	2	36	2.04	22	5	ND	12	78	.2	7	2	24	.16	.018	44	14	.06	191	.01	15	.50	.02	.43	1	16
024094	4	28	127	270	.6	16	10	576	3.56	226	5	ND	20	61	1.1	33	2	74	.75	.102	48	54	.95	540	.09	3	1.66	.03	.33	1	60
024095	3	23	51	168	.3	17	10	621	3.45	98	5	ND	20	84	.5	26	2	85	1.25	.106	44	57	1.13	588	.16	4	1.69	.04	.35	1	31
024096	7	22	28	143	.2	14	9	751	3.12	49	5	ND	17	97	.5	12	2	104	1.24	.098	39	76	1.17	906	.23	2	1.68	.05	.36	1	14
024097	3	15	21	100	.2	12	10	626	3.04	20	5	ND	17	77	.4	2	2	89	.88	.096	36	52	1.18	551	.27	6	1.75	.06	.23	1	6
024098	3	22	25	102	.3	13	12	604	3.29	14	5	ND	20	90	.2	4	2	93	1.03	.109	42	52	1.31	768	.27	11	1.92	.07	.22	2	5
024099	3	16	24	104	.2	14	10	541	3.26	22	5	ND	19	104	.2	2	2	93	.97	.108	42	55	1.28	1024	.25	4	1.87	.07	.25	1	3
024100	3	16	26	114	.1	15	9	668	3.51	29	6	ND	18	96	.2	2	2	98	1.35	.109	41	62	1.40	615	.22	4	1.87	.06	.38	1	5
024101	3	16	19	111	.3	15	11	702	3.59	147	5	ND	21	78	.7	9	2	71	1.36	.115	51	50	.99	563	.08	2	1.61	.03	.23	1	27
024102	4	17	22	112	.2	13	12	744	3.69	80	5	ND	18	169	.2	6	4	56	2.31	.114	47	47	.88	510	.05	9	1.29	.04	.29	1	9
024103	6	20	39	135	.3	24	13	739	3.83	287	5	ND	15	90	.7	20	2	24	1.19	.096	45	26	.13	447	.01	15	.73	.02	.26	1	36
024104	4	21	46	109	.7	18	12	1014	3.85	1041	6	ND	15	154	.3	22	5	29	1.78	.101	39	30	.48	358	.01	5	.67	.02	.18	1	470
024105	4	20	23	112	.3	19	12	786	3.32	195	5	ND	17	130	.2	17	8	39	2.94	.090	37	39	.27	480	.01	6	.82	.01	.20	1	47
STANDARD C/AU-R	19	62	42	132	7.3	68	32	1084	3.94	38	23	7	39	53	18.9	14	20	58	.48	.089	39	58	.88	174	.09	32	1.88	.07	.15	13	480

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 5 1991 DATE REPORT MAILED: June 7/91 SIGNED BY: ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
024106	4	26	19	199	.2	33	12	872	3.94	193	5	ND	15	66	.5	23	2	46	.99	.116	47	53	.41	838	.01	5	1.24	.02	.18	2	25
024107	3	25	19	152	.2	20	10	785	3.97	126	5	ND	17	49	.7	14	2	24	1.35	.107	54	23	.24	448	.01	9	1.01	.02	.24	2	31
024108	3	4	28	110	.3	10	8	765	3.64	28	10	ND	18	164	.8	3	2	20	2.88	.096	46	25	.36	316	.01	8	.81	.03	.25	1	17
024109	3	12	36	147	.2	13	9	944	3.68	32	5	ND	16	225	.8	7	2	24	2.70	.102	37	29	.61	516	.01	9	.97	.03	.22	1	15
024110	4	14	19	108	.2	11	8	938	3.66	87	5	ND	15	150	.6	6	2	32	2.23	.098	37	27	.57	1295	.01	6	1.23	.02	.19	1	18
024111	4	14	20	136	.3	17	9	1140	3.82	338	5	ND	17	107	.6	14	2	19	1.78	.106	48	22	.27	695	.01	8	.78	.02	.22	1	64
024112	5	12	23	146	.3	17	10	921	3.79	473	5	ND	17	178	.6	10	2	15	2.51	.098	44	32	.31	464	.01	10	.61	.02	.24	1	16
024113	5	12	22	167	.2	21	12	936	3.90	45	5	ND	17	136	.9	7	2	12	1.99	.104	43	18	.20	354	.01	12	.65	.02	.24	2	14
024114	12	25	16	112	.8	25	4	170	2.11	85	5	ND	6	392	.6	8	2	74	.41	.132	18	42	.08	669	.01	11	.55	.01	.20	1	20
024115	8	20	20	191	.4	40	5	115	2.25	31	5	ND	8	149	.9	11	2	61	.29	.069	31	29	.11	455	.01	12	.68	.02	.25	1	6
024116	7	3	20	42	.2	11	2	33	1.31	20	5	ND	8	115	.2	8	2	30	.22	.022	34	11	.07	394	.01	21	.66	.01	.36	1	9
024117	8	28	14	10	.8	8	1	10	.51	5	5	ND	8	121	.2	4	2	60	.17	.015	18	37	.04	1036	.01	17	.40	.01	.15	1	5
024118	5	27	59	245	.4	32	14	1433	4.60	451	5	ND	22	66	.7	77	2	63	.40	.114	58	41	.30	1293	.06	4	1.40	.01	.17	1	220
024119	5	23	33	256	.3	28	14	774	3.85	614	5	ND	24	67	.2	84	2	57	.26	.122	62	35	.04	867	.01	4	.73	.01	.08	1	390
024120	5	16	53	199	.5	25	13	948	3.91	391	7	ND	21	113	.2	52	2	61	.09	.075	44	37	.04	1344	.01	2	.73	.01	.06	1	270
024121	4	23	39	181	.4	20	11	951	4.12	412	6	2	21	77	.2	42	2	65	.23	.108	56	38	.04	881	.01	3	.75	.01	.07	1	1150
024122	4	15	51	197	.4	21	12	953	4.17	542	5	2	20	93	.6	30	2	60	.24	.102	47	35	.06	1148	.01	4	.89	.01	.07	1	1540
024123	4	15	45	157	.2	18	11	1440	4.73	479	5	ND	18	98	.4	34	2	64	.10	.076	37	36	.04	1165	.01	4	.77	.01	.05	1	400
024124	4	23	40	155	.9	22	13	1343	4.56	1465	7	6	19	106	.3	67	2	62	.12	.072	43	35	.04	1388	.01	4	.74	.01	.08	1	5650
024125	3	19	37	136	.4	18	12	872	3.87	488	5	ND	23	72	.4	32	2	66	.36	.123	64	36	.05	1205	.01	3	.80	.01	.07	1	310
024126	4	23	42	186	.3	18	12	929	4.60	240	5	ND	23	39	1.1	18	2	80	.36	.138	65	41	.05	465	.01	3	.93	.01	.08	1	51
024127	2	23	36	147	.3	21	10	1514	3.67	107	5	ND	19	55	.4	35	2	89	.63	.123	47	57	.95	1812	.21	4	2.05	.03	.40	1	19
024128	13	37	91	263	1.3	52	5	262	2.74	143	5	ND	8	320	1.7	35	2	162	1.08	.220	27	68	.06	2609	.01	12	.83	.01	.18	1	36
024129	14	54	63	406	1.1	67	11	480	3.72	272	5	ND	14	289	5.5	47	2	217	.22	.173	46	64	.05	2550	.01	11	.89	.01	.15	1	26
024130	5	37	47	211	.5	36	15	1082	4.76	80	10	ND	30	83	1.8	21	4	27	.76	.130	88	36	.06	902	.01	6	.75	.01	.18	1	8
024131	4	34	44	157	.4	30	15	975	4.92	108	5	ND	28	102	1.4	15	2	24	1.19	.119	83	32	.06	1014	.01	6	.75	.01	.16	1	4
024132	5	34	39	184	.4	30	14	899	4.54	76	9	ND	27	78	1.9	17	2	23	1.70	.117	79	31	.08	581	.01	7	.63	.01	.19	1	1
024133	5	29	39	192	.3	33	13	919	4.41	76	8	ND	27	86	1.7	20	2	22	1.73	.124	76	31	.07	574	.01	5	.57	.01	.17	1	2
024134	7	30	45	365	.4	53	12	991	4.72	211	6	ND	27	110	3.4	47	2	25	1.32	.125	75	32	.06	784	.01	7	.73	.01	.16	1	2
024135	10	22	38	444	.4	59	13	1065	4.60	209	5	ND	24	130	3.1	64	5	31	.39	.124	69	33	.07	844	.01	7	.82	.01	.15	1	9
024136	4	13	27	232	.1	27	11	771	3.92	71	5	ND	20	110	.8	21	2	53	1.52	.101	54	38	.07	592	.01	4	.82	.01	.09	1	9
024137	6	22	27	327	.3	46	13	978	4.06	98	6	ND	24	51	.9	32	2	69	.51	.129	67	44	.05	342	.01	4	.83	.01	.08	1	13
024138	6	12	28	273	.3	57	14	1158	4.26	120	8	ND	22	35	.3	43	2	74	.51	.124	56	42	.38	683	.10	2	1.47	.01	.37	1	9
024139	7	13	29	389	.2	56	13	1011	4.12	167	5	ND	23	30	2.0	53	2	76	.48	.142	75	47	.18	315	.01	2	1.10	.01	.10	1	8
024140	5	21	30	210	.2	29	11	978	3.72	111	5	ND	21	43	1.1	39	2	75	1.13	.130	66	45	.34	514	.04	2	1.31	.01	.18	2	19
024141	2	11	33	120	.2	13	8	618	3.58	39	5	ND	18	73	.2	28	4	78	1.41	.106	49	46	1.07	1119	.20	3	2.21	.03	.46	1	9
STANDARD C/AU-R	18	61	39	132	6.9	72	32	1040	3.97	40	18	7	39	52	18.4	15	18	56	.48	.090	38	56	.88	176	.09	31	1.95	.06	.15	11	480

KOK BERC 91-389

KOK BERC 91-390

JUN-07-1991 14:59 FROM HUME ANALYTICAL TO NORTHAM P.002

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
024142 KOK BORC 91-390	3	26	38	191	.3	19	9	684	3.27	52	5	ND	19	64	1.6	27	3	67	1.87	.109	60	42	.51	1338	.07	2	1.31	.01	.20	1	8
024143	2	11	29	170	.3	16	8	570	3.13	16	5	ND	16	87	1.4	11	2	77	.88	.097	39	51	1.09	1555	.25	2	1.78	.04	.42	1	7
024144	2	15	32	133	.3	11	8	609	3.13	17	5	ND	15	77	.8	8	2	78	.93	.093	36	48	1.05	1228	.25	3	1.75	.04	.48	1	2
024145	2	15	39	130	.3	12	8	662	3.15	13	5	ND	17	95	.9	8	2	79	1.46	.091	41	56	1.12	1652	.27	5	1.72	.05	.56	3	3
024146	3	27	85	382	.4	31	13	838	4.00	381	5	ND	20	121	2.1	60	3	65	.08	.067	47	36	.05	3218	.01	4	.68	.01	.05	1	290
024147	3	17	83	300	.4	23	13	1090	4.04	257	5	ND	19	114	2.0	36	3	57	.16	.066	44	33	.03	3123	.01	4	.68	.01	.05	1	210
024148	5	27	73	297	.3	29	13	1370	4.37	334	5	ND	17	107	1.7	41	2	59	.06	.060	37	39	.04	1901	.01	5	.75	.01	.05	1	410
024149	5	21	54	224	.4	24	12	1249	4.11	522	5	ND	15	103	1.2	31	2	50	.06	.041	32	37	.04	1437	.01	4	.60	.01	.07	1	1030
024150	8	37	41	132	.9	60	12	773	3.08	488	5	ND	9	97	.5	57	3	60	.06	.047	23	28	.04	2249	.01	5	.55	.01	.11	1	830
024151	7	33	46	169	.7	69	12	643	2.78	389	5	ND	9	106	.4	51	2	67	.05	.047	25	29	.03	1234	.01	5	.62	.01	.10	1	560
024152	6	33	51	271	.8	75	15	900	4.20	946	5	ND	13	111	.7	168	3	61	.08	.046	33	29	.03	1163	.01	4	.65	.01	.09	1	900
024153	5	16	40	191	.6	45	14	1106	4.71	918	5	3	14	113	.5	196	2	59	.07	.043	31	33	.03	1128	.01	4	.66	.01	.07	1	1830
024154	5	27	44	172	.2	30	15	977	4.40	328	5	ND	18	116	.2	71	2	60	.06	.060	42	35	.03	1252	.01	3	.74	.01	.04	1	230
024155	4	24	37	197	.2	54	16	451	4.02	224	5	ND	20	119	.3	46	2	67	.13	.082	50	37	.04	1367	.01	3	1.01	.01	.08	1	74
024156	9	49	32	154	.7	70	11	286	3.96	766	5	ND	11	91	.4	56	2	72	.08	.049	31	27	.04	1173	.01	6	.71	.01	.14	1	1310
024157	5	31	28	143	.5	43	13	862	4.15	941	5	ND	11	77	.4	33	3	32	.08	.037	36	15	.04	1095	.01	6	.53	.01	.11	1	590
024158	5	12	30	139	.6	25	11	853	4.45	1089	5	2	15	103	.3	32	2	31	.08	.054	42	15	.04	1117	.01	8	.60	.01	.10	1	910
024159	5	12	34	100	.6	18	12	934	4.43	1709	5	2	14	103	.3	24	2	24	.09	.048	42	24	.04	1202	.01	7	.72	.01	.13	1	1690
024160	3	12	34	136	.8	21	13	1298	4.58	2056	5	3	13	97	.2	19	2	28	.10	.049	42	23	.04	1170	.01	8	.72	.01	.14	1	1840
024161 KOK 91-391	11	20	33	241	.9	35	9	289	3.95	1403	5	ND	12	112	1.0	25	2	36	.11	.057	36	20	.04	1346	.01	9	.70	.01	.18	1	1360
024162	13	24	22	73	.5	18	2	107	1.72	248	5	ND	6	163	.2	17	2	91	.13	.060	22	33	.04	1551	.01	11	.55	.01	.19	1	200
024163	11	24	22	29	.5	11	1	39	2.00	70	5	ND	7	114	.2	15	2	69	.15	.049	28	22	.06	970	.01	14	.67	.01	.27	1	55
024164	25	87	30	237	2.3	38	3	38	2.26	172	5	ND	5	350	1.2	24	2	197	.11	.139	17	57	.04	2793	.01	12	.79	.01	.17	1	87
024165	14	51	77	717	.9	96	17	1308	4.23	632	5	ND	14	130	9.1	46	7	56	.20	.089	40	42	.04	1392	.01	7	.89	.01	.12	1	180
024166 BORC	11	32	121	894	.9	58	14	1257	4.02	242	5	ND	17	113	12.2	30	4	41	1.11	.113	52	38	.04	1220	.01	7	.76	.01	.11	1	65
024167	8	43	147	547	1.3	41	14	889	4.04	157	5	ND	14	180	7.3	24	2	59	2.82	.093	36	45	.13	1596	.01	3	.72	.01	.07	1	33
024168	11	36	44	770	.8	71	15	1075	4.45	270	5	ND	15	201	11.2	44	2	66	1.93	.109	41	50	.07	1883	.01	3	.76	.01	.08	1	35
024169	11	26	34	693	.5	71	15	959	4.17	229	5	ND	17	127	6.2	40	2	65	1.29	.129	53	48	.07	1200	.01	5	.87	.01	.07	1	65
024170	9	24	33	375	.5	41	12	751	3.79	119	5	ND	22	70	3.1	18	2	53	1.30	.127	54	38	.09	432	.01	3	.78	.01	.12	1	14
024171	6	21	31	225	.2	31	10	754	3.58	69	5	ND	20	58	1.2	25	2	63	.91	.115	54	36	.32	533	.06	2	1.28	.01	.28	5	8
024172	3	13	34	166	.2	17	10	767	3.80	25	5	ND	20	92	1.0	16	2	82	1.31	.109	54	49	.88	1725	.19	2	2.00	.04	.62	1	8
024173	2	21	34	139	.2	15	9	638	3.41	19	5	ND	18	100	.5	13	2	79	1.42	.103	45	53	.96	1686	.25	3	1.82	.05	.61	1	7
024174	3	18	38	136	.3	13	8	655	3.48	22	7	ND	20	98	.5	17	2	73	1.37	.106	56	44	.80	2245	.19	2	1.89	.04	.56	1	6
024175	3	15	23	102	.1	9	8	611	3.29	11	5	ND	19	127	.3	10	2	70	2.38	.095	53	49	.97	1621	.10	2	1.55	.05	.55	1	8
024176 KOK BORC 91-392	4	24	46	216	.2	37	15	1246	4.79	280	5	ND	18	106	.7	32	2	64	.21	.076	45	45	.15	1648	.03	4	.95	.01	.07	1	98
024177	5	24	37	161	.2	37	14	1054	4.12	240	5	ND	16	118	.2	36	2	56	.13	.054	34	42	.05	1144	.01	3	.72	.01	.06	1	83
STANDARD C/AU-R	18	59	37	132	6.8	72	32	1044	3.93	37	17	6	40	52	18.4	15	20	56	.48	.090	39	59	.88	174	.09	32	1.92	.06	.15	11	500

JUN-07-1991 15:08 FROM ACME ANALYTICAL TO NUKHAUH Y1 P.004

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
024178	3	14	37	120	.3	21	11	980	4.17	315	11	ND	16	95	.2	15	2	60	.09	.040	32	44	.04	1102	.01	3	.66	.01	.05	4	140
024179	4	14	35	149	.2	31	13	1297	4.59	445	5	ND	15	82	1.0	28	2	60	.09	.035	31	39	.04	799	.01	3	.49	.01	.05	1	130
024180	4	20	32	169	.2	32	13	1006	4.23	345	5	ND	15	94	.9	22	2	55	.14	.065	36	33	.04	942	.01	3	.47	.01	.05	1	93
024181	11	25	24	161	.4	49	9	370	3.37	110	5	ND	10	60	.5	12	2	60	.12	.049	31	29	.04	988	.01	7	.56	.01	.18	1	43
024182	12	15	32	167	.2	38	5	175	2.81	62	5	ND	7	61	.5	12	2	56	.09	.045	26	34	.04	689	.01	8	.52	.01	.19	1	17
024183	19	35	29	274	.7	46	3	80	2.39	113	5	ND	5	122	2.2	11	2	125	.09	.081	17	52	.03	1345	.01	6	.42	.01	.11	1	14
024184	4	22	22	197	.2	40	12	782	3.35	39	5	ND	17	50	1.8	7	2	47	1.12	.117	44	36	.15	1047	.01	2	.89	.01	.12	1	12
024185	2	14	19	103	.2	13	8	585	3.05	23	5	ND	16	92	.7	10	2	52	1.92	.097	41	44	.64	1128	.02	2	1.43	.01	.15	1	8
024186	1	16	16	92	.1	12	9	564	3.05	15	5	ND	17	68	.6	6	2	70	1.38	.097	44	47	.97	3352	.15	2	2.11	.02	.48	1	7
024187	1	19	22	95	.2	9	8	551	3.23	8	5	ND	16	63	.8	7	2	78	1.40	.088	39	51	1.27	4126	.18	2	2.49	.03	.53	1	3
024188	2	18	26	97	.2	10	8	621	3.38	9	5	ND	16	94	.4	4	2	85	1.74	.093	36	61	1.36	1521	.30	2	1.97	.05	.70	3	11
024189	2	18	18	99	.2	12	8	620	3.37	11	5	ND	16	96	.8	5	2	83	1.59	.094	38	63	1.33	1146	.17	2	1.97	.04	.47	3	12
024190	3	19	18	92	.1	10	8	610	3.10	56	5	ND	17	103	.7	10	2	49	2.04	.095	40	43	.56	857	.02	2	1.14	.01	.17	2	18
024191	2	20	17	92	.2	11	8	671	3.12	11	5	ND	17	165	.7	8	2	39	2.70	.100	39	44	.80	626	.01	2	1.17	.02	.13	1	9
024192	2	10	19	83	.2	9	7	593	2.82	8	5	ND	15	255	.7	7	2	18	3.42	.091	31	28	.65	378	.01	2	.52	.01	.14	1	9
024193	3	16	21	87	.2	11	7	587	2.83	9	5	ND	15	235	.5	7	4	22	2.90	.091	30	31	.66	350	.01	2	.58	.02	.13	1	9
024194	3	14	21	94	.2	11	9	607	3.12	29	5	ND	17	95	.2	17	2	16	2.73	.102	43	24	.21	657	.01	2	.70	.01	.14	1	8
024195	2	14	18	87	.2	9	8	596	3.04	19	5	ND	15	167	.6	17	2	43	2.98	.097	37	40	.77	1442	.02	2	1.39	.01	.18	1	6
024196	1	24	20	94	.2	10	8	627	3.09	25	5	ND	16	148	.6	11	2	54	2.35	.098	39	43	.82	1719	.08	2	1.57	.02	.33	1	7
024197	8	11	18	98	.2	10	8	609	3.08	42	5	ND	18	174	.6	11	2	50	2.69	.101	46	94	.78	2058	.06	2	1.56	.02	.30	1	12
024198	2	11	47	148	.3	8	8	729	3.44	35	5	ND	18	155	1.1	15	2	52	2.15	.105	47	46	.92	2016	.04	2	1.77	.01	.23	1	7
024199	3	14	15	136	.3	13	9	747	3.12	50	5	ND	17	87	1.1	13	2	43	2.07	.109	45	37	.54	1110	.02	2	1.28	.01	.18	1	7
024200	6	18	27	220	.3	21	10	1082	3.76	78	5	ND	16	104	1.2	16	2	45	1.29	.058	36	37	.21	755	.01	3	.59	.01	.08	1	6
024201	18	16	21	109	.7	20	2	267	.89	54	5	ND	3	136	.5	13	2	179	.31	.123	15	60	.04	1821	.01	8	.49	.01	.11	1	18
024202	34	64	31	355	1.3	33	2	542	1.96	89	5	ND	2	106	2.9	21	2	218	.29	.080	9	71	.04	1773	.01	9	.43	.01	.10	1	19
024203	16	41	16	328	.9	26	2	3220	1.76	66	5	ND	2	273	4.6	18	2	206	6.68	.078	7	47	2.11	1808	.01	7	.33	.01	.07	1	13
024204	2	21	47	181	.3	11	8	529	3.18	24	5	ND	15	94	1.3	15	2	79	1.40	.104	36	55	1.20	915	.15	2	1.74	.02	.45	1	17
024205	3	18	31	129	.4	13	9	969	3.60	439	5	ND	16	148	1.0	18	2	43	1.81	.073	37	29	.42	606	.02	4	.77	.01	.14	1	130
024206	3	18	27	170	.4	34	11	984	3.68	443	5	ND	13	116	1.3	21	2	45	1.09	.073	30	29	.26	859	.01	2	.49	.01	.07	1	190
024207	5	16	47	234	.5	42	9	495	3.27	321	5	ND	9	98	.9	22	2	39	.58	.071	30	25	.19	822	.01	6	.66	.01	.17	1	120
024208	16	35	29	136	1.6	18	2	65	1.84	153	5	ND	4	126	1.3	20	2	154	.16	.096	15	53	.05	848	.01	7	.42	.01	.15	1	47
024209	17	74	22	366	1.2	63	8	249	2.75	140	5	ND	9	187	5.6	17	3	99	.43	.312	32	54	.18	1369	.02	6	.88	.01	.18	1	27
024210	4	24	21	200	.3	36	10	522	3.41	179	5	ND	15	104	2.0	17	4	43	1.44	.124	41	37	.41	709	.01	3	.95	.01	.19	1	56
024211	4	32	18	199	.4	31	9	609	3.42	108	10	ND	17	95	2.4	15	2	44	1.69	.115	41	37	.42	997	.03	2	1.08	.01	.22	1	26
024212	3	25	22	134	.3	17	9	685	3.19	118	5	ND	17	85	1.0	11	4	63	1.44	.106	45	40	.50	913	.06	2	1.11	.01	.26	1	45
024213	2	13	15	114	.6	18	9	590	3.31	34	5	ND	18	93	1.8	10	2	64	1.42	.101	40	47	.87	1053	.13	3	1.73	.03	.46	1	21
STANDARD C/AU-R	17	62	38	136	6.9	71	32	1066	4.02	38	17	7	40	52	18.6	15	18	56	.48	.090	39	58	.92	178	.10	32	1.99	.06	.15	12	480

KOK 91-392 BORE

KOK 91-393 BORE

JUN-07-1991 15:01 FROM ACME ANALYTICAL TO 16047362

MPLE#	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
4214	4	22	24	452	.3	16	9	862	3.31	358	9	ND	18	77	4.6	12	2	40	1.43	.096	46	34	.17	567	.02	4	.79	.01	.17	1	130
4215	3	22	16	121	.2	13	8	637	2.97	79	6	ND	17	94	.6	8	2	51	2.00	.106	41	36	.38	533	.02	2	1.09	.01	.15	1	34
4216	3	24	17	102	.3	12	7	897	3.09	338	5	ND	16	485	.3	7	2	34	4.18	.078	30	26	1.01	868	.01	3	.58	.01	.10	1	320
4217	2	6	26	95	.2	12	8	724	2.95	231	6	ND	15	299	.2	9	2	32	3.43	.062	27	25	.93	767	.01	4	.57	.01	.10	1	61
4218	4	17	26	100	.2	15	8	821	3.21	601	5	ND	13	242	.5	15	2	20	2.66	.031	25	23	.59	649	.01	6	.46	.01	.10	1	80
4219	3	14	26	96	.1	11	8	912	3.44	552	5	ND	13	191	.3	18	2	30	3.02	.028	25	25	.49	669	.01	4	.49	.01	.09	1	86
4220	2	23	21	95	.1	11	8	825	3.31	80	7	ND	13	167	.2	11	2	40	2.80	.037	23	31	.89	549	.01	3	.53	.01	.08	1	12
4221	3	19	22	98	.5	11	8	721	3.04	42	9	ND	17	150	.3	12	2	47	2.55	.068	35	28	.71	746	.01	4	.61	.01	.09	2	31
4222	2	19	19	93	.2	10	7	658	2.74	49	11	ND	18	145	.2	8	2	44	2.78	.089	48	27	.80	527	.02	3	.62	.01	.11	1	16
4223	2	14	17	91	.3	11	7	557	2.84	14	10	ND	19	162	.2	8	2	52	2.75	.098	49	31	.65	851	.04	2	1.14	.02	.28	1	9
4224	2	16	11	82	.1	9	8	645	3.26	19	7	ND	18	189	.2	8	2	52	2.95	.093	45	32	.55	611	.02	2	1.09	.01	.16	1	8
4225	3	22	19	119	.2	12	9	708	3.41	18	5	ND	16	149	.2	10	2	48	2.22	.094	36	31	.21	504	.01	2	.75	.01	.09	1	11
4226	8	48	21	175	.5	51	7	517	2.87	94	10	ND	9	334	.9	14	2	89	1.26	.300	28	58	.17	2986	.01	9	.89	.01	.08	1	5
4227	13	79	24	965	2.3	115	4	3043	2.99	322	9	ND	2	406	17.7	63	2	262	4.21	.261	10	78	.94	4232	.01	4	.52	.01	.04	1	20
4228	25	53	25	497	2.2	59	2	3343	1.67	84	9	ND	2	288	8.1	22	2	252	6.68	.045	6	45	1.18	759	.01	7	.29	.01	.08	1	5
ANDARD C/AU-R	18	62	38	136	6.8	74	32	1045	3.97	40	19	6	40	52	18.8	15	20	56	.49	.090	38	58	.90	179	.09	34	1.86	.06	.15	12	470

KOK 91-393
BORE

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
24229	16	45	46	151	1.3	37	8	222	3.28	787	7	ND	7	47	1.7	26	5	46	.11	.026	21	24	.08	2624	.01	10	.83	.01	.27	1	220
24230	12	61	30	471	.7	109	24	668	4.31	919	5	ND	8	68	4.5	38	2	59	.13	.039	26	37	.04	3490	.01	4	.91	.01	.22	2	48
24231	4	52	10	347	.4	119	27	1345	4.39	281	5	ND	12	91	3.5	16	3	83	1.07	.069	41	53	.06	3409	.01	8	1.30	.01	.19	1	25
24232	3	18	20	246	.1	34	13	978	3.94	138	5	ND	16	170	.9	12	2	64	2.73	.117	45	50	.77	458	.02	5	1.53	.01	.24	1	28
24233	1	17	18	113	.3	16	11	606	3.33	28	5	ND	17	116	.2	8	4	86	1.90	.097	46	57	1.41	2062	.17	2	2.22	.04	.58	2	5
24234	1	14	16	116	.2	16	12	628	3.29	38	5	ND	16	126	.3	8	2	84	2.33	.100	51	60	1.45	3001	.14	2	2.69	.03	.58	3	3
24235	1	16	27	116	.1	14	11	691	3.33	169	5	ND	15	188	.2	10	2	79	3.19	.107	50	57	1.29	3236	.04	2	2.28	.02	.26	2	50
24236	3	15	17	98	.2	15	11	697	3.34	23	5	ND	16	267	.5	4	2	79	3.96	.105	42	67	1.38	920	.01	2	2.16	.02	.16	1	6
24237	4	15	16	98	.1	15	10	704	3.34	24	5	ND	16	258	.2	5	2	75	3.07	.107	39	82	1.30	703	.01	2	2.00	.03	.16	2	1
24238	4	14	16	93	.1	9	10	676	3.26	29	5	ND	15	245	.2	8	2	69	2.89	.102	37	62	1.26	1180	.01	2	1.95	.02	.14	2	1
24239	4	15	23	95	.1	12	11	662	3.26	29	5	ND	15	229	.4	9	2	76	2.99	.103	40	72	1.40	645	.01	5	2.18	.03	.17	1	4
24240	3	15	14	102	.1	12	10	672	3.37	8	5	ND	16	148	.4	8	3	89	2.68	.104	44	77	1.55	971	.05	4	2.19	.03	.19	2	1
24241	3	15	36	105	.3	13	10	716	3.47	8	7	ND	16	115	.2	8	2	91	2.91	.111	47	73	1.79	1479	.08	2	2.73	.02	.32	2	1
24242	4	15	32	106	.1	13	10	690	3.37	8	5	ND	15	119	.2	8	2	90	2.70	.103	42	73	1.71	1259	.17	2	2.72	.03	.64	2	5
24243	3	14	22	95	.1	12	10	640	3.15	13	5	ND	15	138	.7	6	2	77	3.07	.100	44	57	1.47	555	.04	3	2.09	.02	.17	2	2
24244	3	14	13	133	.3	15	10	641	3.11	16	5	ND	15	168	.4	8	2	73	2.98	.102	41	57	1.43	401	.03	3	1.96	.02	.17	2	2
24245	6	38	80	314	.4	55	13	495	3.04	21	5	ND	8	142	1.3	6	3	87	5.30	.059	26	70	1.49	96	.01	5	2.71	.01	.18	1	1
24246	8	48	28	217	.5	69	16	486	3.38	50	5	ND	7	201	1.1	13	2	69	7.77	.044	17	57	1.14	69	.02	11	2.30	.02	.25	3	1
24247	8	43	29	228	.3	71	15	472	3.12	39	5	ND	8	242	1.2	9	2	38	7.35	.055	23	32	.73	60	.01	12	1.41	.01	.31	2	1
24248	6	27	29	178	.2	39	12	550	2.86	33	5	ND	8	390	.8	9	2	45	7.87	.069	22	32	1.06	80	.01	9	1.16	.01	.24	1	3
24249	2	15	35	123	.2	20	12	669	4.00	388	5	ND	17	52	.4	59	2	83	.69	.101	52	53	1.11	2202	.03	2	2.59	.01	.18	1	320
24250	1	15	30	107	.2	17	14	819	3.80	105	5	ND	17	54	.4	33	2	84	.75	.108	51	58	1.23	7367	.08	2	2.96	.02	.35	1	31
24251	2	15	25	114	.1	16	14	686	3.58	66	5	ND	16	71	.4	28	2	74	1.62	.104	48	46	.83	8073	.08	2	2.65	.02	.40	1	17
24252	3	16	59	157	.3	27	15	759	3.16	266	10	ND	20	49	.3	28	3	74	.61	.132	62	41	.14	1529	.01	6	1.09	.01	.08	1	39
24253	4	17	44	260	.4	39	18	1920	3.68	290	5	ND	20	57	.2	33	2	79	.42	.120	66	60	.15	1227	.01	3	1.63	.01	.13	1	2
24254	3	16	25	372	.1	82	21	1332	3.78	494	5	ND	17	59	.2	41	2	68	.61	.103	49	44	.66	2824	.06	2	2.39	.01	.23	1	24
24255	3	16	32	243	.2	44	18	863	3.65	357	5	ND	17	59	.4	41	2	76	.61	.112	51	46	.92	3351	.05	2	2.51	.01	.26	2	2
24256	2	14	13	219	.1	35	13	355	3.59	96	10	ND	15	59	.6	29	2	89	.46	.102	49	51	1.30	3042	.13	2	2.73	.02	.47	1	1
24257	4	16	16	194	.2	34	12	336	3.56	291	10	ND	17	72	.7	50	2	83	.44	.113	55	63	1.17	2807	.09	5	2.78	.02	.39	3	23
24258	2	18	15	348	.2	80	14	275	3.56	407	11	ND	16	54	.8	58	2	67	.44	.113	53	41	.88	2084	.05	4	2.25	.01	.26	2	15
24259	3	16	20	459	.2	109	21	670	4.10	481	5	ND	17	39	.9	40	2	76	.46	.116	55	52	.97	977	.06	4	2.38	.01	.31	2	88
24260	3	13	30	286	1.0	34	14	1189	3.20	2395	6	3	13	86	.2	31	2	39	.60	.052	37	36	.20	744	.01	6	.90	.01	.12	1	2960
24261	3	10	23	228	1.0	28	15	1924	3.45	2204	5	4	13	190	.2	22	2	30	1.43	.036	31	25	.58	498	.01	4	.54	.01	.10	2	2640
24262	12	45	63	451	1.7	81	14	354	3.08	548	5	ND	9	110	2.7	32	2	183	.47	.181	31	41	.16	1171	.01	9	.97	.01	.21	1	330
24263	11	47	33	412	.7	91	24	1486	4.45	521	5	ND	9	127	3.3	24	2	41	1.04	.083	36	24	.69	1254	.01	11	1.01	.01	.25	1	140
24264	13	53	31	429	1.1	94	24	1650	4.18	379	5	ND	8	211	5.7	17	2	32	2.30	.053	29	23	1.30	1629	.01	11	.95	.01	.30	2	34
STANDARD C/AU-R	19	59	38	132	7.4	70	31	1049	3.96	39	16	6	38	52	18.4	15	19	55	.48	.089	38	58	.88	176	.09	33	1.89	.06	.15	11	480

KOK BORC 91-394

KOK BORC 91-395

JUN-10-1991 9:19 FROM ACME ANALYTICAL TO NORANDA YT P.005

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
024265	17	47	34	296	1.6	35	5	547	1.56	174	5	ND	2	260	8.3	12	2	267	2.03	.143	14	26	.96	1174	.01	10	.64	.01	.18	5	66
024266	5	44	14	622	1.3	83	21	900	4.45	176	5	ND	15	336	2.7	19	2	88	3.57	.184	41	68	1.73	182	.08	3	.90	.01	.35	5	21
024267	8	59	119	768	2.5	103	17	758	2.82	120	5	ND	9	231	2.2	19	2	50	2.02	.117	30	44	1.03	443	.02	4	.86	.01	.28	5	18

9/-39s

JUN-10-1991 9:20 FROM ACME ANALYTICAL TO NORANDA YT P.006

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-021 File # 91-1638 Page 1

1050 Davie St., Vancouver BC V6E 1N4

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
24268	5	20	26	119	1.5	22	6	92	2.50	2038	5	7	11	58	5.1	54	2	28	.07	.037	31	36	.02	810	.01	5	.37	.01	.08	1	6530
24269	5	17	28	115	2.0	16	5	74	2.85	3511	5	10	12	132	1.9	45	2	35	.08	.048	38	37	.02	1165	.01	7	.49	.01	.11	1	9750
24270	4	13	24	296	2.5	48	17	520	4.49	2999	5	9	12	80	2.5	90	2	35	.08	.034	33	34	.02	821	.01	8	.48	.01	.09	1	8490
24271	6	44	21	138	3.5	23	7	85	2.41	3577	7	5	8	363	3.9	62	2	164	.56	.374	26	70	.02	3260	.01	6	.78	.01	.10	1	6330
24272	7	62	37	69	3.8	17	3	24	1.46	1228	5	ND	8	345	3.7	25	2	452	.74	.487	31	81	.06	2531	.01	10	.93	.01	.21	1	1150
24273	6	12	46	118	2.2	12	4	40	2.45	1319	5	ND	10	61	1.7	30	2	28	.09	.077	26	40	.04	725	.01	6	.50	.01	.17	1	1440
24274	8	20	41	94	2.3	14	4	35	2.71	827	5	ND	7	61	1.4	21	2	25	.10	.057	27	31	.04	653	.01	6	.45	.01	.20	1	610
24275	11	28	21	129	2.0	22	4	18	3.44	914	5	ND	7	170	2.2	29	2	57	.14	.103	32	23	.05	953	.01	9	.65	.01	.26	1	290
24276	8	74	31	157	2.1	38	5	48	2.44	479	5	ND	11	404	6.1	32	2	432	.49	.572	43	70	.18	1907	.02	13	1.33	.01	.29	1	85
24277	7	78	26	1151	.5	254	12	131	5.53	365	5	ND	20	87	8.1	44	2	177	.34	.248	64	119	.89	1128	.17	5	1.91	.01	.46	1	47
24278	8	48	33	408	1.3	50	5	36	2.85	549	5	ND	17	153	10.6	21	3	76	.11	.136	52	45	.07	1058	.01	9	1.06	.01	.21	1	180
24279	7	34	30	463	.8	40	5	63	3.70	448	5	ND	18	51	8.3	14	2	51	.17	.130	54	33	.23	676	.03	6	1.21	.01	.27	1	120
24280	5	23	29	95	.9	16	4	34	1.45	123	5	ND	8	56	2.7	11	2	40	.07	.075	32	45	.11	819	.01	8	.88	.01	.17	1	110
24281	5	23	27	55	.9	10	2	21	1.58	80	5	ND	9	93	1.3	8	3	28	.05	.064	21	48	.09	563	.01	11	.60	.01	.27	1	63
24282	3	14	19	27	.8	4	2	9	.88	51	5	ND	9	73	1.0	6	2	19	.04	.044	31	35	.07	922	.01	15	.60	.01	.27	1	45
24283	3	13	23	39	.5	6	2	18	1.04	65	5	ND	6	68	1.4	6	2	22	.04	.046	22	44	.07	973	.01	8	.56	.01	.22	1	64
24284	3	22	18	59	.7	6	3	17	2.34	55	5	ND	10	53	3.0	8	2	27	.05	.045	21	53	.06	318	.01	9	.43	.01	.29	1	32
24285	4	48	25	132	.8	14	3	31	2.63	89	5	ND	10	52	6.9	7	2	41	.05	.050	26	59	.08	748	.01	5	.67	.01	.21	1	58
24286	2	57	23	425	.8	65	12	213	2.83	61	5	ND	11	57	11.7	7	3	35	.12	.050	31	44	.28	905	.01	18	1.01	.01	.32	1	60
24287	6	49	12	211	.7	38	8	98	2.25	47	5	ND	10	67	5.8	7	2	54	.10	.035	28	55	.26	572	.01	21	.99	.01	.43	1	57
24288	4	58	18	332	.6	66	9	90	2.96	80	5	ND	11	78	5.8	9	2	52	.10	.054	32	50	.52	530	.01	21	1.25	.01	.41	1	69
24289	3	58	15	494	.5	78	11	187	2.51	54	5	ND	11	57	7.2	6	2	33	.19	.040	30	50	.47	896	.01	21	1.43	.01	.42	1	75
24290	5	28	43	149	.2	34	16	998	4.40	108	5	ND	17	112	.8	17	2	69	.27	.092	43	41	.21	3452	.01	6	1.10	.01	.15	1	26
24291	6	36	52	166	.6	39	19	1087	4.80	164	5	ND	20	135	1.6	20	3	53	.56	.099	61	41	.23	3319	.01	13	1.19	.01	.21	1	45
24292	3	28	74	224	.8	27	16	1171	4.49	365	5	ND	22	196	1.8	16	2	30	1.86	.076	50	37	.15	1335	.01	7	.78	.01	.17	1	83
24293	3	14	47	127	.2	18	13	895	4.10	183	5	ND	18	151	.6	31	2	71	1.60	.084	47	40	.25	842	.01	6	1.10	.01	.09	1	32
24294	2	16	28	98	.2	12	12	777	3.52	276	5	ND	16	149	.3	16	2	69	2.22	.073	40	38	.68	1123	.04	3	1.65	.01	.18	1	55
24295	3	12	31	108	.3	12	10	918	3.15	349	5	ND	16	283	.2	15	2	57	3.25	.092	38	33	1.04	206	.03	3	1.09	.01	.18	1	150
24296	9	38	28	109	.3	45	13	533	2.80	222	5	ND	8	278	.7	14	2	54	6.21	.039	22	32	.41	78	.01	9	1.07	.01	.19	1	40
24297	11	58	29	149	.4	64	15	545	2.98	152	5	ND	9	211	1.4	23	2	64	7.26	.049	29	44	.40	145	.01	11	1.44	.01	.18	1	11
24298	11	44	41	145	.4	57	14	545	3.29	560	5	ND	8	190	.8	13	2	58	3.36	.060	24	40	.54	76	.01	9	1.31	.01	.17	1	24
24299	5	21	28	95	.4	20	11	586	2.67	204	5	ND	14	336	.2	8	2	42	4.21	.100	33	42	.93	116	.01	5	.92	.01	.18	1	24
24300	6	21	35	109	.2	17	11	614	3.09	228	6	ND	14	281	.4	7	3	61	3.69	.101	41	59	1.03	116	.04	4	1.52	.01	.32	1	67
24301	6	17	36	87	.2	13	9	649	3.35	142	5	ND	13	335	.2	9	2	44	4.12	.095	32	53	.94	95	.01	4	1.60	.01	.25	1	33
24302	7	14	30	85	.1	12	10	639	2.95	328	5	ND	14	338	.2	13	2	32	3.60	.105	30	47	.89	165	.01	5	.88	.01	.19	1	120
24303	3	15	29	83	.3	13	10	579	3.00	103	5	ND	15	197	.4	8	2	67	2.52	.094	42	52	1.13	1314	.06	5	1.67	.02	.25	1	59
STANDARD C/AU-R	19	61	38	129	7.3	71	32	1061	3.99	39	22	7	41	52	18.4	15	19	57	.48	.090	39	59	.87	176	.09	32	1.90	.07	.15	11	470

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 PPB.
- SAMPLE TYPE: ROCK PULP

DATE RECEIVED: JUN 7 1991 DATE REPORT MAILED: June 11/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCRC 91-396 KOK.

BCRC 91-397 KOK

JUN-11-1991 12:54 FROM ACME ANALYTICAL TO 1-403-6676623 P.002

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-021 FILE # 91-1638 Page 2

ACME ANALYTICAL

JUN-11-1991 12:55 FROM ACME ANALYTICAL TO 1-403-6676623 P.003

AMPLE#	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
24304	4	18	24	93	.2	14	9	583	2.73	56	5	ND	15	152	.2	6	2	71	2.40	.085	39	69	1.16	1240	.10	6	1.83	.03	.35	1	37
24305	5	14	21	105	.1	12	10	627	3.02	39	5	ND	17	140	.4	7	2	82	2.53	.092	41	79	1.34	903	.13	3	1.96	.04	.35	1	23
24306	5	13	24	103	.1	11	9	638	2.91	31	5	ND	16	130	.2	8	2	82	2.39	.092	42	73	1.25	1911	.18	2	2.22	.05	.57	1	26
24307	4	12	26	110	.4	15	10	643	3.05	88	5	ND	16	226	.2	12	2	68	2.98	.098	46	55	1.17	765	.05	6	1.91	.02	.23	1	31
24308	6	12	18	105	.3	17	10	622	2.95	120	5	ND	17	307	.2	14	2	57	3.80	.099	43	58	.97	219	.01	9	1.85	.02	.22	1	36
24309	11	122	4	335	2.7	53	4	41	1.60	89	14	ND	3	443	3.8	10	2	719	2.24	1.146	20	104	.07	1885	.01	28	1.29	.01	.28	1	21
24310	13	152	23	550	2.0	136	15	170	2.61	131	6	ND	11	420	6.7	19	2	652	.95	.633	46	94	.06	1619	.01	12	1.31	.01	.20	1	39
24311	13	105	13	906	1.5	196	26	1037	3.85	160	6	ND	13	449	28.4	19	2	192	1.07	.686	46	86	.06	1915	.01	16	1.10	.01	.20	2	29
24312	6	57	18	267	1.3	46	7	108	2.41	77	5	ND	8	285	8.2	12	2	71	.14	.136	24	41	.06	744	.01	15	.63	.01	.29	2	23
24313	4	64	15	185	.6	41	5	67	2.38	42	5	ND	8	95	3.4	6	2	37	.09	.076	25	40	.16	711	.01	15	.74	.01	.31	2	13
24314	4	81	17	235	.9	56	11	110	2.24	34	5	ND	9	73	4.1	8	2	37	.09	.070	27	47	.21	1066	.01	16	.87	.01	.28	2	15
24315	4	47	19	267	.6	58	13	216	2.58	31	5	ND	8	84	5.7	5	2	28	.06	.065	26	36	.08	837	.01	13	.59	.01	.24	1	13
24316	4	84	10	482	.6	110	18	523	3.03	37	5	ND	9	70	12.1	8	2	43	.12	.084	28	43	.46	615	.01	15	1.14	.01	.27	1	16
24317	4	80	18	291	.5	59	8	126	2.51	21	5	ND	8	53	4.0	3	2	39	.09	.048	25	52	.96	670	.01	12	1.57	.01	.36	1	15
24318	6	57	17	195	.9	41	5	113	2.30	25	5	ND	12	61	2.9	7	2	51	.11	.047	29	61	.86	619	.02	18	1.74	.01	.48	1	13
24319	4	27	8	323	.3	68	24	302	3.11	21	5	ND	15	72	6.3	3	2	85	.36	.103	44	62	1.17	1019	.18	5	2.30	.03	.33	1	8
24320	4	23	19	534	.4	88	40	432	3.77	50	5	ND	18	63	4.8	12	2	111	.51	.139	57	63	1.40	1077	.21	3	2.83	.03	.28	1	10
24321	5	40	25	288	.9	58	8	181	2.83	92	6	ND	10	75	3.4	13	2	80	.24	.083	28	66	1.12	862	.07	7	1.97	.01	.37	2	24
24322	5	55	57	325	.6	42	6	95	2.41	48	5	ND	7	52	2.7	6	2	40	.11	.054	24	65	.47	768	.01	15	1.07	.01	.33	1	25
24323	3	24	37	125	1.3	17	12	481	4.16	1795	5	ND	15	60	.4	48	3	18	.24	.090	48	25	.06	1115	.01	7	.50	.01	.19	2	960
24324	5	13	80	184	.7	38	13	324	3.97	1121	5	ND	17	34	.2	32	2	15	.27	.114	51	35	.07	1116	.01	9	.71	.01	.18	1	410
24325	4	10	37	153	.4	63	19	864	4.40	892	5	ND	18	44	.5	36	2	21	.28	.113	56	33	.10	1428	.01	9	.84	.01	.21	2	240
24326	5	10	27	149	.6	34	16	1324	4.40	733	5	ND	17	32	.4	33	2	20	.25	.112	54	31	.05	483	.01	13	.57	.01	.21	1	120
24327	5	15	25	107	1.2	20	14	425	4.23	1923	5	2	15	50	.9	38	2	18	.23	.105	53	25	.04	1136	.01	9	.47	.01	.19	2	1180
24328	4	15	32	166	1.3	29	14	647	3.93	1226	5	ND	15	30	.6	31	2	15	.27	.104	51	28	.05	532	.01	9	.56	.01	.19	1	590
24329	3	11	31	245	.8	38	15	879	4.47	1121	5	ND	17	40	1.2	30	2	20	.31	.116	52	31	.09	964	.01	8	.78	.01	.21	1	410
24330	5	15	34	229	.6	50	14	564	4.19	1192	5	ND	15	46	2.2	37	2	17	.25	.101	52	28	.07	1028	.01	10	.77	.01	.21	2	430
24331	4	17	22	160	1.0	26	12	572	3.55	1220	5	ND	13	55	2.2	33	2	19	.17	.086	44	28	.05	958	.01	5	.54	.01	.23	1	910
24332	8	38	38	293	12.1	49	14	163	3.81	1144	6	ND	10	66	1.7	78	2	25	.08	.066	38	26	.05	533	.01	11	.63	.01	.37	1	820
24333	5	34	22	310	1.1	67	21	414	4.10	427	5	ND	15	54	2.3	81	2	42	.28	.120	45	44	.44	629	.01	9	1.42	.01	.25	1	76
24334	4	14	16	148	.2	38	19	747	3.21	255	5	ND	14	42	2.8	33	2	35	.34	.114	41	38	.35	875	.01	5	1.31	.02	.21	1	57
24335	3	20	19	171	.4	42	16	577	3.52	214	5	ND	14	50	1.6	28	2	65	.39	.116	39	59	1.03	1134	.05	7	2.20	.01	.24	1	54
24336	4	27	34	241	2.2	57	16	924	3.92	314	5	ND	13	38	1.7	23	6	43	.32	.099	43	49	.65	456	.01	11	1.70	.01	.25	1	85
24337	4	15	29	330	.6	60	18	1172	4.14	336	5	ND	17	33	2.5	26	2	44	.36	.118	43	29	.52	486	.01	7	1.55	.02	.20	2	140
24338	5	20	24	215	.5	23	13	962	3.71	168	5	ND	14	46	2.5	19	2	23	.47	.102	36	28	.19	529	.01	7	.91	.01	.26	2	56
24339	19	69	50	406	1.6	79	19	404	3.84	222	5	ND	10	132	4.1	26	2	85	.44	.177	31	40	.10	876	.01	21	.85	.01	.28	2	100
STANDARD C/AU-R	19	61	36	130	7.2	73	34	1050	3.92	39	15	6	39	52	18.4	15	17	56	.48	.089	39	38	.88	175	.09	35	1.87	.06	.15	11	490

KOK BERC 91-377

KOK BERC 91-398

KOK BERC 91-399

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
024340 ROK BERC 91-399	15	64	32	318	1.1	77	16	562	3.62	169	5	ND	7	50	4.9	22	2	50	.10	.062	27	8	.04	899	.01	9	.74	.01	.14	4	56
024341	14	59	23	223	2.2	56	8	149	2.59	238	5	ND	6	291	2.9	22	2	255	.34	.196	26	10	.06	1499	.01	5	.75	.01	.15	1	220
024342	4	15	40	172	.3	28	11	403	3.44	162	5	ND	12	78	.8	40	2	39	.38	.086	38	1	.25	1585	.01	9	.99	.01	.24	1	27
024343	5	11	25	152	.3	26	14	731	3.80	299	5	ND	13	105	.6	30	2	20	.27	.096	47	1	.09	1556	.01	12	.77	.01	.25	1	25
024344	5	48	28	113	.4	20	10	719	3.93	279	5	ND	10	203	.3	28	2	17	1.48	.076	31	15	.34	388	.01	7	.60	.02	.23	1	32
024345	4	41	22	212	.1	40	18	797	4.25	73	5	ND	20	256	.8	34	2	37	1.88	.106	49	34	.74	523	.02	5	1.01	.02	.28	1	8
024346	4	41	22	127	.1	33	16	893	4.75	16	5	ND	23	365	.6	23	2	65	2.90	.129	53	72	1.32	432	.04	3	1.31	.02	.33	1	7
024347	3	35	20	107	.1	25	14	828	4.28	14	5	ND	23	304	.4	16	2	66	2.71	.119	52	64	1.38	481	.06	5	1.36	.03	.33	1	7
024348	3	15	38	108	.3	9	9	827	3.55	15	5	ND	14	281	.2	21	2	19	2.83	.090	30	26	.64	227	.01	10	.79	.03	.29	1	6
024349	2	11	21	91	.3	8	9	876	3.74	229	7	ND	14	199	.2	33	2	22	2.54	.092	31	16	.48	427	.01	12	1.05	.02	.23	1	53
024350	3	8	17	76	.1	7	9	789	3.75	40	5	ND	13	209	.3	32	2	33	2.51	.091	33	14	.71	724	.01	8	1.35	.03	.20	1	5
024351	3	10	61	105	.3	9	9	812	3.94	45	5	ND	13	138	.6	72	2	17	2.10	.094	31	21	.39	282	.01	5	.78	.02	.17	1	11
024352	4	26	25	103	.1	20	12	707	3.78	58	5	ND	16	215	.3	30	2	49	3.10	.098	42	50	1.02	506	.06	3	1.11	.03	.35	1	6
024353	3	27	18	106	.2	26	12	836	3.92	99	5	ND	22	225	.2	18	2	89	2.64	.102	52	74	1.44	1260	.20	3	1.96	.04	.70	1	4
024354	4	29	27	118	.2	25	12	693	3.82	67	5	ND	20	240	.2	17	2	82	2.83	.097	44	78	1.45	951	.15	2	1.74	.03	.55	1	4
024355	3	28	37	129	.3	25	12	700	3.76	123	5	ND	19	216	.4	12	2	60	2.69	.100	39	61	1.31	688	.05	2	1.32	.02	.29	1	6
024356	4	26	29	111	.3	25	12	799	3.70	100	5	ND	21	268	.2	18	2	67	2.71	.096	46	73	1.38	613	.10	3	1.55	.03	.47	1	6
024357	4	24	15	109	.1	24	12	653	3.84	55	5	ND	22	187	.2	14	2	93	2.66	.099	55	85	1.65	1004	.17	2	2.10	.04	.59	1	6
024358 ROK BERC 91-400	4	17	19	110	.1	22	10	649	3.58	233	5	ND	18	189	.2	32	2	59	2.45	.098	50	64	1.08	570	.09	4	1.42	.03	.47	1	11
024359	6	8	37	153	.4	12	9	841	3.61	623	5	ND	13	219	.5	35	2	18	2.05	.080	26	41	.50	92	.01	9	.73	.02	.26	1	52
024360	6	10	36	114	.2	10	9	1057	3.63	663	5	ND	13	219	.2	39	2	12	2.85	.088	25	38	.50	141	.01	11	.62	.02	.27	1	77
024361	6	10	17	136	.2	9	8	1019	3.54	685	5	ND	13	147	.4	139	2	10	2.58	.064	27	15	.35	213	.01	8	.59	.01	.19	1	16
024362	8	16	68	253	.3	15	10	753	3.67	419	5	ND	12	107	1.0	200	2	13	1.82	.092	29	26	.27	341	.01	9	.72	.02	.26	1	4
024363	13	35	37	178	.6	26	5	156	2.73	552	5	ND	6	366	1.3	109	2	72	.25	.073	24	18	.07	397	.01	11	.47	.01	.26	1	36
024364	21	47	96	426	1.8	52	9	596	3.02	700	5	ND	5	466	4.8	486	2	127	1.70	.151	18	50	.58	1371	.01	12	.79	.01	.17	2	320
024365	5	19	32	138	.6	12	9	1196	3.19	741	5	ND	8	351	.6	2078	2	37	3.15	.033	16	26	1.13	542	.01	5	.45	.01	.10	1	1010
024366	8	21	52	171	.6	16	10	1039	3.41	849	5	ND	9	213	.8	1755	2	45	2.17	.031	20	40	.76	522	.01	3	.50	.01	.09	1	570
024367	7	22	40	154	.8	18	11	1250	3.84	1278	5	ND	12	444	.8	1713	2	36	2.51	.032	30	31	.93	569	.01	2	.58	.01	.10	1	690
024368	6	16	55	137	.5	14	10	1132	3.48	884	5	ND	10	196	.6	652	2	52	2.26	.029	23	34	.84	568	.01	3	.53	.01	.07	1	620
024369	4	18	54	122	.7	13	10	1174	3.86	2110	5	ND	9	128	.2	699	2	59	1.58	.027	21	31	.72	498	.01	2	.59	.01	.05	1	1890
024370	4	17	91	170	.6	12	10	1208	3.41	762	5	ND	10	184	.5	650	2	48	2.64	.020	19	29	.97	446	.01	5	.44	.01	.07	1	370
024371	4	14	75	183	.5	13	10	969	3.61	1147	5	ND	10	138	.8	154	2	52	1.09	.030	21	20	.48	589	.01	3	.44	.01	.04	1	760
024372	5	15	55	145	.3	14	11	780	3.32	635	5	ND	13	125	.4	118	2	58	.37	.039	30	18	.29	932	.01	3	.60	.01	.04	1	230
024373 ROK BERC 91-401	4	27	49	164	.2	30	14	898	4.28	745	5	ND	18	94	.8	114	2	27	.20	.078	57	1	.07	1555	.01	6	.56	.01	.14	1	220
024374	4	19	92	200	1.0	17	11	760	3.80	904	5	ND	13	58	1.1	77	2	18	.26	.100	45	1	.05	1006	.01	4	.52	.01	.19	1	350
024375	3	12	29	143	.3	15	12	819	3.79	817	5	ND	14	71	.3	790	2	19	.68	.094	38	1	.16	896	.01	2	.68	.01	.17	1	250
STANDARD C/AU-R	19	62	37	136	7.3	73	31	1094	4.04	39	17	6	40	53	18.8	15	18	58	.50	.091	39	60	.88	179	.09	31	1.92	.07	.15	11	460

MPLE#	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
24376	2	9	14	78	.1	8	8	727	3.18	506	5	ND	10	170	.2	163	2	17	1.92	.074	24	18	.38	379	.01	6	.67	.01	.17	1	310
24377	3	9	19	78	.1	9	7	666	3.23	801	5	ND	9	254	.2	60	2	18	2.34	.079	22	26	.58	216	.01	8	.62	.01	.18	1	330
24378	4	17	44	168	.4	20	10	470	3.82	1041	5	ND	12	88	.6	81	4	16	.55	.088	33	17	.12	323	.01	11	.62	.01	.20	1	320
24379	4	9	23	84	.3	13	10	801	3.98	1604	5	ND	15	70	.3	50	2	13	.44	.093	36	21	.10	398	.01	10	.64	.01	.23	1	640
24380	5	24	28	123	.1	23	13	773	4.12	383	5	ND	22	155	.2	43	2	32	2.44	.109	49	46	.55	737	.02	5	1.13	.01	.25	1	74
24381	3	29	10	118	.1	27	13	672	4.11	273	5	ND	23	157	.2	29	2	84	2.15	.111	55	44	1.27	2276	.19	2	1.98	.03	.64	1	62
24382	3	28	21	108	.1	26	12	612	4.00	51	5	ND	24	116	.2	22	2	98	1.91	.103	55	69	1.50	1750	.32	2	2.19	.04	1.15	1	20
24383	3	30	19	110	.1	26	12	646	4.11	48	5	ND	24	128	.2	21	2	104	2.03	.107	56	76	1.63	1808	.33	2	2.32	.05	1.08	1	9
24384	3	26	18	104	.1	24	10	559	3.73	51	5	ND	23	85	.2	14	2	94	1.68	.098	53	70	1.46	1565	.31	3	1.95	.05	.82	1	17
24385	2	28	16	101	.1	22	11	607	3.75	37	5	ND	20	119	.2	27	2	94	2.23	.099	51	52	1.53	2141	.23	2	2.04	.03	.68	1	6
24386	3	35	13	92	.1	25	14	751	4.42	32	5	ND	22	219	.2	43	2	108	3.02	.126	50	68	1.75	1997	.21	2	2.25	.03	.63	1	3
24387	4	36	18	100	.1	19	12	843	4.42	39	5	ND	22	258	.2	55	2	78	3.08	.117	47	63	1.37	1269	.11	3	2.05	.03	.43	1	3
24388	6	29	37	123	.9	23	14	902	4.54	535	5	ND	19	212	.2	68	2	38	2.00	.107	47	30	.74	904	.06	5	1.18	.01	.29	1	200
24389	7	28	68	236	.3	25	12	761	4.16	403	5	ND	18	195	1.1	59	2	33	2.39	.110	48	40	.63	880	.02	5	1.10	.01	.29	1	70
24390	8	9	38	119	.1	11	9	610	4.20	318	5	ND	15	167	.2	45	3	22	2.18	.100	38	7	.44	954	.01	11	1.24	.01	.23	1	210
24391	8	24	28	103	.1	13	11	690	4.81	116	5	ND	14	170	.2	59	3	35	2.62	.089	29	26	.75	812	.02	9	1.62	.02	.29	1	26
24392	5	12	39	127	.2	9	8	734	3.93	626	5	ND	13	221	.3	64	2	16	2.37	.094	24	25	.79	224	.01	8	.90	.01	.20	1	10
24393	6	13	16	144	.1	18	10	652	3.80	483	5	ND	10	220	1.0	33	2	14	1.91	.097	22	29	.71	165	.01	8	.69	.01	.23	1	77
24394	10	46	22	139	1.0	19	2	100	2.29	130	5	ND	5	401	1.2	23	2	61	.29	.083	20	29	.11	359	.01	14	.49	.01	.28	1	19
24395	14	65	28	187	1.2	26	3	96	1.87	210	5	ND	4	425	3.2	37	2	211	.59	.272	17	65	.08	994	.01	20	.80	.01	.27	1	15
24396	13	65	174	419	1.5	49	6	127	2.11	272	7	ND	3	619	7.9	42	2	244	.98	.596	16	24	.11	3336	.01	19	.97	.01	.18	1	5
STANDARD C/AU-R	18	58	37	129	6.9	64	29	979	3.90	38	17	6	36	51	17.6	16	19	55	.47	.088	37	58	.86	180	.09	33	1.86	.06	.15	11	480

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-026 File # 91-1676 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
024397	5	21	42	174	.1	30	14	850	3.86	665	5	ND	12	82	.2	152	2	36	.35	.074	42	1	.16	1393	.01	6	.91	.01	.18	1	280
024398	6	28	36	164	.3	32	14	872	3.76	685	5	ND	12	97	.6	330	7	48	.43	.084	40	25	.22	1293	.01	5	1.06	.01	.23	1	290
024399	5	33	39	231	.4	49	17	1296	3.98	580	8	ND	10	114	.9	169	3	38	.19	.059	42	1	.10	1559	.01	7	.96	.01	.18	2	200
024400	7	30	53	287	.3	77	21	1156	3.89	397	9	ND	9	118	1.1	129	3	40	.21	.050	29	1	.09	2359	.01	10	.81	.03	.16	2	120
024401	10	46	31	313	.1	81	22	596	3.97	134	5	ND	4	119	1.0	46	2	46	.15	.027	13	1	.07	2425	.01	2	.83	.05	.19	1	50
024402	10	47	29	235	.4	51	14	330	3.11	112	5	ND	5	122	.6	38	8	54	.18	.028	13	1	.09	2383	.01	10	.80	.03	.19	2	44
024403	9	37	19	189	.1	36	11	176	2.22	64	9	ND	5	110	.5	36	5	43	.16	.027	11	1	.10	2523	.01	15	.72	.02	.19	1	9
024404	7	41	100	327	.2	45	11	153	3.08	29	7	ND	4	102	1.3	13	2	27	.11	.024	6	1	.08	1797	.01	5	.68	.02	.16	2	3
024405	10	43	31	210	.2	49	12	141	3.25	32	5	ND	4	95	1.4	12	7	35	.11	.025	7	1	.07	1631	.01	9	.73	.02	.16	1	6
024406	8	44	37	288	.1	55	17	433	3.62	207	5	ND	9	91	2.5	93	2	49	.24	.022	21	1	.12	2166	.01	2	.60	.01	.14	1	17
024407	4	32	46	211	.6	48	17	1065	3.56	573	5	ND	14	284	1.1	160	2	40	2.59	.031	30	24	.93	928	.01	6	.53	.01	.10	1	360
024408	4	29	57	239	.2	49	20	968	3.89	225	5	ND	15	285	1.4	74	2	35	2.23	.044	40	1	.81	1825	.01	9	.67	.01	.13	1	7
024409	8	36	70	263	.2	45	14	567	3.55	212	5	ND	11	222	1.3	43	5	55	1.45	.056	44	1	.51	1854	.01	6	.62	.01	.18	1	3
024410	5	26	79	284	.7	45	19	795	3.55	149	7	ND	13	149	1.0	97	2	44	1.67	.083	32	43	.64	374	.01	15	1.10	.02	.20	1	3
024411	5	17	63	285	.3	22	12	600	3.50	189	5	ND	11	114	1.7	128	2	49	1.40	.084	32	40	.66	385	.01	2	1.16	.02	.17	1	5
024412	4	15	24	110	.2	14	11	643	3.10	175	5	ND	12	176	.4	68	2	47	2.01	.065	33	18	.77	1169	.01	5	.61	.01	.12	1	1
024413	3	18	32	115	.1	13	10	586	3.09	157	5	ND	12	148	.2	48	2	44	1.73	.075	31	16	.64	882	.01	2	.61	.01	.12	1	1
024414	4	23	17	124	.1	12	10	591	3.16	209	5	ND	12	249	.2	36	2	45	2.24	.089	39	32	.84	478	.01	2	.88	.01	.22	1	1
024415	5	16	19	99	.1	12	10	601	3.37	122	5	ND	15	212	.2	21	2	65	2.17	.090	50	37	.91	849	.06	3	1.24	.02	.34	1	7
024416	4	20	24	91	1.2	10	9	726	2.93	734	5	ND	13	604	.2	19	2	41	3.39	.051	38	38	1.19	303	.01	5	.75	.01	.17	1	620
024417	4	20	24	106	1.0	12	9	681	3.10	713	5	2	15	377	.2	22	2	50	2.68	.072	41	39	.98	269	.01	9	.67	.01	.15	1	540
024418	4	15	27	124	.4	12	9	864	3.27	951	5	ND	12	569	.3	24	2	42	3.67	.070	33	34	1.22	177	.01	7	.62	.01	.17	1	630
024419	4	13	75	150	.2	13	9	780	3.74	588	5	ND	12	301	.5	37	2	44	3.07	.051	29	38	.97	190	.01	6	.73	.01	.12	1	410
024420	4	16	32	118	.3	13	10	886	3.49	1600	5	ND	12	279	.2	39	2	53	2.61	.029	29	33	.89	453	.01	4	.79	.01	.08	1	2370
024421	3	18	31	120	.1	12	11	888	3.67	966	5	ND	14	174	.2	57	2	62	2.11	.055	36	12	.71	1057	.01	3	.82	.01	.09	1	890
024422	4	16	52	137	.5	11	9	1078	3.47	1083	5	2	13	478	.2	76	2	43	3.54	.042	32	40	1.23	182	.01	7	.74	.01	.11	1	930
024423	4	16	42	106	.1	12	10	922	3.16	544	5	ND	12	269	.2	569	2	48	2.73	.032	29	18	.94	925	.01	7	.74	.01	.08	1	610
024424	3	17	59	140	.1	13	11	806	3.29	381	5	ND	13	180	.2	45	2	60	1.93	.040	29	10	.66	1128	.01	2	.75	.01	.05	1	230
024425	3	17	36	115	.1	12	11	811	3.62	232	5	ND	15	150	.2	24	2	65	2.34	.046	42	2	.84	1362	.01	2	.87	.01	.03	1	200
024426	3	16	29	91	.1	12	10	719	3.14	153	5	ND	15	181	.2	23	2	58	2.69	.053	40	8	.85	1254	.01	7	.82	.01	.07	1	6
024427	4	13	22	88	.1	12	9	864	3.27	328	5	ND	13	390	.2	17	2	49	3.48	.081	44	34	1.13	339	.01	7	.72	.01	.17	1	280
024428	5	14	30	111	.1	11	9	576	3.21	40	5	ND	14	137	.2	24	2	70	2.30	.089	45	30	.74	839	.10	3	1.51	.03	.41	1	7
024429	4	16	60	161	.1	10	10	716	3.14	98	5	ND	15	264	.2	22	2	46	3.42	.078	42	21	1.08	791	.01	11	.78	.01	.14	1	8
024430	9	28	37	189	.1	33	13	484	3.50	749	5	ND	8	115	.4	181	2	54	.17	.063	35	1	.12	1812	.01	8	1.18	.02	.27	1	380
024431	5	52	26	304	.1	72	24	346	5.54	194	5	ND	7	106	.2	30	5	42	.06	.041	10	1	.06	1435	.01	15	1.13	.03	.25	2	16
024432	6	37	23	176	.1	34	11	109	3.39	75	5	ND	6	95	.2	19	2	45	.03	.024	9	1	.04	1056	.01	9	.83	.02	.20	2	11
STANDARD C/AU-R	20	60	38	131	7.1	69	33	1067	3.96	37	15	7	40	53	18.6	16	23	58	.47	.086	40	58	.87	175	.09	36	1.87	.07	.15	11	500

ROK BCRC 91-402

ROK BCRC 91-403

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 10 1991 DATE REPORT MAILED: June 12/91 SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
024433	7	38	21	149	.1	28	10	89	3.61	52	5	ND	3	91	.2	6	2	34	.04	.025	5	1	.03	1172	.01	7	.57	.01	.15	1	24
024434	6	39	25	191	.1	50	16	134	3.91	49	5	ND	4	78	.2	4	2	28	.06	.021	5	1	.04	1134	.01	6	.78	.03	.23	1	10
024435	4	38	17	257	.1	80	22	208	3.93	46	5	ND	4	61	.2	5	2	34	.05	.018	9	6	.05	1011	.01	7	.75	.02	.20	1	8
024436	5	37	19	230	.1	53	16	132	3.59	44	5	ND	4	75	.2	2	2	29	.08	.022	9	2	.05	1019	.01	4	.61	.02	.17	1	6
024437	9	55	20	257	.3	52	14	99	3.09	58	5	ND	2	156	.3	5	2	49	.11	.048	9	1	.05	1308	.01	3	.59	.01	.15	2	8
024438	11	47	24	333	.2	53	15	114	3.10	72	5	ND	6	110	1.4	6	2	57	.11	.032	15	1	.05	2155	.01	11	.76	.02	.21	2	15
024439	8	50	30	294	.8	47	12	145	3.65	69	5	ND	5	123	3.1	11	2	47	.13	.032	21	1	.07	1276	.01	5	.68	.01	.18	2	16
024440	7	50	24	363	.8	61	16	175	3.62	66	5	ND	5	126	5.8	9	2	48	.13	.034	15	1	.13	1319	.01	6	.78	.02	.23	2	17
024441	7	55	28	290	.7	66	16	123	3.07	60	5	ND	4	155	5.4	10	2	52	.11	.042	13	1	.10	1387	.01	12	.87	.02	.23	2	3
024442	8	42	18	275	.3	47	12	83	2.97	55	5	ND	5	103	2.8	5	2	30	.10	.032	22	9	.06	968	.01	4	.54	.02	.16	2	1
024443	6	46	17	210	.1	37	11	133	3.57	83	5	ND	6	77	.2	42	2	41	.07	.029	16	1	.03	1458	.01	12	.72	.02	.18	1	16
024444	13	38	22	67	.1	15	5	59	2.80	35	13	ND	6	82	.2	6	2	34	.02	.030	14	1	.02	1923	.01	18	.63	.02	.15	1	6
024445	8	60	17	197	.1	42	11	96	2.60	30	5	ND	5	114	.2	7	5	44	.01	.038	20	3	.02	1082	.01	3	.76	.02	.17	2	1
024446	6	49	16	226	.1	55	16	133	3.50	36	5	ND	7	109	.2	11	2	38	.01	.039	18	10	.02	828	.01	6	.68	.02	.19	1	1
024447	7	48	20	221	.1	52	14	105	3.32	30	5	ND	6	116	.2	2	3	45	.01	.033	19	2	.03	951	.01	9	.90	.02	.27	1	1
024448	6	47	20	209	.1	47	15	93	3.41	30	8	ND	4	82	.2	4	2	36	.01	.028	11	1	.02	1049	.01	7	.75	.02	.20	1	1
024449	5	49	20	124	.1	26	9	59	4.29	29	5	ND	6	83	.2	2	2	46	.01	.029	14	1	.03	1195	.01	13	.87	.03	.25	1	1
024450	8	50	19	216	.1	39	12	78	2.97	23	5	ND	6	76	.2	3	2	43	.01	.027	16	1	.02	1388	.01	6	.69	.02	.18	2	5
024451	9	57	18	193	.1	51	14	122	3.36	28	5	ND	7	83	.5	3	2	45	.03	.028	18	1	.04	1168	.01	10	.71	.02	.17	1	1
024452	5	43	19	187	.1	56	17	184	3.29	24	5	ND	3	107	2.0	3	3	30	.11	.029	11	1	.07	918	.01	2	.61	.02	.16	1	1
024453	5	38	19	187	.1	59	17	177	3.19	22	5	ND	4	93	.5	2	2	37	.11	.028	9	1	.07	1181	.01	2	.81	.02	.23	1	1
024454	7	42	17	259	.3	63	19	167	3.35	25	5	ND	5	102	.4	2	2	33	.16	.047	13	23	.22	335	.01	11	.57	.02	.17	2	1
024455	6	44	22	391	.4	73	20	378	4.85	26	5	ND	5	92	2.8	3	2	37	.40	.021	22	35	.77	76	.01	2	.44	.02	.16	1	1
024456	6	43	19	388	.4	84	20	274	4.16	27	5	ND	6	82	2.8	5	2	39	.30	.025	25	32	.69	91	.01	7	.49	.02	.19	2	1
024457	6	47	20	571	.3	76	19	220	3.22	28	5	ND	4	82	6.2	15	2	46	.33	.023	18	32	.54	105	.01	5	.63	.03	.23	4	6
024458	5	43	23	384	.2	73	20	332	4.24	47	5	ND	4	104	3.1	19	2	35	.44	.021	26	25	.84	138	.01	4	.46	.02	.18	1	4
024459	8	33	18	236	.3	54	13	456	3.40	408	5	ND	5	229	1.4	36	2	37	1.42	.032	17	33	.73	64	.01	4	.41	.01	.14	1	8
024460	3	17	47	136	1.0	16	10	878	3.29	3114	5	ND	7	263	.6	66	2	29	2.55	.031	13	34	.91	67	.01	6	.56	.01	.11	1	2620
024461	8	44	98	442	1.5	69	17	826	3.72	3816	5	ND	3	103	3.1	94	2	43	.75	.023	7	28	.34	42	.01	8	.61	.01	.11	3	1440
024462	9	32	40	204	.5	32	11	430	3.20	290	5	ND	9	101	1.5	22	2	78	.32	.112	27	8	.21	1382	.01	14	1.01	.02	.18	1	5
024463	15	26	27	108	.2	29	7	123	3.65	50	5	ND	5	124	.2	4	2	40	.03	.040	14	19	.04	374	.01	7	.62	.02	.24	1	3
024464	13	27	22	115	.1	27	7	59	1.98	48	5	ND	4	85	.2	3	2	32	.02	.023	9	16	.03	1017	.01	8	.54	.02	.14	1	3
024465	9	50	25	165	.1	34	9	67	2.27	48	5	ND	5	122	.2	2	2	40	.02	.033	12	1	.03	1056	.01	4	.70	.02	.16	1	7
024466	13	54	25	90	.3	23	5	37	1.55	47	5	ND	6	153	.3	4	2	43	.02	.033	20	1	.03	1193	.01	8	.57	.01	.17	1	6
024467	12	37	24	95	.5	23	5	44	1.85	67	5	ND	6	130	.2	3	2	36	.02	.034	18	1	.03	1220	.01	10	.59	.01	.17	1	14
024468	10	60	20	132	.1	27	8	75	2.45	52	5	ND	7	151	.2	2	2	37	.02	.044	23	1	.03	1124	.01	10	.72	.01	.17	1	13
STANDARD C/AU-R	19	61	41	132	6.6	69	33	1048	3.97	38	16	7	40	53	18.7	16	21	58	.48	.092	40	58	.88	176	.09	35	1.87	.08	.15	13	480

KOK BCRC 91-403

KOK BCRC 91-404

KOK BCRC 91-405

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
024469	10	46	21	180	.2	44	9	76	2.56	47	5	ND	5	150	.5	3	2	40	.07	.045	19	31	.13	346	.01	7	.73	.01	.18	1	20
024470	11	35	23	196	.5	56	17	87	3.16	42	5	ND	8	124	.5	6	2	45	.09	.047	16	42	.09	1403	.01	8	.94	.02	.23	1	17
024471	6	39	21	215	.1	71	19	141	3.72	59	5	ND	4	86	.5	5	2	40	.12	.035	9	22	.13	922	.01	6	.80	.02	.18	1	23
024472	9	39	28	283	.1	47	14	79	3.65	78	5	ND	4	83	1.2	7	2	46	.11	.036	11	32	.08	1214	.01	7	.77	.02	.19	1	44
024473	5	55	20	311	.1	86	17	129	4.00	47	5	ND	4	85	5.1	6	2	40	.11	.035	13	22	.14	957	.01	4	.88	.02	.20	1	10
024474	8	40	17	308	.2	82	20	143	3.13	61	5	ND	3	92	1.5	5	2	38	.27	.049	11	22	.22	147	.01	4	.53	.01	.19	1	26
024475	8	18	30	360	.3	40	14	526	4.16	570	5	ND	14	61	6.5	26	2	59	.04	.047	30	53	.01	693	.01	6	.63	.01	.06	1	360
024476	4	20	29	341	.2	37	15	790	3.29	276	7	ND	15	61	6.7	18	2	58	.05	.050	36	41	.02	646	.01	5	.71	.01	.08	2	39
024477	4	22	33	187	.2	32	10	255	1.60	296	5	ND	15	70	3.4	20	2	49	.04	.048	33	44	.02	656	.01	6	.85	.01	.10	1	33
024478	5	13	45	149	.7	20	5	78	1.88	783	7	ND	14	103	3.0	29	2	47	.05	.063	32	37	.02	865	.01	7	.66	.01	.10	1	420
024479	7	24	26	256	.6	39	9	114	2.34	1096	5	3	13	82	5.7	40	2	56	.09	.085	37	40	.02	795	.01	6	.69	.01	.11	1	2680
024480	8	23	34	399	.7	61	12	228	2.94	1108	8	2	14	67	7.3	35	2	88	.05	.065	27	40	.02	731	.01	4	.71	.01	.08	1	2070
024481	12	35	35	731	1.6	117	19	450	4.43	1681	7	5	14	75	13.1	39	2	188	.07	.088	31	35	.02	902	.01	4	.65	.01	.07	1	4240
024482	10	41	34	831	1.7	114	17	454	3.71	1248	13	2	12	108	8.4	31	2	172	.07	.108	32	43	.02	1429	.01	9	.81	.01	.09	1	1620
024483	13	97	11	589	4.7	103	9	235	2.23	627	11	ND	6	393	4.7	24	2	180	2.51	1.217	21	123	.05	2986	.01	15	1.18	.01	.16	1	310
024484	13	116	8	1195	4.8	166	13	1697	3.74	1358	23	ND	2	449	12.5	33	2	262	2.50	1.345	17	139	.04	5296	.01	12	.83	.01	.11	1	250
024485	24	145	11	1129	4.4	192	12	944	3.93	1252	13	ND	3	265	9.2	29	2	366	.40	.351	16	155	.05	3811	.01	11	.69	.01	.13	1	330
024486	22	133	17	1584	5.6	211	15	1565	5.42	2133	13	ND	7	303	16.9	41	8	384	.19	.336	26	131	.05	4908	.01	10	.92	.01	.13	1	1540
024487	15	44	23	777	2.7	88	11	1190	4.11	971	5	2	7	208	7.7	23	2	177	.14	.263	23	64	.05	3814	.01	10	.73	.01	.14	1	960
024488	6	14	24	197	.8	33	10	714	3.64	1492	8	ND	13	69	.4	21	2	30	.07	.048	38	36	.02	700	.01	3	.45	.01	.11	1	610
024489	6	20	24	215	1.0	30	13	427	4.29	1754	5	ND	14	77	1.3	31	3	34	.08	.056	41	30	.02	797	.01	9	.49	.01	.11	1	900
024490	5	16	24	234	1.1	34	17	1215	4.06	1517	5	ND	14	59	.8	69	2	28	.07	.044	45	31	.02	690	.01	8	.45	.01	.10	1	720
024491	4	15	27	203	.6	27	10	366	4.01	913	9	ND	16	52	.5	21	3	42	.10	.076	49	41	.03	516	.01	6	.65	.01	.12	1	240
024492	3	18	21	351	.4	35	20	1126	4.61	173	5	ND	18	34	.7	15	2	71	.23	.117	63	38	.16	380	.01	3	.86	.01	.10	1	28
024493	2	17	17	164	.3	28	12	582	3.72	64	5	ND	16	72	.4	22	2	91	.89	.107	44	61	1.24	1298	.09	2	1.85	.02	.29	1	14
024494	2	23	72	265	.1	15	11	467	3.60	33	5	ND	15	67	.2	10	2	89	.71	.110	50	62	1.26	988	.08	4	2.03	.03	.29	1	10
024495	4	19	131	289	.5	24	12	464	3.44	60	7	ND	14	68	.2	12	2	53	.99	.119	44	45	.55	328	.01	3	1.15	.01	.17	1	150
024496	7	11	34	260	.4	30	14	895	4.12	507	5	ND	17	45	.9	27	2	44	.37	.134	54	31	.06	437	.01	2	.73	.01	.12	1	460
024497	5	11	37	227	.2	23	13	683	4.31	227	8	ND	15	56	.2	20	4	49	.72	.115	46	33	.05	538	.01	8	.82	.01	.11	1	37
024498	6	8	29	149	.3	21	13	789	4.26	935	5	ND	14	63	.5	38	2	23	.30	.087	44	27	.05	727	.01	2	.73	.01	.15	1	320
024499	4	12	27	108	.5	16	11	663	3.85	1831	5	ND	12	114	.2	38	2	14	1.66	.098	30	23	.21	495	.01	8	.51	.01	.15	1	720
024500	6	18	39	187	.7	18	12	837	3.82	1104	5	ND	12	88	.3	633	4	29	1.25	.079	35	37	.09	666	.01	6	.71	.01	.15	1	630
024501	5	15	37	142	.4	19	11	890	3.70	381	5	ND	14	74	.2	36	4	44	1.42	.058	40	44	.09	734	.01	5	.77	.01	.14	1	48
024502	6	15	44	155	.3	18	12	1056	3.93	965	5	ND	13	75	.2	30	2	49	1.08	.037	36	41	.15	680	.01	8	.54	.01	.08	2	1030
024503	7	16	40	205	.7	25	15	1220	4.17	1104	5	2	18	76	.8	48	2	62	.19	.073	45	44	.04	1009	.01	8	.71	.01	.08	1	1070
024504	6	14	33	136	1.4	18	12	1085	3.69	2292	5	4	14	78	.2	29	2	42	1.25	.047	34	38	.09	660	.01	8	.62	.01	.09	2	3380
STANDARD C/AU-R	18	55	39	130	7.2	70	33	1044	3.91	38	17	6	38	52	18.0	14	20	55	.47	.090	38	59	.87	176	.09	34	1.87	.06	.15	11	470

KOK BCRC 91-405

KOK BCRC 91-406

KOK BCRC 91-407

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
024505	6	26	28	129	.1	23	13	398	4.06	2888	5	ND	13	69	.7	37	2	28	.31	.090	42	24	.04	741	.01	10	.58	.01	.15	1	2070
024506	21	21	36	133	1.4	29	5	90	1.73	361	9	ND	6	138	.9	25	2	200	.13	.086	22	65	.04	1485	.01	11	.68	.01	.20	1	270
024507	27	56	39	390	1.6	64	8	51	2.28	400	9	ND	4	262	2.4	47	4	283	.31	.277	13	85	.03	3737	.01	11	.67	.01	.08	2	93
024508	6	41	18	115	1.1	20	5	32	.77	157	12	ND	4	226	1.5	15	2	282	.77	.401	14	56	.05	2837	.01	22	.80	.01	.18	1	48
024509	24	52	24	303	1.8	49	7	160	2.31	396	5	ND	5	174	2.9	30	2	202	.28	.177	20	56	.05	2346	.01	15	.82	.01	.17	1	290
024510	4	24	34	220	.3	37	14	917	3.43	787	5	ND	17	106	.8	1747	2	69	.79	.102	49	43	.11	842	.02	7	.80	.01	.13	1	680
024511	3	22	214	259	1.4	34	16	1081	4.16	602	7	ND	19	158	1.9	413	2	65	.80	.082	47	36	.06	1094	.01	4	.87	.01	.08	1	510
024512	3	20	44	175	.1	26	14	977	3.79	182	5	ND	18	170	.2	152	2	70	.78	.063	41	36	.05	1241	.01	3	.81	.01	.05	1	68
024513	4	17	35	149	.1	17	12	994	4.00	84	5	ND	15	90	.6	91	2	64	.11	.032	26	37	.06	641	.02	6	.84	.01	.02	2	14
024514	4	19	56	194	.2	18	13	1282	4.49	120	5	ND	15	77	.5	91	4	63	.05	.025	29	35	.04	571	.01	2	.79	.01	.03	1	19
024515	4	17	39	158	.1	16	13	1181	4.36	106	5	ND	14	89	.2	49	2	60	.06	.030	25	35	.06	675	.01	4	.79	.01	.03	1	12
024516	4	20	38	151	.1	18	14	1044	4.28	156	5	ND	16	104	.2	23	2	68	.20	.041	31	40	.10	561	.01	2	.77	.01	.05	1	29
024517	3	18	28	137	.1	19	13	705	3.45	92	5	ND	20	71	.2	28	2	77	.47	.103	52	42	.35	928	.05	2	1.22	.01	.19	1	22
024518	2	18	25	122	.1	21	13	518	3.47	108	5	ND	20	88	.2	33	2	76	.62	.104	54	44	.57	1999	.11	2	1.86	.02	.40	1	30
024519	3	15	31	131	.1	20	12	599	3.27	76	5	ND	19	92	.2	20	2	72	.82	.099	49	41	.47	1295	.09	2	1.34	.01	.30	1	12
024520	3	15	30	124	.1	14	13	1029	4.71	171	6	ND	16	147	.2	15	2	55	.98	.068	38	36	.57	625	.01	6	.79	.01	.05	1	28
024521	4	21	49	152	.7	19	13	1026	4.67	362	5	ND	16	164	.2	27	2	41	1.10	.076	35	32	.46	310	.01	2	.72	.01	.09	1	68
024522	4	15	28	116	.2	15	14	829	4.09	145	5	ND	14	129	.2	17	2	56	.68	.065	34	41	.40	644	.01	5	.87	.01	.04	1	24
024523	3	15	29	109	.4	13	12	939	4.02	958	5	ND	15	226	.2	19	3	49	1.39	.054	38	30	.53	603	.01	4	.75	.01	.09	1	1750
024524	4	25	42	190	1.0	15	10	947	3.37	1915	5	3	13	291	.2	29	2	36	2.49	.052	25	35	.85	498	.01	7	.70	.01	.11	1	2980
024525	3	14	23	98	.1	15	10	735	3.26	253	5	ND	15	201	.2	12	3	48	2.44	.060	26	29	.66	686	.01	8	.78	.01	.08	1	360
024526	3	16	12	95	.1	15	10	553	3.26	140	5	ND	15	148	.2	13	2	55	2.26	.100	41	39	.77	388	.01	3	.80	.01	.13	1	72
024527	9	32	18	197	.2	65	13	285	2.98	86	5	ND	7	215	.8	11	2	48	1.37	.068	24	23	.49	153	.01	9	.53	.01	.16	1	2
024528	10	41	12	308	.4	89	15	163	3.20	46	5	ND	7	174	1.8	8	2	60	.67	.071	26	19	.50	144	.01	9	.58	.02	.21	1	9
024529	9	33	36	285	.2	76	14	214	3.50	83	7	ND	6	108	.9	12	2	46	.47	.042	23	23	.43	103	.01	7	.52	.02	.19	1	18
024548	15	35	33	286	3.2	36	5	81	3.98	715	8	ND	7	136	1.0	11	2	213	.07	.124	27	77	.07	1578	.01	10	.68	.01	.18	1	820
024549	15	72	16	429	2.3	79	5	71	3.51	418	5	ND	6	112	.7	15	2	291	.10	.180	19	92	.06	1376	.01	12	.60	.01	.15	1	360
024550	11	133	11	432	2.2	122	15	486	3.23	269	15	ND	5	549	1.7	15	2	325	1.66	1.162	30	131	.08	3549	.01	24	1.21	.01	.20	1	24
024551	25	372	12	747	5.1	435	70	5357	2.36	290	23	ND	4	516	13.6	19	2	220	1.82	1.055	24	180	.10	2790	.01	22	1.51	.01	.21	1	15
024552	15	257	8	587	3.1	282	24	2952	1.33	211	38	ND	4	1018	9.5	16	3	224	5.18	2.741	26	268	.08	5329	.01	20	1.42	.01	.19	1	22
024553	13	216	31	1264	2.0	490	46	4939	4.36	511	29	ND	17	340	13.8	31	2	249	.93	.590	56	92	.07	3164	.01	7	1.35	.01	.07	1	46
024554	9	265	15	1324	2.6	267	18	1219	3.28	407	17	ND	9	152	10.0	18	2	855	.41	.221	37	125	.16	1437	.01	16	1.26	.01	.24	1	240
024555	21	277	16	1714	3.7	242	12	834	4.03	638	15	ND	9	74	14.4	24	9	678	.21	.108	32	76	.14	862	.01	13	.89	.01	.25	1	240
024556	63	185	21	1370	2.3	235	9	499	2.59	455	14	ND	7	52	11.3	19	2	496	.12	.059	32	69	.13	690	.01	13	.73	.01	.23	1	99
024557	74	103	25	1063	1.5	233	9	643	2.55	417	18	ND	6	50	12.1	16	2	240	.09	.054	25	61	.08	647	.01	12	.58	.01	.17	1	93
024558	42	124	24	1194	1.5	236	14	992	3.35	494	13	ND	7	106	14.7	18	2	312	.23	.142	29	73	.10	1049	.01	13	.78	.01	.20	1	46
STANDARD C/AU-R	19	58	36	132	7.3	70	32	1057	3.98	48	17	8	41	53	18.6	15	19	57	.49	.092	40	58	.89	176	.09	33	1.89	.07	.15	11	500

KOK BERC 91-407

S. GOLDEN BERC 91-408

KOK BERC 91-410

BERC 91-410

S. GOLDEN BERC 91-411

S. GOLDEN BERC 91-412

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
024559	16	41	22	1116	1.0	169	11	491	4.17	500	16	ND	7	33	15.8	12	2	155	.07	.066	23	50	.05	561	.01	2	.38	.01	.14	3	20
024560	25	43	20	766	.9	121	8	162	3.23	356	21	ND	6	42	11.4	11	2	123	.07	.071	25	52	.07	580	.01	9	.58	.01	.22	1	34
024561	4	30	15	125	.2	32	15	705	3.50	122	9	ND	16	179	.9	10	2	38	2.53	.099	38	51	.69	360	.04	3	.58	.01	.27	1	18
024562	4	33	36	207	.4	32	16	978	3.87	57	8	ND	11	100	.9	10	2	16	.77	.101	40	28	.17	381	.01	8	.38	.01	.18	1	7
024563	4	22	20	98	.2	17	12	668	3.20	85	5	ND	13	70	.4	11	2	15	1.60	.092	38	33	.13	168	.01	9	.52	.01	.18	1	4
024564	4	28	22	142	.3	32	19	780	3.35	466	13	ND	11	76	.5	16	13	18	.70	.095	37	28	.13	319	.01	5	.47	.01	.18	1	14
024565	3	19	25	102	.2	15	12	829	3.06	56	20	ND	13	64	.6	6	4	17	2.28	.092	39	26	.12	127	.01	2	.54	.01	.14	1	2
024566	3	20	32	261	.4	14	11	873	3.10	71	9	ND	13	65	1.2	12	2	25	2.06	.088	34	34	.11	275	.01	6	.49	.01	.14	1	8
024567	3	19	143	235	1.1	15	12	1070	3.54	564	12	ND	11	99	1.7	28	2	14	1.28	.051	33	28	.07	460	.01	2	.43	.01	.14	1	64
024568	3	14	79	295	1.0	14	11	710	3.42	123	8	ND	12	87	2.3	20	2	34	1.94	.094	36	32	.24	862	.03	4	.89	.01	.25	1	10
024569	3	15	64	381	.7	15	11	665	3.70	74	5	ND	13	74	1.8	14	2	47	.89	.108	44	34	.42	1193	.06	6	1.15	.02	.33	1	6
024570	3	14	104	277	1.9	14	12	686	3.34	91	12	ND	12	109	1.7	27	2	43	1.69	.106	36	35	.47	710	.06	7	1.04	.02	.35	1	5
024571	3	22	64	178	.8	11	11	861	3.28	118	5	ND	10	226	1.4	22	2	10	2.50	.090	17	26	.55	104	.01	2	.39	.01	.16	1	15
024572	3	22	95	259	1.0	16	13	1370	3.27	957	5	ND	10	304	1.8	29	3	9	2.84	.087	17	22	.73	174	.01	7	.37	.01	.15	1	100
024573	5	35	36	263	.7	58	18	616	3.46	109	15	ND	9	205	2.1	10	4	27	1.40	.068	30	27	.52	325	.01	4	.43	.01	.16	1	8
024574	5	36	19	299	.1	79	20	323	3.78	74	13	ND	7	114	1.4	8	2	28	.41	.034	31	22	.40	232	.03	5	.43	.01	.20	1	4
024575	3	28	16	67	.2	16	12	644	3.30	71	6	ND	8	327	.2	18	2	12	2.69	.087	18	26	1.01	152	.01	9	.47	.01	.20	1	30
024576	2	14	18	91	.1	18	11	639	3.01	55	5	ND	6	402	.2	15	2	17	3.00	.043	16	25	1.17	429	.01	3	.38	.01	.13	1	4
024577	2	17	29	97	.2	16	10	731	2.98	796	6	ND	5	377	.2	18	2	14	3.11	.023	13	23	1.22	249	.01	2	.44	.01	.14	1	240
024578	2	14	20	78	.3	12	10	755	2.95	724	5	ND	7	383	.6	17	2	8	3.00	.048	11	16	1.18	129	.01	2	.31	.01	.13	1	210
024579	9	38	23	259	.6	89	14	186	2.43	122	9	ND	6	195	1.8	23	2	33	.61	.057	22	19	.36	95	.01	5	.40	.01	.19	1	1
024580	7	29	35	134	.5	58	12	380	2.86	74	6	ND	6	205	.8	20	2	27	1.28	.022	17	21	.59	84	.01	4	.41	.01	.18	1	2
024581	3	11	25	100	.2	13	9	663	3.03	99	5	ND	11	320	.2	9	2	34	2.62	.031	25	34	1.08	379	.01	2	.56	.01	.12	1	32
024582	2	15	16	103	.4	13	10	744	3.07	96	6	ND	15	222	.7	9	2	50	2.42	.066	33	36	1.06	333	.01	2	.41	.01	.09	1	5
024583	3	17	33	125	.3	11	10	717	3.04	182	19	ND	15	149	.3	9	2	60	2.28	.093	49	39	1.05	330	.02	2	.50	.01	.14	1	57
024584	3	13	18	91	.1	12	8	569	2.69	39	8	ND	14	127	.2	4	2	62	1.79	.085	43	44	.99	602	.10	2	.89	.02	.39	1	10
024585	3	15	17	86	.3	13	7	517	2.60	36	5	ND	14	123	.3	4	2	60	1.64	.083	36	46	.85	525	.15	3	.92	.04	.38	1	16
024586	5	30	66	319	.7	59	17	872	3.57	115	5	ND	9	71	2.0	24	2	20	.15	.032	36	24	.06	657	.01	5	.47	.01	.16	1	37
024587	6	62	24	281	.2	72	19	155	3.10	55	11	ND	9	80	.6	8	2	26	.09	.031	34	25	.04	685	.01	4	.48	.01	.17	1	16
024588	7	39	15	215	.4	51	11	71	2.71	47	15	ND	8	76	.2	12	2	31	.10	.034	34	21	.04	654	.01	5	.49	.01	.20	1	12
024589	8	25	54	255	.9	37	12	109	3.64	562	9	ND	8	78	.8	47	2	31	.09	.033	30	28	.04	1100	.01	4	.40	.01	.16	1	49
024590	4	31	24	294	.3	88	22	1035	4.02	205	6	ND	8	112	1.1	29	2	25	.13	.042	31	25	.06	836	.01	4	.63	.01	.18	1	22
024591	3	19	57	263	.6	51	18	1091	3.50	1584	7	ND	8	197	3.9	40	4	13	1.39	.031	19	30	.47	395	.01	8	.64	.01	.17	1	390
024592	3	15	29	187	.4	37	17	855	3.26	1960	13	ND	7	129	3.0	42	3	12	.80	.016	18	27	.24	406	.01	2	.47	.01	.14	1	760
024593	3	16	46	265	.7	30	14	875	3.41	2450	13	ND	8	88	2.6	44	2	15	.72	.019	19	26	.11	351	.01	3	.35	.01	.11	1	1340
024594	7	22	72	223	.5	26	15	850	3.97	468	6	ND	11	89	1.0	60	2	38	.20	.041	31	40	.06	617	.01	3	.48	.01	.10	1	26
STANDARD C/AU-R	20	56	38	134	7.2	75	32	1091	4.03	37	23	7	40	53	18.3	18	21	57	.48	.093	40	60	.89	175	.09	37	1.90	.07	.15	11	520

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
024595	5	15	62	122	.2	18	11	742	3.43	186	5	ND	7	109	.6	34	6	40	1.50	.029	17	29	.32	590	.01	11	.91	.01	.16	1	39
024596	4	10	52	110	.3	10	10	820	3.56	60	5	ND	9	153	.7	25	2	28	2.21	.035	15	12	.75	636	.01	6	.79	.01	.17	1	28
024597	4	13	107	256	.7	11	10	745	3.73	327	5	ND	6	317	2.0	42	4	27	2.51	.028	13	24	.89	514	.01	6	.70	.01	.21	1	36
024598	8	33	72	399	.9	37	12	428	3.40	228	5	ND	7	211	3.9	36	8	39	1.27	.025	21	23	.54	356	.01	15	.52	.01	.19	1	2
024599	8	29	29	294	.1	42	11	349	2.91	100	5	ND	8	163	2.4	18	4	65	1.12	.062	29	32	.54	319	.01	5	.85	.02	.20	1	5
024600	4	16	24	108	.2	11	9	671	3.42	47	5	ND	16	233	.2	4	4	58	2.68	.094	39	43	1.01	392	.02	4	.78	.02	.19	1	8
024601	3	14	29	100	.2	11	10	803	3.52	618	5	ND	15	274	.4	12	2	47	3.15	.061	37	29	1.26	463	.01	3	.65	.01	.11	1	580
024602	4	18	64	133	.1	15	11	709	3.39	184	5	ND	17	182	.5	10	2	63	2.49	.067	49	25	1.07	1044	.01	3	.79	.02	.12	1	12
024603	5	17	46	114	.3	12	9	558	3.12	73	5	ND	15	124	.6	6	2	79	1.79	.088	40	43	1.03	991	.16	5	1.27	.05	.46	1	3
024604	6	17	35	110	.1	15	9	612	3.42	117	5	ND	14	132	.5	8	4	92	1.91	.090	32	61	1.27	871	.23	5	1.51	.08	.56	1	35
024605	7	37	65	235	.5	48	11	228	3.42	209	5	ND	10	80	.7	25	2	35	.21	.030	35	1	.07	1111	.01	10	.64	.01	.18	1	30
024606	7	43	24	320	.2	62	15	93	4.69	37	5	ND	8	65	.5	5	2	33	.17	.038	37	1	.04	658	.01	2	.61	.02	.19	1	5
024607	9	35	26	319	.5	43	11	134	3.76	36	5	ND	10	88	.2	8	2	39	.19	.042	39	1	.04	831	.01	12	.57	.02	.21	1	4
024608	8	33	37	298	.2	60	18	656	4.06	246	5	ND	6	97	2.0	27	2	35	.58	.027	28	1	.15	1301	.01	4	.60	.01	.18	1	13
024609	4	19	32	139	.2	34	17	1380	3.45	312	5	ND	8	217	2.0	30	4	25	2.46	.021	26	17	.61	593	.01	11	.65	.01	.16	1	2
024610	3	19	52	179	.7	26	15	1228	3.95	2341	5	ND	7	227	1.2	54	3	21	2.59	.015	22	17	.50	449	.01	2	.52	.01	.14	1	620
024611	3	18	53	168	.5	18	12	1150	3.55	1914	5	ND	7	198	1.3	49	2	20	2.31	.013	19	16	.42	408	.01	4	.48	.01	.13	1	720
024612	4	16	39	193	.3	29	14	1374	3.48	1043	5	ND	5	192	.9	49	2	26	2.25	.017	20	28	.53	458	.01	3	.61	.01	.14	1	240
024613	8	43	25	259	.4	61	13	414	3.33	227	5	ND	7	305	1.9	24	4	49	.78	.066	28	1	.23	792	.01	6	.56	.01	.18	1	24
024614	11	50	17	370	.3	88	15	229	3.72	64	5	ND	7	266	3.5	11	2	67	1.05	.104	27	24	.50	193	.01	11	.66	.02	.25	1	50
024615	12	40	31	472	.4	84	15	236	2.64	92	5	ND	7	106	4.5	18	2	59	.17	.062	28	21	.08	236	.01	7	.60	.01	.20	3	15
024616	4	11	37	135	.5	20	10	772	3.49	308	5	ND	11	263	.6	33	3	11	2.32	.044	19	13	.67	462	.01	11	.54	.01	.17	1	10
024617	3	11	64	123	.9	8	9	1061	3.83	2153	5	ND	5	292	.6	47	4	19	2.79	.012	11	19	1.04	200	.01	10	.39	.01	.12	1	3890
024618	3	14	50	99	1.1	11	9	1124	3.75	5357	5	7	5	271	.5	406	2	24	3.01	.010	12	16	1.12	182	.01	3	.47	.01	.13	1	14630
024619	2	24	50	81	2.4	9	9	1224	3.83	5351	5	6	4	276	.3	3656	2	21	3.35	.010	10	17	1.27	150	.01	7	.41	.01	.14	1	12670
024620	3	18	27	102	1.1	12	10	1352	4.07	4105	5	8	6	308	.2	258	2	35	3.38	.011	12	19	1.29	218	.01	9	.57	.01	.13	1	11590
024621	3	14	36	117	.8	16	10	1209	3.68	2169	5	4	10	220	.6	59	2	46	2.74	.011	14	23	1.03	287	.01	12	.50	.01	.07	1	5490
024622	3	17	44	116	.7	15	10	967	3.76	470	5	ND	14	162	.3	26	2	53	1.72	.032	28	18	.83	608	.01	13	.59	.01	.05	1	580
024623	7	30	50	242	.3	74	16	375	3.64	144	5	ND	10	100	1.1	41	2	47	.66	.029	35	17	.53	215	.01	9	.53	.01	.18	1	20
024624	8	35	37	235	.6	76	16	326	3.69	201	5	ND	8	105	1.4	30	9	45	.77	.025	28	18	.55	238	.01	8	.49	.01	.17	1	8
024625	3	23	48	92	.4	21	11	710	3.57	154	5	ND	7	277	.2	42	2	25	2.94	.034	17	20	1.05	465	.01	2	.57	.01	.16	1	4
024626	2	12	57	128	.3	11	9	910	3.43	182	6	ND	9	223	.4	20	2	28	2.71	.035	20	11	.98	547	.01	13	.46	.01	.12	1	3
024627	4	11	90	134	.4	12	9	1055	3.89	212	5	ND	6	221	.7	28	2	33	2.94	.029	18	29	1.06	508	.01	2	.48	.01	.12	1	33
024628	4	9	99	147	.6	14	10	921	4.07	77	5	ND	7	171	.8	12	2	37	2.22	.032	18	19	.94	683	.01	2	.53	.01	.12	1	2
STANDARD C/AU-R	17	58	38	122	6.9	70	30	967	3.91	37	17	8	37	51	17.9	14	18	56	.46	.082	37	58	.76	172	.09	33	1.84	.08	.15	13	480

S. GOLDEN BERC 91-412

S. GOLDEN BERC 91-413

JUN-12-91 13:38 FROM HOME HNHLTTUCHL TO NORANDA P.002

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
124530	9	48	12	502	1.5	113	8	651	1.78	249	7	ND	3	46	8.0	12	2	79	.07	.038	12	38	.05	1671	.01	11	.53	.01	.13	3	24
124531	9	49	16	528	1.7	128	9	844	1.88	251	5	ND	4	47	7.7	14	2	80	.07	.039	12	32	.05	1752	.01	10	.49	.01	.12	4	20
124532	12	44	19	395	1.4	91	7	560	1.46	186	5	ND	2	37	5.0	9	2	63	.03	.028	8	69	.03	2019	.01	4	.35	.01	.07	3	15
124533	10	79	29	519	1.5	114	8	663	1.63	221	12	ND	3	287	5.5	15	2	112	2.63	1.918	19	50	.07	3045	.01	17	.90	.01	.18	3	12
124534	8	156	17	581	1.6	123	8	231	1.68	222	23	ND	4	700	4.7	13	2	175	6.74	1.989	30	58	.11	6667	.01	25	1.43	.01	.31	7	4
124535	9	151	17	457	1.8	98	5	114	1.27	171	26	ND	3	533	3.2	11	2	203	4.82	1.968	26	131	.10	3514	.01	22	1.13	.01	.26	4	6
124536	22	241	24	838	2.3	160	6	110	2.14	275	13	ND	5	235	7.0	17	2	795	1.12	.652	32	75	.13	2127	.01	13	1.13	.01	.30	6	16
124537	5	18	34	124	.2	14	9	612	3.14	113	5	ND	16	147	.5	11	2	75	2.18	.086	43	52	1.09	863	.10	2	1.16	.03	.34	1	200
124538	26	86	30	753	1.4	120	7	203	2.66	311	6	ND	6	46	10.8	12	2	320	.08	.066	24	58	.07	735	.01	13	.81	.01	.17	5	28
124539	8	43	14	554	.8	89	9	797	2.95	396	7	ND	9	44	5.9	12	2	148	.08	.063	25	52	.07	735	.02	13	1.00	.01	.18	4	260
124540	11	48	21	462	.9	120	18	1621	2.42	326	8	ND	7	48	6.1	11	3	120	.05	.045	17	45	.05	934	.01	9	.69	.01	.10	4	24
124541	9	49	14	587	.7	158	26	1760	3.18	385	5	ND	10	65	6.1	16	3	177	.14	.085	28	34	.28	1018	.02	6	1.10	.01	.11	4	7
124542	9	54	22	717	.8	150	12	818	3.42	439	5	ND	10	77	7.5	22	2	213	.13	.091	31	48	.33	932	.01	3	1.00	.01	.11	5	10
124543	4	81	12	630	.6	118	12	595	3.40	248	5	ND	15	45	4.2	26	2	148	.46	.114	46	39	1.08	1295	.12	2	2.47	.01	.30	2	8
124544	3	40	16	187	.2	25	10	633	3.60	155	5	ND	15	57	1.9	23	2	90	1.84	.112	45	37	1.43	828	.04	2	2.42	.01	.19	1	3
124545	5	63	17	439	.9	56	11	543	3.41	86	5	ND	12	67	5.3	14	2	160	.81	.090	36	61	2.05	796	.04	2	2.08	.02	.17	2	12
124546	5	42	48	617	2.0	74	10	717	2.63	115	5	ND	9	78	7.0	9	2	196	.53	.081	31	58	2.34	677	.05	3	1.89	.01	.11	2	8
124547	14	41	37	492	1.6	77	6	329	2.51	116	5	ND	8	65	7.5	9	2	252	.94	.049	29	47	1.79	590	.02	2	1.58	.01	.13	1	8
124629	4	19	45	156	.4	26	14	779	3.50	295	5	ND	20	92	.6	31	2	72	.41	.090	48	18	.22	1115	.04	6	1.15	.01	.17	1	200
124630	5	36	29	250	.4	87	18	402	3.55	196	5	ND	11	105	.9	20	2	114	.24	.052	29	8	.30	996	.01	5	1.29	.01	.23	1	32
124631	4	40	19	241	.3	73	19	237	3.78	25	5	ND	8	85	1.2	4	2	57	.17	.032	20	16	.52	823	.01	8	1.79	.02	.23	1	5
124632	3	38	17	195	.3	52	14	170	3.04	16	5	ND	7	81	1.3	3	2	48	.16	.030	16	12	.47	758	.01	7	1.51	.02	.20	1	3
124633	5	43	18	258	.4	68	17	245	3.76	21	5	ND	8	84	1.5	5	2	58	.15	.035	22	17	.47	651	.01	6	1.50	.01	.19	1	4
124634	4	40	12	246	.4	74	19	334	4.30	20	5	ND	8	71	1.6	3	3	57	.13	.036	24	14	.53	813	.01	9	1.66	.02	.22	1	2
124635	4	39	10	198	.4	72	19	537	4.56	35	5	ND	8	83	.7	7	2	45	.13	.035	20	18	.51	548	.01	4	1.32	.01	.20	1	3
124636	7	44	14	221	.4	80	21	571	4.93	62	5	ND	8	101	.7	11	2	46	.13	.033	19	21	.46	446	.01	7	1.21	.02	.24	1	2
124637	6	41	12	309	.4	68	19	605	4.18	53	5	ND	8	106	2.3	15	2	46	.14	.028	21	11	.45	624	.01	8	.83	.02	.22	2	2
124638	6	50	20	380	.8	55	12	158	2.97	35	5	ND	8	77	4.4	18	2	57	.17	.028	16	24	.35	177	.01	9	1.06	.02	.22	2	4
124639	6	49	16	576	.9	54	14	296	3.32	42	5	ND	7	130	9.6	18	2	54	.48	.031	15	42	.70	197	.01	9	1.01	.02	.21	2	2
124640	6	45	16	610	.8	57	14	260	2.91	41	5	ND	5	141	8.5	22	2	55	1.02	.028	11	23	.68	108	.01	4	.84	.02	.20	2	3
124641	5	42	18	276	.5	60	18	401	3.73	80	5	ND	7	144	2.2	18	2	51	.84	.056	12	34	.83	118	.01	5	1.47	.01	.21	1	12
124642	16	19	45	327	.7	46	16	1035	4.13	447	5	ND	12	82	1.5	121	2	55	.23	.030	29	17	.11	817	.01	6	.77	.01	.11	3	31
124643	15	19	39	380	.6	28	12	899	3.58	789	5	ND	11	131	2.0	209	2	51	.54	.033	25	23	.22	661	.01	7	.79	.01	.09	2	1380
124644	7	16	23	181	.5	22	12	1202	3.44	754	5	ND	15	255	.8	63	2	45	2.55	.068	34	25	.92	385	.01	3	.52	.01	.11	1	1190
124645	9	19	65	464	1.5	23	13	2381	3.58	1496	5	2	14	267	3.0	290	2	45	2.71	.060	33	39	.98	194	.01	5	.62	.01	.12	3	3690
124646	5	16	67	238	.5	18	11	783	3.31	226	5	ND	18	136	.7	79	2	68	2.31	.091	54	29	.87	960	.10	4	1.43	.02	.25	1	480
STANDARD C/AU-R	18	58	38	132	7.0	70	33	1051	3.96	37	16	6	40	52	18.9	16	18	56	.48	.090	39	58	.88	177	.09	34	1.88	.06	.15	11	530

KOR BERC 91-409

S. GOLDEN BERC 91-414

S. GOLDEN BERC 91-415

JUN-14-1991 8:26 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
024647	5	18	30	153	.5	18	11	615	3.55	102	5	ND	16	104	.7	34	2	75	1.86	.105	46	40	.98	719	.13	2	1.88	.02	.33	1	72
024648	5	16	51	177	.8	14	10	862	3.29	518	5	ND	16	183	.2	147	2	46	2.90	.090	40	34	1.03	290	.01	2	.59	.01	.11	1	860
024649	4	13	51	155	.8	10	9	898	3.21	566	5	ND	13	292	.4	109	2	26	3.72	.086	30	31	1.24	181	.01	7	.42	.01	.13	2	570
024650	3	12	27	116	.3	12	9	613	2.98	101	5	ND	15	67	.2	30	2	47	1.37	.108	43	19	.56	167	.01	2	.38	.01	.06	1	99
024651	5	11	65	149	.5	11	10	749	3.50	82	5	ND	14	109	.4	31	2	60	1.87	.075	34	16	.85	690	.01	3	.66	.01	.09	1	24
024652	4	7	30	93	.5	11	10	950	3.60	2266	5	ND	9	164	.2	44	2	26	2.67	.043	19	24	.96	141	.01	5	.53	.01	.12	1	1140
024653	4	8	23	85	.5	11	9	833	3.62	1796	5	3	7	130	.2	33	2	25	1.97	.022	15	15	.78	302	.01	5	.40	.01	.13	1	1960
024654	5	9	51	195	.4	11	9	893	3.56	119	5	ND	8	170	.5	24	2	25	2.68	.019	13	14	.88	287	.01	3	.45	.01	.13	1	49
024655	5	8	65	154	.5	10	9	861	3.60	73	5	ND	11	144	.2	21	2	34	2.14	.045	25	9	.90	970	.01	6	.63	.01	.14	1	9
024656	5	7	42	120	.3	7	9	854	3.73	67	5	ND	11	149	.2	23	2	36	2.51	.045	25	7	1.10	917	.01	4	.57	.01	.10	1	15
024657	5	17	19	125	.3	25	10	635	3.47	66	5	ND	8	167	.2	19	2	47	2.89	.052	22	29	1.15	324	.01	3	.65	.01	.15	1	16
024658	3	18	37	185	.5	11	10	654	3.42	57	5	ND	12	271	.8	26	3	37	3.36	.097	33	25	.88	297	.02	6	.79	.01	.20	1	9
024659	4	14	34	313	.5	11	8	564	3.23	168	5	ND	10	193	2.1	28	2	52	3.37	.093	26	40	.97	131	.09	3	1.10	.02	.41	3	19
024660	3	14	35	434	.5	11	8	556	2.89	212	5	ND	9	190	3.0	30	2	48	3.57	.092	23	36	1.45	117	.04	5	.63	.01	.23	3	8
024661	6	22	34	239	.5	32	10	468	3.03	123	5	ND	8	239	.9	30	2	46	3.28	.078	21	43	1.25	56	.01	4	.56	.01	.17	1	12
024662	7	41	17	457	.5	67	16	254	3.46	52	5	ND	8	181	4.0	13	2	41	.76	.045	29	25	.65	54	.01	8	.51	.01	.21	1	7
024663	8	39	19	458	.5	74	15	180	2.86	48	5	ND	6	198	3.6	15	2	43	.72	.055	25	25	.50	45	.01	8	.52	.01	.21	1	6
024664	4	39	45	210	.2	20	15	231	5.27	551	7	ND	15	72	.6	26	2	38	.09	.023	33	25	.04	708	.01	4	.65	.01	.12	1	19
024665	4	35	29	165	.2	25	11	373	3.64	162	5	ND	10	116	.3	12	2	15	.28	.029	34	4	.14	815	.01	5	.61	.01	.14	1	15
024666	6	65	21	179	.4	48	13	236	3.24	599	5	ND	8	117	.2	24	2	32	.32	.024	30	22	.16	122	.01	7	.60	.01	.20	1	18
024667	4	22	39	236	.6	47	22	1190	4.36	1306	5	ND	9	300	.7	33	2	16	2.13	.059	22	29	.75	108	.01	6	.55	.01	.16	1	390
024668	4	16	33	166	.5	29	14	1165	3.32	930	5	ND	12	214	.2	24	2	19	2.04	.075	24	35	.59	192	.01	5	.45	.01	.16	1	480
024669	4	16	24	142	.4	38	14	1151	3.33	1310	5	ND	12	259	.2	27	2	16	2.22	.083	21	34	.74	149	.01	4	.39	.01	.16	1	600
024670	4	16	20	128	.3	39	14	855	3.26	620	5	ND	12	260	.2	17	2	23	2.26	.086	23	33	.83	170	.01	4	.49	.01	.19	1	360
024671	7	17	31	142	.4	65	19	1207	3.19	1125	5	ND	12	268	.2	21	2	20	2.19	.086	21	47	.76	130	.01	6	.52	.02	.22	1	470
024672	6	16	28	158	.4	70	23	1552	3.20	661	5	ND	10	236	.2	21	2	21	2.12	.084	19	39	.77	173	.01	4	.57	.02	.20	1	110
024673	7	31	25	242	.3	77	17	596	3.28	293	5	ND	7	193	.9	20	2	39	1.39	.050	20	34	.60	57	.01	5	.52	.01	.19	1	31
024674	3	13	40	109	.2	20	10	735	3.32	617	5	ND	8	284	.2	25	2	18	3.00	.049	17	17	1.06	184	.01	5	.44	.01	.12	1	44
024675	2	14	44	145	.4	16	10	842	3.36	1284	5	ND	10	339	.7	26	2	22	3.01	.051	19	23	1.04	99	.01	5	.45	.01	.11	1	280
024676	3	31	40	259	11.0	16	10	972	3.29	862	5	ND	11	273	1.0	493	2	29	3.21	.045	21	25	1.14	263	.01	6	.42	.01	.09	3	540
024677	4	17	23	103	2.3	16	9	729	2.83	676	5	ND	13	264	.2	65	2	35	2.78	.086	32	35	1.04	173	.02	6	.50	.01	.20	1	930
024678	4	16	20	108	.4	16	10	667	3.16	239	5	ND	16	115	.2	21	2	59	2.29	.092	46	33	.93	392	.01	3	.42	.01	.09	1	320
024679	3	15	32	107	.7	14	10	912	3.37	868	5	2	13	205	.2	607	2	47	2.96	.057	33	32	1.13	215	.01	4	.49	.01	.08	2	1410
024680	4	16	33	109	.6	17	10	788	2.95	790	5	3	14	177	.2	739	2	46	2.41	.080	36	29	.95	408	.01	4	.49	.01	.10	1	1450
024681	3	13	31	98	.4	13	9	879	3.10	673	5	ND	14	201	.2	67	2	46	3.29	.047	37	27	1.21	502	.01	2	.45	.01	.07	2	2120
024682	4	12	17	83	.2	14	9	664	2.87	525	5	ND	13	185	.2	19	2	41	2.76	.083	34	39	1.05	312	.01	2	.48	.01	.10	1	690
STANDARD C/AU-R	19	60	40	133	7.2	72	33	1052	4.00	38	15	7	37	52	18.6	14	20	55	.48	.091	38	58	.88	179	.09	34	1.90	.06	.15	11	460

S. GOLDEN BCRC 91-4/5

S. GOLDEN. BCRC 91-4/6

JUN-14-1991 8:27 FROM ACME ANALYTICAL TO NORANDA YT P.003

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
024683	3	14	52	157	.6	14	9	954	3.22	515	5	ND	11	245	.4	20	2	40	3.30	.047	25	39	1.21	121	.01	2	.51	.01	.09	2	480
024684	3	14	54	168	.5	15	11	967	3.47	400	5	ND	12	302	.4	24	2	37	3.60	.066	26	34	1.28	181	.01	2	.48	.01	.07	2	320
024685	3	7	41	121	.4	9	8	800	3.35	221	5	ND	11	257	.2	16	2	22	3.44	.063	22	26	1.18	135	.01	4	.43	.01	.12	1	210
024686	2	8	30	91	.4	9	8	654	3.30	771	5	ND	12	300	.2	34	2	15	3.03	.084	26	18	.87	144	.01	3	.68	.01	.19	1	280
024687	4	11	53	190	.6	13	9	740	3.43	2516	5	2	10	361	.4	28	2	13	3.53	.087	26	34	1.16	86	.01	4	.40	.01	.19	1	1090
024688	3	10	45	146	.4	11	9	792	3.43	495	5	ND	11	305	.2	17	2	14	3.64	.064	22	31	1.11	148	.01	5	.66	.01	.20	1	230
024689	3	13	68	182	.5	15	10	701	3.24	76	5	ND	9	202	.7	19	2	28	3.16	.090	23	22	1.06	122	.01	3	.55	.01	.17	1	20
024690	3	13	21	123	.3	13	9	552	3.35	47	5	ND	10	175	.2	17	4	56	2.51	.099	29	37	1.11	332	.10	2	1.24	.02	.42	1	7
024691	3	12	49	149	.5	11	8	647	3.02	68	5	ND	9	339	.2	15	2	28	3.50	.097	20	29	1.25	181	.03	6	.55	.01	.22	1	6
024692	12	23	69	657	.4	110	16	1307	4.65	508	5	ND	17	83	2.6	477	2	64	.45	.109	55	29	.33	973	.04	2	.91	.01	.15	2	270
024693	13	22	45	744	.2	146	11	1315	3.70	305	5	ND	17	59	2.2	289	2	74	.60	.122	49	39	.44	797	.09	2	1.03	.02	.22	2	87
024694	7	16	38	315	.3	59	9	835	3.37	85	5	ND	14	67	.7	86	2	88	1.18	.105	35	47	1.13	713	.29	3	1.56	.05	.52	1	24
024695	5	17	37	183	.2	29	9	642	3.49	43	5	ND	14	83	.5	36	2	94	1.37	.107	37	49	1.42	922	.34	3	1.85	.07	.60	1	12
024696	6	16	46	186	.3	24	9	652	3.59	66	5	ND	15	92	.7	51	2	95	1.49	.105	38	65	1.45	744	.33	2	1.83	.08	.56	2	11
024697	5	15	38	167	.3	22	9	683	3.63	43	5	ND	15	99	.4	34	2	97	1.80	.102	39	62	1.56	702	.32	3	1.94	.09	.62	2	9
024698	5	17	31	205	.2	29	8	656	3.46	91	5	ND	14	76	.6	81	5	92	1.40	.097	35	50	1.39	691	.32	3	1.77	.06	.58	1	8
024699	5	14	33	188	.3	26	8	559	3.28	46	5	ND	15	98	.3	40	4	89	1.45	.095	37	64	1.18	670	.30	4	1.59	.07	.55	1	9
024700	3	14	31	175	.2	24	8	611	3.37	24	5	ND	11	107	.4	22	2	54	2.26	.086	30	33	1.07	265	.06	3	1.59	.04	.17	1	5
024701	7	15	27	236	.1	35	9	703	3.43	67	5	ND	15	90	.5	54	2	90	1.27	.099	39	67	1.17	649	.26	2	1.70	.06	.45	1	8
024702	5	14	32	235	.3	34	9	621	3.25	62	5	ND	15	82	.5	51	2	86	1.16	.097	38	51	1.12	520	.25	2	1.57	.06	.37	1	6
024703	4	14	28	200	.3	27	8	588	3.43	50	5	ND	15	80	.2	45	2	90	1.18	.098	37	48	1.31	684	.30	2	1.75	.05	.37	1	10
024704	4	14	31	209	.3	29	8	631	3.34	49	5	ND	13	85	.6	46	2	91	1.78	.096	34	47	1.33	484	.22	2	1.60	.03	.33	1	7
024705	4	11	23	190	.2	25	9	646	3.49	34	5	ND	13	106	.4	31	2	88	2.12	.099	35	50	1.39	484	.16	2	1.70	.04	.36	1	4
024706	8	31	19	169	.3	85	13	370	2.89	75	5	ND	8	108	.2	39	2	66	1.74	.082	26	49	.73	152	.01	5	1.24	.02	.25	1	5
024707	5	17	33	209	.3	29	9	818	3.39	100	5	ND	14	112	.3	79	2	86	1.77	.106	36	55	1.19	622	.22	3	1.67	.06	.46	1	29
024708	4	16	11	153	.1	17	8	679	3.57	26	5	ND	12	105	.2	20	2	54	2.66	.089	38	39	1.15	385	.03	2	1.68	.03	.14	1	5
024709	4	8	30	121	.2	15	7	689	3.47	24	5	ND	13	103	.2	22	2	57	2.57	.087	37	43	1.15	263	.03	3	1.58	.03	.13	1	4
024710	3	6	27	103	.2	10	8	686	3.54	15	5	ND	12	115	.2	11	2	56	2.77	.086	37	40	1.16	241	.02	4	1.60	.03	.12	1	6
024711	4	7	21	150	.2	20	8	746	3.48	36	5	ND	12	133	.2	26	2	56	2.77	.089	37	44	1.05	173	.02	2	1.59	.02	.15	1	15
024712	4	6	19	113	.2	13	7	737	3.33	24	5	ND	13	215	.2	13	2	51	3.09	.086	31	49	.93	260	.01	5	1.27	.03	.18	1	11
024713	4	20	54	169	.3	13	8	706	3.43	27	5	ND	11	249	.2	12	2	35	3.24	.085	22	31	.89	258	.01	5	.80	.01	.20	1	10
024714	9	38	21	274	.2	88	14	207	3.15	37	5	ND	5	192	.9	15	2	36	.74	.046	20	26	.52	33	.01	5	.46	.01	.20	1	3
024715	12	39	17	284	.1	88	13	152	2.59	91	5	ND	3	181	.6	12	2	45	.82	.025	14	25	.44	29	.01	4	.42	.01	.19	1	10
024716	12	45	20	334	.3	93	14	165	3.46	130	5	ND	2	137	1.1	18	2	38	.66	.019	11	28	.33	18	.01	4	.47	.01	.19	1	30
024717	9	23	47	440	.4	65	17	1004	3.97	550	5	ND	14	98	.4	372	2	62	.24	.060	33	19	.20	1185	.04	3	1.02	.01	.08	2	270
024718	5	16	57	357	.4	51	16	898	3.41	163	5	ND	15	60	.3	136	2	81	.42	.098	38	31	.67	1051	.18	2	1.26	.03	.41	1	25
STANDARD C/AU-R	19	61	38	139	7.1	70	34	1075	4.01	38	18	6	37	52	18.8	14	21	56	.49	.094	37	58	.89	182	.09	32	1.94	.06	.16	11	470

S. GOLDEN BERC 91-416

GOLDEN BERC 91-417

GOLDEN BERC 91-418

JUN-14-1991 8:28 FROM ACME ANALYTICAL TO NORANDA YT P.004

AMPLE#	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
24719	4	16	40	330	.9	47	14	680	3.22	172	5	ND	18	48	.8	122	2	78	.51	.107	49	35	.70	748	.16	2	1.38	.04	.30	1	20
24720	4	17	26	227	.1	41	11	588	3.21	120	5	ND	17	61	.7	71	2	83	.58	.102	43	40	.91	761	.20	2	1.40	.05	.31	1	23
24721	8	29	71	420	.5	63	14	754	4.09	575	5	ND	17	47	1.7	205	2	65	.40	.106	55	16	.51	962	.09	2	1.22	.02	.29	1	110
24722	4	15	22	205	.1	40	12	635	3.34	287	5	ND	15	68	.5	69	2	83	.81	.102	43	26	1.07	1167	.17	2	1.53	.04	.51	1	140
24723	5	15	16	227	.1	45	12	625	3.36	240	5	ND	17	48	.4	94	2	65	.55	.109	50	36	.62	652	.07	2	1.21	.02	.27	1	38
24724	6	13	15	303	.1	62	14	490	3.38	333	5	ND	15	43	.2	129	2	51	.40	.106	47	24	.56	812	.02	2	1.13	.02	.17	1	10
24725	5	8	25	245	.1	53	12	463	3.53	51	5	ND	15	39	.2	65	2	36	.45	.095	43	22	.21	328	.01	2	.67	.02	.14	1	13
24726	4	9	33	250	.2	37	10	691	3.33	79	5	ND	12	133	.2	78	2	28	1.53	.094	29	21	.58	273	.01	2	.51	.02	.14	1	27
24727	8	10	31	412	.2	60	13	862	3.60	225	5	ND	13	115	.2	155	2	21	1.34	.104	32	20	.38	275	.01	4	.52	.01	.17	1	11
24728	8	11	23	273	.2	50	11	535	3.54	1467	5	ND	13	144	.2	136	2	14	1.09	.100	26	28	.33	92	.01	4	.41	.01	.16	1	320
24729	9	9	36	351	.2	49	11	673	3.70	1940	5	ND	12	161	.2	157	2	18	1.47	.097	23	28	.46	134	.01	5	.48	.01	.16	1	620
24730	4	8	14	292	.1	44	10	702	3.23	456	5	ND	12	240	.2	40	2	24	2.12	.082	24	23	.73	305	.01	5	.56	.02	.16	1	200
24731	2	7	2	189	.1	28	9	660	3.11	116	5	ND	10	232	.2	25	2	35	2.38	.082	22	22	.83	331	.03	3	.83	.02	.21	1	30
24732	3	7	21	211	.1	39	9	737	3.20	169	5	ND	11	219	.2	50	2	20	2.41	.091	21	26	.82	169	.01	4	.60	.01	.16	1	44
24733	5	12	124	363	.9	41	10	837	3.06	1484	5	ND	8	195	1.0	96	2	15	2.19	.091	16	27	.74	54	.01	4	.40	.01	.14	1	690
24734	6	15	113	398	.7	52	12	846	3.60	657	5	ND	11	210	.7	119	2	45	2.32	.100	28	40	.78	98	.04	2	.73	.02	.26	1	340
24734 (DUP)	5	10	189	393	.5	38	10	730	3.31	153	5	ND	11	218	.2	50	2	21	2.48	.090	20	38	.81	174	.01	6	.65	.02	.18	1	11
24735	5	16	55	508	.7	41	10	718	3.72	346	5	ND	12	176	2.8	59	2	57	2.41	.102	28	55	1.04	124	.06	3	1.11	.03	.29	2	55
24736	4	15	43	359	.6	23	9	640	3.28	175	5	ND	11	187	1.9	22	2	47	2.64	.098	26	51	.94	129	.05	2	.92	.03	.26	1	31
24737	3	13	43	205	.1	17	9	605	3.48	55	5	ND	12	262	.8	21	2	49	3.69	.100	36	32	1.42	508	.01	2	.58	.02	.11	1	26
24738	7	29	38	387	.6	53	11	482	3.20	112	5	ND	9	239	2.8	19	2	44	1.77	.074	25	42	.69	64	.01	6	.68	.02	.23	1	19
24739	9	36	12	277	.1	80	13	198	3.19	44	5	ND	5	183	.7	16	2	34	.50	.065	20	31	.41	30	.01	7	.49	.01	.19	1	18
24740	6	33	25	335	.1	78	16	304	3.53	55	5	ND	7	145	1.1	19	2	32	.41	.040	26	22	.58	60	.01	9	.53	.01	.22	1	11
24741	5	34	23	405	.1	67	16	324	3.24	42	5	ND	6	149	2.8	21	2	31	.63	.030	23	17	.70	111	.01	6	.47	.01	.22	1	14
24742	7	16	42	572	.4	74	12	1204	4.14	1534	5	ND	12	78	1.4	192	2	23	.08	.030	40	2	.05	847	.01	5	.60	.01	.14	3	1460
24743	6	14	39	450	.6	55	9	952	4.07	2673	5	3	12	89	1.5	174	2	20	.11	.040	39	1	.03	955	.01	2	.44	.01	.11	2	3990
24744	4	12	43	286	.4	33	11	1028	3.65	1794	5	ND	8	80	.3	70	2	19	.52	.026	28	1	.06	948	.01	6	.58	.01	.15	1	1080
24745	5	19	26	395	.1	51	13	816	3.68	178	5	ND	10	106	.2	123	2	34	.34	.068	34	1	.06	1063	.01	3	.66	.01	.14	1	48
24746	8	12	41	286	.1	66	11	602	2.79	194	5	ND	11	60	.2	128	2	20	.17	.068	38	11	.04	558	.01	5	.68	.01	.21	1	33
24747	7	22	72	380	.3	39	10	521	3.95	244	5	ND	11	69	.2	109	2	21	.44	.093	37	11	.04	564	.01	3	.54	.01	.14	1	52
24748	5	13	35	385	.2	41	11	785	3.40	550	5	ND	8	97	.2	181	2	42	.93	.028	24	11	.18	812	.01	3	.58	.01	.08	1	610
24749	6	12	27	304	.1	36	9	553	3.70	122	5	ND	13	108	.2	113	2	13	.12	.054	36	1	.05	991	.01	5	.62	.01	.16	1	12
24750	4	13	34	171	.2	19	10	755	3.43	120	5	ND	11	84	.2	39	3	14	.56	.022	25	5	.13	602	.01	3	.56	.01	.14	1	7
24751	5	18	28	213	.1	26	10	829	3.84	1798	5	ND	11	108	.2	133	2	16	.23	.045	24	10	.07	772	.01	2	.55	.01	.14	1	420
24752	7	16	29	298	.1	36	12	921	3.56	170	5	ND	14	196	.2	105	2	30	1.35	.084	34	30	.39	716	.01	3	.75	.01	.18	1	8
24753	7	15	19	529	.1	58	14	729	3.82	237	5	ND	15	119	.2	336	2	20	1.05	.105	38	22	.30	230	.01	3	.57	.01	.16	1	10
24754	7	14	20	408	.1	38	12	746	3.43	300	5	ND	14	178	.2	209	2	26	1.59	.108	37	36	.49	226	.01	3	.63	.01	.18	1	13
STANDARD C/AU-R	18	58	40	131	7.4	71	33	1046	3.92	38	18	8	35	52	18.8	18	19	54	.48	.090	37	57	.88	176	.09	34	1.86	.06	.15	11	510

GOLDEN BEAR 91-418

GOLDEN BEAR 91-419

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
24755	4	14	21	273	.2	27	12	873	3.32	183	5	ND	10	361	.5	150	2	23	2.33	.104	31	31	.79	255	.01	9	.69	.01	.21	1	27
24756	4	16	23	358	.1	42	11	960	3.09	114	5	ND	10	334	.5	104	2	29	2.35	.099	38	30	.79	263	.02	8	.82	.01	.22	1	8
24757	5	14	29	218	.3	21	13	1012	3.05	151	5	ND	6	504	.4	72	2	17	3.47	.085	26	44	1.13	347	.01	2	.75	.01	.26	1	4
24758	4	16	21	272	.1	34	11	861	3.06	89	5	ND	6	433	.3	76	2	19	2.97	.087	28	42	.99	245	.01	2	.77	.01	.23	1	26
24759	5	14	25	200	.1	29	11	893	3.17	234	6	ND	9	426	.6	70	2	26	3.08	.095	32	49	1.06	225	.01	2	.89	.01	.28	1	28
24760	4	14	18	135	.1	17	9	745	2.87	64	5	ND	7	450	.5	33	2	22	3.22	.094	25	35	1.09	251	.01	2	.72	.01	.21	1	2
24761	4	12	23	292	.1	33	11	701	2.95	180	5	ND	7	393	.2	43	2	30	2.87	.092	31	47	1.04	238	.01	5	.90	.03	.22	1	1
24762	6	8	14	202	.1	19	10	747	2.97	524	5	ND	4	648	.2	54	2	13	3.51	.079	22	55	1.19	226	.01	3	.63	.01	.26	1	40
24763	4	12	20	136	.4	22	10	618	2.76	732	5	ND	5	370	.2	38	2	34	3.13	.087	35	38	1.01	234	.02	6	.95	.01	.24	1	380
24764	3	10	16	110	.1	14	8	662	2.71	99	5	ND	4	415	.2	36	2	35	3.90	.090	36	42	1.00	383	.01	4	1.13	.01	.21	1	20
24765	3	9	16	117	.4	14	10	733	2.97	1880	5	ND	6	633	.2	44	3	16	3.57	.090	24	31	1.17	174	.01	4	.61	.01	.24	1	450
24766	4	8	24	205	.1	27	9	613	2.78	74	5	ND	6	465	.2	24	2	31	3.11	.099	34	37	1.05	263	.02	3	.80	.02	.24	1	3
24767	4	5	12	129	.1	15	9	561	2.72	117	5	ND	4	591	.2	20	2	16	3.56	.095	27	38	1.21	316	.01	9	.56	.02	.22	1	8
24768	3	7	25	112	.5	10	9	687	3.16	87	5	ND	3	359	.2	19	2	14	3.36	.081	18	29	1.02	117	.01	10	.58	.01	.25	1	15
24769	4	22	16	91	.2	23	13	740	3.63	178	5	ND	8	549	.2	14	2	21	3.67	.082	26	37	1.35	100	.01	8	.65	.01	.21	1	8
24770	4	21	13	73	.1	22	12	708	3.46	68	5	ND	13	513	.4	9	2	22	2.93	.082	36	39	1.20	120	.01	5	.54	.01	.21	1	10
24771	8	25	22	289	.5	48	14	453	3.14	109	5	ND	7	366	2.1	16	2	43	1.79	.066	24	42	.78	65	.01	5	.51	.01	.22	1	6
24772	20	44	13	501	.8	66	7	181	1.93	88	5	ND	1	171	5.2	19	2	126	.73	.082	7	92	.36	72	.01	8	.45	.01	.12	3	5
24773	11	28	38	505	.2	75	12	749	3.02	356	5	ND	7	67	2.6	190	2	97	.54	.155	36	66	.48	847	.04	3	1.27	.01	.12	1	210
24774	5	21	32	388	.2	51	12	508	3.18	134	5	ND	14	50	1.1	55	2	78	.61	.118	47	58	.91	2207	.07	2	1.87	.02	.15	1	29
24775	5	20	30	342	.1	47	11	518	3.09	122	5	ND	14	57	1.2	39	6	80	.63	.115	43	62	.91	1722	.09	2	1.82	.03	.18	1	41
24776	6	17	22	228	.2	39	11	765	3.31	77	5	ND	13	83	1.0	28	2	90	1.09	.098	42	82	1.18	1526	.22	2	1.76	.06	.33	2	17
24777	6	15	27	185	.1	26	10	691	3.29	91	6	ND	12	90	.3	36	2	90	1.30	.094	43	78	1.19	1816	.25	2	1.83	.07	.47	1	1
24778	4	15	38	172	.1	19	11	605	3.12	49	5	ND	11	87	.3	28	5	85	1.09	.096	38	65	1.09	2586	.24	3	1.84	.07	.46	2	5
24779	4	17	32	171	.1	19	11	697	3.24	69	5	ND	11	90	.5	31	2	83	1.37	.098	41	61	1.11	2158	.21	2	1.76	.06	.34	1	2
24780	7	13	41	146	.1	17	10	592	3.13	69	20	ND	12	92	.3	29	7	88	1.10	.090	39	84	1.14	1667	.22	4	1.79	.08	.49	1	1
24781	5	14	32	187	.3	21	11	916	3.09	102	5	ND	12	95	.4	54	2	80	1.10	.089	37	60	1.07	2843	.25	2	1.68	.06	.38	1	1
24782	5	14	21	133	.1	14	10	652	2.97	42	5	ND	9	103	.2	18	2	83	1.23	.086	35	66	1.09	1788	.24	2	1.65	.06	.44	1	2
24783	5	15	14	122	.2	16	10	628	3.23	27	5	ND	10	141	.2	16	2	91	2.18	.091	36	76	1.25	1029	.23	2	1.79	.07	.57	1	3
24784	4	12	7	117	.1	14	8	562	3.02	21	5	ND	6	136	.3	8	2	91	1.66	.086	30	63	1.19	871	.24	2	1.66	.06	.64	1	6
24785	4	11	10	95	.1	10	9	584	3.04	28	5	ND	9	162	.2	10	2	89	2.09	.087	35	72	1.24	1619	.14	4	1.84	.07	.50	1	6
24786	4	14	9	123	.1	14	9	568	2.95	60	5	ND	6	149	.5	34	3	82	2.20	.103	32	54	1.09	952	.08	2	1.58	.04	.27	1	4
24787	7	25	13	61	.1	31	10	507	2.84	58	16	ND	3	182	.3	14	2	50	3.16	.082	22	45	.68	239	.01	3	1.15	.02	.25	1	11
24788	5	17	16	81	.6	16	10	674	2.90	118	5	ND	5	216	.3	22	5	35	4.01	.081	22	37	.71	225	.01	5	1.11	.02	.27	2	1
24789	4	11	18	178	.3	14	8	741	2.94	42	5	ND	5	166	.6	24	4	42	3.21	.081	26	36	.81	285	.01	2	1.20	.03	.17	1	1
24790	4	9	56	173	.2	8	8	678	2.92	35	5	ND	4	177	.7	19	2	42	3.18	.082	30	34	.80	378	.01	7	1.33	.03	.23	1	6
STANDARD C/AU-R	19	59	42	132	6.9	70	34	1051	3.95	38	20	7	38	53	18.4	16	17	57	.48	.089	40	58	.86	178	.09	34	1.89	.07	.15	11	460

GOLDEN BEAR 91-419

GOLDEN BEAR 91-420

JUN-14-1991 8:30 FROM ACME ANALYTICAL TO NORANDA YT P.006

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
024791	2	8	29	107	.1	7	7	657	2.79	28	5	ND	14	173	.3	18	2	38	2.69	.085	30	30	.85	579	.01	6	1.23	.01	.12	2	22
024792	4	10	47	169	.2	9	7	825	3.27	43	5	ND	13	167	1.0	21	2	33	2.57	.080	23	37	1.02	160	.01	4	.61	.01	.15	1	15
024793	3	13	34	111	.1	8	7	776	3.33	37	5	ND	11	229	.7	19	2	30	2.74	.068	19	27	1.07	130	.01	5	.60	.01	.12	1	13
024794	9	45	20	379	.3	78	14	260	3.14	51	5	ND	8	177	3.2	21	2	36	.79	.048	22	36	.52	49	.01	7	.51	.01	.18	1	9
024795	10	39	19	262	.2	79	13	200	3.00	33	5	ND	7	160	1.8	12	2	39	.77	.042	19	24	.51	39	.01	8	.56	.01	.20	1	1
024796	8	28	41	234	.5	31	9	743	3.06	41	5	ND	9	370	2.3	18	2	34	3.10	.113	14	39	1.20	34	.01	5	.55	.01	.16	1	7
024797	4	53	24	905	.1	441	78	922	5.54	94	7	ND	27	92	11.9	62	2	90	.51	.162	71	81	.47	1044	.15	4	1.35	.01	.43	1	7
024798	5	44	30	255	.1	74	19	608	4.15	59	5	ND	21	152	3.1	21	2	35	.15	.064	57	29	.09	1553	.01	7	.71	.01	.18	1	17
024799	4	41	46	195	.1	52	21	1305	5.27	49	5	ND	27	140	3.1	12	2	24	.43	.054	58	38	.07	1203	.01	4	.70	.01	.13	1	12
024800	7	30	33	179	.3	38	11	458	3.27	74	5	ND	15	111	1.2	19	3	34	.08	.042	42	30	.06	1111	.01	7	.60	.01	.19	1	9
024801	6	22	50	175	.1	40	12	523	4.03	132	5	ND	9	125	2.9	19	2	25	.22	.037	33	38	.12	793	.01	8	.74	.01	.19	1	7
024802	5	13	44	46	.3	10	3	43	2.45	327	5	ND	11	80	.2	27	2	12	.02	.025	31	37	.03	215	.01	7	.59	.01	.16	2	240
024803	4	22	36	127	.1	25	13	561	3.50	420	8	ND	11	94	1.4	27	3	16	.41	.020	23	40	.25	86	.01	6	.82	.01	.16	1	15
024804	2	18	17	219	.1	33	19	1476	4.33	35	5	ND	12	425	.5	19	2	14	2.60	.026	25	30	1.21	155	.01	5	.61	.01	.16	1	13
024805	3	22	24	234	.1	41	18	1208	3.97	162	5	ND	12	248	.7	17	2	27	1.83	.031	19	40	.86	163	.01	4	.61	.01	.14	1	21
024806	5	17	30	90	.4	21	13	285	2.96	396	5	ND	8	60	.3	34	2	12	.08	.020	19	51	.09	34	.01	9	.59	.01	.15	1	210
024807	5	28	62	221	.8	42	18	877	4.48	393	5	ND	6	115	1.0	82	2	14	.65	.019	14	39	.39	30	.01	5	.45	.01	.13	1	87
024808	3	17	66	197	.4	24	15	1279	3.73	428	5	ND	12	262	.7	50	2	21	2.19	.027	19	30	.96	95	.01	5	.57	.01	.12	1	220
024809	3	19	30	153	.1	23	13	945	3.63	76	6	ND	16	153	.4	18	3	44	1.45	.070	30	45	.77	611	.01	3	.76	.01	.14	1	19
024810	3	18	28	142	.2	20	13	801	3.19	289	5	ND	15	163	.2	28	2	38	2.05	.074	28	39	.90	402	.01	3	.65	.01	.13	1	310
024811	3	18	22	103	.1	16	12	703	3.40	204	5	ND	16	164	.2	16	2	42	2.10	.069	29	45	.99	439	.01	2	.66	.01	.13	1	35
024812	3	19	25	138	.1	26	14	865	3.57	74	5	ND	14	219	.5	21	2	37	2.85	.084	26	44	1.26	394	.01	4	.61	.01	.14	1	14
024813	3	40	36	126	.2	27	16	864	3.49	257	5	ND	12	320	.6	31	4	33	3.09	.096	23	40	1.35	153	.01	4	.58	.01	.14	1	53
024814	4	18	90	432	1.2	14	12	762	3.64	437	5	ND	13	244	4.2	47	7	41	2.57	.082	25	42	1.10	70	.01	3	.59	.01	.14	1	230
024815	4	16	51	271	.4	23	13	517	3.18	64	5	ND	16	97	1.8	38	2	57	1.79	.113	37	42	.86	219	.01	3	.89	.01	.16	1	10
024816	4	19	26	280	.3	14	8	498	3.23	59	5	ND	14	130	2.3	32	3	60	2.03	.094	31	57	.95	259	.10	2	1.49	.02	.39	1	13
024817	5	28	30	706	.9	30	11	512	3.49	117	5	ND	13	180	7.0	24	4	50	2.32	.092	30	47	.96	93	.01	3	.72	.01	.15	2	12
024818	4	13	26	116	.1	15	9	722	3.23	25	5	ND	18	237	.6	15	2	56	3.57	.097	41	48	1.10	328	.03	5	1.12	.02	.23	3	10
024819	5	13	24	96	.1	11	8	636	3.11	29	5	ND	19	149	.2	11	3	69	2.74	.088	43	75	1.23	818	.17	3	1.47	.04	.55	2	7
024820	6	18	26	145	.1	21	10	565	3.36	69	8	ND	20	60	.6	72	2	67	.53	.100	51	56	.79	5699	.02	2	1.91	.03	.28	1	7
024821	8	18	45	131	.1	20	11	697	3.33	70	5	ND	21	63	.3	55	4	60	.99	.102	55	45	.55	4839	.04	2	1.57	.02	.22	1	6
024822	7	16	18	88	.1	12	9	700	3.41	24	5	ND	18	88	.2	22	4	53	1.58	.101	50	47	.69	326	.02	5	1.28	.03	.19	1	5
024823	6	14	16	71	.2	11	7	554	2.90	32	11	ND	17	121	.2	15	2	36	2.12	.085	41	38	.64	132	.01	4	1.09	.02	.19	1	5
024824	5	12	15	53	.1	7	8	613	2.98	35	5	ND	16	129	.6	13	2	38	2.63	.091	40	31	.71	158	.01	3	1.09	.02	.12	1	10
024825	4	12	25	71	.1	9	8	644	3.32	33	5	ND	16	195	.2	17	2	37	2.98	.088	41	35	.88	118	.01	6	.97	.02	.14	1	6
024826	4	12	16	102	.1	9	7	590	2.92	18	5	ND	14	142	.8	13	5	35	2.66	.087	29	35	.70	140	.01	5	.98	.02	.15	1	3
STANDARD C/AU-R	20	64	43	134	7.1	69	32	1085	4.01	38	18	7	39	53	18.9	15	21	55	.48	.089	40	59	.88	180	.09	33	1.96	.06	.15	11	500

GOLDEN BERC 91-420

S. GOLDEN BERC 91-421

S. GOLDEN BERC 91-422

JUN-14-1991 8:31 FROM ACME ANALYTICAL TO NORANDA YT P.007

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
024827	5	15	61	193	.6	10	8	695	3.30	65	5	ND	9	171	1.1	11	2	33	2.53	.085	25	33	.94	243	.01	5	.58	.02	.16	1	5
024828	11	11	63	143	.4	12	8	708	3.10	17	5	ND	10	244	.4	6	2	30	3.33	.081	23	74	.84	272	.01	4	.59	.02	.18	1	4
024829	5	13	80	186	.5	11	8	662	2.95	38	5	ND	8	178	.3	7	2	42	3.01	.080	21	40	.95	117	.04	2	.72	.02	.25	1	1
024830	5	12	27	211	.2	8	7	521	2.89	35	5	ND	10	124	1.2	3	2	55	2.46	.089	31	50	.92	191	.10	2	.93	.03	.38	1	3
024831	5	11	16	186	.1	9	8	558	3.04	21	5	ND	9	179	1.0	2	2	56	2.87	.090	26	54	1.00	236	.09	2	1.13	.03	.36	1	5
024832	4	11	22	153	.1	9	8	573	3.07	21	5	ND	9	183	.7	6	2	61	2.97	.090	26	56	1.10	189	.09	3	1.39	.03	.36	1	5
024833	4	12	9	97	.2	10	8	661	3.15	19	5	ND	9	214	.3	9	2	41	3.10	.087	22	34	.96	203	.02	4	1.18	.02	.19	1	4
024834	4	8	24	88	.1	8	7	673	3.10	16	5	ND	10	278	.2	5	2	27	3.42	.084	22	34	.80	224	.01	4	.94	.02	.16	1	2
024835	3	5	27	86	.2	8	7	684	2.90	11	5	ND	8	322	.2	4	2	20	4.17	.073	22	28	.94	241	.01	5	.63	.01	.16	1	2
024836	3	5	26	110	.1	6	7	713	3.12	10	5	ND	9	315	.2	3	2	25	3.46	.083	20	28	.96	249	.01	2	.82	.02	.14	1	2
024837	4	14	18	98	.2	21	9	534	3.08	15	5	ND	9	283	.4	3	2	26	2.84	.066	22	26	.86	135	.01	7	.76	.02	.17	1	2
024838	4	36	22	351	.1	61	18	323	3.74	22	5	ND	8	143	2.3	7	3	23	.75	.031	32	20	.82	50	.01	7	.51	.01	.25	1	2
024839	10	42	16	506	.4	71	14	146	2.70	39	5	ND	5	217	4.8	9	2	35	.84	.048	21	30	.51	28	.01	8	.41	.01	.18	1	1
024840	11	43	10	404	.3	89	14	120	2.64	53	5	ND	4	209	2.2	10	2	43	.73	.053	19	30	.30	18	.01	9	.47	.01	.19	1	3
024841	9	40	15	174	.1	34	7	68	2.18	26	5	ND	7	98	.2	12	2	40	.15	.028	33	17	.09	1121	.01	5	.69	.02	.19	1	2
024842	9	13	28	93	.1	22	4	35	1.42	22	5	ND	8	86	.2	5	2	30	.04	.024	39	1	.03	1258	.01	8	.51	.01	.19	1	1
024843	7	29	20	340	.1	77	21	332	3.72	39	5	ND	12	88	2.0	10	2	38	.02	.036	38	1	.03	1256	.01	4	.56	.01	.16	2	2
024844	5	54	54	289	.1	64	21	325	3.38	61	5	ND	22	113	4.8	18	2	39	.02	.051	44	1	.02	1955	.01	2	.71	.01	.11	1	1
024845	4	42	63	193	.1	40	11	114	2.66	72	5	ND	25	123	4.0	21	2	52	.04	.063	47	1	.03	1833	.01	3	.61	.01	.13	1	3
024846	5	44	10	210	.1	67	20	501	3.41	43	5	ND	24	85	11.6	8	2	57	.59	.108	52	48	.54	864	.10	5	.90	.02	.42	1	3
024847	4	35	27	277	.3	107	28	891	4.11	61	5	ND	22	124	12.3	10	2	51	.67	.107	54	42	.46	671	.09	6	.77	.02	.45	1	3
024848	4	32	16	185	.1	65	20	808	4.05	36	5	ND	20	232	3.8	4	2	46	2.01	.105	44	42	.86	508	.09	3	.65	.02	.43	1	1
024849	3	42	11	216	.2	74	25	1182	5.21	63	5	ND	20	244	4.1	10	2	71	3.77	.148	51	48	1.27	636	.14	3	.87	.01	.49	1	1
024850	3	44	15	209	.1	50	20	892	5.31	20	5	ND	19	250	1.8	18	2	92	3.29	.136	45	77	1.83	136	.22	6	1.18	.02	.85	1	1
024851	3	30	15	156	.1	36	17	981	4.43	26	5	ND	21	419	.7	13	2	19	3.09	.092	39	27	1.09	129	.01	2	.38	.01	.15	1	1
024852	3	32	16	155	.2	36	16	1012	4.30	28	5	ND	20	424	.7	14	2	19	2.96	.099	36	32	1.19	58	.01	5	.39	.01	.17	1	1
024853	2	15	25	131	.2	24	13	831	3.63	138	5	ND	9	343	.6	15	3	10	2.78	.091	15	22	1.23	51	.01	6	.46	.01	.17	1	2
024854	3	20	17	113	.1	23	12	605	3.25	62	5	ND	9	307	.2	20	4	27	2.78	.066	24	35	1.15	164	.02	5	.66	.02	.25	1	2
024855	3	17	14	90	.1	21	11	637	3.31	8	5	ND	10	261	.2	4	2	44	2.86	.086	27	46	1.22	242	.04	4	.99	.02	.29	1	1
024856	3	19	11	92	.1	22	12	630	3.37	11	5	ND	10	255	.2	5	2	52	2.52	.088	25	48	1.26	288	.07	3	1.04	.02	.35	1	1
024857	3	18	49	133	.4	26	12	778	3.33	79	5	ND	8	341	.6	18	2	15	3.03	.060	16	31	1.25	35	.01	4	.44	.01	.21	1	7
024858	3	13	50	137	.6	19	11	767	3.56	149	5	ND	6	373	.8	25	2	10	3.26	.028	11	28	1.46	30	.01	6	.31	.01	.13	1	34
024859	2	16	21	117	.1	26	13	707	3.28	112	5	ND	9	344	.2	16	2	20	3.29	.083	19	32	1.23	65	.01	5	.51	.01	.19	1	7
024860	2	20	21	135	.1	18	11	661	3.13	64	5	ND	10	306	.2	11	2	18	3.07	.085	21	26	1.13	79	.01	5	.43	.02	.19	1	1
024861	3	20	62	162	.6	21	12	734	3.10	296	5	ND	9	272	.5	19	2	19	2.79	.083	17	30	1.06	48	.01	7	.50	.02	.19	1	32
024862	5	16	56	108	.6	17	10	706	3.18	152	5	ND	12	265	.2	25	2	35	2.82	.082	23	56	1.05	82	.04	8	.88	.03	.32	1	31
STANDARD C/AU-R	19	63	42	133	7.1	72	33	1049	3.98	39	17	7	37	52	18.6	15	21	55	.48	.091	37	57	.88	177	.09	34	1.89	.06	.15	11	520

S. GOLDEN BERC 91-422

S. GOLDEN BERC 91-423

JUN-14-1991 8:32 FROM ACME ANALYTICAL TO NORANDA YT P.008

NPLE#	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
4863	8	36	36	184	.2	37	7	94	3.37	74	5	ND	10	101	.6	68	2	46	.14	.035	32	1	.08	2645	.01	9	.68	.01	.15	1	7
4864	3	34	84	462	.4	68	16	183	5.64	397	5	ND	15	92	.5	23	2	24	.03	.028	41	1	.04	1665	.01	3	.70	.01	.13	3	48
4865	3	26	185	242	1.5	31	6	83	4.49	643	5	ND	14	127	.4	26	5	16	.03	.017	36	8	.03	575	.01	3	.55	.01	.13	1	73
4866	4	45	57	265	.8	50	15	369	4.69	770	5	ND	17	141	5.7	15	3	32	.32	.039	34	25	.11	172	.01	4	.62	.01	.19	1	58
4867	3	53	22	375	.1	82	30	1667	5.75	132	5	ND	24	263	4.8	20	2	88	2.58	.113	71	28	.69	1848	.01	2	.90	.01	.09	1	6
4868	3	42	39	379	.1	70	23	911	4.94	59	5	ND	22	195	2.5	15	2	69	1.80	.126	61	28	.58	1018	.02	6	.74	.01	.22	1	5
4869	3	29	38	349	.1	56	20	946	4.48	104	5	ND	22	121	2.6	17	2	57	1.04	.055	48	25	.21	934	.02	4	.82	.01	.15	1	4
4870	4	28	62	284	.2	47	17	956	4.42	96	5	ND	19	171	2.7	30	2	46	1.07	.036	37	31	.37	680	.01	2	.82	.01	.17	1	1
4871	3	26	28	241	.2	55	20	974	3.94	67	5	ND	20	196	1.4	23	2	48	1.67	.079	44	36	.52	519	.02	2	.69	.01	.19	1	8
4872	3	34	19	132	.2	41	14	736	3.63	228	5	ND	12	287	.6	12	3	23	2.25	.068	27	28	.85	258	.01	7	.52	.01	.21	1	22
4873	2	15	46	198	.2	31	13	932	3.48	127	5	ND	8	311	1.2	13	2	14	2.53	.025	18	21	.94	146	.01	3	.55	.01	.15	1	13
4874	2	16	121	235	.7	30	13	882	3.41	144	5	ND	11	196	1.3	14	2	27	1.88	.026	21	23	.67	199	.01	6	.65	.01	.12	1	23
4875	2	17	36	215	.1	18	13	959	3.65	148	5	ND	11	183	.7	15	3	32	1.90	.026	27	19	.71	598	.01	4	.62	.01	.11	1	12
4876	2	17	42	242	.2	24	16	1122	3.99	500	5	ND	9	134	.7	18	2	23	.78	.026	23	21	.44	315	.01	3	.61	.01	.14	1	140
4877	2	17	33	227	.1	21	15	988	3.36	24	5	ND	12	288	.7	6	2	34	2.61	.035	36	16	.77	882	.01	6	.80	.01	.17	1	16
4878	3	14	57	231	.6	14	11	764	3.57	185	5	ND	11	204	1.4	27	2	49	1.82	.033	29	14	.61	910	.01	2	.63	.01	.10	1	77
4879	2	11	31	236	.3	22	12	681	3.60	278	5	ND	11	185	1.1	22	2	51	1.26	.037	27	19	.54	510	.01	4	.63	.01	.09	1	130
4880	3	11	22	154	.1	14	11	904	3.56	31	5	ND	14	96	.8	4	2	64	1.62	.089	35	31	.70	339	.01	2	.44	.01	.09	1	11
4881	2	14	22	210	.3	17	12	690	3.63	31	5	ND	13	101	1.4	9	2	63	1.79	.091	34	27	.74	398	.01	2	.52	.01	.10	1	16
4882	2	15	29	152	.3	22	13	796	3.63	97	5	ND	11	144	.7	17	2	46	1.86	.036	21	34	.84	428	.01	2	.54	.01	.10	1	10
4883	2	16	33	129	.2	22	13	711	3.34	99	5	ND	10	136	.2	21	2	46	2.01	.018	18	32	.92	454	.01	2	.51	.01	.09	1	6
4884	2	19	27	106	.2	18	11	734	3.42	71	5	ND	9	167	.3	17	2	42	2.58	.028	19	27	1.11	576	.01	3	.45	.01	.09	1	11
4885	3	17	35	149	.4	20	12	754	3.19	316	5	ND	12	151	.6	17	2	31	2.26	.075	22	34	.88	156	.01	2	.48	.01	.15	1	110
4886	2	12	21	100	.1	17	11	637	2.82	44	5	ND	13	146	.4	14	2	35	2.39	.085	25	31	.72	118	.01	2	.74	.01	.13	1	18
4887	4	21	18	142	.3	29	14	721	3.07	951	5	ND	10	252	.5	22	2	27	2.52	.077	18	35	.92	128	.01	4	.53	.01	.16	1	650
4888	7	27	33	236	.4	51	12	604	3.29	780	5	ND	8	247	1.5	53	2	37	2.30	.035	21	45	.97	82	.01	5	.60	.01	.20	1	130
4889	3	12	24	99	.2	14	9	818	2.94	645	5	ND	12	273	.4	23	2	38	3.23	.045	29	36	1.19	201	.01	2	.58	.01	.11	1	390
4890	3	13	22	106	.2	15	10	885	3.16	296	5	ND	16	168	.3	12	2	61	3.48	.089	46	49	1.27	303	.01	3	.67	.01	.12	1	270
4891	2	13	28	113	.1	13	10	709	3.03	73	5	ND	17	114	.3	12	2	73	3.60	.098	56	35	1.38	477	.03	2	.74	.01	.15	1	25
4892	3	15	35	114	.4	11	9	591	3.03	27	5	ND	19	94	.6	7	2	74	2.15	.097	47	29	1.18	917	.13	2	1.19	.03	.47	1	12
ANDARD C/AU-R	18	59	38	135	7.4	72	33	1067	4.00	38	20	7	40	52	18.6	14	22	56	.49	.091	39	58	.89	178	.09	31	1.90	.06	.15	11	500

S. GOLDEN
BERC 91-424

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-036 File # 91-1733 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
024893	6	14	49	161	1.0	17	5	1436	2.08	994	5	2	4	190	.2	6170	2	27	1.25	.022	16	64	.38	578	.02	8	.75	.01	.08	2	2240
024894	5	20	245	558	.9	14	6	1622	2.41	1039	5	2	9	193	.7	332	2	30	1.68	.034	21	54	.38	710	.02	8	.90	.01	.09	2	1380
024895	4	19	55	217	.5	17	9	1188	3.14	880	5	ND	13	167	.3	73	2	44	1.86	.058	25	43	.35	836	.04	8	1.35	.01	.15	3	230
024896	3	18	47	185	.3	19	9	886	2.99	407	5	ND	15	129	.4	55	2	53	1.37	.069	29	45	.40	906	.03	6	1.24	.01	.04	2	90
024897	4	20	36	126	.8	13	9	1027	3.65	3761	5	3	10	167	.2	81	2	44	2.01	.021	15	52	.72	508	.02	7	.96	.01	.09	3	2730
024898	4	12	34	101	1.6	10	8	1014	3.35	7046	6	5	9	149	.5	86	2	40	2.04	.023	15	52	.80	441	.02	7	.88	.01	.09	2	5210
024899	3	20	28	90	.9	11	7	1005	3.43	3188	5	2	9	226	.2	55	2	32	2.91	.023	13	39	1.09	440	.03	11	1.08	.01	.16	3	2550
024900	2	19	23	87	.5	10	7	835	2.99	1290	5	ND	10	198	.3	33	2	35	3.08	.031	12	40	1.11	557	.03	10	1.18	.01	.16	3	820
024901	3	21	35	116	.3	16	10	491	2.26	128	5	ND	16	67	.2	40	2	53	1.73	.108	51	41	.52	322	.06	3	1.06	.01	.14	1	42
024902	3	16	46	117	.3	12	10	805	3.19	268	5	ND	15	82	.6	39	2	58	1.89	.100	47	42	.71	470	.05	3	1.07	.01	.14	3	100
024903	3	14	23	99	.2	10	8	521	3.25	181	5	ND	13	82	.3	52	2	69	1.71	.095	34	48	1.10	2038	.13	2	2.14	.02	.34	1	85
024904	4	17	34	112	.3	14	7	990	2.84	146	5	ND	13	239	.6	25	2	45	2.84	.103	39	43	1.08	469	.05	10	1.29	.02	.30	1	55
024905	3	20	51	189	.7	10	8	1337	3.15	584	5	ND	12	272	1.0	45	2	36	3.27	.070	26	39	1.21	226	.03	11	1.18	.01	.22	2	240
024906	3	14	40	140	.6	12	8	989	3.09	704	6	ND	13	303	.8	47	2	38	3.32	.067	30	29	1.21	336	.03	9	1.12	.01	.17	1	320
024907	5	22	44	119	.8	32	8	617	2.67	914	5	ND	7	260	.4	36	2	42	2.34	.025	16	29	.86	264	.02	14	.78	.01	.15	2	370
024908	8	34	26	223	1.0	65	9	414	2.50	1725	5	ND	3	224	1.1	25	2	60	1.45	.040	11	39	.63	180	.01	8	.47	.01	.11	1	780
024909	2	27	32	105	.4	23	9	772	3.08	1510	5	ND	11	413	.4	42	2	24	3.04	.058	20	25	1.19	239	.02	11	.89	.01	.17	1	280
024910	3	30	36	95	.3	20	11	879	3.47	353	7	ND	14	549	.4	35	2	21	3.53	.071	19	29	1.60	298	.01	15	1.05	.01	.23	2	73
024911	2	27	50	115	.4	19	11	922	3.43	132	8	ND	16	541	.7	17	2	22	3.60	.083	25	29	1.59	269	.02	15	1.11	.01	.24	2	32
024912	20	37	28	285	.5	50	9	730	2.70	83	5	ND	10	351	2.1	17	2	62	2.63	.077	21	36	1.09	181	.01	8	.54	.01	.12	1	19
024913	26	39	16	456	.9	68	5	154	1.38	78	5	ND	1	148	5.4	14	2	124	.73	.228	7	58	.13	151	.01	11	.42	.01	.09	1	10
024914	18	39	8	399	.9	53	3	99	1.21	58	5	ND	1	194	5.4	15	2	152	.87	.301	5	116	.10	178	.01	9	.36	.01	.06	1	11
024915	17	36	8	357	.9	44	3	71	1.21	50	5	ND	1	175	5.1	7	2	146	.71	.247	4	117	.08	169	.01	7	.29	.01	.04	1	10
024916	5	17	34	121	.3	16	11	742	3.68	261	5	ND	14	156	.2	33	2	47	.80	.076	47	39	.23	1106	.02	5	1.07	.01	.15	1	62
024917	6	19	32	110	.2	16	9	648	2.94	141	5	ND	15	89	.2	53	2	54	1.00	.102	54	52	.19	499	.01	2	.66	.01	.14	1	22
024918	6	23	23	124	.1	17	10	706	3.62	175	5	ND	16	51	.2	257	2	70	.40	.113	57	45	.08	485	.03	2	.89	.01	.16	1	26
024919	6	22	25	112	.4	15	10	971	4.40	1267	5	4	16	70	.2	299	2	66	.39	.093	54	46	.08	1110	.02	4	.79	.01	.13	1	4390
024920	4	19	27	116	.1	12	10	708	4.27	404	5	ND	15	44	.2	164	2	64	.57	.111	63	41	.19	1750	.02	3	.79	.01	.11	1	1260
024921	4	20	31	111	.1	13	10	682	3.21	122	5	ND	16	58	.2	68	2	64	1.08	.109	61	44	.51	2300	.04	2	1.36	.01	.21	1	370
024922	3	13	28	83	.1	11	9	509	2.74	54	5	ND	12	88	.3	54	2	57	2.14	.091	52	38	.72	10292	.08	2	2.34	.03	.36	1	97
024923	2	14	25	104	.2	10	8	590	3.30	70	5	ND	14	85	.2	53	3	73	1.70	.103	41	49	1.09	3368	.17	2	2.15	.04	.45	1	130
024924	4	21	28	108	.2	16	9	518	3.27	46	5	ND	14	83	.5	51	3	73	1.36	.105	45	59	1.06	2789	.17	2	2.38	.04	.55	1	82
024925	4	20	33	103	.3	10	8	609	3.12	70	5	ND	13	97	.3	33	2	75	1.55	.097	38	67	1.16	1893	.26	3	1.80	.07	.56	2	200
024926	4	20	19	94	.1	11	8	687	3.16	53	5	ND	14	101	.4	26	2	76	1.94	.104	39	70	1.17	1098	.25	2	1.67	.08	.48	3	37
024927	4	20	21	93	.2	11	8	681	3.12	35	5	ND	13	100	.2	17	2	78	1.83	.091	35	67	1.23	1076	.28	2	1.67	.08	.60	3	50
024928	4	18	31	101	.2	11	8	569	2.96	23	5	ND	13	95	.2	23	2	69	1.74	.093	42	61	1.08	2497	.23	2	1.97	.06	.61	1	26
STANDARD C/AU-R	18	63	41	131	6.9	70	34	1056	3.93	40	18	7	39	52	18.8	16	21	57	.47	.090	40	58	.87	171	.09	32	1.91	.06	.15	13	480

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 12 1991 **DATE REPORT MAILED:** June 18/91 **SIGNED BY.** D. Toye .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

GOLDEN BEAR 91-1735

GOLDEN BEAR 91-1926

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
024929	3	16	69	122	.2	13	11	513	2.94	87	5	ND	14	97	.4	39	2	75	1.32	.109	49	43	.99	4101	.16	3	2.15	.03	.47	1	150
024930	8	42	21	805	.5	99	14	440	3.30	581	7	ND	11	78	2.5	23	3	81	.37	.115	34	38	.26	903	.01	2	1.05	.01	.14	1	310
024931	11	33	24	360	.6	40	7	273	1.93	301	5	ND	7	141	3.1	15	2	132	.55	.088	25	42	.29	450	.02	13	.90	.01	.22	1	130
024932	15	33	19	70	1.3	16	2	136	.89	183	5	ND	2	334	1.1	5	2	162	.16	.129	6	112	.04	874	.01	10	.46	.01	.14	1	14
024933	18	40	20	163	1.2	39	2	480	1.31	282	5	ND	3	353	1.4	7	2	256	.21	.171	8	124	.05	427	.01	16	.71	.01	.19	1	82
024934	11	33	17	123	1.0	28	3	200	1.24	238	5	ND	3	157	1.1	9	2	89	.11	.061	13	54	.05	155	.01	11	.45	.01	.16	1	410
024935	8	29	23	834	.4	150	13	283	2.53	319	5	ND	7	169	3.4	8	2	64	.65	.074	26	36	.30	680	.01	7	.77	.01	.12	1	96
024936	4	18	16	962	.1	201	18	535	3.13	122	5	ND	14	76	1.4	9	2	55	1.00	.103	39	43	.72	201	.01	5	1.28	.01	.11	1	10
024937	3	13	23	818	.3	106	13	496	3.19	621	7	ND	13	122	.4	14	2	56	1.19	.085	40	41	1.00	53	.01	6	1.42	.01	.13	1	380
024938	3	10	19	556	1.0	48	10	949	3.16	1777	5	ND	8	262	1.1	13	2	23	2.80	.020	16	29	1.01	46	.01	4	.48	.01	.09	1	1680
024939	10	14	8	395	1.2	44	7	827	2.37	720	5	ND	4	259	1.9	9	2	63	2.87	.056	10	74	1.05	40	.01	5	.36	.01	.06	1	1050
024940	17	55	7	507	2.1	68	5	517	1.66	507	5	ND	2	390	3.0	11	2	239	2.44	.545	11	126	.57	43	.01	8	.81	.01	.07	1	270
024941	16	98	25	699	3.5	152	5	363	1.29	234	5	ND	2	404	4.3	14	2	242	3.07	.899	14	177	.58	41	.01	10	.78	.01	.10	1	110
024942	8	33	33	323	1.8	36	7	643	2.45	981	5	ND	6	230	2.1	13	2	57	2.93	.155	14	74	.95	32	.01	6	.74	.01	.13	1	1060
024943	6	62	12	427	2.1	95	4	572	1.63	160	5	ND	2	288	1.7	6	2	88	3.82	.444	9	89	1.20	46	.01	7	.59	.01	.08	1	86
024944	4	31	4	200	1.9	42	3	1112	2.09	104	5	ND	2	241	1.1	5	2	72	7.19	.169	6	51	2.57	62	.01	2	.32	.01	.05	1	84
024945	7	93	8	365	2.6	85	4	751	1.51	91	5	ND	2	415	1.1	8	2	101	8.63	1.028	11	124	2.66	52	.01	10	.72	.01	.09	1	28
024946	3	15	15	178	.3	32	12	372	3.29	41	5	ND	18	51	.2	5	2	87	.50	.106	46	68	1.45	3085	.05	4	2.25	.02	.17	1	9
024947	3	16	22	250	.1	36	12	366	2.87	48	5	ND	16	80	.2	5	2	77	.44	.096	43	58	1.01	6600	.10	2	2.38	.03	.42	1	7
024948	5	23	18	135	.4	25	13	904	3.48	78	5	ND	20	126	.4	12	2	24	3.15	.094	57	37	.29	390	.01	8	.50	.01	.16	1	2
024949	5	21	19	111	.2	22	13	837	3.38	47	5	ND	19	372	.4	10	4	22	3.52	.091	43	44	1.15	387	.01	9	.61	.01	.20	1	6
024950	4	24	25	117	.4	18	12	866	3.17	37	5	ND	19	492	.2	10	2	16	3.51	.087	32	36	1.11	102	.01	6	.42	.01	.20	1	3
024951	3	24	31	139	.2	19	10	820	3.25	44	5	ND	19	519	.3	8	2	16	3.23	.090	32	26	1.19	100	.01	2	.37	.01	.16	1	6
024952	3	23	23	104	.4	18	10	717	2.95	48	5	ND	14	359	.2	9	2	33	2.98	.091	36	33	1.16	50	.04	3	.98	.01	.31	1	7
024953	4	16	42	159	.3	9	9	603	2.90	21	5	ND	13	176	.3	9	2	73	2.39	.089	35	54	1.21	812	.19	3	2.06	.04	.61	1	4
024954	3	17	27	113	.1	11	9	498	3.06	14	5	ND	13	145	.3	7	2	80	1.94	.088	36	52	1.24	2147	.19	2	2.25	.04	.57	1	4
024955	3	15	28	122	.2	21	9	487	2.92	31	6	ND	11	98	.2	15	2	71	2.46	.080	34	39	.87	81	.09	3	1.55	.02	.35	1	4
024956	16	63	18	693	.7	126	12	95	2.38	109	5	ND	3	172	8.0	13	2	167	.35	.097	12	33	.13	22	.01	11	.47	.01	.18	1	5
024957	19	54	16	605	.9	121	10	103	2.23	104	5	ND	3	178	6.7	10	2	234	.52	.146	12	56	.15	16	.01	15	.65	.01	.22	1	34
024958	33	88	11	1158	1.1	127	5	128	1.08	87	5	ND	1	245	17.9	9	2	545	1.21	.364	9	94	.21	44	.01	14	.48	.01	.14	1	5
024959	38	85	16	1056	1.4	120	5	73	1.14	119	5	ND	2	213	16.0	10	2	610	.88	.284	10	157	.16	46	.01	21	.64	.01	.17	1	5
024960	29	80	11	1045	1.1	107	5	80	1.00	99	5	ND	1	202	15.6	10	2	506	.95	.293	7	82	.18	62	.01	15	.42	.01	.12	1	8
024961	33	92	17	990	1.6	111	5	106	1.47	82	8	ND	1	253	14.7	9	2	415	.97	.332	9	84	.20	35	.01	9	.55	.01	.14	1	8
024962	9	15	19	106	.3	19	3	26	1.59	148	5	ND	6	179	.3	44	2	54	.12	.044	25	40	.04	447	.01	10	.46	.01	.23	1	16
024963	8	24	49	206	.6	33	8	141	2.84	692	5	ND	8	82	2.2	313	3	45	.09	.035	22	42	.03	655	.01	6	.50	.01	.12	1	610
024964	4	34	41	250	.3	60	16	816	3.69	631	5	ND	11	73	4.3	199	2	31	.18	.037	24	29	.07	581	.01	5	.69	.01	.08	1	450
STANDARD C/AU-R	19	58	36	130	6.9	70	31	1038	3.92	39	17	8	40	52	18.4	15	22	55	.47	.091	39	58	.86	177	.09	33	1.87	.06	.15	12	480

GOLDEN BERC 91-426
GOLDEN BERC 91-427
GOLDEN BERC 91-428
GOLDEN BERC 91-429

GOLDEN BEAR 91-429

GOLDEN BEAR 91-430

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
024965	3	17	40	224	.2	31	15	881	3.44	253	5	ND	10	92	1.5	73	2	43	1.11	.040	19	32	.47	607	.01	6	.48	.01	.06	1	41
024966	3	14	63	172	.1	26	12	1013	3.12	575	5	ND	7	178	.6	41	2	21	2.51	.030	14	26	.86	163	.01	5	.44	.01	.10	1	62
024967	2	15	58	212	.3	27	13	990	3.29	339	5	ND	9	279	.6	30	2	17	3.54	.051	16	23	1.21	211	.01	3	.38	.01	.09	1	17
024968	9	34	31	334	.1	79	16	347	3.06	87	5	ND	4	127	2.0	18	2	46	.78	.060	21	27	.39	29	.01	7	.53	.01	.18	1	16
024969	10	30	66	325	.6	78	14	307	2.65	177	5	ND	4	130	1.6	20	2	51	.66	.068	16	26	.31	41	.01	8	.52	.01	.16	1	42
024970	6	22	38	249	.2	51	12	636	3.01	401	5	ND	6	149	1.0	20	2	48	1.38	.053	18	22	.59	82	.01	3	.52	.01	.10	1	380
024971	7	32	26	205	.5	57	13	501	3.01	147	5	ND	6	142	1.2	24	2	51	1.83	.048	16	37	.78	54	.01	2	.48	.01	.12	1	73
024972	12	36	28	254	.3	101	16	222	2.97	129	5	ND	4	75	1.2	28	2	51	.50	.032	20	25	.24	28	.01	10	.43	.01	.16	1	15
024973	10	34	24	224	.2	89	15	254	2.51	144	5	ND	6	61	1.0	31	2	43	.52	.034	25	19	.25	52	.01	7	.45	.01	.16	1	25
024974	6	22	31	168	.2	44	11	561	3.00	99	5	ND	12	83	.6	24	2	63	1.44	.075	37	34	.58	213	.01	4	.53	.01	.09	1	19
024975	6	7	28	132	.1	32	16	1097	4.00	297	5	ND	10	131	.8	190	2	20	.14	.071	39	26	.07	1527	.01	5	.65	.01	.15	1	27
024976	5	6	33	164	.4	20	15	845	3.79	489	5	ND	14	98	1.3	227	2	16	.29	.098	41	24	.08	867	.01	8	.49	.01	.16	1	49
024977	3	13	34	162	.1	19	13	759	3.78	588	5	ND	12	54	1.1	68	2	10	.20	.091	43	21	.05	705	.01	10	.43	.01	.18	1	93
024978	8	23	30	70	.3	21	6	138	2.46	252	5	ND	6	179	.4	33	2	301	.15	.047	27	29	.06	1589	.01	9	.55	.01	.19	1	35
024979	8	12	36	45	.6	13	3	21	1.72	67	5	ND	5	194	.2	39	2	84	.09	.058	24	25	.05	722	.01	12	.56	.01	.23	1	37
024980	5	19	29	298	.3	42	20	972	3.52	126	5	ND	11	104	1.1	53	2	26	1.19	.098	25	35	.33	454	.01	7	.60	.01	.12	1	22
024981	3	16	36	219	.3	21	17	971	3.17	203	5	ND	12	135	.7	27	2	33	2.06	.095	27	36	.65	151	.01	2	.40	.01	.08	1	40
024982	4	16	55	161	.4	23	13	1085	3.18	1053	5	ND	10	272	.4	53	2	34	2.96	.082	20	38	1.01	85	.01	5	.44	.01	.11	1	1670
024983	3	12	24	142	.1	20	13	880	3.18	737	5	ND	9	287	.2	60	2	28	3.30	.075	19	34	1.11	114	.01	4	.52	.01	.10	1	770
024984	5	26	46	154	.9	46	14	847	3.04	329	5	ND	8	260	1.2	78	2	52	2.98	.051	17	36	1.06	62	.01	8	.48	.01	.12	1	380
024985	11	33	21	323	.6	95	15	229	2.99	78	5	ND	3	115	2.0	51	2	54	.32	.037	16	21	.18	31	.01	11	.43	.01	.14	1	14
024986	10	23	24	204	.5	63	11	603	2.78	126	5	ND	5	302	.9	26	2	42	2.16	.064	15	28	.79	40	.01	8	.43	.01	.12	1	22
024987	4	19	46	162	.4	25	13	873	3.13	163	5	ND	12	309	.8	24	2	39	3.45	.094	32	34	1.09	79	.01	8	.57	.01	.16	1	38
024988	3	16	39	184	.3	21	13	920	3.23	160	5	ND	14	216	.9	27	2	52	3.40	.094	44	35	1.23	274	.02	3	.74	.01	.17	1	56
024989	4	17	30	106	.2	17	11	726	3.31	46	5	ND	14	150	.5	12	2	62	2.60	.096	49	48	1.07	512	.03	4	.88	.02	.17	1	14
024990	3	14	46	119	.2	12	10	658	2.92	35	5	ND	13	136	.2	8	2	60	2.56	.098	43	47	.97	677	.05	4	.86	.03	.19	1	25
024991	4	14	54	115	.3	16	10	760	3.16	28	5	ND	15	150	.7	9	4	59	3.13	.096	51	45	1.18	594	.03	8	.95	.02	.18	1	8
024992	4	15	24	100	.1	13	9	665	3.09	24	5	ND	13	139	.2	5	2	61	2.50	.093	44	62	1.14	585	.04	4	.95	.03	.24	1	10
024993	4	14	27	101	.1	13	9	597	2.86	37	5	ND	13	159	.4	6	2	62	2.15	.090	39	55	1.00	692	.10	2	1.05	.04	.30	1	10
024994	4	16	27	101	.2	15	9	623	2.88	54	5	ND	11	177	.3	8	2	66	2.68	.091	35	49	1.05	530	.12	2	1.15	.03	.31	1	21
024995	3	17	28	103	.2	14	10	596	3.00	46	5	ND	13	192	.6	8	2	63	2.62	.098	40	47	1.08	548	.10	2	1.31	.03	.35	1	12
024996	4	16	24	119	.2	9	10	565	2.77	30	5	ND	16	144	.5	11	2	50	2.75	.105	46	37	.95	354	.01	5	.89	.02	.14	1	11
024997	3	17	204	423	1.2	14	10	880	3.07	71	5	ND	13	274	3.7	29	2	39	4.15	.095	34	40	1.31	84	.01	5	.47	.01	.12	1	41
024998	3	19	30	116	.1	12	10	582	2.80	34	5	ND	15	164	.5	9	2	57	2.82	.104	49	41	1.09	416	.02	2	1.09	.02	.18	1	13
024999	3	17	30	107	.1	13	11	592	3.03	47	5	ND	13	133	.8	6	2	66	2.26	.091	40	50	1.05	696	.12	4	1.46	.04	.31	1	28
025000	3	16	32	104	.3	15	9	607	3.04	35	5	ND	14	171	.3	9	2	62	2.92	.091	40	49	1.18	710	.11	2	1.53	.03	.31	1	17
STANDARD C/AU-R	18	58	40	131	7.1	69	31	1037	3.90	37	21	6	36	54	18.4	15	17	56	.48	.089	37	58	.84	174	.09	31	1.83	.06	.15	12	450

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
028501	3	16	28	115	.3	9	10	537	3.03	24	5	ND	14	126	.2	9	5	66	2.17	.090	36	46	1.13	1827	.12	2	1.70	.03	.30	1	20
028502	3	13	29	119	.3	18	9	634	2.94	89	6	ND	12	168	.7	17	2	62	2.85	.082	33	38	1.06	548	.08	2	1.64	.02	.23	1	61
028503	3	14	27	109	.1	12	7	552	3.06	30	5	ND	12	137	.2	4	2	71	2.28	.085	33	49	1.19	1081	.17	2	1.62	.03	.20	1	16
028504	3	12	21	101	.1	9	7	526	3.09	42	5	ND	11	120	.5	6	2	78	1.83	.083	28	51	1.29	645	.19	4	1.72	.03	.34	2	16
028505	3	13	24	102	.1	11	8	549	3.02	34	5	ND	10	91	.3	10	2	69	2.17	.084	30	45	1.26	415	.10	2	1.61	.02	.24	1	8
028506	6	23	19	121	.2	35	9	421	2.70	45	8	ND	8	103	.7	20	2	53	1.73	.074	28	32	.78	150	.02	2	1.07	.01	.14	1	4
028507	11	29	14	242	.4	85	12	928	2.78	42	5	ND	4	97	1.1	11	2	37	.54	.054	18	18	.22	47	.01	9	.43	.01	.16	1	4
028508	12	29	10	219	.2	85	11	138	2.31	62	5	ND	3	136	1.8	12	2	49	.55	.074	15	19	.22	49	.01	10	.42	.01	.16	1	1
028509	3	39	15	462	.1	80	21	215	4.05	22	5	ND	2	50	2.4	4	2	33	.14	.036	3	13	.05	734	.01	4	.60	.01	.19	1	5
028510	13	30	19	264	.3	43	9	75	3.04	28	5	ND	2	132	1.4	6	2	59	.13	.052	4	12	.05	964	.01	9	.58	.01	.20	1	6
028511	12	44	9	251	.3	45	10	105	3.10	31	5	ND	2	165	.9	4	2	62	.09	.057	3	14	.05	874	.01	8	.56	.01	.20	1	6
028512	17	22	16	88	1.4	41	3	137	1.59	25	5	ND	2	370	2.5	5	2	125	.15	.095	4	33	.04	446	.01	15	.54	.01	.24	1	2
028513	17	28	9	82	.7	25	3	48	2.63	33	5	ND	1	362	.6	4	2	102	.10	.132	3	36	.04	549	.01	11	.50	.01	.20	1	1
028514	11	16	15	64	.1	19	4	34	2.27	31	5	ND	1	131	.5	3	2	57	.11	.056	4	22	.07	1643	.01	16	.70	.01	.20	1	1
028515	18	35	16	102	1.7	44	2	211	1.84	22	6	ND	1	402	.5	8	2	190	.20	.106	4	47	.04	1269	.01	12	.51	.01	.17	1	1
028516	14	21	18	143	.5	37	6	82	1.93	24	5	ND	2	156	1.1	6	2	77	.16	.049	4	27	.06	1547	.01	16	.65	.01	.21	1	2
028517	14	22	20	126	.4	26	5	26	2.24	45	5	ND	2	150	.6	5	2	64	.12	.059	4	19	.05	1267	.01	12	.55	.01	.16	1	1
028518	18	66	17	446	.3	107	14	29	2.33	57	5	ND	1	154	4.4	6	2	72	.25	.097	3	33	.08	70	.01	13	.82	.01	.21	1	1
028519	13	271	13	620	.4	307	18	95	2.58	70	5	ND	1	183	6.1	5	2	61	.47	.093	3	22	.27	50	.01	8	1.33	.01	.22	1	1
028520	9	126	17	754	.6	310	21	155	2.93	51	5	ND	2	111	15.5	7	2	47	.29	.057	4	17	.30	37	.01	9	1.23	.01	.20	1	1
028521	14	56	19	701	.4	149	27	142	2.86	57	5	ND	2	146	35.2	5	2	49	.16	.048	6	18	.18	104	.01	4	.85	.01	.21	1	1
028522	7	20	27	296	.2	60	14	428	3.69	139	5	ND	15	58	1.8	166	2	65	.36	.102	43	40	.22	859	.03	5	1.02	.01	.19	1	13
028523	8	17	21	329	.1	74	18	642	3.94	333	5	ND	17	50	1.8	270	2	56	.22	.084	40	42	.05	617	.01	2	.61	.01	.09	6	3
028524	10	34	31	385	.6	105	22	602	4.87	1057	10	ND	17	89	3.2	412	3	44	.14	.066	47	39	.05	1605	.01	4	.68	.01	.13	1	500
028525	5	21	34	264	.4	58	21	962	4.35	713	5	ND	17	180	1.3	171	2	61	.05	.066	37	41	.03	1572	.01	5	.77	.01	.05	1	980
028526	6	18	39	336	.4	65	20	825	4.29	595	5	ND	16	101	1.1	173	2	64	.08	.047	28	40	.03	1139	.01	5	.67	.01	.06	1	410
028527	6	19	79	396	.3	74	24	1115	4.75	481	5	ND	13	84	1.0	141	2	45	.06	.039	26	30	.02	951	.01	7	.61	.01	.09	2	89
028528	6	16	37	274	.3	43	11	224	4.40	1024	5	ND	12	77	.5	157	2	37	.06	.033	26	34	.02	756	.01	4	.53	.01	.09	2	260
028529	9	20	32	142	.8	34	9	120	3.08	911	6	ND	4	152	1.4	95	2	43	.10	.054	25	34	.03	1391	.01	5	.57	.01	.18	1	450
028530	5	20	43	71	1.3	16	6	57	2.01	498	5	ND	6	147	1.8	35	2	26	.08	.055	28	37	.03	1313	.01	10	.52	.01	.20	1	630
028531	10	25	42	103	.2	21	5	48	2.42	154	9	ND	4	92	.2	31	2	48	.10	.039	22	24	.04	1139	.01	9	.52	.01	.21	1	25
028532	8	23	19	68	.1	12	3	25	2.42	64	5	ND	3	102	.2	16	2	43	.12	.042	23	13	.04	962	.01	8	.45	.01	.18	1	21
028533	11	27	21	80	.3	19	5	64	2.56	90	5	ND	4	116	.9	16	2	65	.14	.041	18	20	.05	1312	.01	8	.59	.01	.19	1	33
028534	7	41	17	211	.1	44	7	63	3.63	44	5	ND	2	117	.6	5	2	60	.13	.044	8	16	.05	1101	.01	5	.67	.01	.17	1	12
028535	4	13	26	205	.2	31	18	801	3.92	176	5	ND	15	77	.7	27	3	38	.58	.030	31	39	.06	774	.01	4	.49	.01	.10	10	9
028536	5	15	27	344	.2	57	18	668	4.25	730	5	ND	16	72	1.5	38	2	35	.23	.033	36	37	.05	653	.01	5	.49	.01	.10	1	320
STANDARD C/AU-R	18	59	40	131	7.3	70	31	1042	3.93	36	15	8	38	52	16.4	15	22	55	.48	.090	38	58	.87	177	.09	31	1.88	.06	.15	11	480

GOLDEN BEAR 91-430

GOLDEN BEAR 91-431

GOLDEN BEAR 91-432

GOLDEN BEAR 91-433

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
028537	3	15	24	251	.2	42	16	651	3.61	399	5	ND	18	61	1.7	13	2	47	.50	.092	49	40	.04	532	.01	4	.51	.01	.10	2	130
028538	4	16	32	499	.8	74	21	660	5.91	998	5	ND	18	100	3.0	28	2	42	.19	.054	55	34	.04	709	.01	8	.65	.01	.10	2	540
028539	4	18	42	416	.4	61	18	781	5.66	623	6	ND	16	101	2.2	39	2	49	.42	.059	50	38	.06	703	.01	3	.58	.01	.08	2	410
028540	4	15	46	387	.3	53	16	776	5.30	264	5	ND	18	117	1.6	17	2	57	.38	.043	36	43	.06	835	.01	7	.68	.01	.07	2	70
028541	4	12	27	402	.3	56	18	748	5.18	217	5	ND	17	94	1.8	17	2	58	.58	.038	32	40	.05	723	.01	5	.58	.01	.06	2	38
028542	4	13	30	424	.2	60	16	581	4.51	160	5	ND	17	94	1.1	15	2	54	.57	.047	32	40	.06	707	.01	6	.67	.01	.07	1	13
028543	4	12	26	552	.6	70	18	500	5.14	145	5	ND	19	103	1.6	18	2	57	.55	.061	41	40	.05	736	.01	5	.69	.01	.07	1	8
028544	4	14	30	389	.1	54	14	501	4.28	126	5	ND	16	99	1.1	11	2	57	1.09	.041	32	39	.13	710	.01	6	.67	.01	.06	1	3
028545	4	14	24	372	.1	55	14	543	4.15	125	5	ND	16	93	1.6	9	2	49	1.48	.038	31	32	.18	742	.01	6	.52	.01	.07	1	10
028546	6	21	38	345	.5	52	12	255	3.47	112	7	ND	12	112	1.1	16	2	46	.48	.051	33	26	.06	1137	.01	8	.52	.01	.14	1	4
028547	12	19	18	141	.9	28	5	364	1.94	35	5	ND	6	197	.5	14	2	99	.17	.067	23	44	.05	773	.01	8	.61	.01	.22	1	1
028548	9	22	25	171	.3	26	5	55	2.52	42	5	ND	6	135	.3	10	2	64	.15	.054	25	21	.05	1055	.01	12	.52	.01	.20	1	1
028549	9	25	18	87	.2	24	4	34	1.96	24	5	ND	5	116	.3	10	2	66	.14	.037	23	24	.05	1166	.01	11	.51	.01	.22	1	3
028550	10	16	15	101	.3	23	4	43	1.91	34	5	ND	7	114	.2	10	2	46	.13	.037	28	27	.04	1188	.01	11	.50	.01	.22	1	1
028551	14	34	15	160	.5	25	5	57	2.27	38	5	ND	7	124	.2	24	2	52	.09	.060	27	56	.04	1356	.01	13	.55	.01	.20	1	1
028552	6	50	14	175	.2	31	8	101	2.98	23	5	ND	7	91	.2	7	2	51	.01	.033	31	21	.03	1017	.01	11	.66	.01	.23	1	1
028553	8	91	14	334	.3	88	14	160	3.83	27	5	ND	7	79	.2	6	2	64	.01	.033	27	26	.02	1404	.01	9	.89	.01	.17	1	2
028554	5	14	11	166	.3	37	13	697	3.71	41	5	ND	17	35	.5	12	2	60	.37	.096	56	53	.35	519	.02	2	1.21	.01	.16	1	1
028555	4	17	20	173	.1	31	14	717	3.94	288	5	ND	18	30	.5	11	2	48	.32	.105	54	35	.05	586	.01	5	.55	.01	.11	1	1
028556	4	11	22	270	.1	54	18	841	4.36	112	9	ND	18	28	.5	13	2	27	.34	.106	56	37	.07	333	.01	7	.67	.01	.16	1	3
028557	5	11	25	237	.1	45	16	1258	4.24	120	9	ND	18	78	1.2	12	2	13	.30	.100	52	32	.04	630	.01	5	.44	.01	.16	1	7
028558	4	10	23	211	.1	39	15	699	3.57	71	5	ND	18	44	1.0	8	2	30	.42	.103	49	43	.04	469	.01	7	.50	.01	.16	1	1
028559	4	15	15	246	.5	46	14	671	3.92	473	6	ND	19	77	1.3	13	2	48	.39	.068	45	46	.04	856	.01	8	.59	.01	.11	1	720
028560	4	14	31	343	.3	67	15	553	4.09	355	6	ND	18	97	1.5	17	2	44	.10	.040	40	37	.03	1839	.01	8	.64	.01	.09	1	280
028561	4	15	32	315	.2	61	15	830	4.05	209	5	ND	15	82	1.1	17	2	49	.27	.050	30	47	.03	698	.01	8	.73	.01	.08	1	59
028562	3	14	31	302	.4	50	18	1299	4.11	236	5	ND	14	82	1.1	12	2	48	.66	.028	23	39	.05	733	.01	3	.60	.01	.07	1	60
028563	4	15	20	249	.2	40	14	892	3.59	119	5	ND	15	79	.9	8	2	47	1.08	.032	24	52	.07	712	.01	5	.63	.01	.09	1	18
028564	6	17	19	173	.2	27	9	374	2.99	110	5	ND	10	111	.5	11	2	49	.46	.059	31	34	.05	1004	.01	7	.53	.01	.18	1	8
028565	8	26	24	156	.2	26	5	49	2.89	70	5	ND	6	122	.2	14	2	45	.17	.039	23	15	.05	1220	.01	8	.52	.01	.20	1	4
028566	12	25	14	132	.4	25	5	29	2.55	41	5	ND	6	135	.2	10	2	64	.16	.049	22	31	.05	1556	.01	11	.62	.01	.24	1	1
028567	7	37	19	494	.2	71	21	940	3.69	124	6	ND	16	53	4.6	108	2	48	.34	.101	55	60	.10	989	.01	4	1.00	.01	.14	1	8
028568	5	12	23	232	.2	37	12	787	3.38	59	5	ND	18	56	2.2	53	2	58	.64	.103	51	66	.52	442	.01	2	1.18	.03	.18	1	9
028569	4	12	14	238	.1	45	13	689	3.32	58	5	ND	18	53	1.5	86	2	70	.53	.095	51	64	.76	438	.05	5	1.42	.04	.25	1	1
028570 (DUP)	5	16	20	291	.2	57	14	540	3.69	109	5	ND	18	57	.9	250	2	86	.43	.101	53	79	.90	751	.20	3	1.90	.05	.62	1	2
028571	5	13	21	285	.1	51	14	527	3.61	108	7	ND	18	54	.8	259	2	85	.42	.099	52	75	.88	748	.20	3	1.83	.05	.61	1	1
028571	5	22	25	344	.6	56	12	526	3.99	211	7	ND	19	55	.7	486	2	78	.45	.102	59	75	.87	576	.13	7	1.95	.04	.46	1	10
STANDARD C/AU-R	18	60	41	138	7.2	72	33	1054	4.02	40	23	7	39	52	18.5	14	18	55	.49	.090	38	60	.91	173	.09	35	1.87	.06	.15	11	460

GOLDEN BEAR 91-433.

GOLDEN BEAR 91-434

GOLDEN BEAR 91-435

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
028572	7	43	77	495	.7	65	12	490	5.06	496	5	ND	15	41	1.4	1419	2	61	.44	.104	62	45	.55	431	.02	3	1.36	.01	.20	1	26
028573	6	36	58	601	.7	61	12	485	4.65	472	5	ND	15	43	1.4	1039	2	62	.40	.104	51	46	.67	525	.01	4	1.37	.01	.15	1	25
028574	6	37	45	338	.6	54	13	396	4.42	482	5	ND	16	38	.7	943	2	58	.40	.103	47	51	.72	275	.01	6	1.36	.02	.15	1	16
028575	7	64	46	438	.8	69	17	359	6.10	1048	5	ND	22	40	.6	2108	2	48	.35	.085	53	29	.49	483	.01	4	1.05	.01	.12	2	52
028576	5	15	22	149	.1	34	12	529	3.37	152	5	ND	15	58	.2	248	2	75	.67	.101	49	70	.89	399	.06	2	1.39	.04	.26	1	15
028577	4	13	14	114	.1	21	10	561	3.25	72	5	ND	14	102	.2	137	2	81	1.45	.097	44	59	1.06	585	.12	2	1.45	.05	.41	1	27
028578	4	13	21	131	.5	23	12	610	3.24	164	5	ND	15	80	.2	432	2	74	1.34	.099	47	57	.88	535	.11	3	1.31	.04	.38	1	75
028579	4	11	19	134	.1	25	13	639	3.36	77	5	ND	15	81	.2	185	2	81	1.15	.101	48	57	.96	920	.10	2	1.50	.04	.34	1	14
028580	5	11	24	111	.1	24	13	601	3.50	151	5	ND	17	66	.2	465	2	72	1.11	.103	60	55	.47	762	.09	4	1.17	.03	.37	1	150
028581	5	23	23	210	.7	34	14	717	4.00	932	5	ND	16	79	.2	1045	2	59	.34	.090	57	29	.07	774	.01	2	.76	.01	.10	1	840
028582	4	34	42	223	2.1	40	13	461	4.10	1361	5	ND	11	123	.2	2437	2	31	.72	.029	34	16	.10	861	.01	8	.58	.01	.10	1	1650
028583	8	37	36	282	.6	40	12	164	4.20	1027	5	ND	11	108	.7	1825	2	52	.10	.029	23	23	.04	971	.01	6	.70	.01	.13	2	250
028584	10	21	19	60	.9	13	3	23	1.91	854	5	ND	5	170	.2	222	2	53	.13	.023	23	1	.05	1016	.01	8	.43	.01	.20	1	300
028585	6	42	22	208	2.0	44	15	387	3.19	6046	5	ND	3	264	.9	44	2	38	1.10	.021	12	29	.51	79	.01	7	.53	.01	.17	1	4160
028586	4	20	64	358	1.8	24	8	460	3.33	2177	5	4	13	86	1.6	106	2	27	.09	.031	41	10	.05	866	.01	8	.52	.01	.14	1	3520
028587	5	13	50	177	1.4	14	3	69	2.46	1273	5	6	6	145	.2	80	2	32	.07	.023	26	22	.02	804	.01	5	.69	.01	.08	1	4560
028588	8	11	16	141	2.0	21	5	204	2.36	1647	5	12	6	78	.2	27	2	15	.06	.016	24	68	.02	644	.01	6	.39	.01	.06	1	10800
028589	5	12	23	152	1.1	30	12	756	3.74	1156	5	2	13	68	.2	19	2	17	.06	.047	41	17	.02	1010	.01	9	.43	.01	.08	1	2560
028590	4	11	30	163	.7	27	14	1024	3.80	1809	5	ND	14	75	.2	15	2	20	.12	.046	41	1	.03	1658	.01	7	.41	.01	.10	1	2250
028591	4	10	32	240	.5	31	14	674	4.20	1202	5	ND	17	98	.2	14	2	26	.16	.084	45	1	.03	1865	.01	6	.43	.01	.13	1	1120
028592	4	13	29	212	.3	31	14	769	4.03	1531	5	ND	17	106	.2	16	2	35	.48	.092	48	18	.05	790	.01	6	.50	.01	.12	1	1130
028593	4	13	41	168	.2	24	12	813	3.49	573	5	ND	13	134	.2	11	2	34	1.79	.042	23	14	.20	873	.01	4	.43	.01	.09	1	250
028594	5	29	57	475	1.2	30	14	1047	3.97	2206	5	ND	14	83	2.9	19	2	26	.16	.067	32	9	.03	1205	.01	7	.45	.01	.09	5	3250
028595	5	18	49	452	.3	52	18	906	4.47	639	5	ND	17	73	1.6	14	2	49	.57	.093	44	27	.06	771	.01	6	.63	.01	.11	1	490
028596	4	22	58	450	.7	53	16	867	4.45	1010	6	ND	14	72	2.7	18	2	51	.33	.044	27	24	.05	1024	.01	7	.60	.01	.08	2	1470
028597	6	16	32	452	.1	77	16	717	4.31	409	5	ND	12	67	2.0	15	2	51	.09	.023	19	32	.04	993	.01	4	.65	.01	.07	4	370
028598	6	20	33	357	.1	83	18	828	3.86	275	5	ND	12	65	1.8	9	2	52	.07	.023	22	40	.04	706	.01	4	.67	.01	.10	2	540
028599	9	34	22	140	.2	27	5	60	2.34	84	5	ND	6	110	.2	15	2	50	.14	.032	28	1	.05	1430	.01	9	.54	.01	.17	1	32
028600	7	63	15	265	.1	78	18	204	4.66	44	5	ND	8	99	.2	8	2	30	.13	.043	34	17	.05	1092	.01	10	.68	.01	.22	1	21
028601	7	54	17	264	.2	55	13	155	3.93	44	5	ND	9	114	.2	9	2	38	.13	.048	35	1	.05	1201	.01	8	.62	.01	.22	1	19
141830	5	21	36	98	.2	18	11	716	3.33	167	5	ND	13	84	.2	9	2	43	1.92	.098	45	35	.12	674	.01	11	.72	.01	.19	1	11
141831	25	75	90	499	2.7	85	12	1357	3.36	461	6	ND	7	152	7.7	142	2	323	.27	.172	24	44	.03	1836	.02	8	.69	.01	.10	3	88
STANDARD C/AU-R	18	60	38	133	7.3	69	34	1053	3.96	38	17	8	36	54	18.8	19	22	56	.47	.090	37	59	.87	177	.09	33	1.87	.06	.15	11	450

GOLDEN BERC 91-435

GOLDEN BERC 91-436

BERC 91-344 } Dup. sample, originals lost
BERC 91-373 }

TOTAL P.001

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-037 File # 91-1746 Page 1

1050 Davie St., Vancouver BC V6E 1M6

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
028602	24	65	23	251	.4	58	4	116	3.06	92	10	ND	3	65	6.9	9	2	158	.21	.066	7	35	.06	1374	.01	12	.47	.01	.17	1	20
028603	6	82	14	264	.7	64	13	299	2.84	61	12	ND	3	63	26.5	7	2	59	.14	.050	6	21	.06	1511	.01	10	.46	.01	.16	1	5
028604	1	44	9	121	.4	27	6	488	2.06	32	5	ND	2	56	12.3	3	2	16	.09	.032	4	20	.04	691	.01	10	.38	.01	.17	1	1
028605	1	45	7	109	.1	22	8	412	1.22	21	5	ND	2	37	6.8	2	2	8	.07	.019	5	11	.05	608	.01	11	.41	.01	.20	1	4
028606	2	45	11	176	.2	23	7	296	1.97	44	7	ND	2	24	2.5	6	3	10	.05	.009	5	13	.04	825	.01	10	.40	.01	.19	1	4
028607	3	43	8	222	.2	35	9	1255	2.31	66	5	ND	1	30	6.0	4	2	7	.38	.009	5	26	.10	486	.01	10	.40	.01	.18	1	5
028608	3	51	14	228	.3	31	10	582	2.33	178	5	ND	2	24	1.9	4	2	8	.09	.011	4	20	.06	635	.01	12	.44	.01	.20	1	5
028609	5	47	13	259	.4	53	13	969	2.17	88	8	ND	2	47	.4	3	2	9	.61	.014	4	12	.35	533	.01	13	.41	.01	.19	1	1
028610	20	70	20	313	1.1	94	14	684	2.87	290	6	ND	3	225	1.3	12	2	55	2.09	.203	8	24	.82	572	.01	24	.84	.01	.34	1	61
028611	12	31	25	67	.7	34	5	259	2.00	94	7	ND	2	177	.6	5	2	37	.41	.211	7	82	.08	317	.01	19	.45	.01	.25	1	49
028612	10	30	24	43	.6	28	7	379	1.91	48	11	ND	1	92	.3	7	2	18	.90	.024	2	84	.46	41	.01	9	.26	.01	.12	2	28
028613	5	30	27	37	.9	26	6	267	1.97	55	6	ND	1	123	.4	7	2	29	.77	.033	2	33	.37	26	.01	16	.33	.01	.15	1	15
028614	7	36	37	813	.5	190	38	1591	4.01	264	6	ND	10	310	10.3	68	2	44	.09	.138	44	30	.04	1904	.01	5	.96	.01	.11	1	40
028615	4	28	39	530	1.0	104	25	1284	3.92	1838	5	ND	11	151	13.7	417	2	36	.12	.069	41	26	.05	1221	.01	7	.75	.01	.12	1	1560
028616	12	33	33	295	1.6	64	12	910	2.84	983	6	ND	8	297	2.6	442	3	134	.24	.127	30	42	.07	1978	.01	7	.81	.01	.11	1	910
028617	17	33	34	175	2.4	44	6	383	2.06	505	5	ND	4	198	1.8	96	2	104	.14	.072	20	55	.05	1749	.01	8	.71	.01	.12	1	610
028618	4	15	238	255	2.1	23	10	2342	3.91	841	8	ND	9	218	2.9	49	2	36	3.18	.024	20	42	.64	302	.01	6	.42	.01	.08	1	930
028619	2	17	110	216	1.0	19	10	1594	3.55	467	9	ND	10	219	2.5	29	2	45	3.42	.027	25	34	.72	124	.01	3	.55	.01	.06	1	690
028620	2	17	33	149	.3	27	14	1034	3.82	202	5	ND	12	154	.2	20	2	51	.91	.030	31	32	.11	1249	.01	4	.59	.01	.03	1	59
028621	3	21	46	309	.6	126	31	1645	3.80	527	5	ND	12	152	4.9	57	2	50	.14	.039	28	29	.04	993	.01	4	.79	.01	.06	1	310
028622	3	23	35	248	.4	75	23	1021	3.49	470	9	ND	12	163	1.9	71	2	48	.07	.042	33	34	.04	1340	.01	4	.93	.01	.06	1	270
028623	2	18	45	243	.9	58	20	1453	3.76	1017	7	ND	11	151	2.3	32	2	49	.87	.034	26	29	.11	53	.01	5	.76	.01	.06	2	500
028624	5	30	26	231	.4	57	13	434	4.17	2485	5	ND	7	195	1.5	41	2	49	.78	.033	27	19	.08	74	.01	7	.78	.01	.21	1	270
028625	6	33	28	245	.7	55	11	266	3.23	2456	5	ND	7	170	.9	32	2	50	.85	.036	26	21	.09	51	.01	10	.74	.01	.22	1	1030
028626	3	22	54	243	1.2	52	16	734	4.02	1487	5	ND	8	119	1.4	101	4	55	.79	.031	21	29	.14	99	.01	12	.74	.01	.11	2	580
028627	5	29	34	236	.4	67	15	501	3.59	196	5	ND	7	137	1.8	24	3	62	.67	.035	25	27	.11	100	.01	5	.93	.01	.17	1	68
028628	6	29	21	201	.3	59	12	222	2.72	106	5	ND	6	128	.2	25	2	49	.66	.035	26	20	.09	113	.01	4	.75	.01	.18	1	19
028629	4	26	30	228	.3	67	18	692	3.38	244	5	ND	8	114	.6	28	2	49	.43	.030	23	27	.19	420	.01	4	.66	.01	.13	1	16
028630	4	20	31	129	.4	28	11	900	3.21	610	5	ND	9	112	.9	93	2	47	1.51	.025	17	32	.59	346	.01	4	.51	.01	.07	1	390
028631	4	28	45	164	.7	38	12	841	3.09	1242	8	ND	9	168	1.0	1181	2	39	1.82	.035	19	25	.62	106	.01	4	.51	.01	.11	1	1230
028632	4	24	83	225	2.4	46	14	1031	3.24	2385	5	ND	7	202	1.7	132	2	28	1.81	.033	24	23	.53	14	.01	4	.49	.01	.15	1	1630
028633	6	32	24	234	.4	52	12	362	2.88	585	5	ND	6	176	1.2	1287	2	30	.93	.038	27	18	.47	22	.01	5	.49	.01	.18	1	330
028634	8	37	21	281	.2	80	16	168	3.06	117	5	ND	5	128	1.6	31	2	35	.49	.036	26	18	.56	15	.01	4	.47	.01	.18	1	12
028635	6	37	16	296	.2	77	16	183	3.32	57	5	ND	4	105	2.4	6	3	35	.32	.052	26	14	.56	18	.01	5	.53	.01	.23	1	8
028636	25	75	17	252	1.2	81	6	53	2.06	68	11	ND	4	713	3.2	21	2	182	.32	.284	14	52	.06	358	.01	12	.92	.01	.16	1	7
028637	7	30	35	260	.4	46	12	773	3.39	38	5	ND	6	364	2.9	11	2	34	1.62	.074	21	19	.65	31	.01	5	.60	.01	.13	1	2
STANDARD C/AU-R	18	62	43	132	7.3	70	32	1071	3.96	41	20	7	38	53	17.3	16	18	55	.48	.089	40	59	.88	175	.09	33	1.92	.05	.15	11	460

LUCKY BORC 91-437

LUCKY BORC 91-438

LUCKY BORC 91-439

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 13 1991 DATE REPORT MAILED: June 19/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUN-19-1991 14:05 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
028638	4	27	22	99	.2	18	9	578	3.16	26	5	ND	8	472	.7	15	2	26	3.12	.095	21	18	.65	172	.01	10	.84	.01	.22	1	5
028639	5	18	22	104	.1	26	9	581	3.11	55	5	ND	9	461	.3	18	2	24	3.16	.095	20	19	.92	124	.01	7	.69	.01	.19	1	46
028640	5	10	24	133	.1	20	9	640	3.23	119	5	ND	11	386	.5	61	2	23	2.88	.094	26	18	.84	220	.01	7	.76	.01	.26	1	19
028641	4	11	26	111	.1	15	8	635	3.21	57	5	ND	9	402	.5	39	2	19	3.18	.072	26	16	.99	576	.01	11	.82	.01	.21	1	15
028642	4	15	49	274	.1	17	26	713	3.08	95	5	ND	11	405	1.2	48	2	27	3.78	.075	26	25	1.15	143	.01	5	.90	.01	.17	33	15
028643	3	15	26	137	.1	17	9	713	2.93	165	5	ND	10	367	.7	35	2	26	3.56	.079	25	25	1.16	121	.01	9	.80	.01	.15	1	9
028644	3	17	35	156	.3	19	10	840	3.23	1434	5	ND	6	395	1.1	46	2	20	3.41	.050	18	25	1.23	118	.01	11	.70	.01	.16	1	310
028645	3	14	44	130	.7	17	11	839	3.09	1459	5	ND	5	484	1.6	44	2	15	3.30	.033	14	32	1.33	96	.01	10	.70	.01	.18	1	390
028646	3	10	24	122	.5	20	9	901	3.02	160	5	ND	4	454	2.3	44	2	15	2.91	.093	13	29	1.22	100	.01	11	.68	.01	.18	1	82
028647	20	91	28	474	1.5	65	6	319	1.50	112	8	ND	2	604	12.2	79	2	344	3.17	1.190	18	127	.33	236	.01	22	1.10	.01	.28	1	3
028648	11	49	17	246	.3	85	16	188	3.23	166	5	ND	5	147	1.5	21	2	38	.56	.046	23	34	.22	125	.01	14	.64	.01	.25	1	22
028649	18	55	15	482	.8	72	11	185	2.73	77	5	ND	5	304	5.5	29	2	67	.89	.151	21	54	.29	126	.01	15	.64	.01	.23	1	3
028650	8	22	24	275	.6	36	13	728	3.06	357	7	ND	7	362	1.7	69	2	39	2.61	.099	28	46	1.00	222	.01	12	.79	.01	.27	1	100
028651	12	36	26	289	1.3	55	12	574	2.92	605	5	ND	2	335	1.9	91	2	58	2.37	.067	13	54	.98	116	.01	8	.67	.01	.19	1	320
028652	7	20	13	230	1.5	48	10	753	2.73	2180	5	ND	4	472	1.8	69	2	50	2.83	.040	12	43	1.18	88	.01	5	.50	.01	.14	1	2720
028653	10	38	24	298	.9	86	14	347	3.08	2338	5	ND	4	265	2.2	386	2	61	1.04	.055	15	39	.51	91	.01	8	.60	.01	.17	1	1200
028654	5	18	47	143	1.1	23	10	764	2.94	2277	5	ND	9	258	1.0	136	3	44	3.06	.050	23	38	1.05	107	.01	7	.90	.01	.17	1	2640
028655	3	24	311	527	3.2	10	8	2158	3.31	2003	5	5	8	271	8.3	209	2	47	3.82	.038	17	42	1.40	94	.01	3	.61	.01	.11	1	3750
028656	3	15	83	176	2.6	15	9	1571	3.10	3439	5	5	9	220	1.8	142	2	43	2.36	.023	16	38	.96	108	.01	5	.59	.01	.09	1	5680
028657	8	37	23	297	.3	78	16	184	2.78	186	5	ND	6	143	1.4	42	2	43	.42	.037	24	19	.45	91	.01	8	.52	.01	.21	1	40
028658	10	37	20	237	.1	87	16	162	3.20	76	5	ND	4	151	1.3	18	2	38	.37	.044	20	22	.47	80	.01	7	.60	.02	.22	1	40
028659	9	38	21	229	.2	76	16	192	3.36	56	5	ND	5	189	1.0	8	2	33	.70	.037	21	28	.69	80	.01	9	.49	.01	.20	1	15
028660	8	34	20	284	.1	84	18	151	3.83	29	9	ND	9	101	1.5	4	2	95	.10	.045	28	35	.05	1299	.01	9	.75	.02	.21	1	9
028661	4	17	31	515	.1	131	23	1974	4.74	28	5	ND	15	70	6.1	2	2	42	.31	.113	47	38	.09	1603	.01	5	.82	.01	.16	1	7
028662	13	54	20	419	.7	77	11	90	3.25	32	5	ND	6	228	2.9	6	2	84	.19	.099	29	35	.06	1598	.01	7	.70	.01	.21	1	6
028663	14	24	17	145	.9	24	3	23	2.33	22	5	ND	4	164	.6	5	2	70	.10	.139	7	22	.06	381	.01	12	.59	.02	.27	1	4
028664	5	45	14	205	.3	49	13	91	2.78	22	5	ND	4	117	2.6	5	2	31	.11	.045	5	15	.07	712	.01	6	.68	.02	.22	1	5
028665	7	37	19	173	.1	40	10	67	2.77	25	6	ND	3	122	1.0	3	2	34	.06	.040	4	14	.05	684	.01	5	.66	.02	.23	1	4
028666	6	50	15	300	.1	72	21	146	3.29	20	5	ND	3	90	3.1	3	4	33	.05	.035	4	18	.13	813	.01	3	.84	.02	.21	1	4
028667	5	36	14	256	.2	72	20	213	3.64	18	6	ND	3	77	2.3	2	3	35	.08	.037	4	18	.40	587	.01	7	.65	.02	.20	1	4
028668	7	41	19	254	.1	69	19	168	3.50	30	13	ND	3	74	1.5	14	2	36	.09	.036	4	19	.22	441	.01	6	.63	.02	.21	1	4
028669	11	43	19	239	.2	44	12	111	3.07	37	11	ND	3	138	1.9	53	2	37	.17	.040	4	25	.12	232	.01	6	.63	.02	.19	1	1
028670	11	43	23	199	.5	34	9	147	2.76	186	5	ND	4	176	3.7	68	2	55	.69	.054	10	19	.23	109	.01	7	.61	.01	.21	1	40
028671	8	32	21	227	.9	28	9	407	2.50	817	6	ND	5	272	2.8	532	2	53	1.33	.032	17	27	.42	88	.01	9	.59	.01	.16	1	740
028672	2	11	31	119	.5	11	9	939	3.38	1365	5	ND	6	276	.4	210	2	14	2.78	.020	13	14	.98	78	.01	9	.52	.01	.16	1	650
028673	2	10	39	117	.3	11	8	1045	3.19	2225	5	ND	6	277	1.1	52	2	14	2.64	.025	13	17	.93	89	.01	3	.58	.01	.17	1	1040
STANDARD C/AU-R	19	60	39	132	7.3	70	31	1052	3.97	38	23	6	41	53	18.6	15	18	56	.48	.091	40	58	.89	178	.09	37	1.88	.07	.15	12	460

BERC 91-435 LUCKY

BERC 91-440 LUCKY

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
028674	2	9	76	227	.4	12	9	1122	3.59	674	5	ND	8	272	.4	27	2	17	3.17	.020	13	22	1.00	77	.01	2	.41	.01	.13	1	91
028675	4	21	29	184	.6	36	11	682	3.29	230	5	ND	7	201	.6	25	2	27	1.98	.033	21	25	.78	111	.01	7	.40	.01	.16	1	12
028676	4	15	34	154	.4	44	9	590	2.82	106	5	ND	5	161	.7	37	2	300	1.68	.017	15	29	.59	93	.01	6	.33	.01	.12	1	7
028677	2	11	44	136	.3	15	9	774	2.89	63	5	ND	5	176	.4	21	2	33	2.11	.018	19	14	.70	486	.01	6	.42	.01	.11	1	5
028678	3	17	23	118	.4	24	10	777	3.24	1184	5	ND	7	186	.3	22	2	40	1.56	.017	15	32	.70	96	.01	5	.38	.01	.09	1	260
028679	2	14	33	105	.5	12	9	942	3.38	767	5	ND	11	127	.2	89	2	49	1.19	.026	17	24	.64	453	.01	6	.45	.01	.06	1	970
028680	2	18	49	103	.5	15	10	1115	3.68	375	5	ND	10	155	.2	2797	2	47	1.58	.025	17	32	.73	268	.01	3	.44	.01	.07	1	350
028681	2	16	52	103	.5	12	8	1028	3.18	482	5	ND	9	146	.4	2653	2	41	1.85	.017	15	30	.74	142	.01	5	.42	.01	.06	1	510
028682	2	15	58	113	.4	11	8	1188	3.48	679	5	ND	10	163	.2	1142	2	44	1.68	.035	18	26	.73	248	.01	2	.46	.01	.05	1	690
028683	2	14	68	157	.4	13	9	1032	3.34	85	5	ND	14	127	.6	50	2	46	1.33	.066	27	17	.68	700	.01	2	.56	.01	.04	1	14
028684	3	16	43	132	.4	13	10	656	3.73	52	5	ND	18	75	.3	58	2	66	.97	.101	50	26	.65	502	.01	2	.52	.01	.04	1	11
028685	2	13	49	110	.5	13	10	921	3.59	204	5	ND	16	140	.2	92	2	61	2.22	.080	37	32	.88	367	.01	3	.51	.01	.05	1	110
028686	2	15	40	105	.7	13	10	1211	3.96	470	5	ND	12	197	.2	118	2	53	1.50	.038	26	28	.70	412	.01	5	.48	.01	.05	1	430
028687	2	17	36	115	.3	14	10	822	3.35	62	5	ND	11	134	.2	25	2	59	.81	.038	30	5	.54	1108	.01	2	.56	.01	.01	1	4
028688	2	15	41	119	.4	13	10	1051	3.71	447	5	ND	11	138	.2	778	2	54	1.14	.028	23	27	.63	475	.01	3	.50	.01	.03	1	920
028689	2	14	40	170	.4	16	10	997	3.11	333	5	ND	11	193	.2	312	2	49	1.35	.032	25	19	.63	621	.01	2	.45	.01	.03	1	540
028690	2	13	43	167	.4	14	10	1003	2.93	129	5	ND	14	183	.2	63	2	56	1.70	.064	31	7	.77	1164	.01	2	.51	.01	.02	1	8
028691	2	15	43	125	.4	12	9	617	3.88	122	5	ND	16	127	.2	23	2	72	1.45	.008	48	26	.93	553	.01	2	.54	.01	.05	1	130
028692	2	15	38	149	.3	16	10	558	2.97	40	5	ND	17	57	.2	28	2	67	1.30	.009	52	38	.61	244	.01	2	.56	.01	.09	1	19
028693	2	13	28	156	.3	16	11	771	3.20	146	5	ND	15	102	.2	27	2	54	1.99	.078	42	30	.84	546	.01	5	.59	.01	.06	1	180
028694	3	14	30	129	.2	13	9	753	3.46	350	5	ND	14	163	.4	74	2	44	2.50	.061	32	31	.90	348	.01	3	.51	.01	.07	1	290
028695	4	30	40	145	.3	39	11	418	3.19	202	5	ND	9	181	.4	61	2	34	1.65	.038	25	31	.76	39	.01	4	.42	.01	.13	1	28
028696	10	35	33	290	.5	79	14	285	3.26	736	5	ND	5	304	1.5	24	3	39	.84	.028	21	59	.62	17	.01	10	.40	.01	.17	1	310
STANDARD C/AU-R	18	56	39	131	7.6	68	32	1029	3.94	37	21	7	39	52	18.5	17	20	54	.48	.089	38	56	.86	178	.09	34	1.85	.06	.15	11	460

JUN-19-1991 14:08 FROM ACME ANALYTICAL TO NORANDA YT P.004

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-042 330 File # 91-1777 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
8697	4	31	62	241	.8	53	16	781	3.57	2440	5	ND	5	78	1.7	303	2	25	.15	.035	37	35	.09	1018	.01	10	.96	.01	.17	1	1580
8698	3	27	42	187	1.5	33	12	962	3.81	3685	5	4	7	90	1.1	945	2	23	.16	.037	39	34	.05	986	.01	10	.77	.01	.14	2	3130
8699	5	22	72	191	.7	33	12	993	4.16	2789	5	ND	10	93	1.1	221	2	23	.12	.034	49	41	.05	987	.01	13	.99	.01	.17	1	1080
8700	5	20	63	241	.6	42	15	754	4.01	1769	5	ND	11	110	2.5	143	2	26	.09	.050	48	47	.05	1149	.01	14	1.15	.01	.20	1	530
8701	11	21	25	154	.1	28	6	135	2.37	187	5	ND	5	124	.8	25	2	45	.18	.055	30	35	.07	1819	.01	18	.94	.01	.24	1	45
8702	14	21	24	132	.1	28	6	88	2.49	100	5	ND	4	112	.3	16	2	49	.12	.040	23	41	.06	1628	.01	14	.82	.01	.23	1	43
8703	4	26	25	240	.1	37	15	679	4.63	118	5	ND	11	64	1.3	17	2	41	.20	.104	51	33	.08	849	.01	14	1.17	.01	.28	1	32
8704	3	17	55	206	.2	19	10	717	3.96	81	5	ND	11	107	1.5	14	2	43	1.18	.108	47	23	.37	531	.01	11	1.11	.01	.23	1	25
8705	3	12	35	184	.1	13	10	663	3.53	60	5	ND	11	199	1.3	15	2	34	1.98	.094	40	32	.66	940	.01	9	1.40	.01	.24	1	25
8706	2	17	30	109	.3	17	10	778	2.99	116	8	ND	9	392	.9	23	2	23	3.10	.085	32	32	1.01	936	.01	12	1.34	.01	.23	2	22
8707	2	16	35	107	.3	20	11	727	3.34	241	6	ND	6	636	1.1	23	2	15	3.81	.074	18	26	1.41	128	.01	12	.91	.01	.20	2	22
8708	2	17	57	145	.2	19	11	771	3.05	91	5	ND	8	450	1.2	27	2	23	3.50	.086	22	34	1.17	220	.01	11	1.21	.01	.20	1	23
8709	3	20	57	270	.3	19	11	665	3.18	128	5	ND	7	498	2.5	33	2	17	3.58	.085	19	28	1.38	116	.01	8	1.15	.01	.22	1	20
8710	4	31	44	199	.4	17	11	483	3.81	324	7	ND	7	540	2.5	38	3	11	3.45	.087	14	34	1.32	83	.01	10	.86	.01	.27	1	39
8711	3	17	33	134	.2	14	9	607	3.49	295	5	ND	7	346	1.4	23	2	12	2.99	.063	12	31	1.07	101	.01	14	.95	.01	.27	1	57
8712	2	15	43	149	.6	15	11	961	3.26	89	5	ND	8	474	1.5	18	2	14	4.04	.040	15	24	1.47	161	.01	7	.81	.01	.19	2	20
8713	6	32	30	251	.2	50	12	492	3.34	131	5	ND	6	288	1.9	18	3	26	2.01	.038	20	23	.87	129	.01	7	.71	.01	.21	1	8
8714	7	40	25	345	.1	77	16	223	3.02	54	5	ND	5	134	1.7	5	2	47	.59	.048	26	22	.54	155	.01	7	.74	.01	.24	1	3
8715	8	42	24	314	.2	87	18	205	3.30	50	5	ND	6	106	1.7	15	3	38	.39	.041	28	22	.51	127	.01	7	.71	.01	.24	1	2
8716	5	28	47	222	.4	39	12	598	3.43	951	5	ND	7	200	1.6	45	2	25	1.77	.043	20	23	.76	108	.01	7	.72	.01	.20	1	35
8717	3	8	31	101	.4	9	7	710	3.29	2407	6	ND	8	284	1.2	37	2	10	2.94	.050	11	22	.94	61	.01	7	.72	.01	.21	2	140
8718	2	14	40	120	.5	7	7	811	3.35	2467	5	ND	7	285	1.0	63	2	10	2.88	.049	12	17	.96	70	.01	10	.68	.01	.19	1	410
8719	3	23	54	169	.6	10	8	1210	4.13	377	5	ND	10	271	1.6	50	2	36	1.90	.047	22	26	.86	127	.01	8	.75	.01	.10	1	130
8720	4	28	58	156	.2	13	11	1191	4.48	105	5	ND	12	169	.7	32	2	59	.54	.048	34	43	.49	1137	.01	5	.91	.01	.04	1	28
8721	3	19	72	190	.4	11	10	1100	3.39	235	5	ND	12	249	1.2	37	2	41	1.50	.035	31	31	.69	584	.01	6	.87	.01	.09	1	55
8722	3	19	79	159	.5	14	9	1171	3.43	238	5	ND	11	276	1.6	48	2	36	1.81	.037	29	32	.79	403	.01	6	.79	.01	.11	1	82
8723	2	35	711	1637	3.5	13	10	1378	3.82	345	5	ND	10	289	21.1	381	2	28	2.29	.039	20	25	.94	105	.01	8	.72	.01	.11	1	69
8724	2	40	1412	2057	4.8	15	10	1297	4.30	216	5	ND	10	221	29.7	646	2	42	1.42	.035	26	27	.68	158	.01	5	.84	.01	.08	2	42
8725	3	23	262	366	1.2	16	11	1372	3.29	115	5	ND	11	219	4.1	145	2	43	1.29	.035	27	28	.59	398	.01	5	.77	.01	.08	1	22
8726	3	27	1151	1285	7.7	13	10	1367	3.74	414	5	ND	9	262	16.7	478	2	34	1.78	.036	24	25	.79	108	.01	9	.79	.01	.13	1	110
8727	2	25	413	732	3.2	15	10	1528	3.76	400	5	ND	11	272	10.0	1825	2	37	2.27	.029	22	28	.94	178	.01	9	.86	.01	.13	2	97
8728	2	21	208	515	2.5	14	9	2463	3.29	1836	8	3	10	509	5.6	1310	2	22	3.92	.025	17	23	1.43	70	.01	8	.67	.01	.12	1	2030
8729	4	38	179	631	7.8	15	9	1131	2.76	8608	5	21	1	194	7.7	19067	2	19	2.12	.029	15	42	.76	37	.01	6	.50	.01	.09	1	17600
8730	3	16	83	242	2.6	11	8	1516	3.19	1663	6	5	5	282	2.6	6378	2	19	2.39	.025	12	32	.92	50	.01	9	.52	.01	.12	2	3960
8731	7	28	56	311	1.3	59	11	570	2.88	3401	5	ND	4	179	2.4	1339	5	36	.98	.031	18	27	.46	71	.01	9	.55	.01	.17	1	2140
8732	5	39	18	248	.4	61	15	295	3.64	591	5	ND	4	178	1.1	119	2	37	.67	.033	21	18	.75	95	.01	6	.63	.01	.22	1	55
STANDARD C/AU-R	19	63	41	139	7.3	72	31	1076	4.04	38	16	6	40	53	18.9	15	17	55	.49	.088	40	59	.90	182	.09	32	1.99	.07	.15	12	490

Lucky BCEC 91-441

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 14 1991 DATE REPORT MAILED: June 18/91 SIGNED BY A. D. Toye

.D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUN-18-1991 13:49 FROM ACME ANALYTICAL TO NORANDA YT P.002

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-042 330 FILE # 91-1777 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
28733 91-441	6	34	18	249	.1	67	14	210	3.19	79	5	ND	3	110	1.9	31	2	40	.52	.032	20	17	.45	85	.01	4	.56	.01	.17	1	5
28734	7	33	20	223	.1	48	9	68	2.91	47	5	ND	4	93	1.0	40	2	37	.18	.032	23	22	.05	1027	.01	7	.67	.01	.18	1	29
28735	8	30	23	204	.2	56	9	49	2.66	38	5	ND	6	119	.4	22	2	37	.18	.035	30	14	.05	933	.01	7	.61	.01	.22	1	17
28736	5	32	14	168	.1	31	7	74	3.23	24	5	ND	7	123	.5	4	2	30	.16	.037	37	13	.05	1091	.01	8	.74	.01	.23	1	8
28737	26	50	17	56	2.3	30	2	41	2.94	36	5	ND	7	233	.9	17	2	419	.17	.236	26	61	.07	796	.01	14	.80	.01	.23	1	7
28738	20	57	17	144	2.0	38	4	26	2.54	31	5	ND	4	319	.4	10	2	355	.32	.303	22	70	.05	1993	.01	10	1.05	.02	.23	1	4
28739	11	50	23	225	.6	40	8	40	2.30	24	5	ND	6	169	.2	6	2	72	.06	.088	27	29	.05	1436	.01	6	.80	.01	.20	1	2
28740	8	69	21	203	.1	63	14	150	2.93	20	5	ND	5	139	1.3	2	2	47	.05	.054	29	19	.04	990	.01	5	.82	.01	.20	1	3
28741	12	42	21	292	.3	47	14	62	2.98	26	5	ND	5	132	.4	4	2	54	.04	.057	31	47	.04	1242	.01	8	.72	.01	.20	1	2
28742	7	48	20	231	.1	47	11	58	3.44	33	5	ND	7	111	.7	6	2	31	.05	.039	36	24	.03	779	.01	8	.62	.01	.22	1	6
28743	9	39	28	128	.2	67	10	228	2.65	90	5	ND	5	173	1.3	16	2	43	.87	.048	20	34	.34	148	.01	9	.75	.01	.25	1	4
28744	4	17	45	176	.4	29	10	641	3.00	288	5	ND	7	314	1.2	29	3	21	2.57	.035	15	29	.81	139	.01	6	.74	.01	.18	1	2
28745	3	11	134	140	.4	18	9	795	3.05	188	5	ND	8	322	.7	45	2	14	2.99	.035	17	30	1.00	410	.01	5	.74	.01	.16	1	4
28746	3	21	52	78	.3	15	9	812	3.08	56	5	ND	7	404	.5	27	2	10	3.37	.048	15	24	1.16	240	.01	5	.63	.01	.14	1	7
28747	3	17	61	120	.4	18	10	912	3.21	117	5	ND	7	398	.9	58	2	13	3.64	.049	14	21	1.30	299	.01	4	.66	.01	.15	1	4
28748	2	13	37	112	.3	10	9	979	3.37	187	5	ND	9	363	1.0	49	2	19	3.26	.076	14	21	1.13	302	.01	3	.67	.01	.13	1	6
28749	2	21	48	141	.4	19	11	851	2.98	107	5	ND	8	347	1.0	42	2	12	4.13	.078	14	20	1.44	118	.01	4	.75	.01	.18	1	10
28750	2	16	29	103	.2	24	10	650	3.17	87	5	ND	8	283	.5	46	2	16	3.52	.099	17	25	1.25	143	.01	3	.56	.01	.17	1	6
28751	2	14	30	92	.2	19	9	571	2.78	116	5	ND	7	231	.8	87	2	16	3.05	.089	15	20	1.00	126	.01	3	.57	.01	.15	1	6
28752	3	18	77	117	.4	14	10	580	3.17	67	5	ND	9	221	.9	141	2	35	3.26	.099	21	33	.98	106	.01	4	1.16	.02	.17	1	7
28753	4	27	28	105	.2	19	9	625	3.60	39	5	ND	11	194	.9	244	2	53	3.28	.111	20	27	.90	187	.01	2	1.46	.03	.17	1	7
28754	4	15	83	141	.5	16	9	608	3.42	39	6	ND	12	163	.7	110	2	54	3.18	.111	25	25	.56	191	.01	2	1.38	.02	.17	1	6
28755	2	6	54	118	.2	11	8	681	3.27	72	5	ND	9	179	.6	55	2	40	3.13	.106	22	22	.96	178	.01	3	.95	.01	.15	1	13
28756	3	13	38	114	.3	11	8	751	3.46	46	5	ND	9	186	.6	41	2	33	3.11	.098	18	25	1.08	117	.01	3	.77	.01	.18	1	7
28757	2	9	43	222	.6	10	9	785	3.48	126	5	ND	11	102	1.3	31	2	32	2.66	.099	22	22	.96	123	.01	4	.64	.01	.16	1	12
28758	3	14	43	170	.4	13	8	798	3.57	85	5	ND	11	87	1.0	30	2	39	2.48	.100	25	33	.87	124	.01	2	.74	.01	.15	1	7
28759	2	9	30	191	.6	16	9	877	3.64	86	5	ND	12	73	1.3	25	2	33	1.78	.109	28	25	.67	111	.01	5	.88	.01	.18	1	6
28760	2	12	19	201	.3	16	9	854	3.62	113	5	ND	12	81	1.3	26	2	30	1.79	.109	27	23	.69	104	.01	4	.84	.01	.17	1	20
28761	3	14	31	206	.7	13	9	1006	3.55	270	5	ND	10	191	1.3	22	2	20	1.74	.097	24	24	.63	133	.01	5	.87	.01	.18	1	140
28762	2	10	42	186	.5	11	10	1191	4.08	231	5	ND	8	157	.9	26	2	25	1.17	.044	18	23	.54	152	.01	4	.78	.01	.13	1	66
28763	2	8	48	267	.5	13	9	1054	3.93	1288	5	ND	9	169	2.5	33	2	25	2.06	.060	17	22	.74	142	.01	4	.88	.01	.16	1	720
28764	4	16	39	158	.6	22	10	1002	4.00	1374	5	ND	8	121	1.1	35	2	34	1.11	.082	19	27	.49	177	.01	6	.93	.01	.14	1	330
28765	3	11	43	148	.3	11	8	1075	3.38	272	5	ND	8	138	.6	25	2	23	.85	.071	21	24	.41	346	.01	7	.87	.01	.16	1	64
28766	2	14	47	137	.2	13	10	1126	4.35	179	5	ND	14	222	.7	24	2	54	.80	.086	35	31	.60	1062	.01	4	1.09	.01	.09	1	51
28767	3	16	40	125	.4	13	9	1012	3.55	511	5	ND	13	251	.8	165	2	42	2.40	.093	36	32	.95	310	.01	8	.94	.01	.11	1	100
28768	2	19	53	117	.7	15	9	1191	3.77	1416	5	ND	12	196	.3	4495	2	44	2.04	.060	23	36	.82	271	.01	4	.76	.01	.08	1	890
STANDARD C/AU-R	18	59	40	133	7.2	74	33	1081	4.00	38	17	6	38	52	18.5	15	21	56	.50	.094	38	59	.87	183	.09	34	1.99	.06	.16	13	490

Lucky BCRC 91-442

JUN-15-1994 15:20 FROM ACME ANALYTICAL TO NORANDA Y1 P.005

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
28769	3	22	67	265	.9	17	10	1397	3.96	1283	5	2	13	181	2.2	2856	2	44	1.57	.042	23	42	.74	139	.01	3	.83	.01	.07	1	1060
28770	3	25	106	368	2.0	13	8	1631	3.58	2866	5	4	11	225	4.0	5592	3	40	2.39	.032	19	39	.95	145	.01	3	.60	.01	.08	1	2930
28771	3	28	71	147	1.3	14	9	1412	3.80	2590	5	2	11	204	1.3	10239	4	46	2.46	.025	20	41	1.00	146	.01	2	.76	.01	.07	3	1870
28772	3	21	53	134	.6	14	10	1001	3.65	1137	5	2	15	146	.4	1751	2	52	1.87	.034	27	38	.85	625	.01	2	.85	.01	.05	1	1030
28773	2	21	53	129	1.1	11	9	1055	3.27	2514	5	4	10	167	.7	5039	3	44	1.85	.031	22	37	.80	153	.01	2	.75	.01	.04	2	3580
28774	4	32	1049	1291	4.9	23	9	1442	3.71	1488	5	ND	11	160	18.1	2653	2	42	2.12	.035	23	42	.94	73	.01	5	.72	.01	.13	1	1530
28775	8	41	35	302	.3	75	14	243	3.19	95	5	ND	8	120	1.7	141	2	36	.43	.040	28	19	.48	57	.01	6	.65	.01	.20	1	49
28776	7	41	35	296	.2	78	15	219	3.57	69	5	ND	8	116	1.4	85	2	38	.48	.047	27	20	.61	62	.01	6	.78	.01	.24	1	34
28777	7	42	106	376	.6	79	15	374	4.29	210	5	ND	8	130	3.2	217	4	44	.88	.050	26	27	.74	46	.01	6	.87	.02	.25	1	150
28778	8	37	50	265	.3	86	16	277	3.75	170	5	ND	8	174	1.5	77	2	38	1.16	.046	27	23	.87	58	.01	6	.83	.02	.25	1	53
28779	7	43	23	127	.5	91	17	199	3.66	149	5	ND	8	110	.2	44	2	39	.48	.041	27	26	.57	63	.01	6	.77	.02	.25	1	22
28780	15	45	13	51	1.9	35	2	51	.73	33	5	ND	3	218	1.5	38	2	263	.59	.303	14	102	.07	1613	.01	19	.91	.01	.18	1	20
28781	38	92	11	291	4.3	73	1	35	1.17	48	6	ND	4	478	5.6	54	4	1065	3.06	1.240	20	195	.10	1571	.01	40	1.68	.02	.38	1	13
28782	51	188	19	145	4.9	72	1	20	.83	46	7	ND	4	596	7.1	65	2	1622	2.99	1.342	21	239	.10	3496	.01	38	1.76	.01	.35	2	29
28783	70	124	36	335	2.1	68	8	198	2.82	197	5	ND	9	319	8.3	74	2	748	1.02	.593	32	114	.09	1238	.01	18	1.48	.01	.25	1	19
28784	10	36	26	494	.3	63	14	764	3.62	125	5	ND	12	229	8.4	69	2	110	2.07	.147	38	62	.83	540	.01	10	1.18	.01	.29	1	14
28784 D	9	36	22	483	.3	63	14	757	3.55	123	5	ND	12	223	8.1	65	2	96	2.06	.139	37	66	.83	514	.01	10	1.16	.01	.29	1	12
28785	7	28	23	311	.4	36	12	675	3.63	479	5	ND	13	308	4.0	60	2	63	2.66	.112	31	54	1.09	391	.02	7	1.09	.01	.31	1	87
28786	5	30	24	339	.2	34	12	699	3.60	297	5	ND	12	376	6.2	43	2	31	2.88	.112	27	39	1.11	194	.01	8	.82	.01	.28	1	53
28787	5	12	21	167	.1	22	10	673	3.57	65	5	ND	13	455	1.4	38	2	31	3.33	.123	29	51	1.20	189	.01	8	.80	.01	.27	1	12
28788	3	18	21	143	.3	17	10	723	3.65	1668	5	ND	13	380	1.1	51	3	29	2.89	.112	33	39	1.08	276	.01	9	.84	.01	.24	1	730
28789	4	24	31	225	.5	26	10	723	3.61	2471	5	ND	11	322	3.5	60	3	30	2.56	.136	27	34	.94	127	.01	9	.73	.01	.25	1	710
28790	3	17	28	278	.1	28	12	831	3.75	576	5	ND	12	335	2.3	42	2	22	3.03	.123	31	31	1.14	62	.01	6	.62	.01	.20	1	58
28791	4	16	25	277	.3	22	11	836	3.59	471	5	ND	11	400	2.0	42	4	18	2.97	.111	26	31	1.14	58	.01	6	.65	.01	.22	1	44
28792	4	38	52	375	.5	37	10	839	3.84	648	5	ND	11	388	7.7	52	3	24	2.53	.101	27	34	.97	67	.01	9	.83	.01	.25	1	130
28793	4	48	31	270	.3	26	10	631	4.05	503	5	ND	10	388	3.1	41	2	19	2.79	.100	19	27	1.05	47	.01	11	.96	.01	.27	1	75
28794	5	41	33	190	.3	19	9	692	3.86	2370	5	ND	10	427	1.5	48	2	20	3.16	.092	16	31	1.09	48	.01	13	1.84	.01	.27	1	330
28795	4	40	40	159	.5	14	8	725	3.71	4866	5	ND	10	408	1.0	61	2	17	3.12	.093	19	27	1.07	50	.01	12	.94	.01	.26	1	1020
28796	4	55	54	221	.7	14	10	969	3.97	3233	5	ND	10	394	1.6	60	2	12	3.08	.082	16	38	1.12	57	.01	13	.90	.01	.25	1	720
28797	3	44	73	210	.5	21	10	819	3.76	1113	5	ND	11	411	1.4	51	2	14	3.44	.089	16	27	1.15	57	.01	12	.86	.01	.24	1	280
28798	4	50	30	222	.3	24	10	633	3.85	101	5	ND	10	418	.7	28	2	15	3.24	.105	18	27	1.01	67	.01	12	.80	.01	.28	1	15
28799	7	30	32	168	.2	42	10	704	3.15	87	5	ND	10	503	.5	39	2	67	3.60	.240	23	49	1.12	91	.01	16	1.01	.01	.34	1	9
28800	6	16	31	125	.1	21	8	718	3.14	68	5	ND	11	472	.4	25	4	30	3.48	.132	21	58	1.14	114	.01	13	.96	.01	.35	1	7
28801	4	10	37	142	.1	13	9	670	3.06	57	5	ND	12	507	1.0	31	2	16	3.88	.101	21	37	1.24	145	.01	9	.68	.01	.27	1	11
28802	9	30	28	215	.2	30	9	597	3.20	62	5	ND	10	351	1.7	42	2	53	3.16	.101	23	56	1.05	178	.01	8	1.12	.02	.25	1	16
28803	7	45	21	307	.4	77	18	298	4.36	48	5	ND	9	158	1.5	25	6	27	.81	.063	31	34	.79	74	.01	8	.71	.01	.27	1	10
28804	4	28	34	198	.5	37	11	591	3.13	1179	5	ND	10	180	.8	93	2	35	1.68	.040	20	37	.74	84	.01	4	.77	.01	.16	1	1170
STANDARD C/AU-R	17	59	38	129	6.8	70	31	1019	3.87	38	18	6	37	52	18.3	15	19	55	.48	.092	36	55	.84	172	.09	34	1.89	.06	.15	12	470

LUCKY BERC 91-442

LUCKY BERC 91-443

JUN-18-1991 15:51 FROM ACME ANALYTICAL TO 9044 P.004

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
28805	4	16	34	130	1.0	14	8	1179	3.44	2889	5	2	10	173	1.0	404	2	39	2.94	.030	14	47	1.07	179	.01	3	.80	.01	.08	2	2190
28806	3	18	40	106	1.1	12	8	1717	3.96	2145	5	2	10	232	.9	128	2	43	3.31	.026	17	35	1.29	197	.01	3	.71	.01	.08	1	2310
28807	2	22	257	605	2.7	11	8	3001	4.34	1358	5	3	8	358	8.0	193	4	45	4.50	.020	13	31	1.74	88	.01	5	.60	.01	.08	1	2730
28808	3	19	58	182	.6	12	9	1594	4.15	606	5	ND	10	157	1.3	76	2	50	1.48	.034	20	35	.77	300	.01	2	.72	.01	.04	1	350
28809	3	56	236	5209	2.5	10	8	2994	4.39	744	5	2	8	381	68.5	316	4	43	4.20	.018	14	61	1.68	60	.01	6	.74	.01	.12	1	1260
28810	2	22	232	1368	1.8	9	8	1615	4.01	1189	5	ND	8	238	18.4	124	2	42	2.56	.025	17	38	1.11	100	.01	3	.70	.01	.08	1	760
28811	3	17	48	208	1.2	9	9	1336	3.27	2254	5	2	9	212	2.0	58	2	39	2.19	.036	19	35	.90	107	.01	3	.84	.01	.07	1	2430
28812	6	29	84	224	1.6	56	12	1081	3.58	1643	5	ND	4	272	1.4	61	3	40	1.95	.030	14	29	.83	41	.01	2	.57	.01	.15	1	1020
28813	8	37	24	275	.6	88	15	366	3.36	916	5	ND	3	300	1.7	24	2	43	.89	.029	14	28	.55	60	.01	2	.59	.01	.16	1	310
28814	4	12	54	130	1.1	17	7	927	3.29	2816	6	ND	9	209	1.0	37	3	30	3.48	.031	15	45	1.37	52	.01	6	.59	.01	.10	2	680
28815	4	18	54	1035	.9	11	7	935	3.33	1269	5	ND	10	200	5.0	26	2	28	3.38	.024	16	50	1.33	81	.01	4	.73	.01	.08	1	410
28816	3	21	43	116	1.4	11	7	920	3.31	2598	5	ND	9	251	.5	28	2	20	3.14	.024	15	37	1.21	52	.01	3	.59	.01	.07	1	920
28817	4	16	55	166	1.3	13	8	1092	3.74	1572	8	ND	11	236	1.7	37	2	34	3.27	.027	17	48	1.28	60	.01	4	.65	.01	.10	1	440
28818	3	19	48	144	.6	10	9	929	3.81	969	5	ND	12	220	1.1	14	4	46	3.14	.028	22	37	1.23	201	.01	2	.78	.01	.09	1	150
28819	3	20	43	130	.4	15	10	841	3.37	174	5	ND	12	195	.5	4	2	54	2.75	.046	25	43	1.12	932	.01	4	1.14	.01	.07	1	30
28820	3	19	44	124	.4	11	9	838	3.24	123	5	ND	13	351	.8	13	2	42	4.20	.044	25	34	1.49	335	.01	3	.94	.01	.10	1	15
28821	2	16	36	120	.6	10	8	976	3.18	119	6	ND	14	296	1.0	8	2	36	4.27	.037	20	29	1.51	803	.01	3	.92	.01	.13	1	21
28822	5	20	55	256	.8	13	9	1061	3.44	737	5	ND	10	335	2.5	49	2	29	3.37	.038	17	46	1.30	102	.01	5	.78	.01	.12	1	240
28823	5	33	66	278	.7	54	13	591	4.39	736	5	ND	6	359	1.9	441	2	30	2.30	.028	20	31	1.25	66	.01	5	.68	.01	.22	1	190
28824	15	91	19	423	2.5	84	15	804	3.03	84	5	ND	7	345	8.8	14	2	231	2.32	.639	28	104	.28	2219	.02	18	1.74	.02	.25	1	23
28825	38	85	12	430	3.1	111	2	357	1.00	31	7	ND	3	404	12.3	23	2	873	2.13	.536	19	114	.16	1596	.01	36	1.28	.01	.30	1	9
28826	24	115	9	321	3.0	73	2	136	1.07	37	7	ND	2	471	11.9	16	2	636	2.61	.671	15	195	.09	1291	.01	35	1.32	.01	.32	1	9
28827	24	145	8	330	4.3	90	3	235	1.12	36	8	ND	2	742	14.5	23	2	758	3.50	1.415	18	161	.08	5043	.01	40	1.61	.01	.28	1	4
28828	34	121	11	597	3.4	85	5	329	1.31	64	8	ND	2	536	17.5	15	2	500	1.61	.701	13	159	.17	2585	.01	33	1.34	.01	.22	1	6
28829	33	56	8	393	3.6	54	2	70	1.16	69	5	ND	3	444	17.7	13	2	418	1.01	.552	12	159	.06	1166	.01	30	1.11	.01	.23	1	6
28830	37	139	15	333	2.7	69	2	69	1.19	69	6	ND	2	494	15.9	24	2	592	1.72	.781	13	137	.05	2578	.01	22	1.20	.01	.19	1	6
28831	54	44	17	599	1.1	79	10	497	3.27	75	5	ND	10	191	14.7	31	2	385	1.11	.274	35	69	.48	270	.05	7	1.21	.02	.30	1	7
28832	30	34	16	919	.6	87	11	720	4.07	39	5	ND	12	143	13.8	13	2	114	1.28	.154	38	51	.79	169	.05	4	1.47	.02	.26	1	9
28833	11	26	25	1143	.4	67	14	1021	4.72	64	5	ND	12	238	8.7	19	2	75	1.92	.135	44	51	.92	228	.01	4	1.34	.01	.19	1	8
28834	20	74	59	1049	2.7	64	8	619	2.78	89	8	ND	7	459	19.0	29	8	480	2.97	.474	30	88	.90	116	.01	15	1.21	.01	.25	1	7
28835	20	80	32	953	1.6	93	12	573	3.41	99	5	ND	7	524	11.9	52	2	344	3.06	.394	29	75	.96	127	.01	14	1.15	.01	.28	1	6
28836	7	27	20	613	.7	56	14	704	3.68	58	5	ND	11	478	5.5	40	2	46	3.17	.128	29	39	1.21	240	.01	9	.83	.01	.25	1	6
28837	8	27	16	738	.4	50	13	720	3.73	422	5	ND	10	495	8.4	35	2	29	3.12	.104	29	40	1.17	263	.01	8	.84	.01	.27	1	100
28838	5	32	21	657	.4	43	13	882	3.78	143	5	ND	10	562	4.7	26	2	23	3.47	.103	25	35	1.37	245	.01	6	.71	.01	.23	1	35
28839	4	21	18	612	.4	46	14	714	3.84	70	5	ND	9	442	1.4	26	2	27	3.27	.108	29	36	1.17	220	.01	9	.85	.01	.24	1	7
28840	5	31	22	888	.4	49	12	676	3.85	60	5	ND	9	352	6.3	16	2	31	3.00	.094	29	39	.94	121	.01	7	.98	.01	.25	1	8
STANDARD C/AU-R	18	59	38	133	6.9	69	33	1042	3.93	38	19	7	38	52	18.4	15	18	56	.48	.089	38	58	.88	175	.09	34	1.92	.06	.15	13	460

LUCKY BORC 91-443

LUCKY BORC 91-444

JUN-18-1991 15:52 FROM ACME ANALYTICAL TO NORANDA YT P.005

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
28841	4	31	14	600	.2	51	11	682	3.68	37	5	ND	14	272	4.2	79	2	40	2.55	.099	33	25	.83	220	.01	7	1.41	.02	.24	1	6
28842	3	32	17	592	.2	46	11	612	3.40	33	5	ND	12	192	4.7	52	2	44	2.32	.094	35	34	.95	342	.01	4	1.12	.02	.16	1	1
28843	4	18	28	444	.1	30	12	740	3.22	79	5	ND	12	224	1.7	18	2	32	2.83	.092	31	36	1.05	315	.01	5	.65	.01	.15	1	4
28844	3	22	22	704	.1	34	10	651	3.82	31	5	ND	12	160	4.9	13	2	40	2.19	.090	35	33	1.06	410	.01	4	.82	.01	.14	1	3
28845	4	19	28	390	.2	33	12	715	3.32	102	5	ND	12	195	1.6	19	2	44	2.75	.090	34	47	1.07	308	.01	5	.78	.01	.17	1	4
28846	3	18	22	157	.1	21	9	712	3.41	59	5	ND	12	303	1.0	14	2	35	2.93	.097	32	23	.72	315	.01	4	1.06	.01	.18	1	4
28847	2	13	35	151	.3	15	8	646	3.45	32	5	ND	14	239	1.8	12	2	41	2.81	.097	35	23	.94	487	.01	4	1.12	.01	.17	2	2
28848	4	11	26	215	.1	25	9	690	3.46	31	5	ND	13	306	1.1	10	2	38	2.97	.097	32	23	.81	360	.01	5	1.00	.02	.18	1	4
28849	4	20	17	177	.2	32	10	542	3.43	32	5	ND	12	250	1.0	6	2	36	2.32	.095	32	23	.99	327	.01	6	.88	.01	.21	1	3
28850	8	47	19	348	.3	85	18	155	2.81	44	5	ND	7	144	2.4	5	2	35	.61	.048	28	26	.46	50	.01	5	.67	.01	.22	1	2
28851	8	38	24	277	.4	81	17	132	2.79	34	5	ND	7	106	1.4	4	2	31	.47	.040	23	24	.46	47	.01	4	.56	.01	.20	1	1
28852	6	35	21	229	.1	70	15	286	3.42	60	5	ND	6	146	.9	10	2	26	.78	.042	26	18	.72	72	.01	4	.59	.01	.20	1	5
28853	3	11	37	106	.3	12	8	886	3.24	526	5	ND	7	293	.8	27	2	15	2.69	.037	13	20	1.11	81	.01	6	.70	.01	.15	1	110
28854	6	15	37	108	.8	11	8	930	3.63	2014	5	2	10	290	1.3	67	2	19	2.71	.031	17	66	1.11	119	.01	7	.73	.01	.18	1	910
28855	3	13	49	146	1.2	7	8	1067	3.74	3442	5	3	9	230	1.1	55	2	18	2.72	.029	17	22	1.15	136	.01	6	.72	.01	.19	1	2640
28856	4	15	61	171	1.4	4	8	1002	3.59	3294	5	5	8	219	2.1	154	2	17	2.41	.037	11	30	1.04	61	.01	6	.63	.01	.17	1	3970
28857	7	27	48	258	1.2	48	13	758	3.64	2943	5	ND	7	213	1.7	544	2	32	1.72	.036	16	41	.78	37	.01	4	.62	.01	.17	1	1680
28858	3	19	124	237	1.8	9	8	1209	3.32	3766	5	4	9	159	1.9	1786	3	36	2.32	.025	14	37	1.01	148	.01	3	.64	.01	.07	1	3760
28859	3	17	37	107	1.3	11	9	1213	3.89	3116	5	4	12	225	1.8	213	2	39	2.81	.028	16	35	1.28	226	.01	4	.72	.01	.07	1	3150
28860	3	18	34	110	.7	12	10	1099	3.63	1890	5	2	12	152	.8	82	2	49	1.34	.037	19	36	.78	482	.01	2	.76	.01	.05	1	2270
28861	3	18	43	111	.4	8	10	941	3.49	1684	5	2	11	133	.7	516	2	45	.85	.034	19	36	.62	480	.01	2	.79	.01	.03	2	2080
28862	5	23	46	128	.4	30	11	811	3.76	833	5	ND	11	195	1.1	445	2	50	1.63	.046	20	30	.83	114	.01	3	.76	.01	.09	1	290
28863	9	41	33	411	.4	82	16	235	3.23	212	5	ND	6	113	2.9	117	2	55	.49	.046	24	25	.41	39	.01	6	.75	.01	.26	1	30
28864	10	41	16	373	.2	92	14	179	3.12	133	5	ND	4	105	2.5	37	2	54	.48	.035	15	27	.38	34	.01	5	.68	.02	.22	1	23
28865	9	44	16	288	.3	87	15	186	3.30	121	5	ND	4	165	2.1	15	2	49	.78	.043	19	27	.65	50	.01	5	.67	.02	.22	1	6
28866	6	38	16	226	.1	82	17	203	3.91	97	5	ND	5	81	.6	16	2	41	.26	.050	21	17	.50	45	.01	6	.76	.02	.27	1	10
28867	7	29	28	308	.1	78	19	652	4.06	576	5	ND	13	153	1.5	120	2	61	.37	.073	30	46	.15	1219	.01	7	1.26	.01	.19	1	69
28868	5	17	36	254	.1	46	15	962	4.24	760	5	ND	15	152	1.2	178	2	51	.39	.047	30	43	.08	989	.01	3	.93	.01	.06	1	58
28869	4	17	37	169	.2	25	18	1326	5.84	2063	5	ND	14	134	.8	141	2	53	.63	.037	26	42	.11	753	.01	4	.77	.01	.07	1	140
28870	4	16	68	204	.9	15	10	1356	4.03	1332	5	ND	14	208	2.1	243	2	33	1.96	.035	23	36	.54	683	.01	5	.76	.01	.11	1	750
28871	4	20	68	260	.8	29	11	1303	4.40	1655	5	ND	14	188	1.1	701	2	37	.83	.042	29	39	.25	1253	.01	5	.84	.01	.09	1	1030
28872	4	19	67	197	.6	21	10	1517	4.76	1006	5	2	15	166	1.1	456	2	43	.94	.054	29	44	.28	745	.01	6	.77	.01	.10	1	1530
28873	4	19	55	203	.1	21	12	1540	4.34	275	5	ND	16	163	.2	109	2	56	.72	.054	30	48	.24	1127	.01	2	1.00	.01	.03	1	74
28874	3	19	53	187	.2	20	14	1449	4.11	198	5	ND	17	174	1.1	74	2	55	1.30	.054	35	40	.48	1085	.01	2	.96	.01	.02	1	36
28875	3	19	53	173	.1	16	13	1315	3.82	190	5	ND	18	197	1.0	68	2	64	1.76	.061	34	43	.73	1217	.01	4	.98	.01	.03	1	26
28876	3	16	37	174	.5	17	13	1274	3.57	764	5	ND	17	190	1.4	202	2	51	1.47	.051	35	37	.50	905	.01	3	.86	.01	.08	1	1010
STANDARD C/AU-R	19	61	37	133	6.8	69	32	1065	3.98	38	21	7	39	52	18.7	15	21	54	.48	.090	39	58	.90	177	.09	34	1.94	.06	.15	12	470

BERC 91-444 LUCKY

BERC 91-445 LUCKY

JUN-18-1991 15:53 FROM ACME ANALYTICAL TO NORANDA YT P.006

JUN-18-1991 15:54 FROM ACME ANALYTICAL TO NORANDA YT P.007

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
28877	4	18	35	150	.2	16	12	937	3.95	355	5	ND	20	240	.7	37	3	66	2.29	.091	46	43	.86	1404	.01	3	1.20	.01	.05	1	280
28878	3	25	53	128	1.0	13	11	1075	4.18	570	6	ND	17	207	.6	3298	2	56	1.52	.056	33	44	.57	1034	.01	2	1.03	.01	.04	3	700
28879	3	18	46	219	.4	24	15	1186	4.26	562	5	ND	21	247	.8	174	2	68	.95	.088	45	45	.36	1679	.01	3	1.30	.01	.03	1	1060
28880	4	19	40	170	.7	26	13	989	3.68	1301	5	ND	13	242	1.6	59	2	31	1.81	.065	28	31	.68	982	.01	5	.86	.01	.17	1	720
28881	3	11	46	131	.4	12	9	844	3.75	660	5	ND	12	307	1.2	30	2	18	2.72	.099	22	23	1.04	65	.01	8	.95	.01	.24	1	140
28882	3	22	42	106	.7	10	9	837	3.86	454	5	ND	9	230	.9	24	3	17	2.64	.062	12	23	1.05	39	.01	6	.82	.01	.18	1	130
28883	3	17	44	124	.4	10	9	1109	3.64	323	5	ND	11	309	.8	27	3	23	2.85	.085	21	24	1.15	530	.01	6	.87	.01	.16	1	100
28884	4	20	31	92	1.1	15	10	1388	4.04	1633	5	5	7	364	.9	29	2	20	3.05	.044	11	49	1.29	47	.01	8	.79	.01	.19	1	3560
28885	3	21	27	82	1.6	11	8	1442	3.61	4998	5	13	7	307	.8	36	2	23	2.65	.048	15	51	1.11	45	.01	9	.95	.01	.20	1	11300
28886	3	17	28	83	2.7	8	7	1555	3.55	7724	5	26	10	220	1.0	46	2	25	2.55	.037	16	35	1.04	81	.01	7	.71	.01	.15	2	22400
28887	3	20	30	112	.6	19	10	852	3.45	895	5	2	13	336	1.2	19	2	21	2.47	.059	28	24	1.04	160	.01	9	.97	.01	.24	2	1950
28888	8	41	38	215	.6	85	16	276	3.41	292	5	ND	9	129	1.4	15	2	32	.68	.050	29	30	.32	40	.01	9	.87	.01	.36	1	70
28889	5	21	63	234	.4	27	10	904	3.75	241	5	ND	11	351	1.9	18	2	31	2.62	.070	27	25	1.11	615	.01	9	1.11	.01	.24	1	35
28890	5	21	61	151	.4	18	8	1099	3.53	156	5	ND	11	434	1.2	16	2	24	3.22	.070	21	30	1.22	144	.01	9	.92	.01	.23	1	22
28891	3	10	58	188	.4	10	10	1104	3.81	444	5	ND	11	149	1.9	36	2	36	2.10	.037	23	30	1.06	286	.01	4	.87	.01	.15	2	90
28892	5	15	30	98	.2	12	10	924	3.54	530	5	ND	9	177	1.0	28	3	38	2.85	.036	18	54	1.20	193	.01	4	.95	.01	.12	1	77
28893	3	11	36	96	.3	12	10	1026	3.79	393	7	ND	10	172	1.4	28	2	46	2.75	.041	19	40	1.24	555	.01	3	.91	.01	.10	2	56
28894	3	15	32	132	.1	14	11	850	3.98	184	5	ND	11	117	.4	21	2	47	1.88	.033	19	33	.82	596	.01	3	1.17	.01	.11	1	62
28895	5	18	33	156	.2	17	12	1005	3.97	145	5	ND	13	183	.7	27	2	52	1.53	.045	24	61	.77	533	.01	4	1.16	.01	.10	2	22
28896	3	15	30	128	.1	14	9	827	3.49	132	5	ND	14	287	1.1	28	2	40	2.32	.045	24	39	.96	888	.01	2	.90	.01	.10	1	43
28897	3	17	33	123	.3	11	9	823	3.49	93	5	ND	14	509	.9	15	2	26	3.43	.066	24	34	1.28	441	.01	5	.84	.01	.13	1	65
28898	3	18	34	116	.2	14	9	855	3.40	91	5	ND	14	272	.9	18	2	38	2.12	.048	29	33	.92	991	.01	3	.82	.01	.10	1	36
28899	4	18	34	113	.3	9	9	912	3.94	96	5	ND	14	144	1.3	14	2	49	1.55	.046	25	59	.88	930	.01	2	1.07	.01	.11	2	33
28900	4	15	27	104	.1	12	9	831	3.89	329	5	ND	12	168	.9	15	2	49	3.30	.047	24	46	1.36	193	.01	2	.91	.01	.09	1	50
28901	4	19	38	128	.2	17	11	919	3.92	139	5	ND	9	120	.9	18	2	48	1.10	.039	21	38	.67	172	.01	6	1.04	.01	.16	1	45
28902	3	11	36	83	.1	7	8	919	3.24	113	5	ND	8	128	.7	18	2	25	1.53	.037	21	36	.74	106	.01	5	.81	.01	.15	1	14
28903	3	9	34	96	.1	8	7	677	3.06	67	5	ND	8	108	.4	12	3	22	1.39	.033	20	33	.67	77	.01	5	.81	.01	.15	1	20
28904	12	48	23	477	.6	69	15	268	3.16	131	5	ND	7	129	4.8	19	2	60	1.03	.078	23	23	.58	33	.01	6	.79	.01	.28	1	29
28905	6	35	15	296	.2	65	17	228	3.64	47	5	ND	3	110	1.7	4	2	35	.56	.041	7	17	.71	31	.01	5	.71	.01	.24	1	10
28906	9	40	19	262	.2	70	17	184	3.47	43	5	ND	3	128	1.5	2	2	35	.56	.032	8	26	.68	33	.01	5	.68	.02	.22	1	18
28907	10	38	20	254	.2	87	21	186	4.19	52	5	ND	3	74	1.0	5	2	26	.35	.032	5	17	.64	24	.01	5	.78	.02	.24	1	16
28908	14	42	22	282	.1	76	18	210	3.89	59	5	ND	2	83	1.0	8	2	28	.42	.040	4	51	.56	33	.01	4	.66	.02	.22	1	26
R145476	4	30	30	177	.4	34	18	1599	4.70	80	5	ND	11	102	3.3	10	2	28	1.13	.120	37	49	.32	876	.01	9	1.30	.01	.32	2	16
R145477	7	16	56	79	.4	4	5	226	3.30	485	5	ND	15	131	1.4	37	2	30	.09	.062	29	61	.07	1270	.01	7	1.45	.01	.29	1	16
R145478	5	10	22	129	.1	12	11	670	3.54	13	5	ND	13	72	1.7	3	2	59	.80	.089	35	77	1.07	263	.06	4	1.71	.06	.20	1	2
R145479	4	9	113	228	.2	47	14	2156	3.18	18	5	ND	14	87	6.7	2	2	28	.66	.092	42	46	.13	1269	.01	14	1.15	.04	.31	2	2
STANDARD C/AU-R	19	61	41	132	7.2	71	34	1054	3.96	38	16	7	37	52	18.7	15	19	56	.48	.094	38	60	.88	176	.09	34	1.93	.06	.15	11	470

LUCKY BARC 91-445

GRAB BOHEMIAN ZONE

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
R145480	4	24	521	736	3.2	15	12	1300	3.46	95	5	ND	9	123	6.8	12	2	19	2.05	.063	29	36	.09	138	.01	8	.82	.01	.22	1	1
R145481	2	14	48	161	.3	8	13	891	5.87	32	5	ND	10	183	1.0	14	2	50	1.58	.065	39	22	.27	1168	.01	8	.92	.01	.13	1	3

JUN-18-1991 15:55 FROM ACME ANALYTICAL TO NORANDA YT P.008

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-046 File # 91-1843 Page 1

1050 Davie St., Vancouver BC V6E 1M4

JUN-21-1991 14:57 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
028909	4	46	13	600	.1	146	42	274	4.67	26	5	ND	3	87	2.8	5	2	37	.21	.027	4	21	.10	359	.01	2	.77	.01	.13	1	17
028910	5	42	21	233	.1	46	8	40	3.21	28	5	ND	2	88	1.9	4	2	34	.52	.033	3	15	.08	331	.01	3	.64	.01	.16	1	8
028911	7	33	15	235	.2	48	10	145	3.53	21	5	ND	2	112	2.1	3	2	38	.40	.031	3	18	.36	357	.01	3	.58	.01	.13	1	3
028912	6	35	16	319	.2	95	22	184	3.25	24	5	ND	2	114	2.4	5	2	35	.59	.023	3	16	.32	225	.01	2	.53	.01	.12	1	3
028913	7	30	23	246	.1	61	15	97	2.57	21	5	ND	2	93	1.1	2	3	32	.38	.022	3	14	.20	263	.01	2	.51	.01	.13	1	1
028914	5	35	16	239	.1	53	16	290	4.02	20	5	ND	2	80	.3	5	2	29	.37	.031	2	13	.60	167	.01	2	.47	.01	.12	1	1
028915	4	31	13	221	.1	43	15	339	4.81	18	5	ND	2	69	.6	2	2	28	.34	.022	3	15	.85	164	.01	2	.50	.01	.12	1	6
028916	6	33	18	247	.2	70	17	170	3.20	23	5	ND	3	93	.9	5	2	31	.54	.038	3	17	.59	81	.01	3	.54	.01	.15	1	2
028917	12	50	18	432	.5	76	13	149	3.01	27	5	ND	2	106	4.0	5	2	58	.65	.095	3	22	.43	46	.01	3	.54	.02	.17	1	1
028918	8	39	15	297	.4	58	15	203	3.94	23	5	ND	2	89	2.3	5	2	37	.54	.061	3	19	.63	45	.01	3	.54	.01	.16	1	1
028919	7	31	20	210	.1	55	15	269	3.44	20	5	ND	4	189	.5	3	2	27	1.24	.042	8	21	.78	70	.01	2	.49	.01	.11	1	1
028920	7	34	21	194	.2	62	17	243	3.63	24	5	ND	4	147	.5	4	2	18	.97	.050	6	15	.69	38	.01	2	.48	.01	.16	1	7
028921	12	34	19	198	.1	82	18	199	4.41	33	5	ND	2	79	.4	2	2	18	.42	.032	3	15	.58	25	.01	3	.51	.01	.15	1	1
028922	9	29	16	198	.2	62	16	208	3.95	30	5	ND	2	72	.6	2	2	19	.51	.031	2	15	.59	25	.01	2	.47	.01	.15	1	1
028923	10	32	15	183	.1	70	14	114	3.72	23	5	ND	1	64	.7	3	2	21	.42	.044	2	17	.36	16	.01	3	.46	.01	.14	1	10
028924	9	34	15	237	.3	72	15	134	3.19	23	5	ND	2	73	1.2	3	2	27	.41	.046	2	21	.40	25	.01	3	.54	.01	.16	1	1
028925	7	33	17	217	.1	63	16	200	3.65	25	5	ND	2	84	.6	2	2	25	.70	.030	2	19	.67	38	.01	2	.55	.01	.16	1	1
028926	6	35	18	235	.2	60	17	206	4.00	21	5	ND	2	90	1.1	3	2	24	.42	.033	2	17	.65	74	.01	3	.51	.01	.14	1	1
028927	4	36	16	215	.1	55	19	250	4.19	14	5	ND	2	54	.5	5	2	20	.24	.027	3	14	.78	174	.01	3	.43	.01	.16	1	2
028928	4	36	20	252	.1	63	19	219	3.74	16	5	ND	2	53	.9	3	2	22	.27	.027	3	13	.61	75	.01	2	.44	.02	.18	1	1
028929	7	37	17	288	.3	73	18	220	3.75	22	5	ND	2	66	1.0	4	2	32	.29	.033	3	16	.57	47	.01	3	.46	.01	.16	1	1
028930	6	37	15	304	.3	65	17	174	3.02	20	5	ND	2	99	1.5	4	2	30	.47	.037	3	20	.54	72	.01	4	.53	.01	.13	1	2
028931	6	40	17	353	.4	67	16	157	3.20	19	7	ND	2	63	2.8	6	2	26	.25	.033	3	15	.47	46	.01	3	.44	.02	.16	1	1
028932	5	36	18	274	.2	59	17	232	3.87	25	5	ND	2	78	1.4	5	2	25	.40	.035	3	13	.70	70	.01	3	.49	.01	.16	1	1
028933	7	39	21	323	.3	75	18	189	3.42	28	5	ND	2	78	2.3	6	2	30	.48	.048	3	19	.58	45	.01	3	.55	.01	.15	1	1
028934	7	36	22	293	.4	78	18	138	3.07	28	9	ND	2	79	1.0	5	2	23	.36	.030	3	16	.44	52	.01	3	.44	.01	.15	1	1
028935	6	37	17	255	.1	71	16	162	3.23	22	5	ND	2	58	1.2	7	2	23	.31	.034	2	16	.47	44	.01	3	.47	.02	.18	1	1
028936	7	35	17	254	.3	66	16	166	3.20	26	6	ND	2	67	.6	5	2	22	.41	.027	3	14	.53	49	.01	4	.42	.01	.14	1	1
028937	24	47	18	587	.6	83	12	135	2.46	29	5	ND	1	106	6.0	8	2	64	.41	.039	2	30	.31	30	.01	6	.43	.01	.16	1	20
028938	6	37	175	281	3.1	29	8	412	3.07	1053	7	2	9	138	7.0	696	4	32	.33	.043	26	31	.20	521	.01	5	.60	.01	.16	2	3560
028939	6	33	85	300	1.8	39	8	251	3.16	1000	7	ND	9	153	5.0	198	2	40	.23	.044	27	32	.13	328	.01	8	.75	.01	.20	1	1640
028940	3	22	29	248	.7	25	11	786	3.21	603	5	ND	11	359	2.0	31	2	23	1.63	.083	32	27	.65	347	.01	6	.55	.01	.18	1	610
028941	4	18	24	162	.5	22	10	681	3.14	864	5	ND	11	309	1.1	25	2	18	1.54	.071	29	33	.63	392	.01	6	.46	.01	.19	1	420
028942	4	39	19	176	.2	42	8	142	3.27	194	5	ND	7	118	1.2	11	2	23	.33	.039	22	15	.17	604	.01	5	.55	.01	.19	1	200
028943	4	29	17	362	.3	65	20	520	3.53	61	5	ND	5	167	1.0	8	2	22	.72	.035	12	17	.44	261	.01	5	.50	.01	.19	1	17
028944	5	26	21	253	.2	35	10	179	2.70	53	5	ND	2	95	2.2	5	2	25	.28	.032	4	21	.28	407	.01	4	.44	.02	.20	1	15
STANDARD C/AU-R	18	64	36	132	7.4	69	33	1050	3.97	37	21	7	38	52	18.7	15	21	56	.48	.088	38	58	.88	177	.09	34	1.94	.07	.15	11	510

Lucky 91-446 BCRC

Lucky 91-447 BCRC

Lucky 91-448 BCRC

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 18 1991 DATE REPORT MAILED: June 21/91. SIGNED BY .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
028945	7	26	19	180	.2	18	3	26	1.93	41	5	ND	2	105	.2	2	2	31	.17	.025	3	20	.06	883	.01	5	.47	.02	.20	1	25
028946	5	36	19	271	.1	48	12	178	3.05	70	5	ND	2	93	2.5	4	2	28	.24	.035	4	19	.38	161	.01	4	.59	.02	.27	1	24
028947	5	40	19	320	.3	63	14	228	3.50	130	5	ND	2	83	3.3	8	2	25	.33	.037	5	14	.45	63	.01	3	.49	.01	.17	1	42
028948	4	42	15	308	.2	58	18	254	3.66	77	5	ND	2	72	1.5	5	2	23	.30	.043	4	13	.60	132	.01	4	.49	.02	.25	1	28
028949	6	42	21	332	.2	73	16	204	3.32	47	5	ND	2	93	1.8	5	2	29	.46	.045	3	19	.57	70	.01	3	.44	.01	.17	1	20
028950	4	37	15	282	.2	48	16	280	4.09	46	5	ND	2	67	1.1	4	4	27	.29	.032	4	13	.74	144	.01	4	.50	.02	.17	1	21
028951	4	35	16	237	.1	58	17	251	4.09	42	5	ND	2	88	1.2	4	2	22	.44	.032	3	12	.72	132	.01	3	.44	.01	.18	1	10
028952	11	43	43	325	.5	64	13	163	3.22	41	5	ND	3	147	2.8	13	2	41	.79	.073	7	27	.63	41	.01	4	.56	.02	.21	1	2
028953	6	38	18	237	.2	61	17	190	3.56	21	5	ND	2	83	.6	3	2	24	.34	.030	3	20	.61	59	.01	3	.56	.02	.22	1	5
028954	7	38	28	266	.2	72	17	226	3.78	57	5	ND	2	126	1.0	9	2	24	.68	.039	3	18	.69	43	.01	2	.47	.01	.15	1	36
028955	3	34	10	209	.1	43	17	298	4.61	21	5	ND	2	60	.2	2	2	22	.31	.032	3	13	.84	190	.01	2	.47	.01	.17	1	1
028956	5	36	13	229	.2	53	16	238	3.99	22	5	ND	2	74	.7	2	3	22	.37	.032	3	15	.73	135	.01	3	.48	.01	.16	1	9
028957	4	18	32	134	.8	16	9	1085	3.48	1228	5	ND	11	155	1.2	46	2	15	1.25	.030	27	26	.35	648	.01	9	.59	.01	.17	1	560
028958	3	18	27	189	.3	18	9	757	3.07	409	5	ND	8	135	1.1	34	3	14	1.44	.029	21	23	.55	639	.01	5	.52	.01	.13	1	210
028959	6	13	42	167	1.2	21	7	977	2.93	1357	5	6	8	130	1.1	21	2	12	.76	.038	17	47	.28	446	.01	7	.57	.01	.15	1	6150
028960	4	12	38	147	.8	19	7	970	2.76	963	5	3	10	225	1.0	19	2	11	1.58	.067	17	28	.41	361	.01	7	.53	.01	.16	1	2600
028961	3	15	32	126	.3	12	7	561	2.56	229	5	ND	9	297	1.0	12	2	9	2.34	.075	19	24	.69	235	.01	7	.43	.01	.17	1	450
028962	5	21	33	136	.3	28	10	562	3.38	123	5	ND	11	330	.7	11	2	15	2.40	.094	26	23	.66	215	.01	6	.42	.01	.18	1	59
028963	7	24	51	160	.4	73	14	650	4.09	182	5	ND	9	112	.8	13	2	22	.60	.030	30	27	.20	414	.01	8	.60	.01	.23	1	21
028964	9	30	22	161	.3	90	15	427	3.38	141	5	ND	10	98	.8	12	3	30	.31	.056	34	26	.15	513	.01	8	.70	.01	.30	1	16
028965	6	35	14	158	.2	59	13	273	3.45	179	5	ND	8	163	.9	11	2	30	.57	.055	32	28	.22	585	.01	7	.65	.01	.24	1	40
028966	3	23	12	355	.4	57	20	643	5.56	120	5	ND	7	268	2.9	14	2	34	2.25	.136	22	48	.79	126	.01	4	.95	.01	.14	1	2
028967	4	34	24	345	.4	76	19	310	3.73	73	5	ND	9	95	2.3	8	2	29	.69	.072	33	27	.40	234	.01	5	.60	.02	.24	1	4
028968	5	30	26	473	.3	76	21	522	3.89	67	5	ND	8	132	3.8	8	2	38	.97	.086	30	35	.62	373	.01	6	.70	.01	.22	1	11
028969	3	26	14	214	.1	54	16	508	3.42	107	5	ND	11	159	1.5	6	2	46	1.62	.092	37	41	.94	471	.01	4	1.18	.02	.24	1	13
028970	4	16	11	127	.1	28	11	533	3.12	56	5	ND	11	222	1.3	6	3	48	2.32	.096	32	51	1.22	329	.01	3	1.36	.02	.21	1	36
028971	3	21	14	181	.1	38	13	506	3.54	52	5	ND	10	180	1.4	2	2	48	1.84	.084	33	43	1.00	369	.01	4	1.38	.02	.24	1	1
028972	4	28	16	218	.3	40	16	750	4.22	53	5	ND	10	208	2.1	15	2	55	2.40	.108	34	74	1.40	439	.01	5	1.81	.03	.23	1	1
028973	5	35	21	260	.2	78	20	279	3.61	72	5	ND	8	106	.8	7	2	27	.42	.045	26	23	.51	153	.01	5	.60	.02	.25	1	17
028974	3	36	13	251	.2	71	21	376	4.40	44	5	ND	9	144	1.1	6	2	28	.48	.046	32	19	.57	250	.01	5	.61	.02	.26	1	1
028975	8	56	18	54	4.3	23	5	45	1.41	462	5	ND	4	32	1.3	3080	2	9	.06	.005	12	92	.03	111	.01	4	.27	.01	.09	1	1130
028976	6	36	19	223	.4	67	16	217	3.14	37	5	ND	7	160	1.5	9	2	30	.75	.043	24	22	.49	85	.01	4	.61	.02	.21	1	9
028977	5	32	10	223	.1	53	14	275	4.08	33	5	ND	4	167	1.5	5	2	32	.75	.031	11	25	.85	119	.01	3	.57	.01	.18	1	6
028978	5	35	15	236	.1	56	16	230	3.31	50	5	ND	3	183	1.6	7	2	31	.91	.033	7	22	.74	83	.01	3	.59	.02	.19	1	19
028979	4	33	66	113	4.4	9	6	769	2.86	3791	5	7	4	167	1.1	15389	2	11	1.37	.030	17	42	.34	197	.01	5	.42	.01	.12	1	6970
028980	4	29	32	91	1.8	12	8	801	3.20	3415	5	5	10	154	.8	2510	2	13	1.33	.068	23	30	.39	489	.01	4	.53	.01	.16	1	4790
STANDARD C/AU-R	19	65	42	132	7.0	71	34	1065	3.99	37	18	6	37	52	18.6	15	20	56	.49	.091	38	60	.88	176	.09	34	1.93	.06	.14	11	470

JUN-21-1991 14:58 FROM ACME ANALYTICAL TO NORANDA YT P.003

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
028981	3	19	32	85	.5	13	10	771	3.21	1263	5	ND	8	135	.3	1090	2	15	1.64	.081	23	9	.50	577	.01	3	.45	.01	.13	1	1770
028982	3	16	14	79	.2	15	10	635	3.10	326	5	ND	10	248	.3	322	2	18	2.38	.092	26	18	.73	217	.01	4	.43	.01	.13	1	380
028983	4	19	22	58	.1	12	9	588	2.72	104	5	ND	9	331	.3	78	2	8	2.51	.084	21	25	.80	131	.01	4	.38	.01	.14	1	76
028984	4	17	14	71	.1	18	10	599	2.94	117	5	ND	9	321	.2	114	2	10	2.38	.085	23	27	.71	143	.01	3	.54	.01	.16	1	47
028985	3	18	23	114	.1	15	10	709	2.96	217	5	ND	8	160	.2	188	2	15	1.73	.084	27	15	.57	291	.01	4	.41	.01	.13	1	200
028986	4	17	24	134	.1	20	9	431	2.55	234	5	ND	9	127	.6	224	2	10	1.17	.081	25	19	.39	164	.01	4	.54	.01	.16	1	96
028987	4	26	24	103	.1	22	10	326	2.94	226	5	ND	9	173	.3	260	2	8	1.44	.079	20	24	.43	194	.01	2	.56	.01	.17	1	250
028988	4	25	21	108	.1	36	11	333	3.05	299	8	ND	7	141	.2	214	2	12	.99	.065	23	15	.33	218	.01	7	.60	.01	.17	1	210
028989	3	12	22	147	.3	30	11	806	3.11	1131	5	ND	9	255	.6	102	2	17	1.60	.039	20	13	.57	501	.01	9	.47	.01	.14	1	1220
028990	3	10	21	213	.1	30	11	726	2.88	606	5	ND	10	216	.8	123	2	23	1.62	.046	20	14	.54	651	.01	2	.51	.01	.10	1	1730
028991	3	10	17	201	.1	31	13	648	3.20	129	5	ND	12	223	.5	102	2	26	2.03	.093	33	23	.63	281	.01	2	.58	.01	.14	1	240
028992	6	9	30	136	.1	57	10	425	2.58	171	5	ND	7	249	.6	104	2	26	1.68	.063	25	18	.58	452	.01	8	.54	.01	.18	1	260
028993	6	15	20	134	.1	79	13	411	2.83	222	5	ND	7	172	.4	85	2	30	.88	.040	30	18	.44	177	.01	2	.52	.01	.18	1	100
028994	4	34	17	193	.1	73	18	327	3.21	118	5	ND	7	78	.6	36	2	24	.35	.041	35	8	.40	348	.01	3	.43	.01	.19	1	47
028995	3	34	23	243	.1	67	20	339	4.16	56	9	ND	7	72	.6	22	2	26	.35	.037	35	17	.68	278	.01	4	.49	.02	.22	1	24
028996	6	35	32	280	.1	95	19	224	3.46	63	5	ND	5	57	.6	26	4	25	.28	.044	18	12	.43	72	.01	3	.41	.01	.19	1	18
028997	4	29	17	238	.1	66	17	253	3.48	50	5	ND	5	60	.5	12	2	23	.29	.028	18	12	.54	104	.01	5	.41	.01	.19	1	15
028998	3	19	43	295	.3	19	11	819	3.66	1067	5	ND	6	201	5.1	85	3	33	2.23	.020	21	21	.63	539	.01	2	.46	.01	.11	1	640
028999	3	12	29	172	.4	13	10	932	3.58	2365	5	ND	6	266	1.4	42	3	12	2.20	.019	19	17	.66	635	.01	3	.37	.01	.11	1	1840
029000	4	17	27	103	.1	17	11	782	3.53	484	5	ND	6	244	.9	28	2	25	3.30	.039	21	29	.82	655	.01	3	.56	.01	.15	1	290
029001	4	16	26	120	.1	15	11	700	3.62	163	5	ND	8	126	.4	25	2	38	2.35	.088	29	37	.47	427	.01	2	.69	.01	.18	1	51
029002	3	10	19	94	.2	11	9	689	3.58	219	6	ND	11	227	.4	92	3	29	2.99	.085	27	27	.54	186	.01	4	.82	.02	.18	1	67
029003	4	11	21	84	.1	11	9	701	3.42	123	5	ND	11	379	.3	51	2	15	2.85	.088	26	33	.77	153	.01	5	.56	.01	.24	1	52
029004	4	9	39	100	.3	9	9	700	3.45	195	6	ND	12	244	.2	39	2	22	2.61	.079	29	28	.79	325	.01	8	.58	.01	.19	1	16
029005	3	8	39	131	.2	12	9	998	3.28	190	5	ND	9	200	.7	40	2	23	2.66	.041	26	14	.83	748	.01	5	.59	.01	.15	1	11
029006	3	15	32	89	.8	10	7	1277	3.48	2062	5	6	1	180	.5	20866	2	21	2.42	.031	13	36	.82	177	.01	6	.59	.01	.17	1	7290
029007	2	18	13	54	.8	8	7	833	3.23	2330	5	3	1	236	.2	24290	2	10	2.23	.020	8	26	.79	87	.01	2	.37	.01	.13	1	6380
029008	4	17	21	50	1.3	8	7	847	3.26	6071	5	11	4	250	.2	7997	5	13	2.25	.018	10	34	.82	110	.01	3	.36	.01	.13	1	10100
029009	3	15	29	68	1.0	9	7	926	3.15	6177	5	6	5	250	.2	364	2	12	2.11	.018	12	22	.79	140	.01	3	.37	.01	.15	1	7960
029010	3	18	34	46	1.7	7	7	785	2.64	5045	5	6	5	196	.3	119	2	8	1.64	.016	13	14	.62	223	.01	6	.31	.01	.13	1	7130
029011	3	16	26	33	.9	6	6	737	2.50	4746	5	3	6	272	.2	116	2	6	2.40	.013	12	15	.83	256	.01	2	.32	.01	.14	1	3510
029012	3	16	19	38	.1	7	6	720	2.33	2104	5	ND	6	347	.2	74	3	5	2.74	.026	11	15	.83	316	.01	2	.35	.01	.14	1	580
029013	3	17	22	39	.1	10	6	738	2.47	911	5	ND	6	375	.2	51	2	7	3.09	.056	13	13	.87	322	.01	6	.36	.01	.15	1	200
029014	4	17	30	53	.1	27	8	617	2.73	111	5	ND	6	387	.2	26	4	11	2.68	.064	21	17	.95	289	.01	2	.38	.01	.15	1	11
029015	3	14	25	111	.1	15	10	714	3.46	371	5	ND	9	440	.6	173	2	14	3.12	.066	21	19	1.16	375	.01	2	.40	.01	.15	1	240
029016	4	14	29	90	.1	13	10	689	3.39	833	5	ND	6	399	.5	160	2	14	3.09	.024	15	40	1.14	170	.01	2	.46	.01	.15	1	310
STANDARD C/AU-R	20	59	42	134	6.7	72	33	1081	3.99	38	18	7	39	52	18.6	15	20	56	.49	.090	39	59	.90	181	.09	34	1.93	.06	.15	11	510

Lucky Bore 91-450

Lucky Bore 91-451

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-046 FILE # 91-1843

ACME ANALYTICAL

Lucky Berc 91-457

Berc 91-458 Lucky

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
029017	5	4	42	147	.3	9	9	786	2.84	2145	5	ND	7	463	.6	144	2	10	2.95	.059	15	56	.95	114	.01	7	.41	.01	.18	1	750
029018	3	12	26	97	.1	13	9	632	2.95	197	6	ND	7	338	.2	98	2	15	2.45	.075	20	25	.88	174	.01	6	.36	.01	.14	1	230
029019	7	28	19	215	.5	57	17	342	3.30	989	5	ND	4	191	1.1	92	2	21	.95	.032	13	25	.67	47	.01	6	.46	.01	.21	1	1270
029020	12	36	20	359	.3	66	15	203	3.33	194	5	ND	1	182	3.1	60	2	45	1.16	.073	9	20	.73	52	.01	2	.46	.01	.18	1	220
029021	8	30	15	223	.1	56	13	161	2.95	76	5	ND	1	125	1.0	43	2	19	.69	.039	5	14	.59	70	.01	9	.37	.01	.15	1	11
029022	8	33	15	207	.3	62	18	276	4.18	120	5	ND	3	123	.9	33	2	24	.66	.038	6	26	.81	84	.01	6	.46	.02	.18	1	52
029023	3	13	28	125	.1	12	11	669	3.04	160	5	ND	12	171	.5	41	4	44	2.57	.094	39	33	.50	449	.01	6	.60	.01	.16	1	3
029024	3	11	28	117	.1	16	12	604	3.19	107	5	ND	13	112	.5	23	2	41	1.85	.099	37	30	.39	297	.01	2	.65	.01	.14	1	7
029025	3	12	22	103	.1	15	11	692	3.02	102	5	ND	10	170	.5	31	2	36	2.39	.088	31	36	.63	391	.01	5	.63	.01	.17	1	9
029026	3	15	17	102	.1	16	11	655	3.04	65	5	ND	10	259	.4	17	2	33	2.78	.084	27	35	.89	220	.01	5	.56	.01	.18	1	4
029027	3	16	18	97	.1	17	11	695	3.15	81	5	ND	9	247	.2	26	2	31	2.70	.087	32	31	.92	191	.01	9	.54	.01	.19	1	3
029028	3	14	18	98	.1	13	9	622	3.32	67	5	ND	11	234	.3	16	2	17	2.06	.083	33	13	.75	256	.01	8	.64	.01	.20	1	11
029029	3	7	29	124	.3	14	11	681	3.36	75	5	ND	14	232	.3	28	2	31	2.76	.090	39	19	.91	571	.01	10	.57	.01	.19	1	2
029030	2	2	44	112	.2	10	10	763	3.51	44	5	ND	12	216	.2	18	2	33	2.58	.064	34	26	.85	574	.01	9	.79	.01	.17	1	7
029031	2	3	68	234	.1	10	9	820	3.62	62	5	ND	9	145	1.4	22	2	35	1.76	.025	27	30	.65	566	.01	3	.84	.01	.14	1	5
029032	2	1	76	275	.4	8	9	798	3.42	81	5	ND	9	162	1.9	19	2	36	1.72	.028	30	27	.56	676	.01	3	.86	.01	.15	1	4
029033	2	6	140	196	.3	8	8	711	3.29	53	5	ND	8	173	.7	10	2	39	2.10	.026	27	27	.67	676	.01	5	.92	.01	.14	1	2
029034	2	6	127	183	.4	8	10	802	3.53	92	5	ND	11	171	.9	22	2	34	2.02	.030	31	29	.73	673	.01	14	.90	.01	.18	1	2
029035	2	10	38	117	.1	8	11	765	3.50	96	5	ND	9	160	.9	16	2	35	1.36	.038	31	26	.54	993	.01	7	.92	.01	.17	1	2
029036	3	6	32	139	.1	8	10	780	3.61	70	5	ND	11	188	.7	10	2	40	2.02	.042	32	45	.74	904	.01	7	1.25	.01	.22	1	6
029037	3	9	28	156	.3	11	11	647	3.95	70	7	ND	14	138	.9	14	2	39	2.09	.091	31	39	.74	289	.01	7	.99	.01	.23	1	4
029038	4	17	14	97	.3	9	10	563	3.52	299	5	ND	12	174	.2	13	5	37	2.64	.091	26	32	.62	198	.01	5	.83	.01	.22	1	3
029039	4	16	16	82	.1	15	10	476	3.41	334	7	ND	7	202	.2	6	6	27	2.55	.064	19	27	.72	132	.01	2	.54	.02	.23	1	3
029040	3	10	33	137	.1	9	7	653	2.88	38	5	ND	9	267	.7	4	2	22	2.86	.076	21	29	.71	154	.01	11	.59	.02	.25	1	4
029041	3	6	31	103	.1	12	10	646	3.11	24	5	ND	8	250	.2	3	5	36	2.79	.081	25	58	.93	163	.01	5	.86	.03	.24	1	4
029042	3	7	18	99	.1	10	9	562	2.83	136	5	ND	8	267	.3	2	2	39	2.58	.078	25	45	.94	143	.01	7	.74	.02	.16	1	14
029043	2	16	10	84	.1	12	8	555	2.95	31	5	ND	8	257	.2	2	2	49	2.69	.077	28	45	1.05	131	.01	2	1.10	.03	.17	1	16
029044	5	13	17	98	.1	13	10	529	3.20	26	5	ND	13	239	.2	2	2	72	2.57	.092	37	78	1.27	352	.02	2	1.60	.05	.34	1	5
029045	3	12	10	87	.1	15	10	529	3.19	31	5	ND	12	225	.4	2	2	75	2.44	.090	38	65	1.28	381	.08	2	1.56	.04	.34	1	2
029046	4	8	91	150	.1	10	9	532	3.16	17	5	ND	14	220	.5	2	2	73	2.47	.088	39	76	1.25	343	.06	2	1.64	.05	.31	1	7
029047	6	15	607	354	.6	30	10	428	2.91	72	5	ND	9	172	1.2	10	2	49	1.88	.072	29	45	.95	199	.01	4	1.14	.02	.24	1	4
029048	6	17	89	149	.3	48	11	358	2.41	122	5	ND	10	137	.9	9	2	36	1.40	.066	32	30	.64	259	.01	4	.90	.01	.27	1	5
029049	10	24	41	63	.1	80	12	289	2.39	193	5	ND	6	127	.2	10	2	32	1.08	.045	26	37	.55	107	.01	4	.79	.02	.27	1	12
029050	10	35	35	207	.2	83	16	167	3.06	76	5	ND	5	129	.9	8	2	30	.92	.053	22	22	.55	60	.01	4	.48	.02	.20	1	9
029051	8	38	21	338	.2	71	18	212	3.57	50	5	ND	3	129	2.3	5	2	39	.65	.081	14	20	.62	66	.01	9	.54	.02	.21	1	6
029052	6	35	19	315	.2	75	17	167	3.01	62	5	ND	1	92	1.8	8	2	31	.45	.045	3	15	.49	96	.01	2	.45	.01	.16	1	45
STANDARD C/AU-R	18	55	37	133	7.1	72	32	1065	4.05	37	23	7	40	52	18.6	14	20	56	.49	.092	39	60	.92	184	.09	33	1.90	.06	.15	13	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
029053	3	54	27	289	.1	104	27	600	4.73	709	5	ND	10	60	.8	36	2	36	.19	.042	37	58	.30	1183	.01	10	1.14	.01	.22	1	20
029054	5	56	54	219	.4	88	22	600	4.07	358	5	ND	12	47	.6	32	2	36	.18	.035	37	81	.33	1190	.01	8	1.40	.01	.35	1	7
029055	4	39	29	144	.2	41	15	208	3.59	832	5	ND	7	59	.4	36	2	15	.11	.023	15	48	.07	992	.01	4	.57	.01	.27	1	230
029056	4	35	25	141	.1	44	15	333	3.64	282	5	ND	7	44	.2	30	2	15	.11	.019	8	57	.06	847	.01	7	.51	.01	.22	1	6
029057	3	42	32	173	.3	45	15	338	4.12	322	5	ND	8	44	.2	46	4	14	.13	.022	7	30	.06	903	.01	3	.51	.01	.23	1	9
029058	4	46	28	166	.2	45	15	175	4.36	328	5	ND	6	40	.3	101	2	16	.10	.012	5	41	.06	1839	.01	5	.48	.01	.23	1	1
029059	6	61	28	195	.2	43	14	114	4.37	348	6	ND	8	51	.2	195	4	26	.10	.017	7	64	.09	2124	.01	14	1.01	.01	.46	1	14
029060	3	27	28	111	.2	24	8	34	3.41	205	5	ND	7	46	.2	145	2	15	.10	.024	6	19	.06	675	.01	5	.50	.01	.27	1	5
029061	4	32	29	119	.3	26	8	52	4.14	879	5	ND	6	39	.2	257	2	21	.10	.023	5	30	.06	557	.01	4	.56	.01	.30	1	14
029062	5	46	35	95	.8	17	7	40	3.44	1204	5	ND	8	35	.2	198	2	16	.05	.013	6	46	.05	587	.01	8	.55	.01	.34	2	180
029063	4	45	33	57	.6	7	3	12	2.57	1767	12	ND	8	37	.2	104	3	15	.01	.020	6	27	.04	338	.01	9	.59	.01	.41	1	490
029064	3	51	28	61	.5	7	4	8	2.06	402	5	ND	8	32	.2	106	2	17	.01	.026	7	28	.03	487	.01	7	.55	.01	.31	1	9
029065	2	53	18	83	.5	17	8	29	2.71	556	5	ND	8	38	.5	84	2	21	.03	.029	7	30	.05	439	.01	6	.58	.01	.33	1	5
029066	3	61	23	109	.1	31	10	58	2.48	615	5	ND	6	29	.2	79	2	24	.02	.021	5	45	.03	391	.01	6	.56	.01	.32	1	2
029067	4	71	21	95	.5	22	9	48	2.74	1380	5	ND	8	40	.2	86	2	21	.07	.026	6	45	.05	272	.01	6	.51	.01	.34	1	570
029068	3	78	22	150	.3	40	14	125	3.43	1754	5	ND	6	43	.2	117	2	18	.08	.030	5	29	.05	128	.01	4	.69	.01	.27	1	740
029069	4	63	27	185	.8	34	15	176	3.74	2337	5	ND	7	56	.7	94	2	18	.10	.027	5	36	.05	126	.01	5	.71	.01	.30	1	990
029070	3	54	25	230	.2	34	15	233	4.24	2755	5	ND	4	65	.2	77	2	17	.11	.022	5	29	.04	125	.01	7	.52	.01	.25	1	810
029071	3	46	19	131	3.6	34	13	126	3.39	5510	5	3	6	105	.7	1159	2	18	.13	.010	11	28	.07	62	.01	6	.60	.01	.22	1	4930
029072	4	57	28	92	1.1	30	13	116	3.29	2787	5	ND	3	91	.4	143	2	15	.13	.018	5	35	.08	58	.01	7	.51	.01	.24	1	1820
029073	12	26	29	37	2.0	13	4	31	1.52	817	5	ND	2	35	.2	216	2	14	.05	.009	4	149	.03	112	.01	10	.36	.01	.20	2	510
029074	11	21	7	16	1.0	6	3	27	1.03	294	5	ND	2	32	.2	72	2	8	.03	.009	6	146	.02	209	.01	10	.21	.01	.12	1	310
029075	6	35	21	195	.1	66	18	274	3.79	105	5	ND	7	255	1.1	17	7	30	.77	.036	28	28	.64	136	.01	2	.55	.01	.22	1	64
029076	5	64	22	142	5.3	52	13	110	2.70	898	5	ND	4	70	1.4	2732	3	13	.25	.010	10	47	.11	60	.01	7	.48	.01	.19	1	1020
029077	6	34	35	130	1.1	45	13	217	2.73	765	5	ND	4	58	.4	313	2	10	.57	.008	5	57	.23	60	.01	9	.45	.01	.21	1	460
029078	4	32	57	188	.4	39	15	274	3.27	789	5	ND	5	49	.2	73	2	9	.58	.014	5	47	.29	71	.01	7	.35	.01	.22	1	470
029079	5	26	29	97	.5	31	13	196	2.87	807	7	ND	3	118	.2	54	2	8	.81	.006	5	52	.34	65	.01	7	.31	.01	.19	1	540
029080	5	32	17	118	.4	36	13	213	3.03	930	5	ND	4	80	.2	45	2	8	.72	.008	5	51	.30	55	.01	8	.31	.01	.19	2	400
029081	8	39	22	141	.2	25	12	197	2.82	876	5	ND	6	44	.2	626	2	18	.10	.017	12	79	.06	401	.01	3	.46	.01	.19	1	300
029082	7	61	21	200	.1	36	15	225	3.10	830	14	ND	8	33	.7	176	2	14	.09	.015	9	63	.04	321	.01	7	.47	.01	.20	1	170
029083	5	56	13	244	.1	46	14	223	2.99	709	5	ND	6	33	.8	204	2	14	.10	.014	9	48	.06	353	.01	6	.57	.01	.21	1	160
029084	6	63	21	247	.3	45	16	270	3.79	1614	6	ND	7	46	1.6	444	2	17	.10	.017	13	45	.04	332	.01	3	.58	.01	.18	1	330
029085	6	38	36	184	2.1	30	11	104	3.95	2232	5	ND	16	66	1.8	1791	2	20	.08	.028	48	59	.03	653	.01	5	.57	.01	.16	2	1220
029086	8	30	42	175	1.5	21	10	59	4.69	3576	5	3	19	77	.8	872	2	26	.02	.031	56	69	.02	553	.01	2	.73	.01	.19	2	2390
029087	6	18	51	120	.8	16	7	26	3.24	3241	5	2	19	73	.2	558	2	21	.01	.030	59	44	.01	479	.01	9	.48	.01	.15	1	1550
029088	8	19	304	71	3.9	8	5	45	2.51	2275	5	2	16	60	.5	516	2	21	.03	.027	42	67	.04	597	.01	6	.39	.01	.14	1	1220
STANDARD C/AU-R	18	59	39	135	7.3	70	31	1063	4.02	36	21	6	41	53	18.9	15	18	56	.49	.092	40	60	.91	177	.09	32	1.90	.07	.15	11	510

BLUE BERC 91-453

BLUE BERC 91-454

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
029089	8	35	244	48	.9	17	3	44	2.32	1346	5	ND	6	49	.3	652	2	46	.07	.012	15	82	.03	447	.01	4	.33	.01	.15	1	350
029090	5	36	31	35	1.9	15	4	13	3.21	4421	5	ND	5	43	.5	351	2	20	.01	.012	14	46	.03	397	.01	8	.54	.01	.27	1	2150
029091	6	55	28	161	.3	30	12	181	3.97	1690	5	ND	3	38	.2	254	2	23	.02	.018	5	56	.03	532	.01	10	.49	.01	.26	1	130
029092	5	84	17	65	3.7	26	8	66	2.84	2506	5	2	1	26	.9	17422	2	28	.03	.009	3	54	.03	73	.01	8	.38	.01	.19	1	3460
029093	4	114	12	67	4.4	34	7	26	2.63	1729	5	ND	1	110	1.1	29255	4	54	.14	.004	4	46	.07	43	.01	6	.42	.01	.17	1	2520
029094	3	87	20	28	3.6	26	8	10	2.63	4194	5	4	2	33	.7	5927	2	17	.08	.006	4	30	.05	62	.01	9	.46	.01	.23	1	5790
029095	3	106	43	68	2.2	21	8	38	2.99	3716	5	2	1	40	.2	670	2	17	.08	.008	3	26	.05	98	.01	7	.40	.01	.25	1	4240
029096	4	48	26	104	.4	27	10	131	3.07	970	5	ND	1	58	.2	807	2	18	.10	.012	4	35	.05	245	.01	12	.43	.01	.28	1	140
029097	4	22	27	168	.3	30	12	190	3.37	1233	5	ND	2	68	.2	852	2	19	.11	.011	5	27	.05	302	.01	8	.43	.01	.27	1	61
029098	3	15	27	122	.3	28	11	108	3.11	2978	5	ND	2	72	.2	291	2	22	.11	.015	6	28	.05	209	.01	11	.45	.01	.28	1	620
029099	8	43	20	84	3.4	25	10	90	2.14	1027	5	ND	1	68	1.2	6190	2	22	.07	.011	5	88	.04	140	.01	11	.56	.01	.25	1	870
029100	7	30	14	32	1.2	15	4	28	1.43	1490	5	ND	3	29	.3	572	2	9	.05	.005	6	79	.03	145	.01	6	.27	.01	.14	1	2180
029101	7	26	37	35	1.6	12	4	35	1.39	379	8	ND	4	43	.2	134	5	10	.08	.008	9	80	.05	168	.01	10	.28	.01	.17	2	560
029102	3	71	36	172	3.2	64	22	915	4.02	2723	5	2	8	408	1.3	246	2	52	3.35	.027	24	121	1.51	106	.01	7	.54	.01	.10	2	2320
029103	9	28	15	40	1.0	25	6	161	1.38	1069	5	ND	2	114	.4	162	2	13	.58	.009	11	112	.26	216	.01	9	.31	.01	.11	2	760
029104	8	24	175	19	.6	16	4	57	.89	247	7	ND	1	30	.2	125	3	7	.15	.008	5	99	.07	160	.01	5	.25	.01	.12	2	130
029105	5	32	47	71	.8	39	13	314	2.40	137	5	ND	7	111	.5	98	2	21	1.05	.034	25	71	.50	145	.01	2	.35	.01	.17	2	74
029106	7	31	34	96	.3	40	13	272	2.60	189	5	ND	2	63	.5	115	3	10	.58	.006	8	73	.23	79	.01	10	.46	.01	.24	2	120
029107	6	22	20	116	.5	34	11	312	2.89	245	5	ND	2	135	.2	52	3	11	1.10	.040	6	54	.41	73	.01	10	.36	.01	.19	2	130
029108	2	57	10	229	.3	199	45	834	7.94	346	5	ND	3	110	.9	117	2	83	.94	.090	31	122	2.11	1756	.11	5	3.39	.11	.31	1	54
029109	5	55	20	244	.2	66	22	420	4.50	402	5	ND	8	60	.5	318	2	32	.21	.044	37	46	.34	1484	.01	9	1.09	.02	.34	1	84
029110	3	77	7	294	.1	181	39	668	7.04	360	5	ND	5	75	1.6	324	2	73	.52	.072	33	95	1.31	1228	.03	2	2.87	.05	.27	1	39
029111	6	59	21	184	.1	53	15	215	3.85	670	5	ND	7	31	.4	339	2	23	.12	.035	31	54	.12	394	.01	10	.67	.01	.23	1	41
029112	7	42	18	101	.9	27	9	149	3.08	1914	5	ND	5	83	.2	504	2	24	.09	.017	20	57	.08	404	.01	8	.59	.01	.30	1	1950
029113	5	18	16	34	2.5	10	3	51	4.00	3485	5	5	3	163	.2	1046	2	25	.11	.020	7	39	.06	593	.01	7	.48	.01	.31	1	6140
029114	6	20	21	46	3.0	8	4	30	2.94	2320	5	3	3	87	.2	1853	2	32	.03	.024	6	47	.04	674	.01	5	.52	.01	.30	1	6260
029115	4	12	23	19	1.7	6	2	22	1.57	2050	5	ND	2	52	.2	356	2	17	.02	.013	5	52	.04	344	.01	11	.48	.01	.37	1	2380
029116	2	13	17	6	2.6	2	1	15	.76	2435	5	ND	2	34	.2	129	2	13	.01	.012	5	31	.04	365	.01	10	.46	.01	.26	1	3640
029117	4	55	21	13	8.6	5	1	14	1.06	1298	6	3	1	31	.3	15349	3	21	.01	.008	6	50	.03	140	.01	9	.36	.01	.24	1	7030
029118	6	82	15	13	5.4	15	2	24	.59	173	5	ND	1	16	.9	10656	2	9	.01	.005	6	99	.02	211	.01	6	.25	.01	.07	1	970
029119	6	36	17	7	1.2	4	2	13	.76	126	5	ND	4	64	.2	588	2	14	.01	.012	9	75	.02	583	.01	8	.40	.01	.21	1	380
029120	4	54	26	31	.1	15	5	28	1.71	351	5	ND	1	90	.2	113	2	9	.05	.014	5	53	.04	120	.01	12	.42	.01	.24	1	120
029121	6	35	14	28	.9	18	7	35	1.91	569	5	ND	3	47	.2	81	2	9	.06	.007	7	66	.06	105	.01	9	.43	.01	.23	1	540
029122	18	19	14	96	.1	27	6	186	1.51	262	5	ND	1	38	.8	116	3	36	.06	.027	5	94	.04	501	.01	4	.32	.01	.09	2	150
029123	12	19	20	79	.4	18	4	132	2.08	517	5	ND	3	49	.9	78	3	26	.12	.018	6	52	.05	493	.01	6	.40	.01	.22	1	190
029124	9	17	21	94	.5	16	5	142	2.49	476	14	ND	4	56	.7	81	2	24	.12	.010	7	55	.05	406	.01	12	.47	.01	.29	1	340
STANDARD C/AU-R	18	56	38	132	7.2	70	31	1048	3.99	39	18	7	38	52	18.6	15	18	55	.49	.093	39	59	.91	175	.09	31	1.86	.06	.15	11	460

BLUE BORC 91-4534

BLUE BORC 91-4535

BLUE BORC 91-4536

JUN-21-1991 15:02 FROM ACME ANALYTICAL TO NORANDA YT P.007

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
029125	12	68	17	153	.3	101	25	526	4.81	1643	5	ND	4	55	1.6	405	2	54	.09	.018	12	100	.05	467	.01	6	.60	.01	.15	2	210
029126	6	89	13	247	1.8	192	62	796	10.54	7651	5	2	2	70	1.1	3126	2	75	.16	.016	5	125	.05	506	.01	6	.72	.01	.13	3	4640
029127	6	56	20	124	3.9	71	21	170	6.25	13815	5	17	2	105	1.6	4354	2	53	.14	.014	11	89	.04	771	.01	6	.75	.01	.20	11	19900
029128	5	66	17	190	.2	118	35	673	6.27	1934	5	ND	4	77	1.0	484	2	56	.78	.023	22	86	.33	671	.01	3	.78	.01	.17	1	830
029129	5	72	18	313	.1	171	47	899	7.50	2234	5	ND	4	126	.8	278	2	65	1.00	.026	20	92	.44	692	.01	5	.71	.01	.13	1	770
029130	7	42	21	183	.3	59	17	168	5.12	7162	5	ND	4	102	.7	165	2	35	.13	.023	24	52	.08	520	.01	2	.63	.01	.27	1	4170
029131	5	49	13	157	.1	42	15	150	3.50	1573	5	ND	6	75	.9	77	2	23	.12	.016	20	37	.07	479	.01	4	.62	.01	.28	1	640
029132	3	55	25	168	.7	43	14	176	3.45	2591	5	ND	5	85	.6	42	2	18	.11	.020	7	25	.07	482	.01	7	.64	.01	.27	1	1860
029133	3	76	21	218	.1	58	16	217	3.10	539	5	ND	4	68	1.2	28	2	19	.09	.023	7	22	.14	532	.01	10	.79	.01	.26	1	110
029134	3	47	27	216	.1	43	17	273	3.60	332	5	ND	3	50	1.1	36	2	16	.11	.018	6	22	.24	350	.01	9	.50	.01	.24	1	93
029135	4	79	33	151	.3	56	21	1038	4.66	692	5	ND	11	266	1.4	51	2	71	4.73	.036	29	166	1.87	92	.01	4	.62	.01	.14	1	99
029136	5	52	34	118	.1	37	15	426	3.53	392	5	ND	5	148	1.2	50	2	33	1.36	.020	17	85	.60	115	.01	15	.66	.01	.25	1	13
029137	5	36	24	76	.1	28	9	71	2.54	185	5	ND	2	44	.3	62	2	12	.15	.005	5	46	.07	72	.01	8	.45	.01	.25	1	12
029138	6	38	21	106	.1	29	10	223	2.59	349	5	ND	3	60	.6	73	2	22	.59	.012	7	64	.25	226	.01	7	.49	.01	.21	1	100
029139	7	37	26	103	.1	29	10	120	2.55	405	5	ND	3	56	.6	92	2	19	.25	.008	5	63	.11	178	.01	8	.52	.01	.22	1	160
029140	27	82	9	460	1.3	72	6	287	1.46	201	9	ND	1	439	9.0	51	2	229	3.34	.171	8	173	1.74	508	.01	9	.72	.01	.12	1	97
029141	8	54	19	164	.1	46	13	316	3.33	121	5	ND	2	110	1.6	153	2	26	.61	.019	5	49	.55	336	.01	5	.55	.01	.27	1	90
029142	7	48	19	140	.3	38	14	329	3.12	47	5	ND	4	105	.6	54	2	25	.55	.021	6	63	.54	658	.01	12	.55	.01	.25	1	25
029143	11	58	20	302	.6	45	12	261	2.76	171	13	ND	4	156	3.2	38	2	62	1.05	.042	9	73	.66	203	.01	17	.64	.01	.27	1	24
029144	8	43	12	117	.1	36	12	281	2.67	38	5	ND	1	121	1.1	26	2	22	.72	.020	4	58	.48	531	.01	11	.45	.01	.21	1	26
029145	8	39	31	148	.1	33	15	482	3.33	58	5	ND	6	216	.9	20	2	31	1.75	.031	15	48	.77	250	.01	9	.57	.01	.23	1	39
029146	10	31	28	143	.2	38	12	481	3.12	127	5	ND	7	261	.8	42	2	43	2.87	.032	18	40	.85	94	.01	10	.50	.01	.17	1	62
029147	8	46	5	115	.1	41	9	308	2.18	24	5	ND	1	382	.7	6	2	19	11.98	.015	4	18	.94	57	.01	8	.36	.01	.18	1	24
029148	8	45	15	115	.1	39	10	328	2.28	45	5	ND	3	335	1.0	13	2	25	9.34	.022	6	28	.94	80	.01	10	.50	.01	.23	1	6
029149	6	36	26	156	.3	35	15	693	3.59	96	5	ND	15	354	1.5	46	2	42	4.05	.036	34	47	1.46	138	.01	7	.65	.01	.18	1	41
029150	4	27	41	125	.2	24	15	836	3.99	57	5	ND	21	362	.9	19	2	43	3.17	.041	50	52	1.55	694	.01	11	.58	.01	.14	1	11
029151	8	40	13	141	.1	37	11	469	2.99	52	5	ND	3	316	.9	10	2	34	7.71	.017	12	29	1.70	118	.01	8	.47	.01	.22	1	11
029152	6	33	20	129	.2	34	14	504	3.33	91	5	ND	6	298	1.2	20	2	36	3.45	.022	16	41	1.30	126	.01	9	.56	.01	.18	1	18
029153	4	20	23	101	.1	21	12	645	3.13	72	5	ND	10	358	.2	26	2	36	2.95	.030	26	42	1.18	774	.01	10	.66	.01	.15	1	26
029154	5	20	25	126	.1	24	12	641	3.14	106	5	ND	10	403	.3	23	2	32	2.98	.025	24	43	1.11	557	.01	8	.54	.01	.13	1	12
029155	6	16	28	120	.1	21	11	765	3.12	48	5	ND	9	236	.5	19	2	39	3.82	.021	19	61	1.23	529	.01	9	.50	.01	.12	1	11
029156	10	16	26	206	.1	28	12	728	3.30	75	5	ND	10	168	.3	22	2	44	2.98	.027	21	83	.99	623	.01	2	.59	.01	.10	1	22
029157	5	22	25	168	.1	29	12	655	3.30	122	5	ND	10	161	.6	22	2	49	2.26	.035	26	52	.89	887	.01	4	.71	.01	.09	1	68
029158	6	30	25	137	.2	38	14	499	3.69	472	5	ND	7	144	.6	85	3	47	1.50	.029	20	59	.71	710	.01	4	.69	.01	.12	1	290
029159	9	23	24	269	.1	43	12	644	3.43	74	5	ND	7	103	.8	23	2	52	1.76	.024	16	43	.68	612	.01	7	.58	.01	.10	1	22
029160	6	11	28	328	.1	29	13	574	3.37	167	5	ND	10	85	.2	50	2	53	1.18	.036	20	36	.56	839	.01	5	.67	.01	.09	1	77
STANDARD C/AU-R	18	56	37	133	7.2	70	32	1046	3.96	38	22	7	39	52	19.0	15	19	56	.48	.090	39	59	.88	174	.09	34	1.88	.06	.15	11	480

BLUE BERC 91-1456

BLUE BERC 91-456

BLUE BERC 91-457

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
029161	5	17	24	274	.2	28	13	672	3.88	269	5	ND	11	72	.2	64	2	55	1.02	.027	22	42	.55	771	.01	3	.66	.01	.06	1	130
029162	3	12	28	213	.3	25	14	746	4.09	122	5	ND	13	110	.4	30	2	62	1.53	.041	25	35	.58	1024	.01	6	.76	.01	.07	1	39
029163	5	13	28	221	.1	22	12	650	3.58	183	5	ND	11	116	.2	36	2	56	1.55	.029	23	33	.51	816	.01	2	.61	.01	.09	1	74
029164	8	10	29	260	.1	26	12	739	3.43	91	5	ND	11	190	.2	26	2	41	2.77	.024	24	37	.96	405	.01	7	.50	.01	.09	1	18
029165	9	11	26	452	.1	33	12	723	3.58	167	5	ND	10	269	.7	39	2	34	2.33	.025	24	36	.90	902	.01	3	.48	.01	.12	1	78
029166	7	13	26	293	.1	24	10	691	3.29	78	5	ND	6	317	.4	16	2	29	2.65	.035	22	40	.97	697	.01	2	.50	.01	.11	1	34
029167	5	19	41	227	.1	27	12	670	3.35	194	5	ND	7	317	.9	30	2	26	2.93	.016	23	31	1.23	358	.01	9	.42	.01	.13	1	65
029168	5	13	24	149	.1	18	9	678	3.23	456	5	ND	5	464	.2	26	2	28	2.77	.019	18	56	1.11	217	.01	4	.42	.01	.12	1	100
029169	7	10	24	91	.1	15	10	659	3.32	152	5	ND	7	438	.2	22	3	23	2.87	.014	13	44	1.12	114	.01	7	.38	.01	.12	1	35
029170	3	19	25	106	.1	17	11	709	3.36	212	5	ND	5	436	.2	31	2	24	3.04	.015	15	31	1.15	177	.01	2	.37	.01	.12	1	56
029171	4	35	18	117	.1	41	19	840	4.19	491	5	ND	9	273	.3	98	3	52	4.91	.034	27	70	2.08	522	.01	7	.42	.01	.10	1	340
029172	3	18	24	89	.1	13	10	682	3.45	383	5	ND	6	408	.2	42	3	25	2.97	.016	13	32	1.13	88	.01	7	.35	.01	.12	1	110
029173	10	27	30	406	.4	25	9	580	2.86	855	5	ND	4	309	5.3	51	2	62	2.48	.020	13	65	.92	193	.01	6	.42	.01	.13	1	280
029174	24	26	31	468	.3	38	6	384	2.21	307	5	ND	1	245	4.5	45	2	96	1.58	.011	9	66	.60	143	.01	5	.29	.01	.09	1	120
029175	51	44	33	887	.5	77	4	70	1.02	185	5	ND	1	30	15.3	55	2	129	.17	.011	3	138	.07	189	.01	9	.21	.01	.08	1	100
029176	13	41	25	322	.6	52	13	519	3.27	142	5	ND	7	88	2.7	34	2	104	.12	.071	17	71	.07	1208	.01	12	.78	.01	.14	2	56
029177	19	40	17	279	.2	70	15	946	2.32	232	5	ND	2	66	3.3	235	2	89	.11	.058	9	101	.04	818	.01	4	.46	.01	.11	1	130
029178	9	43	18	175	.6	35	9	237	2.09	571	5	ND	7	60	2.9	289	2	46	.13	.026	9	51	.04	612	.01	9	.43	.01	.15	1	450
029179	15	63	23	201	.1	30	7	124	3.20	293	9	ND	4	37	1.9	102	4	32	.12	.015	5	53	.05	352	.01	7	.47	.01	.18	1	50
029180	11	68	35	135	1.3	41	7	133	2.54	854	5	ND	11	118	1.1	507	2	58	.13	.022	22	50	.05	445	.01	9	.66	.01	.18	1	310
029181	8	47	34	65	.9	23	6	65	2.21	857	5	ND	11	132	.6	371	3	44	.12	.021	22	36	.05	437	.01	5	.60	.01	.18	1	150
029182	8	39	24	38	.1	11	3	43	1.55	248	5	ND	5	89	.2	56	3	21	.12	.019	7	38	.07	416	.01	11	.49	.01	.25	2	20
029183	7	59	23	45	.3	17	4	42	1.55	297	5	ND	6	129	.2	71	2	19	.10	.018	7	42	.05	394	.01	7	.77	.01	.21	2	11
029184	7	51	24	39	.1	10	4	43	1.74	408	5	ND	4	68	1.3	111	2	14	.12	.018	12	41	.06	475	.01	10	.56	.01	.22	2	68
029185	7	52	127	278	.9	51	19	357	3.95	1618	5	ND	18	113	3.7	697	2	28	.43	.024	49	46	.19	475	.01	6	.76	.01	.14	1	690
029186	6	35	57	176	1.1	29	14	771	4.11	2161	5	ND	17	388	.7	938	2	26	2.06	.021	42	47	.99	306	.01	5	.41	.01	.13	1	1370
029187	5	34	52	186	1.7	39	17	554	3.78	1233	5	ND	14	457	1.4	3275	2	25	2.00	.018	31	49	.97	82	.01	7	.46	.01	.12	1	1350
029188	6	53	25	60	3.0	26	9	96	2.02	1681	5	7	4	184	1.6	2604	2	18	.28	.005	8	54	.14	191	.01	6	.57	.01	.21	1	10600
029189	4	60	15	148	1.5	89	26	797	5.44	2430	5	ND	2	704	.3	419	2	27	2.95	.019	9	47	1.91	155	.01	3	.57	.01	.18	1	2170
029190	4	52	20	141	1.3	50	16	256	3.71	1850	5	ND	4	226	.5	197	2	16	.54	.011	7	26	.34	113	.01	6	.59	.01	.23	1	840
029191	3	52	16	144	1.2	97	23	701	4.51	3196	5	ND	2	366	.5	181	2	22	1.78	.011	5	51	1.06	141	.01	9	.55	.01	.20	1	1870
029192	8	37	25	124	2.6	44	14	270	2.81	2665	6	2	3	183	.4	833	2	19	.74	.009	7	74	.39	131	.01	8	.40	.01	.16	1	3680
029193	8	31	30	145	2.8	28	10	211	2.02	967	5	ND	5	103	.6	675	2	22	.49	.010	15	87	.24	172	.01	5	.35	.01	.11	1	1170
029194	9	65	24	262	1.2	71	16	513	2.83	1204	5	ND	2	413	1.7	421	2	61	2.62	.040	11	126	1.30	72	.01	2	.44	.01	.09	1	1260
029195	18	74	9	687	1.3	70	8	418	1.58	297	5	ND	2	306	9.1	172	2	163	3.53	.059	7	97	1.89	299	.01	7	.32	.01	.09	1	270
029196	4	55	15	206	.4	102	26	809	6.12	632	5	ND	1	359	.2	56	2	42	4.91	.027	5	63	2.41	27	.01	3	.40	.01	.17	1	350
STANDARD C/AU-R	18	61	38	130	7.5	74	34	1043	3.93	38	21	7	40	53	18.6	14	18	56	.47	.089	39	58	.88	176	.09	34	1.89	.06	.15	13	480

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
029197 BLUE BERC 91-457	12	62	3	460	.6	84	21	630	4.36	293	5	ND	1	277	1.6	33	2	59	3.65	.028	4	62	1.97	91	.01	6	.40	.01	.13	1	230
029198	36	103	8	1184	1.0	76	9	362	1.75	175	5	ND	1	235	13.0	65	2	219	4.48	.038	6	73	2.49	229	.01	4	.30	.01	.11	1	87
029199	24	70	7	684	.9	63	9	270	1.96	96	12	ND	1	246	6.9	37	2	151	3.43	.034	5	79	1.84	55	.01	8	.37	.01	.12	1	64
029200	16	20	11	134	.2	35	10	492	1.62	267	5	ND	2	49	1.0	167	2	53	.08	.028	8	141	.04	1461	.01	6	.42	.01	.10	1	280
029201	12	48	24	159	.4	32	11	414	3.13	569	9	ND	7	52	1.3	150	2	47	.13	.021	10	55	.06	566	.01	5	.55	.01	.20	1	270
029202	8	27	27	68	.6	17	5	163	2.00	970	5	ND	4	63	.5	195	3	26	.12	.010	13	59	.05	440	.01	11	.50	.01	.24	1	1400
029203	6	29	19	39	1.6	15	4	58	1.59	651	5	ND	2	176	.3	154	2	57	.12	.044	7	35	.05	653	.01	10	.53	.01	.30	1	650
029204	14	82	19	86	.6	18	4	53	2.08	719	5	ND	1	234	2.3	145	2	45	.10	.035	4	35	.06	880	.01	8	.54	.01	.26	1	67
029205	7	50	33	55	2.1	12	5	52	1.86	2016	5	ND	9	217	1.9	1374	2	24	.12	.025	30	39	.05	487	.01	9	.42	.01	.22	1	3230
029206	7	43	33	187	.8	48	17	560	4.09	3816	5	2	14	297	1.9	368	2	29	1.07	.020	36	49	.49	396	.01	3	.60	.01	.14	1	2940
029207	6	37	25	141	.7	27	15	674	4.08	4645	5	2	13	430	1.0	175	2	23	1.85	.016	30	43	.89	186	.01	2	.46	.01	.14	1	3230
029208	7	43	79	165	1.1	30	15	437	4.09	3596	5	ND	12	339	1.9	230	2	21	1.22	.017	34	35	.56	238	.01	6	.46	.01	.18	1	1820
029209	9	46	23	110	.1	38	13	130	3.01	1053	5	ND	5	118	.3	136	2	12	.15	.013	9	53	.06	752	.01	6	.58	.01	.22	1	380
029210	9	40	20	99	.1	37	13	151	2.98	635	5	ND	3	58	.3	51	2	9	.22	.011	6	60	.09	373	.01	9	.51	.01	.19	1	22
029211	8	44	18	79	.1	28	9	77	2.94	826	5	ND	2	89	.6	66	2	10	.15	.008	5	50	.06	185	.01	7	.45	.01	.21	1	210
029212	5	39	21	135	.3	38	12	163	2.92	459	5	ND	4	77	.7	41	2	8	.33	.011	5	46	.14	118	.01	7	.46	.01	.20	1	19
029213	8	35	29	69	.2	22	8	128	2.28	543	12	ND	2	128	.2	46	2	8	.35	.008	5	58	.14	97	.01	4	.45	.01	.23	1	16
029214	7	42	23	92	3.2	40	15	112	2.73	3714	5	ND	4	130	1.0	49	2	14	.34	.005	6	77	.16	57	.01	8	.54	.01	.23	1	6660
029215	7	40	15	105	2.0	41	14	136	2.90	3936	5	ND	4	54	1.7	46	2	23	.26	.005	5	79	.22	94	.01	7	.49	.01	.21	1	4640
029216	4	37	11	114	.6	40	12	201	2.92	1358	5	ND	3	74	.3	33	2	15	.45	.006	7	45	.55	180	.01	6	.39	.01	.28	1	1520
029217	2	46	4	130	.3	115	33	924	5.86	1246	5	ND	2	317	.4	18	2	42	3.76	.056	19	74	2.82	236	.01	2	.63	.01	.19	1	1190
029218	5	44	20	108	.3	42	17	288	3.41	817	5	ND	6	101	.3	24	2	17	.88	.014	15	61	.97	320	.01	7	.48	.01	.26	1	1110
029219	2	44	7	92	.4	82	25	628	4.67	223	5	ND	6	331	.7	17	2	36	2.93	.045	21	59	2.33	742	.01	6	.83	.03	.23	1	380
029220	4	50	8	124	.6	99	28	752	5.17	1396	5	ND	4	369	.2	28	2	35	3.15	.036	16	83	2.40	222	.01	12	.56	.01	.20	1	1120
029221	6	50	15	126	.5	40	15	312	3.65	762	5	ND	4	77	.4	28	2	17	.68	.013	7	65	.76	208	.01	9	.43	.01	.24	1	390
029222	4	40	14	101	.6	30	12	266	3.23	641	7	ND	3	79	.3	20	2	15	.72	.013	5	46	.69	236	.01	7	.37	.01	.20	1	720
029223	4	45	15	134	.1	33	13	221	3.36	54	5	ND	3	60	.3	30	2	15	.54	.022	5	43	.69	285	.01	7	.45	.01	.25	1	5
029224	5	50	19	135	.4	43	16	423	3.91	379	5	ND	4	171	.6	59	2	30	1.62	.023	12	76	.99	75	.01	4	.44	.01	.22	1	460
029225	5	54	19	266	1.4	57	20	731	3.86	452	5	ND	8	543	2.4	60	2	65	3.74	.027	18	127	1.93	57	.01	9	.40	.01	.11	1	580
029226	11	37	27	356	2.4	53	15	477	3.25	422	5	ND	9	492	2.8	3354	2	45	1.98	.014	16	54	.99	32	.01	4	.38	.01	.12	1	610
029227	10	44	22	355	2.1	66	13	479	3.00	1285	5	ND	5	290	1.9	370	2	63	1.97	.045	17	89	.94	44	.01	2	.75	.01	.12	1	930
029228	29	101	10	1102	2.6	83	7	326	1.55	232	5	ND	2	236	12.2	97	2	204	3.72	.093	7	82	2.11	89	.01	5	.37	.01	.09	1	280
029229	40	69	6	696	1.2	81	6	271	1.65	205	5	ND	1	207	7.2	55	2	143	2.93	.050	5	100	1.68	96	.01	5	.33	.01	.11	1	320
029230 BLUE BERC 91-459	11	20	16	78	.4	23	6	184	1.36	360	5	ND	4	45	.8	87	2	37	.15	.017	7	56	.06	662	.01	10	.48	.01	.18	1	880
029231	8	15	23	47	.8	19	5	108	1.34	524	5	ND	4	67	.2	145	2	27	.14	.016	8	70	.06	758	.01	9	.66	.01	.30	2	1200
029232	5	35	28	69	1.7	32	7	123	2.35	881	5	ND	1	159	.6	167	2	34	.13	.024	5	51	.07	775	.01	11	.64	.01	.31	1	420
STANDARD C/AU-R	19	59	35	134	7.4	71	32	1054	4.01	38	16	7	39	52	18.3	14	18	56	.49	.091	40	60	.90	178	.09	32	1.91	.06	.15	12	490

BLUE BERC 91-458

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
029233	8	27	25	53	2.7	20	5	66	1.65	608	5	ND	6	225	1.0	145	2	31	.11	.042	6	67	.06	777	.01	16	.59	.01	.29	1	60
029234	8	40	29	60	2.4	17	4	50	1.88	805	5	ND	6	279	1.2	464	2	25	.12	.033	15	51	.05	748	.01	8	.46	.01	.23	1	460
029235	8	69	39	329	1.0	64	19	383	3.57	1867	5	2	20	226	5.7	330	6	37	.12	.040	46	58	.05	719	.01	7	.68	.01	.17	1	960
029236	7	46	34	259	.7	66	20	559	4.27	3154	5	ND	18	239	4.1	995	2	26	.84	.029	42	46	.41	304	.01	6	.65	.01	.16	1	1490
029237	10	89	36	263	1.3	80	20	411	3.91	2564	5	2	22	161	6.0	503	2	30	.36	.040	49	53	.18	583	.01	7	.96	.01	.17	1	2280
029238	16	64	29	92	1.4	23	6	81	2.34	1126	5	ND	12	302	1.1	178	2	39	.21	.022	31	56	.06	675	.01	5	.46	.01	.18	1	260
029239	12	58	25	82	.6	21	7	105	2.41	674	5	ND	8	111	.7	51	2	13	.33	.015	14	74	.08	531	.01	6	.43	.01	.19	1	36
029240	8	64	19	69	.8	22	7	93	2.04	1116	5	ND	4	99	1.6	60	2	13	.47	.009	9	79	.07	200	.01	6	.42	.01	.21	1	780
029241	11	25	86	88	.7	23	8	91	1.54	407	5	ND	6	57	1.1	45	2	42	.32	.012	7	126	.07	435	.01	4	.38	.01	.17	2	26
029242	5	34	61	178	.4	38	12	193	2.63	569	5	ND	5	61	.9	39	2	17	.51	.004	5	54	.17	277	.01	6	.43	.01	.21	1	90
029243	3	51	28	167	.2	55	15	192	3.24	446	5	ND	5	49	1.5	35	7	14	.18	.017	5	28	.28	357	.01	3	.60	.01	.26	1	34
029244	4	47	25	195	.7	56	15	296	3.47	664	5	ND	6	76	1.5	39	4	14	.80	.018	6	39	.52	212	.01	9	.58	.01	.26	1	66
029245	4	58	24	178	6.5	66	14	243	3.24	4705	5	2	3	193	1.0	5573	2	13	.88	.009	5	37	.43	48	.01	5	.57	.01	.23	1	6630
029246	7	49	20	139	.7	36	14	272	3.28	402	10	ND	7	80	.2	171	7	15	.65	.023	17	63	.51	226	.01	8	.48	.01	.27	1	250
029247	5	47	22	190	.6	40	15	332	3.45	373	5	ND	6	71	.3	56	2	24	.70	.016	6	50	.55	242	.01	6	.37	.01	.21	1	150
029248	4	44	15	138	.8	36	14	369	3.34	1524	5	ND	4	170	.2	47	2	12	1.06	.013	7	45	.67	129	.01	5	.33	.01	.19	1	1090
029249	3	48	18	139	1.6	61	22	583	4.43	7640	5	ND	2	386	.2	97	2	18	2.45	.009	5	39	1.39	46	.01	4	.36	.01	.19	1	4290
029250	3	53	25	100	1.2	42	16	272	3.23	4258	5	ND	4	194	.2	56	3	11	.94	.011	9	35	.54	59	.01	4	.38	.01	.23	1	1980
029251	4	56	29	118	1.6	43	17	340	3.69	2374	5	ND	6	84	.3	44	2	11	.64	.018	16	24	.55	68	.01	3	.40	.01	.24	1	1470
029252	6	41	66	103	1.1	27	11	191	2.40	1376	5	ND	5	105	.2	75	2	12	.58	.013	4	65	.40	115	.01	4	.36	.01	.19	1	890
029253	4	59	28	129	.6	36	16	252	2.92	2586	5	ND	4	98	.3	60	2	12	.61	.017	4	38	.41	95	.01	7	.42	.01	.24	1	1830
029254	7	36	19	139	.6	36	14	292	2.92	466	5	ND	5	104	.1	42	2	13	.81	.009	4	60	.48	80	.01	9	.34	.01	.19	1	160
029255	17	74	16	578	2.5	79	13	270	2.71	850	5	ND	6	115	15.1	55	2	146	.14	.067	12	72	.04	1398	.01	5	.59	.01	.11	1	720
029256	31	119	21	839	3.3	121	16	468	3.41	640	5	ND	4	123	10.7	80	2	224	.17	.069	9	81	.05	1442	.01	5	.75	.01	.15	1	340
029257	18	58	23	351	1.5	48	7	286	2.58	387	5	ND	6	63	3.7	78	2	89	.14	.025	6	55	.05	609	.01	4	.50	.01	.17	1	250
029258	9	146	6	236	2.1	164	30	233	8.21	7094	5	5	6	71	2.6	997	2	81	.14	.016	8	112	.04	349	.01	2	.98	.01	.11	4	2690
029259	10	99	15	178	1.0	60	12	123	3.75	2829	5	ND	8	101	1.2	445	2	47	.12	.027	24	55	.06	617	.01	8	.84	.01	.24	1	1530
029260	8	56	19	121	.8	38	8	74	2.54	2433	5	ND	7	108	1.2	220	2	32	.12	.019	20	39	.05	510	.01	5	.58	.01	.20	1	1560
029261	5	88	20	418	1.5	144	35	518	4.72	5650	5	3	7	119	3.1	277	2	47	.14	.023	20	75	.06	552	.01	11	.94	.01	.22	1	3260
029262	4	32	18	63	2.2	19	5	52	2.59	10672	5	4	8	192	.2	701	2	26	.14	.010	25	47	.06	342	.01	10	.57	.01	.30	1	7320
029263	5	71	8	293	1.1	129	25	526	4.34	4945	5	3	10	185	2.7	172	2	33	.17	.015	24	55	.07	417	.01	4	1.01	.01	.22	1	2320
029264	5	60	17	170	3.7	47	13	282	3.30	6786	5	ND	6	381	.6	141	2	24	.73	.011	22	38	.34	258	.01	5	.52	.01	.25	1	8260
029265	6	36	20	83	2.0	20	5	90	1.65	1999	5	2	7	116	3.0	238	2	24	.29	.017	10	33	.12	487	.01	10	.64	.01	.27	1	3570
029266	8	59	24	189	1.7	48	13	627	3.64	3144	5	ND	10	402	2.3	256	4	44	2.21	.019	26	82	.97	208	.01	8	.70	.01	.14	1	2820
029267	11	43	25	278	1.3	45	9	341	2.46	1687	5	ND	7	309	3.7	114	2	55	1.20	.049	23	60	.53	315	.01	5	.58	.01	.14	1	1090
029268	34	116	9	642	2.5	118	11	309	2.18	491	5	ND	3	552	24.8	89	7	256	1.71	.265	12	137	.87	937	.01	6	.92	.01	.08	1	260
STANDARD C/AU-R	19	57	39	131	7.5	71	32	1046	3.96	37	18	6	41	52	18.6	15	22	56	.48	.089	39	57	.88	175	.09	33	1.88	.06	.15	11	480

BLUE BORC 91-459

BLUE BORC 91-460

JUN-21-1991 15:06 FROM ACME ANALYTICAL TO NORANDA YT P.011

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
029269	21	87	10	449	1.7	82	15	571	2.99	200	5	ND	2	312	1.8	56	4	153	2.73	.153	7	128	1.21	55	.01	10	.65	.01	.15	1	200
029270	32	94	8	606	1.4	81	7	351	1.72	214	5	ND	1	328	10.2	55	2	240	4.10	.121	9	71	2.07	172	.01	8	.48	.01	.10	1	98
029271	26	70	19	661	.8	57	11	402	2.39	365	5	ND	1	290	8.1	52	2	132	3.20	.054	6	81	1.55	112	.01	7	.43	.01	.14	1	580
029272	36	73	13	827	.9	68	9	362	2.08	180	5	ND	1	254	9.6	44	2	184	4.11	.039	6	104	2.08	117	.01	11	.43	.01	.16	1	64
029273	33	69	10	748	1.3	62	7	278	1.87	88	5	ND	2	200	12.0	41	2	194	3.16	.046	5	96	1.58	85	.01	12	.43	.01	.16	1	17
029274	8	69	7	213	.7	35	11	557	2.61	81	5	ND	1	223	2.5	21	3	37	2.76	.026	3	59	1.19	79	.01	5	.29	.01	.10	1	34
029275	11	55	9	321	.5	39	12	470	2.74	96	5	ND	1	204	2.8	20	2	48	2.58	.027	3	79	1.15	79	.01	16	.43	.01	.17	1	12
029276	10	48	19	188	.2	46	13	297	2.63	114	5	ND	3	249	1.2	12	2	34	7.12	.015	10	30	.97	115	.01	7	.58	.01	.22	1	64
029277	8	40	11	156	.4	36	12	310	2.32	97	5	ND	4	303	1.0	12	2	25	8.59	.016	8	21	1.11	152	.01	8	.40	.01	.18	1	48
029278	8	44	25	110	.6	42	13	378	2.65	34	5	ND	6	300	1.0	10	4	19	5.43	.012	13	20	1.07	48	.01	15	.50	.01	.23	1	17
029279	14	46	52	189	1.0	54	11	464	2.53	78	9	ND	3	442	4.5	18	2	25	7.10	.011	9	31	1.40	34	.01	10	.45	.01	.19	1	12
029280	9	48	36	136	.4	47	12	376	2.58	86	5	ND	3	297	1.2	13	2	19	5.54	.011	13	22	1.01	43	.01	6	.48	.01	.21	1	60
029281	10	40	83	163	.1	38	13	604	3.17	60	5	ND	6	427	.5	13	2	26	4.76	.018	18	43	1.26	39	.01	6	.53	.01	.19	1	24
029282	6	33	40	140	.1	35	12	474	2.82	55	5	ND	4	391	.7	14	2	24	4.70	.018	16	27	1.07	56	.01	8	.37	.01	.15	1	8
029283	5	31	14	81	.1	39	10	430	2.58	37	5	ND	2	512	.4	15	2	16	10.23	.010	7	17	1.56	32	.01	9	.31	.01	.16	1	4
029284	7	34	32	131	.2	31	13	627	3.73	202	7	ND	6	420	1.2	26	5	28	3.94	.016	12	36	1.32	48	.01	12	.57	.01	.20	1	34
029285	4	12	23	100	.4	12	9	549	2.82	341	5	ND	9	321	.9	15	2	20	2.74	.024	15	37	.93	40	.01	6	.50	.01	.13	1	58
029286	6	23	24	134	.3	25	12	714	3.24	289	5	ND	10	420	1.2	22	2	36	3.67	.026	23	50	1.22	110	.01	8	.74	.01	.16	1	97
029287	7	17	27	196	.2	24	13	718	3.61	749	5	ND	9	533	.4	34	3	29	3.73	.021	19	40	1.33	44	.01	8	.55	.01	.15	1	290
029288	5	11	26	192	.1	22	13	869	3.56	218	5	ND	9	592	.3	15	2	32	3.82	.025	19	46	1.52	76	.01	12	.66	.01	.14	1	43
029289	5	13	25	146	.1	15	9	760	3.42	189	5	ND	9	588	.5	15	2	35	3.30	.032	24	63	1.35	77	.01	11	.88	.01	.17	1	19
029290	4	31	44	210	.9	24	12	752	3.47	410	5	ND	11	619	1.0	25	2	31	3.48	.055	29	55	1.41	58	.01	10	.87	.01	.18	1	63
029291	3	11	9	141	.1	21	9	413	2.88	21	5	ND	8	124	.2	6	2	52	1.50	.075	30	46	1.17	309	.09	4	1.60	.01	.39	1	13
029292	3	11	12	110	.1	19	9	332	2.94	16	5	ND	10	73	.2	7	3	63	.78	.084	31	55	1.10	350	.13	2	1.64	.01	.48	1	7
029293	4	12	10	161	.1	15	9	428	2.85	15	5	ND	11	75	.2	8	4	48	.88	.096	33	48	.87	124	.01	2	1.21	.01	.17	1	9
029294	5	15	8	95	.1	15	11	602	2.87	9	5	ND	12	211	.3	9	2	41	2.51	.099	35	78	1.20	186	.02	5	.93	.01	.25	1	3
029295	3	21	18	163	.1	16	11	629	2.66	39	5	ND	10	232	.2	8	2	34	2.96	.080	28	53	1.18	340	.01	8	.56	.01	.19	1	8
029296	4	6	14	102	.1	11	9	546	2.46	37	5	ND	7	185	.2	7	2	31	2.16	.066	23	39	.82	338	.01	4	.73	.01	.15	1	1
029297	3	6	15	148	.1	11	8	581	2.62	104	5	ND	7	267	.4	10	2	26	2.53	.078	23	30	.91	277	.01	5	.56	.01	.21	1	37
029298	4	16	28	155	.1	13	10	576	2.75	539	5	ND	5	388	.6	17	2	22	2.66	.027	15	32	1.02	67	.01	11	.52	.01	.15	1	75
029299	22	31	24	609	.9	50	4	230	1.16	86	5	ND	3	183	11.1	16	2	239	1.77	.120	9	72	.35	110	.01	10	.43	.01	.12	1	36
029300	14	58	13	544	1.7	62	4	170	.92	151	5	ND	1	312	7.6	26	3	225	4.10	.603	15	120	.52	65	.01	17	.58	.01	.19	1	41
029301	12	42	15	552	.5	42	6	300	1.62	122	5	ND	3	256	5.8	28	2	115	1.96	.297	17	96	.51	142	.01	12	.60	.01	.17	1	43
029302	5	7	11	118	.1	14	7	461	2.36	116	5	ND	7	271	.5	14	2	29	2.08	.076	26	38	.78	290	.01	6	.57	.01	.19	1	63
029303	2	2	15	74	.1	8	6	510	2.40	48	5	ND	9	280	.2	9	2	25	2.39	.070	29	22	.66	235	.01	2	.67	.01	.15	1	30
STANDARD C/AU-R	19	60	38	134	7.6	72	31	1062	3.99	37	15	7	39	53	18.5	14	18	57	.48	.092	40	61	.90	182	.09	32	1.91	.07	.15	11	530

BLUE
BERC 91-1960

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-048 File # 91-1852 Page 1

1050 Davie St., Vancouver BC V6E 1N4

FROM ACME ANALYTICAL TO NORANDA YT

BLUE BORE 91-461

BLUE BORE 91-462

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
029304	6	20	17	67	.5	19	4	135	1.76	270	5	ND	3	32	.2	27	2	22	.13	.009	5	20	.03	409	.01	8	.35	.01	.16	1	49
029305	8	22	20	78	.5	22	3	109	1.62	281	5	ND	4	37	.2	34	2	22	.18	.014	6	40	.05	401	.01	9	.45	.01	.19	1	51
029306	8	25	13	78	.5	28	8	384	2.23	516	5	ND	4	31	.2	79	2	21	.14	.008	7	23	.04	398	.01	6	.43	.01	.14	1	200
029307	9	26	19	87	.2	30	11	442	2.35	725	5	ND	4	34	.2	148	2	13	.12	.008	9	29	.04	475	.01	4	.44	.01	.15	1	54
029308	12	25	32	136	.5	34	10	159	3.27	1207	5	ND	4	28	.2	157	2	12	.09	.006	6	24	.03	277	.01	9	.45	.01	.16	1	43
029309	12	28	26	123	.3	29	8	87	3.35	897	5	ND	4	24	.2	216	2	13	.04	.006	6	30	.03	308	.01	7	.46	.01	.18	1	63
029310	8	11	15	38	.6	13	4	41	2.08	1212	5	ND	4	51	.2	145	2	12	.10	.007	6	48	.04	327	.01	7	.36	.01	.25	1	1150
029311	7	23	15	59	2.2	21	5	127	1.96	1920	5	ND	3	95	.2	2987	2	14	.11	.004	6	33	.04	307	.01	4	.30	.01	.19	1	4360
029312	6	46	5	110	2.0	55	13	173	3.76	3182	5	2	4	254	.2	573	2	24	.25	.006	25	36	.12	248	.01	7	.54	.01	.19	1	4480
029313	4	73	2	175	.6	128	33	832	6.42	2517	5	2	2	237	.3	143	2	37	2.27	.014	17	63	1.30	133	.01	6	.60	.01	.16	1	760
029314	2	72	8	127	1.4	87	22	588	5.01	6032	5	2	2	369	.7	1459	2	20	2.24	.007	14	37	1.30	34	.01	4	.60	.01	.17	1	4830
029315	2	51	23	110	1.1	35	8	339	2.84	3466	5	3	2	309	.2	46	2	12	.77	.006	6	14	.35	65	.01	7	.68	.01	.22	1	2250
029316	2	53	21	112	1.2	26	9	120	2.88	3392	5	ND	3	193	.2	53	2	12	.28	.010	5	10	.14	77	.01	4	.49	.01	.22	1	2320
029317	2	49	21	111	.7	31	10	119	2.93	2412	5	ND	2	216	.2	55	2	11	.22	.014	5	10	.11	93	.01	6	.66	.01	.24	1	950
029318	3	50	21	144	.5	38	11	204	3.34	1753	5	2	3	143	.7	50	2	13	.24	.021	4	14	.17	241	.01	5	.61	.01	.26	1	970
029319	3	43	17	150	.3	34	12	318	3.37	738	5	ND	3	74	.2	35	2	11	.41	.015	4	9	.41	308	.01	7	.50	.01	.24	1	220
029320	3	45	22	160	.4	39	14	370	3.58	652	5	ND	3	70	.2	35	2	14	.42	.018	4	22	.36	277	.01	7	.53	.01	.27	1	100
029321	2	44	10	206	1.6	30	14	314	3.78	4933	5	ND	3	101	.2	40	2	11	.38	.009	3	15	.33	71	.01	6	.39	.01	.23	1	7120
029322	3	52	12	102	1.5	37	15	488	3.49	2370	5	ND	4	169	.5	73	2	33	2.18	.013	15	84	.92	40	.01	5	.43	.01	.17	1	2760
029323	8	30	33	96	1.2	28	10	499	2.34	1309	5	2	3	161	.6	420	2	24	1.43	.010	11	75	.65	124	.01	5	.45	.01	.15	1	1470
029324	9	24	30	71	.5	22	6	203	1.42	517	5	ND	3	53	.2	53	2	18	.40	.006	9	67	.18	146	.01	4	.47	.01	.13	1	440
029325	12	47	20	196	2.2	40	8	214	1.95	532	5	ND	2	209	4.0	59	2	88	1.71	.091	8	73	.95	36	.01	2	.62	.01	.13	1	320
029326	12	66	14	372	.8	73	16	753	2.65	290	5	ND	3	208	5.3	56	2	115	3.89	.048	13	135	2.10	170	.01	2	.59	.01	.07	1	120
029327	7	46	8	209	1.0	44	13	608	2.81	189	5	ND	1	180	1.8	31	2	32	2.07	.021	3	57	.93	25	.01	6	.31	.01	.12	1	110
029328	7	77	11	192	.8	30	8	702	2.30	108	5	ND	1	175	1.2	12	2	19	1.86	.028	2	58	.90	30	.01	6	.32	.01	.14	1	63
029329	4	21	25	111	.2	15	9	547	3.03	162	5	ND	4	415	.9	28	2	29	2.46	.018	16	35	1.11	114	.01	4	.35	.01	.14	1	120
029330	6	33	16	114	.4	32	9	334	2.45	101	5	ND	2	467	.8	24	2	36	9.22	.009	7	24	1.15	25	.01	5	.25	.01	.13	1	44
029331	7	40	18	114	.4	33	9	262	2.37	157	5	ND	2	510	.3	35	2	17	12.96	.011	4	25	1.10	24	.01	5	.29	.01	.15	1	70
029332	6	41	10	97	.4	35	9	280	2.55	128	5	ND	2	458	.3	24	2	19	13.25	.009	4	23	1.33	22	.01	3	.27	.01	.15	1	53
029333	7	43	13	105	.5	40	9	283	2.65	60	5	ND	3	454	.5	24	2	23	13.35	.010	5	24	1.41	18	.01	7	.34	.01	.18	1	25
029334	6	38	10	96	.4	31	8	236	1.96	113	5	ND	2	454	.2	32	2	20	12.93	.010	4	21	.98	24	.01	6	.27	.01	.15	1	85
029335	6	64	19	106	1.9	58	13	197	3.63	2684	8	2	8	107	.2	908	2	68	.15	.016	21	46	.04	697	.01	4	.56	.01	.20	1	3480
029336	9	93	66	204	1.6	49	15	460	4.47	2529	24	ND	12	82	.7	620	2	40	.11	.024	48	26	.03	646	.01	3	.61	.01	.16	1	980
029337	7	76	26	108	.4	28	7	172	2.79	697	5	ND	6	53	.2	152	2	22	.12	.016	15	18	.05	553	.01	7	.50	.01	.21	1	200
029338	7	88	18	91	.5	23	5	107	2.72	493	5	ND	4	82	.2	111	2	27	.12	.017	6	31	.05	379	.01	8	.48	.01	.24	1	52
029339	6	94	18	105	.3	32	11	136	2.95	649	5	ND	5	56	.2	109	2	26	.09	.015	8	41	.05	334	.01	4	.50	.01	.19	1	38
STANDARD C/AU-R	19	60	36	133	7.4	70	33	1053	3.96	37	17	7	38	52	18.6	19	19	56	.48	.090	38	58	.88	176	.09	32	1.89	.06	.15	11	490

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 19 1991 **DATE REPORT MAILED:** June 24/91 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

FROM ACME ANALYTICAL TO NORANDA YT

Blue Bore 91-462

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
029340	9	42	60	57	1.0	16	5	48	2.52	415	5	ND	5	36	.2	72	2	14	.04	.010	7	81	.03	414	.01	11	.48	.01	.17	1	45
029341	10	37	39	46	.4	12	2	23	2.83	474	5	ND	8	32	.2	71	2	12	.05	.010	13	51	.02	348	.01	7	.36	.01	.11	1	20
029342	10	49	30	97	.1	26	8	66	3.29	444	5	ND	9	39	.2	95	2	12	.08	.014	17	48	.05	444	.01	7	.48	.01	.23	1	41
029343	8	41	35	147	.6	48	16	420	4.04	5473	5	ND	18	119	.7	114	2	18	.35	.020	46	58	.14	359	.01	6	.62	.01	.22	1	1630
029344	4	35	36	149	1.8	42	12	418	3.91	10470	5	8	17	274	1.7	380	2	19	1.16	.017	40	42	.50	171	.01	2	.55	.01	.15	1	7250
029345	4	36	34	173	1.2	41	14	416	3.96	5481	5	3	17	344	1.2	329	2	19	1.47	.011	36	50	.69	66	.01	3	.59	.01	.17	1	2700
029346	4	41	43	168	1.6	37	12	424	3.79	5200	5	3	16	312	1.3	445	2	19	1.50	.015	36	38	.71	106	.01	3	.50	.01	.11	1	3180
029347	7	34	22	52	.5	13	4	99	2.08	995	5	ND	6	79	.2	46	2	7	.29	.011	10	32	.11	281	.01	8	.33	.01	.18	1	260
029348	3	38	25	91	.9	17	7	59	2.75	2753	5	ND	5	117	.2	29	2	11	.16	.006	6	31	.05	182	.01	7	.39	.01	.23	1	1930
029349	4	38	26	122	.8	29	10	107	3.10	2351	5	ND	4	174	.2	37	2	12	.15	.009	5	39	.07	94	.01	5	.59	.01	.20	1	1520
029350	4	52	27	111	.9	46	11	289	3.21	2567	5	ND	3	246	.7	86	2	16	.86	.009	5	50	.53	31	.01	6	.78	.01	.26	1	830
029351	3	63	26	125	1.3	41	11	213	3.10	3644	5	ND	3	225	.2	59	2	14	.64	.011	4	22	.33	88	.01	4	.58	.01	.20	1	3780
029352	3	52	26	113	1.6	43	13	133	3.02	4591	5	ND	3	121	.2	58	2	12	.35	.011	3	24	.16	39	.01	7	.59	.01	.23	1	3600
029353	5	55	19	80	.1	57	16	495	3.92	763	5	ND	4	138	1.1	24	2	17	1.13	.016	6	54	.88	388	.01	6	.54	.01	.23	1	210
029354	8	29	20	48	.5	16	6	65	1.70	338	5	ND	4	53	.2	100	2	10	.12	.006	5	96	.06	47	.01	7	.36	.01	.17	1	220
029355	7	35	26	91	1.2	28	13	56	2.27	446	5	ND	5	50	.2	39	2	12	.11	.004	9	71	.05	26	.01	8	.47	.01	.22	1	310
029356	5	57	25	126	1.4	53	18	775	3.06	927	5	ND	7	196	1.7	48	2	40	3.25	.020	18	129	1.43	26	.01	4	.53	.01	.11	1	650
029357	8	21	17	102	1.7	40	9	443	2.22	333	6	ND	4	89	.5	56	2	14	.83	.007	5	90	.33	45	.01	6	.34	.01	.10	1	530
029358	9	25	21	97	1.2	47	10	398	2.64	518	5	ND	7	318	.7	1562	2	13	1.59	.009	16	104	.75	31	.01	4	.38	.01	.10	1	320
029359	6	37	25	144	.9	45	11	405	2.93	362	5	ND	8	415	1.0	1882	2	16	1.88	.022	18	54	.92	30	.01	5	.55	.01	.13	1	330
029360	7	33	25	142	.3	39	11	225	2.76	506	5	ND	4	109	.4	69	2	12	.77	.005	5	55	.31	26	.01	8	.44	.01	.19	1	210
029361	5	36	34	210	.7	34	12	359	3.17	748	5	ND	7	241	.8	204	2	19	1.26	.008	18	44	.55	24	.01	6	.47	.01	.15	1	320
029362	11	66	18	429	1.2	66	12	496	2.51	416	5	ND	4	240	4.0	57	2	95	2.93	.085	9	134	1.29	35	.01	5	.48	.01	.08	1	240
029363	6	71	22	254	.3	67	20	665	3.54	166	5	ND	6	163	1.3	24	2	46	4.62	.026	14	173	1.56	59	.01	6	.46	.01	.12	1	9
029364	8	46	20	131	.1	51	14	327	2.83	39	5	ND	5	239	1.0	18	2	13	6.48	.020	9	26	1.19	33	.01	7	.41	.01	.18	1	9
029365	6	49	20	141	.2	44	15	409	2.96	53	5	ND	5	314	1.5	25	2	21	7.77	.027	11	43	1.47	32	.01	8	.39	.01	.17	1	12
029366	5	34	12	91	.1	32	10	281	2.50	39	5	ND	5	368	1.2	8	2	8	10.94	.016	4	12	1.13	44	.01	6	.31	.01	.14	1	10
029367	4	32	13	88	.2	32	9	271	2.37	34	5	ND	4	434	1.5	16	2	10	12.62	.011	4	16	1.16	26	.01	7	.32	.01	.14	1	5
029368	5	39	16	98	.1	41	11	309	2.71	41	5	ND	4	308	.9	11	2	12	8.03	.016	3	20	1.13	16	.01	8	.35	.01	.14	1	5
029369	4	12	29	82	.1	11	7	589	3.04	44	5	ND	8	404	.7	10	2	28	3.13	.039	22	38	1.18	413	.01	5	.42	.01	.12	1	20
029370	7	40	22	108	.2	36	9	341	2.34	30	5	ND	4	398	1.1	8	2	21	10.11	.010	9	22	1.22	27	.01	8	.40	.01	.15	1	2
029371	5	34	13	92	.1	30	7	289	2.22	29	5	ND	4	502	1.3	10	3	18	13.65	.013	3	15	1.46	22	.01	7	.30	.01	.13	1	2
029372	6	46	18	111	.2	38	10	278	2.31	48	5	ND	5	428	1.4	12	2	16	10.69	.009	5	21	1.11	20	.01	8	.36	.01	.14	1	1
029373	9	35	36	178	.2	32	10	622	3.34	81	5	ND	14	307	1.9	28	2	38	3.15	.067	33	46	1.28	65	.01	5	.47	.01	.11	1	10
029374	19	29	20	449	.3	41	7	397	2.37	80	5	ND	4	246	6.2	17	2	67	1.91	.088	14	66	.71	39	.01	10	.53	.01	.12	1	16
029375	4	24	22	83	.1	17	9	564	2.93	59	5	ND	5	238	.8	13	2	26	2.19	.021	13	51	1.14	414	.01	8	.45	.01	.11	1	13
STANDARD C/AU-R	17	60	38	131	7.0	71	32	1040	3.94	37	17	6	37	51	10.5	15	19	56	.47	.092	37	58	.88	176	.09	34	1.90	.07	.15	13	470

P.005/009

FROM ACME ANALYTICAL TO NORANDA YT

JUN-24-1991 15:35

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
029376 BLUE BCRD 91-462	3	15	21	75	.1	15	9	607	3.05	38	5	ND	4	308	.2	16	2	31	3.21	.016	19	30	1.22	572	.01	5	.42	.01	.09	1	14
029377	4	18	27	80	.2	15	10	660	3.20	27	5	ND	6	278	.2	17	2	35	3.45	.015	18	37	1.16	571	.01	2	.47	.01	.08	1	9
029378	6	34	205	379	3.9	39	9	339	3.36	228	15	ND	7	57	4.7	87	2	31	.21	.088	40	4	.06	731	.01	7	.67	.01	.19	1	35
029379	6	24	100	307	2.5	34	12	962	3.93	507	15	ND	5	55	7.5	64	2	27	.22	.089	43	3	.06	960	.01	5	.78	.01	.19	1	100
029380	6	11	61	234	1.7	28	12	1685	4.71	795	12	ND	5	56	4.0	96	2	30	.12	.060	32	1	.05	2377	.01	7	.67	.01	.15	1	400
029381	4	9	30	169	.8	17	11	1493	4.53	1057	5	ND	5	89	1.7	73	2	25	2.67	.064	28	1	.29	1561	.01	5	.71	.01	.17	1	290
029382	4	19	57	231	1.2	18	10	1316	5.11	1389	12	ND	6	63	2.5	80	2	26	.26	.046	38	1	.06	1092	.01	6	.68	.01	.16	1	320
029383	4	27	90	289	1.4	19	10	1289	5.06	827	16	ND	6	62	4.5	98	2	34	.15	.044	42	1	.05	877	.01	3	.68	.01	.14	1	460
029384	15	38	54	228	2.4	52	8	1036	3.24	489	7	ND	3	283	2.8	73	2	193	.37	.232	26	6	.05	3285	.01	10	1.05	.01	.17	1	510
029385	27	56	63	431	3.1	119	10	1801	4.21	715	5	ND	2	352	5.2	150	2	235	.45	.279	24	1	.06	3772	.01	6	1.04	.01	.16	2	340
029386	11	15	31	388	1.2	58	12	1983	4.76	853	12	ND	5	129	3.7	128	2	70	.25	.103	31	1	.05	1388	.01	4	.70	.01	.11	2	460
029387	7	23	31	450	.9	45	12	1289	3.75	490	14	ND	7	96	6.3	109	2	52	.18	.081	34	3	.04	1259	.01	5	.72	.01	.09	1	120
029388	7	20	48	332	1.3	34	12	1180	3.81	732	16	ND	7	84	3.3	71	2	40	.15	.069	37	4	.04	1132	.01	3	.80	.01	.11	2	380
029389	8	20	51	452	1.2	31	12	1228	3.94	828	13	ND	7	57	5.5	90	2	38	.10	.038	35	15	.03	632	.01	2	.58	.01	.10	3	420
029390	12	25	65	514	1.9	54	12	1634	4.43	1339	17	ND	7	53	9.5	225	3	47	.12	.057	39	15	.03	686	.01	5	.53	.01	.10	3	1360
029391	14	17	36	559	1.8	61	11	862	4.53	1486	13	3	5	57	13.1	302	2	95	.13	.072	32	20	.02	718	.01	3	.54	.01	.09	3	3390
029392	16	44	29	568	2.2	94	10	582	3.46	727	8	ND	4	228	7.9	177	2	126	.30	.237	25	1	.05	3389	.01	9	1.10	.01	.15	2	940
029393	72	57	28	840	2.0	226	15	706	4.54	383	17	ND	4	113	6.5	174	2	231	.23	.100	34	16	.08	1684	.01	12	.79	.01	.22	3	370
029394	29	38	24	356	1.9	89	7	800	2.04	165	5	ND	1	74	2.6	66	2	112	.18	.070	17	77	.04	980	.01	7	.44	.01	.12	2	92
029395	24	87	21	446	2.7	88	7	413	2.39	144	6	ND	1	185	2.2	63	2	164	1.17	.543	22	73	.07	1756	.01	19	.82	.01	.23	1	27
029396	10	54	17	309	1.0	59	9	658	2.11	89	9	ND	3	103	1.6	41	2	43	.33	.133	23	15	.06	938	.01	16	.68	.01	.23	1	26
029397	14	96	12	436	2.4	77	10	294	2.68	78	7	ND	2	188	1.5	44	2	118	1.21	.575	27	22	.10	1536	.01	23	1.10	.01	.36	1	17
029398	21	61	16	363	1.2	93	11	276	2.77	70	10	ND	3	80	1.5	36	2	74	.21	.091	20	11	.06	978	.01	12	.62	.01	.19	1	20
029399	73	71	26	664	1.7	243	12	1027	3.18	93	14	ND	3	81	6.9	70	2	275	.28	.088	38	11	.08	1294	.01	8	.61	.01	.19	3	25
029400	39	45	12	442	1.1	108	6	428	1.67	53	10	ND	2	122	4.2	40	2	202	4.96	.098	18	20	2.44	697	.01	10	.42	.01	.16	3	7
029401	33	127	17	362	4.1	96	4	263	1.63	62	7	ND	1	335	7.8	40	2	687	2.89	.957	23	100	.59	2287	.01	18	.84	.01	.25	2	12
029402	32	142	11	291	4.4	69	3	97	1.16	61	9	ND	1	326	9.8	25	2	874	3.12	2.031	24	142	.13	1467	.01	18	.82	.01	.25	2	8
029403	10	26	45	738	1.6	68	11	675	3.51	521	16	ND	4	82	7.8	211	2	50	.16	.110	31	14	.04	1125	.01	10	.67	.01	.16	3	68
029404	8	15	45	691	1.8	57	10	622	3.76	731	17	ND	4	49	7.5	193	2	25	.10	.072	32	15	.03	768	.01	7	.48	.01	.14	3	110
029405	9	28	126	821	2.9	79	14	1030	4.15	857	20	ND	4	52	15.4	233	2	65	.13	.103	36	9	.03	724	.01	5	.55	.01	.14	4	210
029406	43	120	105	989	2.3	107	7	262	4.31	415	18	ND	3	142	9.7	182	2	306	.18	.111	26	10	.05	1107	.01	9	.73	.01	.17	4	110
029407	38	119	70	694	2.3	85	7	320	3.01	277	10	ND	2	242	8.3	118	3	324	.32	.164	20	15	.05	1655	.01	11	.72	.01	.19	3	87
029408	15	100	27	199	3.5	34	4	69	.95	58	5	ND	1	441	4.6	33	2	356	1.35	.761	15	40	.06	3380	.01	20	.87	.01	.21	1	32
029409	20	154	18	340	4.2	57	8	387	1.71	126	8	ND	1	506	7.2	60	4	564	2.27	1.521	20	56	.08	4772	.01	18	1.10	.01	.24	2	36
029410	12	127	19	459	3.7	71	10	292	2.37	130	7	ND	1	251	7.7	48	2	370	1.26	.709	21	44	.08	2766	.01	21	1.03	.01	.29	2	23
029411	6	49	17	273	1.3	46	9	251	1.73	48	9	ND	2	132	3.2	21	2	59	.12	.085	19	31	.04	1070	.01	10	.56	.01	.21	1	7
STANDARD C/AU-R	18	56	41	130	7.2	71	31	1068	3.99	38	20	6	36	51	19.0	14	19	56	.51	.095	37	57	.88	182	.09	34	1.93	.06	.16	11	460

FOSTERS BCRC 91-463

FOSTERS BCRC 91-464

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
029412	8	91	53	217	2.4	40	8	248	1.38	70	5	ND	3	677	4.8	37	2	133	.89	.525	20	92	.04	5350	.01	13	.93	.01	.14	1	19
029413	12	147	40	269	3.4	62	6	656	1.29	89	5	ND	2	525	5.4	40	2	164	2.66	1.013	21	157	.04	4260	.01	14	.77	.01	.12	1	9
029414	12	102	48	311	4.1	78	4	894	1.28	103	6	ND	2	514	4.9	37	2	147	3.48	1.209	21	148	.04	2724	.01	14	.76	.01	.13	1	9
029415	13	89	36	696	2.4	104	14	340	3.63	192	5	ND	10	403	5.3	37	2	137	2.19	.842	40	130	.04	2146	.01	10	1.09	.01	.11	2	6
029416	11	53	31	840	.9	116	26	448	5.33	181	5	ND	22	85	6.6	37	2	96	.49	.228	67	93	.30	756	.05	7	1.07	.01	.24	3	6
029417	11	108	23	1287	2.1	215	23	500	4.70	161	5	ND	14	112	7.7	40	2	120	.94	.366	45	142	.43	1138	.08	10	1.23	.01	.28	1	6
029418	9	175	25	746	4.7	156	6	83	2.99	137	9	ND	8	185	4.5	38	2	91	1.40	.483	31	129	.07	1706	.01	13	.77	.01	.15	1	8
029419	9	131	27	569	4.5	106	4	77	2.11	89	5	ND	6	193	3.1	29	2	76	1.01	.362	28	152	.05	1655	.01	14	.77	.01	.14	1	13
029420	12	115	31	495	4.1	111	7	557	1.71	73	5	ND	4	400	3.2	32	2	80	1.61	.704	24	163	.05	4304	.01	14	.90	.01	.13	1	11
029515	11	52	41	549	1.3	88	13	1258	4.05	550	5	ND	12	107	4.7	398	2	63	.53	.349	40	55	.21	1135	.01	8	1.01	.01	.15	1	460
029516	6	33	39	317	.6	54	12	800	3.60	142	5	ND	12	73	2.5	139	2	65	.83	.116	36	73	.73	766	.01	6	1.58	.01	.16	1	57
029517	8	35	337	355	1.8	47	12	1037	3.88	490	5	ND	12	75	3.0	230	2	58	.72	.105	40	54	.40	799	.01	6	1.14	.01	.13	1	310
029518	10	26	274	460	1.7	52	12	979	4.15	489	5	ND	13	80	2.3	279	2	46	.52	.067	35	50	.26	872	.01	5	.95	.01	.14	1	280
029519	13	27	165	568	1.4	64	13	721	4.19	429	5	ND	11	77	2.7	354	2	34	.25	.055	35	40	.10	996	.01	7	.76	.01	.11	1	270
029520	10	28	65	459	.5	57	12	637	4.09	320	5	ND	10	68	1.8	258	2	25	.22	.045	36	28	.05	877	.01	6	.55	.01	.11	1	99
029521	9	24	52	379	.8	40	12	737	4.00	316	5	ND	11	68	1.4	171	5	20	.27	.039	38	24	.05	789	.01	6	.54	.01	.11	1	70
029522	8	27	75	370	1.0	38	11	697	3.92	320	5	ND	10	73	2.1	151	2	22	.23	.041	36	26	.04	804	.01	6	.53	.01	.11	1	60
029523	5	19	237	464	1.2	25	10	736	3.64	234	5	ND	11	86	1.6	82	2	20	.27	.045	37	20	.05	880	.01	5	.65	.01	.12	1	43
029524	5	22	87	271	1.3	22	10	915	4.18	465	5	ND	15	101	2.3	65	3	22	.31	.076	47	20	.05	972	.01	6	.66	.01	.17	1	57
029525	6	23	55	264	.4	36	11	1087	3.40	499	5	ND	20	62	1.2	166	2	60	.38	.116	54	34	.17	829	.02	3	.82	.01	.10	1	360
029526	4	20	42	262	.2	33	10	904	3.05	243	5	ND	21	63	1.5	81	2	50	.82	.113	54	35	.05	709	.01	5	.74	.01	.11	1	43
029527	7	28	52	473	.1	58	13	854	4.23	275	5	ND	21	93	4.4	78	2	37	1.12	.125	65	21	.06	701	.01	5	.78	.01	.12	1	35
029528	11	34	37	375	.2	71	12	624	3.24	185	5	ND	13	93	3.0	55	2	40	.30	.072	40	35	.04	1190	.01	7	.59	.01	.11	1	41
029529	21	47	34	308	.8	49	5	231	2.47	115	5	ND	6	280	3.2	22	3	144	.26	.195	20	66	.04	2863	.01	16	.81	.01	.20	1	19
029530	10	29	84	577	.6	77	11	1262	3.86	136	5	ND	11	120	4.0	19	2	51	.37	.090	34	35	.05	2316	.01	8	.71	.01	.14	1	13
029531	18	67	65	371	2.2	66	6	501	2.52	109	6	ND	7	516	3.7	23	2	187	.87	.315	22	66	.06	4817	.01	16	.93	.01	.17	2	14
029532	14	104	68	390	2.5	67	4	260	1.96	155	5	ND	3	795	7.0	25	2	188	.91	.602	13	79	.04	6373	.01	16	1.04	.01	.16	1	32
029533	11	72	57	512	1.1	73	10	657	3.05	398	5	ND	10	517	5.8	45	2	93	.60	.396	35	59	.04	4951	.01	9	1.09	.01	.16	1	68
029534	7	20	67	414	.6	42	11	923	3.67	293	5	ND	15	99	3.6	46	2	28	.75	.086	39	26	.04	1144	.01	5	.71	.01	.13	1	50
029535	5	20	32	219	.2	23	9	1010	3.29	264	5	ND	13	122	2.4	33	2	21	2.34	.086	28	26	.22	665	.01	4	.63	.01	.17	1	48
029536	4	16	28	170	.1	24	9	787	3.19	194	5	ND	15	279	1.7	21	2	36	3.08	.079	36	21	.59	1033	.01	3	.67	.01	.09	1	110
029537	17	60	13	187	2.1	54	4	325	1.57	176	5	ND	3	996	1.9	37	2	150	.67	.590	16	100	.04	7712	.01	11	1.09	.01	.09	1	45
029538	12	87	25	359	.9	102	9	825	2.95	177	5	ND	7	645	3.1	38	2	72	1.02	.587	26	60	.04	5692	.01	9	1.17	.01	.12	1	28
029539	5	26	26	162	.3	31	10	721	3.22	99	5	ND	16	299	1.5	31	2	37	2.57	.105	39	30	.50	1738	.01	4	.78	.01	.12	1	18
029540	4	12	20	100	.1	16	8	619	2.84	69	5	ND	16	303	1.0	21	2	35	3.34	.096	36	30	.74	1359	.01	3	.67	.01	.13	1	14
029541	5	18	21	123	.1	21	10	1017	3.26	1224	5	ND	18	132	1.2	22	2	33	2.31	.097	46	32	.16	814	.01	4	.56	.01	.16	1	620
STANDARD C/AU-R	19	62	37	134	7.3	70	33	1059	4.01	36	18	7	38	52	18.7	16	20	56	.48	.091	38	61	.91	179	.09	32	1.95	.06	.16	11	450

FOSTERS BORE 91-464

KORANEE BORE 91-470

KORANEE BORE 91-471

JUN-24-1991 15:33 FROM HOME ANALYTICAL TO NORANDA P.003/009

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-051 File # 91-1888 Page 1

1050 Davie St., Vancouver BC V6E 1M6

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
029421	8	26	138	393	2.8	40	14	1832	4.86	1756	5	ND	13	65	5.4	242	2	31	.12	.053	42	1	.04	1166	.01	10	.61	.01	.13	1	1060
029422	7	27	154	469	2.0	47	15	1086	4.43	947	5	ND	17	67	2.5	277	2	42	.17	.089	45	4	.03	969	.01	9	.73	.01	.11	2	270
029423	7	19	81	379	1.2	41	14	1115	4.17	647	5	ND	15	53	1.8	281	3	30	.09	.057	38	5	.03	813	.01	6	.59	.01	.11	2	72
029424	8	17	72	349	1.8	43	13	1260	4.08	769	5	ND	15	58	2.9	381	2	39	.09	.057	42	5	.04	894	.01	5	.60	.01	.11	2	120
029425	7	15	52	316	1.7	38	12	1326	4.05	948	5	ND	14	65	3.6	438	2	34	.11	.066	45	1	.04	1079	.01	10	.88	.01	.17	1	280
029426	7	14	51	408	1.1	51	14	1998	3.42	504	5	ND	11	54	3.4	336	2	42	.13	.073	31	6	.03	1056	.01	7	.69	.01	.09	2	200
029427	7	12	50	372	1.1	45	13	1622	3.87	866	5	ND	10	59	3.5	751	2	38	.10	.063	33	7	.04	1073	.01	7	.69	.01	.13	2	440
029428	8	18	54	284	1.8	32	10	1563	4.41	1506	5	3	10	62	2.2	302	2	41	.10	.060	35	2	.04	1111	.01	7	.67	.01	.12	1	2130
029429	7	13	42	250	1.4	31	10	2457	5.38	1973	5	2	12	70	2.5	206	2	57	.14	.071	39	1	.05	1321	.01	9	.82	.01	.14	2	2410
029430	23	53	45	485	3.7	100	11	876	3.68	613	5	ND	7	152	6.5	189	6	156	.14	.121	26	1	.04	2431	.01	9	.72	.01	.11	3	890
029431	20	122	22	320	4.2	65	6	370	1.74	225	7	ND	4	455	5.1	129	2	469	2.27	.746	24	72	.07	3835	.01	27	1.85	.01	.23	1	110
029432	14	161	21	193	5.2	36	4	98	.93	91	7	ND	3	479	4.8	67	2	741	2.22	1.702	21	73	.08	3964	.01	22	.97	.01	.23	1	33
029433	10	123	49	271	5.3	55	6	87	1.26	123	5	ND	3	493	4.3	107	2	306	1.63	1.110	19	28	.05	5463	.01	16	.91	.01	.15	1	27
029434	8	139	38	693	5.9	137	7	101	2.36	118	5	ND	6	272	3.0	114	2	163	.98	.565	25	80	.04	3140	.01	10	.78	.01	.12	2	22
029435	9	28	204	547	2.2	37	12	586	4.72	1231	5	ND	15	90	7.8	737	3	24	.15	.086	47	1	.04	1120	.01	12	.74	.01	.18	3	210
029436	7	21	114	242	2.4	22	13	1022	5.54	1794	5	ND	16	62	5.7	419	2	23	.13	.059	50	1	.04	840	.01	9	.55	.01	.13	2	1080
029437	5	33	136	321	3.2	21	13	2119	6.83	2330	5	2	14	76	8.9	346	2	46	.15	.056	47	1	.05	1173	.01	11	.79	.01	.13	1	2410
029438	5	22	57	241	1.6	19	12	1193	5.30	2152	5	ND	12	52	3.2	207	2	24	.15	.037	44	4	.05	712	.01	5	.59	.01	.14	2	800
029439	6	21	57	274	1.5	27	14	1264	4.51	1063	5	2	11	64	2.4	198	2	20	.71	.037	41	3	.06	764	.01	9	.79	.01	.18	1	380
029440	4	18	33	162	1.3	23	12	1483	4.67	1168	5	ND	8	213	1.6	196	2	30	4.85	.031	22	18	.93	545	.01	4	.54	.01	.10	1	1050
029441	5	13	22	217	1.4	27	10	1700	4.49	1397	5	3	9	239	2.9	353	2	55	4.07	.047	24	21	.81	736	.01	4	.53	.01	.07	1	3080
029442	12	32	34	713	2.4	120	12	2540	4.41	823	5	ND	5	125	13.8	1487	2	90	.29	.109	17	28	.06	1786	.01	8	.52	.01	.09	3	1080
029443	11	40	43	575	2.5	75	10	935	3.89	1254	5	ND	8	184	12.0	502	2	111	.28	.179	28	1	.04	2219	.01	9	.69	.01	.13	3	2200
029444	23	143	37	633	4.5	124	11	637	2.46	231	9	ND	4	400	6.8	203	3	313	1.89	1.617	26	65	.08	4624	.01	22	1.08	.01	.24	3	51
029445	14	76	25	274	2.2	59	7	309	1.54	93	5	ND	3	164	2.8	58	2	59	.70	.368	16	92	.04	1885	.01	14	.55	.01	.14	1	28
029446	10	35	28	255	1.7	53	13	776	1.74	92	5	ND	2	40	3.0	56	2	29	.06	.034	9	57	.02	968	.01	5	.27	.01	.06	1	48
029447	11	31	22	338	1.9	59	12	835	1.83	75	5	ND	2	34	2.8	42	2	25	.04	.030	8	56	.02	1044	.01	5	.25	.01	.07	2	22
029448	13	42	29	438	1.9	66	13	594	2.46	113	5	ND	4	60	3.2	50	2	43	.21	.098	14	51	.04	1122	.01	11	.42	.01	.13	2	29
029449	8	50	23	350	1.7	75	10	692	2.26	74	5	ND	7	48	2.5	35	2	19	.07	.052	21	8	.05	825	.01	13	.55	.01	.19	1	12
029450	15	64	28	377	2.2	77	12	697	2.72	104	5	ND	5	116	2.3	35	2	55	.48	.236	19	54	.06	1422	.01	14	.66	.01	.21	1	10
029451	13	54	23	467	.8	90	17	2158	3.01	75	5	ND	9	59	2.6	27	2	21	.08	.057	30	1	.08	1109	.01	15	.79	.01	.29	2	11
029452	12	34	137	261	2.0	37	8	653	3.30	186	5	ND	11	77	2.9	60	2	30	.08	.045	40	17	.05	891	.01	12	.78	.01	.18	1	19
029453	8	63	38	417	1.3	89	14	658	3.52	153	5	ND	14	107	8.2	70	2	74	.09	.078	44	12	.04	779	.01	12	.86	.01	.18	2	13
029454	8	55	42	576	1.0	81	13	534	3.70	189	5	ND	15	261	9.0	103	2	98	.27	.162	52	21	.06	638	.01	8	1.03	.01	.20	3	4
029455	8	53	40	616	.8	81	13	1157	3.50	167	5	ND	13	220	13.1	74	2	100	.29	.172	51	24	.05	631	.01	5	.99	.01	.20	2	3
029456	6	25	44	481	.8	43	13	969	3.93	76	5	ND	13	76	7.9	42	2	42	.34	.091	46	12	.04	752	.01	9	.86	.01	.16	1	2
STANDARD C/AU-R	19	60	40	132	6.9	71	33	1046	3.94	38	18	8	40	52	18.5	15	20	56	.48	.090	39	58	.88	176	.09	34	1.87	.07	.15	12	510

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: ROCK PULP

DATE RECEIVED: JUN 20 1991 DATE REPORT MAILED: June 25/91 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

FOSTERS BCRC 91-465
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JUL-03-1991 10:58 FROM HUME ANALYTICAL IU NUMINUH YT P.002/004

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
029457	10	61	72	717	1.4	78	13	983	3.86	156	5	ND	9	186	6.2	72	2	113	.34	.097	31	1	.04	1831	.01	7	.94	.01	.14	4	7
029458	8	14	50	655	.8	60	15	1303	4.51	97	5	ND	15	91	4.8	56	2	41	.08	.054	45	1	.05	1294	.01	9	.82	.01	.16	4	10
029459	6	9	36	639	.5	64	16	1240	4.75	93	5	ND	16	70	5.5	36	2	51	.08	.037	43	1	.05	1935	.01	11	1.84	.01	.17	4	3
029460	6	9	27	439	.5	41	14	1019	4.39	113	5	ND	15	75	5.7	37	2	49	.35	.036	43	9	.05	935	.01	8	.86	.01	.14	2	7
029461	4	10	24	352	.5	29	12	1213	4.36	64	5	ND	15	72	2.9	27	2	45	2.00	.032	42	7	.06	811	.01	9	.87	.01	.14	4	7
029462	4	12	36	202	.6	19	11	1027	3.81	32	5	ND	17	63	1.5	25	2	44	1.93	.100	52	15	.07	336	.01	9	.84	.01	.18	1	4
029463	5	16	33	335	.6	31	12	951	4.09	56	5	ND	16	37	1.4	27	2	33	1.40	.103	54	17	.08	286	.01	13	1.03	.01	.24	1	8
029464	20	135	46	671	5.5	131	10	475	3.53	186	5	ND	6	651	4.4	112	3	1065	1.66	.935	27	1	.11	6048	.01	32	1.50	.01	.32	3	50
029465	6	33	64	506	2.0	31	11	1259	4.27	601	5	ND	11	195	5.8	62	2	84	4.72	.062	24	14	.70	1198	.01	5	.79	.01	.12	3	460
029466	9	34	53	483	2.0	42	13	1102	3.88	252	5	ND	13	163	3.9	98	2	96	1.92	.097	32	9	.25	1472	.01	6	.97	.01	.15	1	330
029467	9	27	195	583	4.3	34	11	1099	4.08	891	5	ND	14	80	6.3	148	2	47	.22	.049	38	19	.06	864	.01	9	.82	.01	.14	4	820
029468	6	19	59	281	1.8	28	12	1225	4.34	1391	5	4	15	81	3.0	106	2	52	1.10	.034	40	14	.08	837	.01	7	.75	.01	.12	1	2950
029469	7	30	120	439	2.8	44	13	1557	5.25	641	5	2	11	218	5.1	98	2	53	4.07	.028	33	24	1.00	899	.01	5	.64	.01	.10	3	1340
029470	6	52	138	219	2.7	39	11	386	3.07	268	5	ND	12	381	1.1	55	2	44	.46	.197	39	1	.15	3115	.01	19	1.20	.01	.37	1	320
029471	7	150	129	168	2.8	42	11	237	3.31	209	5	ND	10	619	.9	52	2	46	.21	.212	33	1	.12	2961	.01	17	1.30	.01	.48	2	25
029472	12	163	119	175	4.7	55	12	379	2.77	148	5	ND	8	698	4.0	46	4	97	.52	.477	35	1	.15	4632	.01	19	1.59	.01	.58	2	21
029473	6	41	145	98	4.0	20	5	97	1.46	128	5	ND	6	223	1.5	40	3	42	.11	.089	29	1	.08	2624	.01	16	.70	.01	.23	1	19
029474	9	33	99	363	2.7	34	13	1935	4.06	242	5	ND	12	96	6.5	51	2	30	.15	.079	37	10	.06	1687	.01	12	.65	.01	.16	2	68
029475	11	20	125	224	3.2	20	7	705	1.70	74	5	ND	7	61	3.2	30	2	20	.09	.038	21	81	.05	1044	.01	16	.51	.01	.16	1	15
029476	11	25	142	151	2.1	22	8	691	1.46	67	5	ND	4	90	1.8	34	2	17	.06	.040	13	85	.03	913	.01	10	.31	.01	.10	2	12
029477	11	41	83	359	2.2	52	14	995	3.97	280	5	ND	15	122	3.9	153	2	106	.49	.207	49	28	.06	1421	.01	12	.92	.01	.19	1	46
029478	9	32	296	319	4.6	31	13	870	4.52	174	5	ND	15	102	3.9	148	2	54	.31	.139	50	27	.06	1148	.01	13	1.01	.01	.23	1	60
029479	15	70	86	218	3.7	45	8	369	2.39	341	5	ND	7	611	4.2	144	2	159	.40	.356	27	29	.06	4640	.01	24	1.19	.01	.25	1	57
029480	20	106	90	426	4.2	95	10	357	2.77	471	5	ND	5	542	4.6	144	2	333	.92	.639	22	122	.09	3356	.01	19	1.36	.01	.27	1	24
029481	11	25	63	306	1.9	41	15	1394	4.29	388	5	ND	14	186	3.6	126	2	50	.34	.142	47	1	.05	2035	.01	13	.95	.01	.21	1	44
029482	12	28	193	378	3.4	41	14	1321	3.80	477	5	ND	12	126	4.6	180	2	34	.11	.083	42	12	.05	1438	.01	24	.98	.01	.22	2	230
029483	15	40	112	361	3.4	67	16	1810	4.98	1647	5	ND	14	145	9.2	258	2	62	.15	.095	48	1	.04	1792	.01	9	1.04	.01	.17	2	770
029484	13	43	108	444	3.2	55	15	1291	5.96	1387	5	2	18	139	12.9	331	2	63	.11	.091	57	1	.04	1720	.01	7	1.01	.01	.15	2	1780
029485	33	118	118	744	3.0	103	15	1484	4.02	939	5	ND	6	421	11.2	285	2	272	.14	.165	22	11	.06	3282	.01	11	1.00	.01	.17	5	940
029486	12	37	61	783	1.6	99	21	1934	7.26	1073	5	2	11	117	9.9	339	2	109	.09	.074	33	16	.04	1216	.01	6	1.15	.01	.17	6	910
029487	12	43	46	667	2.9	118	18	1922	4.12	1081	5	2	12	204	11.3	960	2	91	.13	.108	34	4	.04	2083	.01	9	1.08	.01	.14	4	1580
029488	18	115	48	613	4.6	141	15	1125	2.71	489	5	ND	4	663	9.2	290	3	230	.98	.764	20	29	.07	5624	.01	28	1.51	.01	.23	4	37
029489	9	129	34	675	3.6	157	8	189	2.61	289	5	ND	7	441	5.0	187	2	98	.25	.141	30	55	.08	1783	.01	23	1.63	.01	.27	3	26
029490	8	75	30	563	1.5	129	15	283	3.23	180	5	ND	7	207	4.1	166	2	44	.19	.105	26	19	.09	1140	.01	21	1.22	.01	.30	4	26
029491	6	46	16	210	.9	52	9	575	2.45	71	5	ND	6	203	1.4	62	2	27	4.40	.056	21	19	1.95	983	.01	22	.85	.01	.31	1	10
029492	5	49	13	152	.5	44	11	542	2.14	59	5	ND	7	72	.7	41	2	19	.81	.028	24	11	.29	603	.01	19	.73	.01	.32	1	22
STANDARD C/AU-R	19	59	35	131	7.2	70	33	1052	3.94	40	18	8	40	53	18.5	15	19	56	.48	.089	39	59	.88	175	.09	31	1.87	.07	.15	12	470

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
029493	11	51	18	174	.3	56	10	693	2.89	70	5	ND	7	69	.5	43	2	21	1.12	.035	25	18	.23	523	.01	12	.54	.01	.19	1	9
029494	3	44	17	113	.2	34	10	715	2.76	40	5	ND	8	35	.2	32	2	15	.09	.024	28	17	.08	484	.01	16	.68	.01	.25	1	3
029495	10	49	21	146	1.0	54	13	1013	2.87	57	5	ND	8	34	.9	44	2	25	.09	.032	31	19	.08	518	.01	14	.69	.01	.27	1	14
029496	9	42	34	298	.4	42	10	721	3.59	775	5	ND	11	94	3.8	191	2	53	.13	.090	40	37	.04	1126	.01	11	.87	.01	.18	1	89
029497	17	107	76	269	1.6	52	6	500	2.30	496	5	ND	6	494	3.3	202	2	154	.64	.326	22	92	.05	3910	.01	13	1.07	.01	.16	1	210
029498	16	71	57	371	1.5	67	7	556	3.12	840	5	ND	7	356	4.0	256	2	120	.32	.252	26	75	.04	3443	.01	11	1.02	.01	.13	1	420
029499	7	27	58	303	1.4	29	10	1137	4.19	1181	5	ND	13	75	5.6	89	2	36	.69	.053	35	35	.05	1383	.01	4	.68	.01	.09	1	710
029500	6	19	32	177	.8	25	9	1605	3.69	3041	5	ND	10	122	2.1	70	2	42	3.42	.041	27	35	.79	694	.01	4	.63	.01	.08	1	1080
029501	5	18	29	257	.6	30	10	1465	3.70	920	5	ND	10	69	4.5	83	2	38	3.43	.038	24	31	.09	859	.01	3	.48	.01	.08	1	1250
029502	4	18	25	270	.5	34	11	1530	3.69	580	5	ND	11	73	4.3	69	2	39	3.15	.030	21	36	.40	802	.01	4	.71	.01	.09	1	430
029503	6	18	29	245	1.3	32	9	1772	4.57	2703	5	5	9	80	5.0	179	2	44	3.33	.040	19	36	.32	1063	.01	3	.63	.01	.07	1	4250
029504	8	53	71	631	2.3	90	12	1949	4.43	1872	5	2	8	169	13.3	1730	2	65	.82	.288	36	62	.07	1617	.01	11	.97	.01	.19	1	2760
029505	11	31	29	372	1.9	84	13	1045	2.04	284	5	ND	2	38	5.0	187	2	27	.13	.035	9	98	.03	668	.01	5	.29	.01	.07	1	370
029506	21	41	25	953	2.1	216	22	6396	4.35	564	5	ND	4	90	30.0	356	2	75	.21	.092	18	63	.05	1599	.01	7	.65	.01	.11	1	290
029507	17	81	41	585	2.8	137	17	3365	2.26	192	5	ND	4	199	15.1	120	2	47	.34	.182	23	87	.06	2068	.01	12	.70	.01	.17	1	57
029508	15	45	92	460	1.2	75	10	1094	3.16	552	5	ND	9	211	7.0	56	3	32	.46	.219	34	62	.07	1804	.01	12	.99	.01	.25	1	32
029509	12	37	55	412	.8	59	10	800	3.02	568	5	ND	8	74	5.3	38	2	16	.09	.060	30	27	.04	651	.01	7	.55	.01	.16	1	220
029510	17	90	74	529	1.6	123	11	2392	2.76	157	5	ND	4	190	6.3	51	2	43	.26	.176	20	85	.04	1954	.01	8	.61	.01	.14	1	7
029511	24	52	130	441	2.2	93	14	845	3.06	927	5	ND	4	97	2.0	45	2	31	.09	.064	16	98	.05	1139	.01	9	.46	.01	.13	1	300
029512	14	80	35	549	1.0	115	13	437	3.43	916	5	ND	10	62	1.9	32	2	42	.14	.079	36	25	.09	618	.01	13	.73	.01	.28	1	11
029513	11	59	22	408	.6	80	12	584	2.91	87	5	ND	8	86	.9	42	2	17	.07	.061	29	33	.08	435	.01	13	.69	.01	.29	1	13
029514	6	53	27	256	.6	48	7	336	3.70	64	5	ND	10	220	.9	26	2	30	.13	.284	33	20	.07	278	.01	12	.65	.01	.37	1	10
STANDARD C/AU-R	19	64	42	132	7.5	69	32	1067	3.97	39	16	7	38	52	19.0	17	19	56	.47	.090	39	58	.89	178	.09	32	1.94	.06	.16	11	510

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
029412	8	91	53	217	2.6	40	8	248	1.38	70	5	ND	3	677	4.8	37	2	133	.89	.525	20	92	.04	5350	.01	13	.93	.01	.14	1	19
029413	12	147	40	269	3.4	62	6	656	1.29	89	5	ND	2	525	5.4	40	2	164	2.66	1.013	21	157	.04	4260	.01	14	.77	.01	.12	1	9
029414	12	102	48	311	4.1	78	4	894	1.28	103	6	ND	2	514	4.9	37	2	147	3.48	1.209	21	148	.04	2724	.01	14	.76	.01	.13	1	9
029415	13	89	36	696	2.4	104	14	340	3.63	192	5	ND	10	403	5.3	37	2	137	2.19	.842	40	130	.04	2146	.01	10	1.09	.01	.11	2	6
029416	11	53	31	840	.9	116	26	448	5.33	181	5	ND	22	85	6.6	37	2	96	.49	.228	67	93	.30	756	.05	7	1.07	.01	.24	3	6
029417	11	108	23	1287	2.1	215	23	500	4.70	161	5	ND	14	112	7.7	40	2	120	.94	.366	45	142	.43	1138	.08	10	1.23	.01	.28	1	6
029418	9	175	25	746	4.7	156	6	83	2.99	137	9	ND	8	185	4.5	38	2	91	1.40	.483	31	129	.07	1706	.01	13	.77	.01	.15	1	8
029419	9	151	27	569	4.5	106	4	77	2.11	89	5	ND	6	193	3.1	29	2	76	1.01	.362	28	152	.05	1655	.01	14	.77	.01	.14	1	13
029420	12	115	31	495	4.1	111	7	557	1.71	73	5	ND	4	400	3.2	32	2	80	1.61	.704	24	163	.05	4304	.01	14	.90	.01	.13	1	11
029515	11	52	41	549	1.3	88	13	1258	4.05	550	5	ND	12	107	4.7	398	2	63	.53	.149	40	55	.21	1135	.01	8	1.01	.01	.15	1	460
029516	6	33	39	317	.6	54	12	800	3.60	142	5	ND	12	73	2.5	139	2	65	.83	.116	36	73	.73	766	.01	6	1.58	.01	.16	1	57
029517	8	35	337	355	1.8	47	12	1037	3.88	490	5	ND	12	75	3.0	230	2	58	.72	.105	40	54	.40	799	.01	6	1.14	.01	.13	1	310
029518	10	26	274	460	1.7	52	12	979	4.15	489	5	ND	13	80	2.3	279	2	46	.52	.067	35	50	.26	872	.01	5	.95	.01	.14	1	280
029519	13	27	165	568	1.4	64	13	721	4.19	429	5	ND	11	77	2.7	354	2	34	.25	.055	35	40	.10	996	.01	7	.76	.01	.11	1	270
029520	10	28	65	459	.5	57	12	637	4.09	320	5	ND	10	68	1.8	258	2	25	.22	.045	36	28	.05	877	.01	6	.55	.01	.11	1	99
029521	9	24	52	379	.8	40	12	737	4.00	316	5	ND	11	68	1.4	171	5	20	.27	.039	38	24	.05	789	.01	6	.54	.01	.11	1	70
029522	8	27	75	370	1.0	38	11	697	3.92	320	5	ND	10	73	2.1	151	2	22	.23	.041	36	26	.04	804	.01	6	.53	.01	.11	1	60
029523	5	19	237	464	1.2	25	10	736	3.64	234	5	ND	11	86	1.6	82	2	20	.27	.045	37	20	.05	880	.01	5	.65	.01	.12	1	43
029524	5	22	87	271	1.3	22	10	915	4.18	465	5	ND	15	101	2.3	65	3	22	.31	.076	47	20	.05	972	.01	6	.66	.01	.17	1	57
029525	6	23	55	264	.4	36	11	1087	3.40	499	5	ND	20	62	1.2	166	2	60	.38	.116	54	34	.17	829	.02	3	.82	.01	.10	1	360
029526	4	20	42	262	.2	33	10	904	3.05	243	5	ND	21	63	1.5	81	2	50	.82	.113	54	35	.05	709	.01	5	.74	.01	.11	1	43
029527	7	28	52	473	.1	58	13	854	4.23	275	5	ND	21	73	4.4	78	2	37	1.12	.125	65	21	.06	701	.01	5	.78	.01	.12	1	35
029528	11	34	37	375	.2	71	12	624	3.24	185	5	ND	13	93	3.0	55	2	40	.30	.072	40	35	.04	1190	.01	7	.59	.01	.11	1	41
029529	21	47	34	308	.8	49	5	231	2.47	115	5	ND	6	280	3.2	22	3	144	.26	.195	20	66	.04	2863	.01	16	.81	.01	.20	1	19
029530	10	29	84	577	.6	77	11	1262	3.86	136	5	ND	11	120	4.0	19	2	51	.37	.090	34	35	.05	2316	.01	8	.71	.01	.14	1	13
029531	18	67	65	371	2.2	66	6	501	2.52	109	6	ND	7	516	3.7	23	2	187	.87	.315	22	66	.06	4817	.01	16	.93	.01	.17	2	14
029532	14	104	68	390	2.5	67	4	260	1.96	155	5	ND	3	795	7.0	25	2	188	.91	.602	13	79	.04	6373	.01	16	1.04	.01	.16	1	32
029533	11	72	57	512	1.1	73	10	657	3.05	398	5	ND	10	517	5.8	45	2	93	.60	.396	35	59	.04	4951	.01	9	1.09	.01	.16	1	68
029534	7	20	67	414	.6	42	11	923	3.67	293	5	ND	15	99	3.6	46	2	28	.75	.086	39	26	.04	1144	.01	5	.71	.01	.13	1	50
029535	5	20	32	219	.2	23	9	1010	3.29	264	5	ND	13	122	2.4	33	2	21	2.34	.086	28	26	.22	665	.01	4	.63	.01	.17	1	48
029536	4	16	28	170	.1	24	9	787	3.19	194	5	ND	15	279	1.7	21	2	36	3.08	.079	36	21	.59	1033	.01	3	.67	.01	.09	1	110
029537	17	60	13	187	2.1	54	4	325	1.57	176	5	ND	3	996	1.9	37	2	150	.67	.590	16	100	.04	7712	.01	11	1.09	.01	.09	1	45
029538	12	87	25	359	.9	102	9	825	2.95	177	5	ND	7	645	3.1	38	2	72	1.02	.587	26	60	.04	5692	.01	9	1.17	.01	.12	1	28
029539	5	26	26	162	.3	31	10	721	3.22	99	5	ND	16	299	1.5	31	2	37	2.57	.105	39	30	.50	1738	.01	4	.78	.01	.12	1	10
029540	4	12	20	100	.1	16	8	619	2.84	69	5	ND	16	303	1.0	21	2	35	3.34	.096	36	30	.74	1359	.01	3	.67	.01	.13	1	14
029541	5	18	21	123	.1	21	10	1017	3.26	1224	5	ND	18	132	1.2	22	2	33	2.31	.097	46	32	.16	814	.01	4	.56	.01	.16	1	620
STANDARD C/AU-R	19	62	37	134	7.3	70	33	1059	4.01	36	18	7	38	52	18.7	16	20	56	.48	.091	38	61	.91	179	.09	32	1.95	.06	.16	11	450

FOSTERS BORE 91-464

KOKANUEE BORE 91-470

KOKANUEE BORE 91-471

KOKANUEE BORE 91-471

KOKANUEE BORE 91-472

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
029542	5	18	21	101	.2	15	9	784	3.17	384	5	ND	15	206	.4	21	2	25	2.89	.093	43	24	.47	720	.01	5	.70	.01	.14	1	110
029543	4	15	17	95	.2	11	8	597	2.82	35	5	ND	16	240	.5	8	2	35	3.07	.089	35	28	.73	481	.01	4	.72	.01	.15	1	26
029544	5	12	26	111	.2	13	8	665	2.80	73	5	ND	16	155	.6	11	2	33	3.20	.083	37	30	.34	546	.01	4	.47	.01	.11	1	27
029545	7	23	20	102	.1	11	8	640	2.63	53	5	ND	18	69	.3	11	2	28	2.28	.091	42	31	.09	364	.01	5	.60	.01	.13	1	7
029546	7	38	23	110	.4	12	10	659	3.30	94	5	ND	17	84	.5	12	2	24	2.36	.090	40	23	.17	314	.01	4	.57	.01	.14	1	2
029547	4	24	14	74	.2	12	10	610	3.32	19	5	ND	15	281	.5	10	2	27	3.09	.087	32	30	.98	187	.01	4	.81	.01	.16	1	26
029548	4	19	14	87	.2	11	9	805	2.94	29	7	ND	16	297	.5	5	2	25	3.36	.085	38	24	1.01	273	.01	4	.48	.01	.12	1	5
029549	9	22	60	177	.5	22	12	1754	3.47	71	5	ND	20	354	1.1	12	2	31	3.29	.083	42	59	1.05	524	.01	4	.60	.01	.14	1	64
029550	6	32	48	143	.4	21	11	1087	3.37	58	5	ND	22	412	1.0	11	2	28	3.25	.093	43	42	1.13	464	.01	3	.58	.01	.14	1	30
029551	6	26	29	123	.3	24	11	942	3.18	44	5	ND	22	344	.8	12	2	28	3.21	.092	45	41	.98	420	.01	3	.51	.01	.13	1	26
029552	4	21	24	91	.2	12	8	730	2.75	27	5	ND	16	251	.4	6	2	37	2.70	.087	35	36	.77	359	.02	3	.72	.03	.16	1	22
029553	4	15	17	91	.3	11	8	751	2.89	34	5	ND	16	218	.6	5	2	46	2.73	.083	45	35	1.09	557	.03	4	.82	.01	.18	1	36
029554	4	13	32	145	.3	12	6	694	3.07	31	5	ND	13	337	1.1	5	2	42	5.03	.074	41	30	1.51	471	.01	2	.46	.01	.07	1	21
029555	5	19	20	172	.5	17	8	651	2.89	31	11	ND	14	264	1.3	6	2	41	3.85	.087	39	36	1.04	199	.01	3	.52	.01	.10	1	12
029556	3	15	31	119	.2	9	7	653	2.84	35	5	ND	14	307	1.0	5	2	36	3.60	.087	39	30	1.16	290	.01	3	.65	.01	.12	1	26
029557	5	16	31	160	.5	13	6	588	2.56	22	5	ND	13	360	1.6	6	2	32	3.63	.100	34	29	1.12	972	.01	5	.58	.01	.10	1	13
029558	7	15	28	380	.1	31	8	610	2.38	20	5	ND	13	212	2.7	8	2	43	3.01	.104	33	33	.42	817	.01	2	.49	.01	.07	1	9
029559	15	47	19	248	.9	26	2	168	.81	30	5	ND	3	490	2.6	16	2	262	2.78	.881	15	101	.09	2452	.01	12	.84	.01	.12	1	2
029560	20	57	14	210	1.6	36	2	70	1.03	32	7	ND	3	262	1.8	12	2	252	1.33	.480	12	75	.05	839	.01	16	.59	.01	.13	1	2
029561	28	49	9	296	1.7	43	3	311	1.15	44	17	ND	4	379	3.5	20	2	216	5.20	.258	11	74	.28	304	.01	15	.53	.01	.13	1	1
562 NO SAMPLE																															
029563	3	21	47	178	.7	22	12	932	3.99	1461	5	3	13	73	.3	79	2	52	.07	.030	29	41	.02	819	.01	3	.51	.01	.04	1	3920
029564	4	18	45	188	1.0	25	12	1023	3.81	1972	5	5	14	77	.4	91	2	49	.12	.028	30	41	.02	773	.01	3	.50	.01	.05	1	5010
029565	3	18	39	199	1.4	26	12	1466	4.04	3084	5	9	15	70	.7	75	2	46	.14	.029	33	36	.03	732	.01	5	.53	.01	.07	1	10890
029566	2	22	40	148	1.6	17	11	1404	4.01	4641	5	14	14	88	.5	50	2	46	.18	.021	36	38	.03	672	.01	5	.54	.01	.08	1	14990
029567	4	18	32	178	1.2	25	10	1988	3.45	2626	8	8	14	67	1.2	78	2	37	.31	.026	37	35	.03	658	.01	4	.40	.01	.07	2	8600
029568	3	24	27	231	2.3	27	13	1111	3.95	3923	5	14	14	64	3.9	142	2	38	.28	.017	38	34	.03	506	.01	4	.42	.01	.07	1	15210
029569	3	18	24	142	2.1	22	10	1120	4.14	3504	9	11	13	62	1.2	425	2	30	.17	.027	32	30	.03	708	.01	4	.38	.01	.09	1	1080
029570	3	13	19	77	.7	17	10	859	4.26	2745	5	3	14	63	.3	105	2	15	.19	.047	42	22	.04	747	.01	7	.49	.01	.14	1	2170
029571	5	35	30	294	.8	24	8	317	3.76	1276	5	ND	12	122	1.6	69	2	53	.26	.106	38	35	.03	1508	.01	7	.60	.01	.14	1	470
029572	16	88	22	219	1.2	45	2	61	1.84	185	5	ND	3	419	3.3	26	2	383	.81	.472	14	90	.04	2579	.02	15	.79	.01	.17	1	100
029573	11	26	20	122	.5	33	3	33	2.66	136	5	ND	8	109	.2	22	2	73	.12	.051	27	30	.05	490	.01	13	.55	.01	.26	1	38
029574	7	39	28	288	.1	59	15	691	4.64	171	5	ND	28	55	1.3	26	2	33	.42	.122	80	40	.05	396	.01	6	.58	.01	.17	1	2
029575	10	38	40	181	.3	39	15	948	4.50	126	5	ND	25	97	.9	15	2	25	1.30	.095	74	71	.06	683	.01	5	.49	.01	.14	1	6
029576	7	34	31	156	.1	43	15	917	4.05	116	5	ND	27	47	.5	10	2	21	.75	.097	77	40	.06	320	.01	6	.54	.01	.18	1	4
029577	15	42	27	305	.5	71	10	415	3.73	187	5	ND	16	110	.6	20	2	63	.22	.079	50	38	.05	1150	.01	10	.64	.01	.19	1	29
029578	4	20	22	275	.1	41	11	648	3.13	40	5	ND	15	81	2.0	9	2	40	1.27	.095	41	32	.13	812	.01	4	.75	.01	.12	1	2
STANDARD C/AU-R	19	60	41	132	7.4	70	34	1064	3.98	38	18	6	40	52	18.7	14	20	56	.48	.089	38	58	.89	177	.09	32	1.95	.05	.16	11	470

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
029579	3	15	20	140	.2	23	12	638	3.58	49	8	ND	11	83	.7	9	2	59	1.03	.104	47	20	.75	1479	.01	2	1.51	.02	.18	1	10
029580	3	20	8	139	.2	29	12	747	3.59	61	7	ND	11	100	.8	5	2	73	.81	.106	47	1	.89	2401	.04	2	1.81	.02	.22	1	7
029581	3	14	11	96	.3	15	9	551	3.35	20	10	ND	11	194	.2	4	2	81	2.29	.089	43	52	1.25	592	.08	4	1.81	.04	.31	1	3
029582	3	16	12	110	.3	19	11	605	3.28	24	9	ND	10	137	.3	6	2	82	2.05	.087	50	35	1.24	1343	.10	2	1.91	.04	.34	1	1
029583	3	12	13	94	.2	15	10	984	3.24	18	6	ND	10	107	.3	3	2	84	1.73	.081	45	48	1.21	967	.11	2	1.86	.04	.38	1	2
029584	2	13	7	92	.3	12	10	619	3.27	39	8	ND	12	90	.4	8	2	73	1.63	.094	51	39	1.08	859	.02	2	1.81	.02	.15	1	2
029585	3	15	21	108	.2	21	12	563	3.38	31	6	ND	12	74	.5	23	2	57	1.14	.096	47	31	.73	1033	.01	3	1.54	.02	.14	1	2
029586	3	22	17	131	.4	29	15	222	3.23	63	17	ND	12	55	1.4	42	2	40	.51	.123	61	11	.47	1507	.01	4	1.63	.01	.16	1	2
029587	3	10	25	179	.3	26	12	444	2.82	43	15	ND	12	48	1.9	55	2	20	.59	.112	64	21	.19	386	.01	6	1.20	.01	.20	1	1
029588	4	30	33	160	.3	52	14	260	2.70	68	20	ND	12	48	2.6	34	2	32	.50	.135	68	21	.15	325	.01	4	1.29	.01	.19	1	1
029589	3	24	16	143	.3	24	11	503	3.30	62	9	ND	12	86	1.1	51	2	31	2.59	.103	49	6	.39	1190	.01	2	1.42	.01	.16	1	3
029590	2	17	16	97	.4	13	10	557	3.62	99	10	ND	12	115	.2	40	2	56	2.49	.098	47	11	.79	1791	.02	3	2.04	.02	.20	1	1
029591	6	23	22	217	.4	29	12	707	3.82	182	10	ND	11	99	1.1	45	2	54	2.40	.098	51	18	.50	1353	.01	3	1.56	.01	.17	1	3
029592	3	17	15	170	.3	33	13	491	3.75	115	11	ND	12	83	1.5	36	2	82	1.05	.102	53	29	.98	1331	.11	2	2.32	.02	.39	1	4
029593	3	15	22	175	.3	30	13	673	3.81	133	9	ND	13	110	.5	42	2	72	1.71	.099	50	18	1.02	1877	.06	6	2.63	.02	.30	1	6
029594	3	18	20	276	.4	47	13	555	3.79	135	11	ND	11	64	.9	32	2	56	1.10	.106	50	33	.67	482	.02	5	1.92	.02	.17	1	11
029595	7	18	22	274	.3	35	12	792	3.60	154	12	ND	11	107	.5	19	2	42	3.00	.099	47	29	.19	590	.01	7	1.00	.01	.13	1	2
029596	9	14	30	537	.4	57	15	1322	3.45	153	16	ND	10	97	2.3	19	2	39	1.82	.116	55	16	.12	762	.01	8	.89	.01	.10	1	7
029597	15	46	26	537	.6	77	8	185	3.48	166	5	ND	4	363	2.3	50	2	92	.25	.120	27	20	.04	1127	.01	9	.72	.01	.18	2	7
029598	9	37	36	704	.5	77	17	637	3.88	328	5	ND	9	153	6.8	24	2	38	.52	.128	33	12	.11	627	.01	6	.74	.01	.12	2	55
029599	5	18	28	273	.6	34	11	1267	4.00	440	5	ND	8	363	3.8	21	2	42	2.85	.107	28	15	.82	879	.01	5	.72	.01	.13	1	250
029600	5	14	35	399	.3	32	11	838	3.01	418	5	ND	9	152	2.0	20	2	20	1.64	.085	30	28	.26	574	.01	8	.78	.01	.15	1	56
029601	6	36	46	270	.8	48	12	583	3.22	599	9	ND	10	228	4.5	40	2	67	.49	.128	44	18	.06	841	.01	4	.84	.01	.15	1	338
029602	8	30	26	110	1.3	23	5	131	1.55	246	5	ND	6	307	3.8	23	2	188	.25	.213	29	1	.05	3125	.01	8	.81	.01	.14	1	390
029603	13	21	3	27	3.1	15	5	37	1.07	96	5	ND	1	525	3.0	9	2	371	.29	.597	8	1	.03	6936	.01	15	.82	.01	.09	1	23
029604	14	52	9	138	3.2	38	4	36	1.41	173	5	ND	1	417	4.9	15	2	579	.66	.705	10	1	.04	4637	.01	14	.79	.01	.13	1	42
029605	13	54	14	196	2.9	44	3	33	1.32	172	5	ND	2	411	5.3	20	2	454	2.22	1.332	23	72	.05	2341	.01	14	.86	.01	.21	1	190
029606	12	230	12	421	6.4	91	6	69	1.92	310	11	ND	4	694	10.8	37	2	628	3.18	2.251	37	73	.05	3401	.01	13	1.21	.01	.21	3	180
029607	17	124	11	383	3.2	93	5	99	1.35	123	5	ND	3	325	6.2	26	2	603	1.60	.787	22	52	.08	2642	.01	9	.99	.01	.20	1	61
029608	3	17	22	123	.4	17	11	573	3.17	187	14	ND	13	56	.4	17	2	74	.57	.109	61	1	.49	1982	.09	2	1.50	.02	.31	1	190
029609	3	16	31	117	.3	16	10	466	3.02	57	15	ND	13	49	.3	14	2	67	.64	.108	66	15	.40	1171	.06	2	1.40	.02	.16	1	21
029610	2	16	27	109	.3	14	10	606	4.07	72	11	ND	12	53	.3	16	3	83	.67	.107	54	13	.75	1569	.19	2	1.72	.03	.25	1	42
029611	3	14	25	125	.3	14	10	616	3.97	82	18	ND	14	47	.3	31	2	84	.53	.106	59	18	.76	1326	.18	2	2.06	.02	.67	1	35
029612	3	15	44	130	.4	15	10	617	3.71	66	15	ND	13	49	.5	19	2	83	.58	.108	56	29	.57	906	.15	3	1.41	.03	.22	1	15
029613	4	18	46	155	.4	19	12	865	3.98	99	23	ND	14	59	.3	28	2	78	.30	.111	62	24	.05	938	.01	5	.94	.01	.08	1	23
029614	3	18	40	134	.9	15	11	954	3.90	332	6	2	10	90	.5	44	2	60	.41	.040	32	10	.15	1022	.01	3	.79	.01	.03	1	450
STANDARD C/AU-R	18	56	41	131	6.9	70	32	1028	3.91	37	18	7	36	52	18.4	14	17	57	.48	.090	37	56	.87	174	.09	32	1.86	.06	.15	11	500

KOKANEE BORC 91-473

KOKANEE BORC 91-473

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
029615	3	12	30	111	1.2	10	11	1213	3.65	2254	5	6	13	73	.9	54	2	43	.68	.030	35	40	.05	820	.01	3	.47	.01	.06	1	7580
029616	3	10	15	89	.9	8	7	1280	2.51	3700	5	13	10	352	.6	46	2	38	3.37	.023	28	45	1.07	494	.01	7	.51	.01	.08	1	15320
029617	3	14	25	91	1.5	15	12	1132	4.65	4642	5	16	11	96	.9	74	2	43	.57	.026	32	29	.14	670	.01	3	.38	.01	.08	1	15400
029618	4	11	50	164	.8	19	14	1517	5.20	3510	5	9	12	95	1.0	131	2	36	.18	.040	38	20	.05	1026	.01	2	.45	.01	.09	1	10250
029619	9	24	36	233	1.3	34	12	350	4.49	1612	5	ND	11	78	1.1	153	2	49	.14	.043	34	26	.04	776	.01	5	.48	.01	.13	1	1580
029620	14	12	15	20	.9	4	1	15	1.30	71	5	ND	4	126	.2	22	2	70	.10	.064	17	39	.03	1383	.01	14	.44	.01	.18	1	91
029621	24	37	15	106	1.6	34	6	45	1.75	93	5	ND	3	74	.2	19	2	126	.09	.048	9	76	.01	939	.01	6	.27	.01	.06	1	64
029622	12	50	43	358	1.5	53	10	359	4.88	726	7	ND	14	158	2.0	31	2	73	.13	.090	41	39	.03	1559	.01	6	.56	.01	.11	1	310
029623	5	36	44	243	.2	39	15	895	4.31	187	5	ND	21	194	2.3	16	2	28	2.61	.082	59	30	.27	950	.01	2	.59	.01	.13	1	58
029624	6	37	38	190	.2	34	15	826	4.27	89	5	ND	23	112	1.3	7	2	24	3.01	.105	64	25	.09	550	.01	5	.54	.01	.13	1	30
029625	7	47	39	209	.1	39	17	828	4.42	96	5	ND	23	216	2.2	10	2	25	2.45	.091	60	31	.32	1128	.01	7	.71	.01	.13	1	10
029626	4	33	38	144	.2	30	15	803	3.79	93	5	ND	21	179	1.2	18	2	26	2.38	.086	55	27	.20	966	.01	3	.73	.01	.14	1	13
029627	10	51	41	276	.2	50	18	765	4.53	133	5	ND	24	94	2.4	31	2	28	.85	.122	73	33	.07	572	.01	7	.76	.01	.17	1	16
029628	5	19	67	168	.1	22	12	602	3.29	75	5	ND	15	75	1.0	23	2	33	.81	.100	44	42	.23	600	.01	2	.94	.01	.17	1	12
029629	3	11	25	127	.2	14	11	673	3.14	53	5	ND	16	71	.4	18	2	50	1.28	.098	42	40	.40	626	.02	2	.97	.02	.18	1	9
029630	4	13	15	91	.1	9	8	515	2.89	45	5	ND	14	183	.7	5	2	60	2.18	.086	33	56	.89	640	.04	4	1.30	.03	.22	1	16
029631	3	7	14	79	.1	6	9	567	2.87	34	5	ND	14	193	.6	4	2	56	2.20	.089	36	50	.87	411	.02	2	1.22	.02	.16	1	4
029632	4	12	25	132	.1	15	11	611	3.02	98	5	ND	15	81	.5	19	2	46	1.08	.104	45	44	.25	559	.01	5	.82	.01	.15	1	17
029633	4	11	19	95	.1	10	9	546	2.85	40	5	ND	15	145	.3	10	2	46	1.87	.094	41	50	.56	525	.02	2	1.02	.02	.18	1	7
029634	4	16	15	112	.1	16	11	554	3.15	45	5	ND	14	118	.9	9	2	49	1.74	.102	40	46	.58	582	.03	2	.89	.02	.20	1	7
029635	9	26	20	144	.1	35	8	86	3.02	59	5	ND	8	84	.6	14	2	47	.23	.052	31	31	.08	840	.01	7	.52	.01	.24	1	4
029636	4	21	17	102	.1	21	14	588	3.58	41	5	ND	14	72	.4	15	2	73	.83	.099	40	57	.66	921	.06	5	1.41	.03	.33	1	3
029637	5	28	19	97	.2	22	11	622	3.10	108	5	ND	12	116	.6	18	2	41	1.80	.098	33	57	.51	392	.01	3	.81	.01	.19	1	14
029638	3	13	32	99	.1	4	8	548	2.68	19	7	ND	12	323	.2	4	2	25	3.14	.093	28	34	1.06	284	.01	2	.67	.01	.13	1	3
029639	4	13	15	85	.1	11	8	480	2.75	30	5	ND	13	157	.5	7	2	57	2.14	.086	34	62	.96	517	.04	3	1.31	.03	.22	1	6
029640	5	16	24	148	.1	17	9	560	2.64	36	5	ND	15	157	.6	18	2	27	1.81	.097	38	34	.55	327	.01	4	.84	.02	.17	1	4
029641	4	13	19	261	.1	31	9	468	2.77	74	5	ND	14	61	1.2	14	2	32	.99	.101	41	38	.41	491	.01	5	.98	.02	.16	1	7
STANDARD C/AU-R	18	59	38	132	7.5	70	34	1043	3.95	37	15	7	40	52	18.6	14	18	56	.48	.090	39	58	.88	172	.09	31	1.86	.06	.15	11	530

IOKANUE BERC 91-473

JUN-24-1991 15:38 FROM ACME ANALYTICAL TO NORANDA YT P.009/009

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-064 File # 91-1926 Page 1

1050 Davie St. - Vancouver BC V6E 1M4

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
029642	3	20	45	143	.3	14	9	592	3.63	429	5	ND	18	46	.2	19	2	64	.58	.114	65	51	.53	1368	.07	3	1.53	.01	.15	1	510
029643	4	19	35	176	.1	21	12	730	3.62	330	5	ND	20	47	.6	31	2	59	.32	.114	54	37	.04	1752	.01	4	.71	.01	.07	1	220
029644	5	15	79	276	.6	29	13	996	4.52	573	8	ND	17	106	.6	68	2	59	.07	.053	43	35	.03	1495	.01	4	.63	.01	.04	1	250
029645	4	20	95	257	.4	20	11	1073	4.28	649	5	ND	20	66	1.5	53	2	58	.24	.104	54	33	.04	889	.01	6	.77	.01	.08	1	1200
029646	4	26	81	323	.4	33	13	957	4.05	842	5	2	17	108	1.3	100	2	60	.05	.061	41	34	.03	1421	.01	3	.70	.01	.04	1	2010
029647	4	35	76	224	.3	20	13	1049	4.46	570	6	ND	20	68	.5	58	2	52	.26	.118	62	26	.04	865	.01	5	.74	.01	.07	1	120
029648	4	12	32	103	.2	15	11	1002	4.73	1114	5	2	16	76	.7	47	2	30	.21	.093	46	18	.05	947	.01	7	.68	.01	.13	1	2380
029649	3	12	28	103	.1	16	13	772	4.58	1146	5	ND	17	50	.2	28	2	31	.29	.101	56	18	.04	599	.01	6	.64	.01	.10	1	500
029650	4	10	31	132	.1	16	12	919	4.62	615	5	ND	18	58	.8	34	2	33	.24	.099	55	20	.04	705	.01	5	.69	.01	.13	1	13
029651	6	13	145	226	.2	22	11	1113	4.50	771	5	ND	14	62	.2	46	2	32	.21	.038	40	21	.04	765	.01	6	.56	.01	.09	1	340
029652	6	14	35	231	.6	23	11	1237	4.78	1933	5	4	13	77	.5	48	2	27	.18	.048	40	23	.05	899	.01	8	.74	.01	.15	1	4520
029653	5	19	36	279	.2	28	12	997	3.79	820	5	ND	12	65	1.6	28	2	29	.38	.060	37	32	.05	657	.01	5	.63	.01	.09	2	650
029654	9	14	37	837	.2	70	14	689	3.87	703	5	ND	15	96	6.0	68	2	36	.16	.090	42	31	.03	912	.01	5	.75	.01	.07	1	550
029655	11	27	32	1031	.6	91	15	856	4.31	1135	5	3	12	65	13.1	120	2	45	.10	.050	33	33	.02	680	.01	6	.74	.01	.08	2	3500
029656	13	69	75	865	1.0	105	16	850	4.22	878	5	ND	12	160	10.7	73	5	65	.14	.118	34	39	.03	1646	.01	6	1.02	.01	.08	1	2000
029657	14	33	64	410	1.6	69	12	1156	4.10	750	5	ND	8	121	4.8	59	3	56	.10	.089	30	37	.03	1489	.01	5	.59	.01	.07	1	670
029658	10	21	29	218	.2	29	12	1085	3.80	371	5	ND	15	38	1.8	23	2	27	.37	.112	45	29	.07	493	.01	5	.72	.01	.12	1	170
029659	10	33	29	256	.4	41	15	1342	4.51	632	5	ND	16	83	2.6	19	4	27	.28	.111	50	27	.04	993	.01	5	.64	.01	.12	1	140
029660	8	17	31	403	.1	55	16	1196	3.97	166	5	ND	18	73	2.5	27	2	40	.29	.120	55	34	.03	697	.01	4	.72	.01	.11	1	27
029661	6	16	30	201	.2	25	10	723	3.86	639	5	ND	16	75	1.7	14	3	17	1.26	.107	50	27	.06	545	.01	6	.60	.01	.13	1	100
029662	5	25	62	177	1.2	16	10	841	3.91	2144	5	ND	16	103	1.8	24	5	13	.82	.108	41	27	.08	569	.01	7	.49	.01	.13	1	590
029663	8	29	47	293	.5	34	13	912	4.07	886	5	ND	13	102	3.5	18	2	22	.91	.103	39	37	.09	638	.01	8	.56	.01	.13	1	220
029664	12	40	41	682	.2	67	17	2166	4.50	263	5	ND	15	125	8.2	31	2	37	.34	.110	47	40	.04	1440	.01	5	.67	.01	.10	2	36
029665	11	69	43	482	1.0	48	11	1167	2.79	416	5	ND	9	299	7.5	25	2	205	.94	.240	30	78	.08	2255	.01	11	.80	.01	.15	1	12
029666	11	126	41	244	1.7	32	3	126	.88	85	5	ND	3	652	5.3	28	2	653	.86	.495	14	149	.05	4242	.01	22	.90	.01	.19	1	34
029667	11	95	32	409	1.1	94	10	652	2.30	260	5	ND	10	302	6.6	28	4	145	1.06	.435	38	79	.05	1652	.01	9	.76	.01	.14	2	68
029668	10	24	72	347	.3	54	11	821	3.86	1181	5	ND	17	70	3.5	20	3	23	.47	.116	52	37	.05	510	.01	6	.54	.01	.15	1	320
029669	13	22	25	626	.1	85	17	1077	4.04	1316	5	ND	20	70	5.6	30	2	28	.42	.131	59	34	.05	512	.01	8	.57	.01	.14	1	450
029670	8	27	25	431	.3	75	12	831	3.64	157	5	ND	21	139	3.3	31	5	28	1.85	.132	59	29	.28	404	.01	8	.65	.01	.14	2	27
029671	8	32	31	643	.1	137	18	750	4.30	91	5	ND	28	255	3.2	20	2	21	2.38	.124	61	34	.51	304	.01	6	.69	.01	.17	1	14
029672	11	34	30	496	.1	75	14	761	4.44	127	5	ND	26	142	3.9	22	5	22	1.98	.124	66	35	.22	400	.01	9	.49	.01	.14	1	8
029673	10	36	25	374	.2	60	13	805	4.25	385	5	ND	22	219	2.0	21	3	20	2.73	.119	46	36	.30	185	.01	6	.41	.01	.13	1	97
029674	10	37	24	421	.2	60	12	768	4.23	1143	5	ND	23	315	3.9	23	3	19	2.57	.113	44	30	.50	153	.01	6	.40	.01	.14	1	350
029675	11	34	26	588	.2	70	12	840	3.81	148	5	ND	24	196	5.2	16	3	22	3.49	.105	61	34	.33	446	.01	7	.44	.01	.12	1	10
029676	19	35	57	1100	.2	117	17	1194	5.00	367	5	ND	26	124	11.7	39	2	40	1.76	.126	67	32	.13	524	.01	6	.43	.01	.12	2	23
029677	17	35	42	1072	.1	160	23	1815	4.34	267	5	ND	27	130	15.2	44	2	36	2.32	.131	71	27	.15	546	.01	7	.49	.01	.17	1	9
STANDARD C/AU-R	20	62	42	130	7.6	71	32	1083	3.98	39	21	7	39	52	17.0	15	21	54	.50	.092	39	60	.88	171	.09	32	1.91	.06	.13	11	460

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 21 1991 DATE REPORT MAILED: June 26/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ROCKAWEE
BCRC 91-474

JUN-26-1991 15:10 FROM ACME ANALYTICAL IU NUKANDA YT

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
029678	9	23	22	571	.1	64	9	681	3.21	391	5	ND	22	170	.7	33	2	24	1.88	.109	61	28	.28	333	.01	6	.39	.01	.14	1	240
029679	9	27	34	827	.1	107	13	814	3.82	168	5	ND	19	190	1.8	22	2	37	2.28	.111	53	34	.60	631	.04	4	.96	.02	.29	1	11
029680	6	17	26	611	.1	94	10	600	3.38	60	5	ND	17	119	5.9	14	2	64	1.33	.095	49	52	1.04	1216	.21	2	1.65	.04	.47	1	27
029681	4	14	14	395	.1	50	7	471	3.01	35	5	ND	17	89	2.5	10	2	64	1.11	.093	47	58	1.19	1233	.09	2	1.84	.03	.27	1	23
029682	5	15	19	283	.1	36	8	534	3.23	37	5	ND	14	127	1.5	13	2	66	1.25	.106	44	62	1.13	1480	.07	3	2.13	.03	.29	1	13
029683	6	13	20	323	.1	47	9	599	2.92	34	5	ND	14	205	1.6	12	2	43	2.22	.104	37	48	.79	397	.01	2	1.36	.02	.14	1	10
029684	18	143	22	395	1.4	74	3	520	1.21	82	6	ND	4	414	4.9	20	2	518	2.06	.713	25	187	.17	1155	.02	8	.75	.01	.21	1	1
029685	13	39	19	282	.3	69	9	1641	2.44	75	7	ND	9	271	4.1	10	2	68	2.41	.141	22	57	.72	69	.01	6	.52	.02	.18	1	1
029686	7	13	23	300	.2	38	7	776	2.71	182	5	ND	10	246	2.3	10	2	16	2.07	.084	17	37	.61	31	.01	4	.48	.01	.14	1	6
029687	7	7	19	362	.1	39	6	534	2.61	128	5	ND	11	131	2.6	8	2	11	1.09	.080	18	32	.33	33	.01	4	.51	.02	.16	1	16
029688	10	13	26	551	.2	49	6	346	2.82	139	5	ND	10	58	3.0	21	2	25	.47	.099	24	32	.13	69	.01	6	.50	.01	.16	1	6
029689	10	19	21	257	.6	30	3	216	1.31	59	6	ND	3	195	2.6	14	2	111	.35	.082	9	36	.10	63	.01	6	.38	.01	.07	1	19
029690	7	9	2	217	.2	29	2	209	.57	39	5	ND	1	157	1.6	14	2	41	.12	.014	2	8	.05	529	.01	2	.08	.01	.02	1	12
029691	4	21	42	128	.1	15	11	604	2.61	68	5	ND	21	36	.4	8	2	65	.41	.122	44	42	.11	969	.01	2	.78	.01	.08	1	50
029692	4	20	40	138	.1	16	12	1032	5.24	68	5	ND	21	59	.2	8	2	78	.26	.106	62	42	.04	969	.01	3	.72	.01	.04	1	48
029693	5	22	43	174	.1	25	16	1102	5.95	354	5	ND	22	73	.2	25	2	80	.15	.088	66	39	.03	904	.01	2	.80	.01	.03	1	17
029694	5	19	37	170	.1	19	13	1327	4.55	1443	5	3	18	88	.2	20	2	64	.34	.050	46	36	.03	1038	.01	2	.58	.01	.04	1	3260
029695	3	17	29	128	.7	13	12	1860	5.55	2603	5	8	14	69	.2	20	2	60	1.05	.020	38	32	.05	810	.01	3	.65	.01	.05	1	8300
029696	4	19	31	128	.4	14	11	1435	4.00	1482	5	6	13	76	.7	20	2	54	.26	.030	29	31	.04	766	.01	4	.53	.01	.05	1	5520
029697	5	16	69	195	.5	20	12	1178	3.78	1638	5	3	12	73	1.1	32	2	48	.60	.028	29	32	.04	727	.01	3	.55	.01	.05	1	3280
029698	4	20	45	136	.4	12	10	994	3.09	1421	5	2	12	67	.2	16	2	46	.91	.029	28	36	.05	651	.01	3	.57	.01	.05	1	2390
029699	4	20	51	158	1.1	15	10	1024	3.06	2460	5	7	13	87	1.2	17	2	30	1.06	.026	31	26	.13	649	.01	5	.46	.01	.09	1	5810
029700	5	15	36	131	.4	17	12	1527	4.21	1565	5	6	14	82	.2	19	2	57	.28	.029	31	34	.03	812	.01	4	.56	.01	.04	1	490 *
029701	9	18	44	251	.2	29	14	913	4.21	883	5	ND	17	97	.2	26	3	47	.10	.059	49	32	.04	1142	.01	4	.71	.01	.05	1	400
029702	10	26	32	260	1.0	45	13	865	4.39	1600	5	2	11	108	.2	33	2	37	.08	.051	38	22	.03	1243	.01	4	.55	.01	.07	1	3120
029703	9	15	50	256	.8	28	12	944	4.28	1484	5	ND	12	90	.5	33	2	29	.08	.050	36	19	.03	987	.01	3	.46	.01	.06	1	1760
029704	7	11	33	190	.2	24	10	827	3.74	656	5	ND	12	125	1.3	24	2	34	.09	.078	36	20	.04	1349	.01	5	.59	.01	.10	1	680
029705	11	36	29	363	.6	50	11	684	3.15	697	5	ND	9	256	2.8	53	2	114	.33	.228	30	44	.04	2628	.01	7	.75	.01	.10	1	190
029706	7	12	32	199	.3	22	10	683	3.73	660	5	ND	14	54	.5	40	3	18	.22	.091	38	23	.04	525	.01	4	.49	.01	.11	1	560
029707	7	17	32	231	.5	29	10	1186	3.69	1078	5	ND	13	74	1.4	38	2	22	.18	.074	38	24	.03	794	.01	5	.48	.01	.10	1	1660
029708	7	14	33	190	.3	25	10	1332	3.55	549	5	ND	12	71	1.2	24	4	21	.11	.059	35	26	.03	787	.01	5	.48	.01	.10	1	620
029709	10	26	31	293	.2	42	12	1079	3.83	528	5	ND	12	126	2.7	31	2	61	.16	.107	41	34	.04	1406	.01	4	.60	.01	.08	1	290
029710	23	66	13	423	1.5	89	5	714	1.95	317	5	ND	4	512	4.6	29	2	388	.31	.272	18	74	.04	4452	.01	17	.87	.01	.11	1	99
029711	20	35	23	485	1.5	85	16	625	3.54	205	5	ND	7	210	10.1	21	2	99	.11	.128	24	45	.04	2125	.01	10	.69	.01	.15	1	130
029712	16	45	17	283	1.5	55	4	1059	1.97	287	5	ND	3	358	8.1	30	2	210	.16	.145	14	57	.04	2929	.01	12	.62	.01	.14	1	97
029713	23	42	83	458	1.1	68	10	378	3.44	299	5	ND	9	162	7.5	24	2	107	.12	.128	30	45	.03	1770	.01	5	.59	.01	.09	1	140
STANDARD C/AU-R	20	62	44	132	7.6	70	32	1066	3.95	38	19	7	38	52	19.0	16	22	56	.48	.096	38	58	.88	176	.09	32	1.92	.07	.14	13	490

KOKANEE BERG 91-475

KOKANEE BERG 91-475

* Subject to Reassay check

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ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-064 FILE # 91-1926

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
029714 KOKANEE BORE 91-1475	21	53	31	634	.8	59	9	919	3.47	130	5	ND	10	141	1.7	16	2	118	.25	.128	35	43	.03	1457	.01	5	.55	.01	.11	1	25
029715	16	98	23	472	.7	51	8	481	2.62	126	5	ND	7	373	7.9	17	2	253	1.12	.520	29	66	.09	2259	.01	8	.90	.01	.16	1	30
029716	4	22	62	217	.1	25	15	1036	3.63	215	5	ND	20	126	.9	17	2	58	.08	.063	52	32	.03	1619	.01	3	.65	.01	.06	1	53
029717	6	22	52	277	.2	34	15	1061	3.36	282	5	ND	19	93	1.6	24	2	60	.25	.095	53	35	.04	1255	.01	3	.62	.01	.06	1	110
029718	5	20	42	214	.1	21	12	1087	3.83	235	5	ND	21	46	.7	27	2	68	.31	.113	63	39	.03	823	.01	2	.63	.01	.06	1	45
029719	4	22	51	218	.2	19	13	1051	4.40	225	5	ND	21	94	1.0	21	2	61	.16	.069	56	30	.04	1260	.01	2	.60	.01	.04	1	64
029720	4	22	44	186	.1	20	12	733	3.49	120	5	ND	21	126	.3	14	2	58	.11	.072	53	28	.04	1592	.01	4	.79	.01	.04	1	92
029721	3	17	31	120	.4	16	11	1467	3.90	552	5	ND	17	134	1.2	14	2	43	4.35	.048	45	33	.17	1992	.01	2	.76	.01	.08	1	330
029722	5	19	77	260	.3	17	11	1119	3.54	335	5	ND	19	135	1.8	33	2	51	2.33	.062	50	43	.08	1451	.01	4	1.04	.01	.07	1	100
029723	5	20	41	209	.4	21	10	1123	3.70	331	5	ND	17	167	1.3	35	2	73	2.50	.066	40	35	.09	1503	.01	5	.96	.01	.07	1	340
029724	4	20	45	190	.3	21	11	1061	3.60	380	5	ND	17	114	1.6	44	2	42	2.08	.056	43	28	.07	1247	.01	4	.71	.01	.09	1	120
029725	13	53	27	144	1.2	79	6	685	2.34	234	5	ND	6	277	1.1	37	2	142	1.18	.203	19	74	.06	2288	.01	9	.74	.01	.20	1	67
029726	8	13	80	70	1.2	21	2	69	1.73	97	6	ND	9	114	.2	27	2	41	.12	.037	30	25	.04	289	.01	9	.46	.01	.26	1	25
029727	7	17	59	322	.4	24	10	848	3.80	97	5	ND	13	60	2.1	40	2	19	.30	.105	48	27	.06	719	.01	11	.64	.01	.24	1	31
029728 KOKANEE BORE 91-1476	8	12	67	205	.3	37	12	1187	3.64	200	5	ND	15	112	1.5	84	2	16	.52	.083	53	23	.06	1091	.01	7	.71	.01	.17	1	12
029729	6	13	38	128	.1	13	9	1001	3.58	127	5	ND	13	89	.9	28	2	11	2.77	.082	41	32	.09	706	.01	7	.63	.01	.18	1	39
029730	8	21	34	200	.3	33	9	450	3.37	72	5	ND	11	74	.6	26	3	23	.57	.058	34	24	.09	1147	.01	9	.64	.01	.23	1	16
029731	16	42	70	459	.4	101	25	1175	5.43	262	5	ND	24	167	1.2	23	2	41	.14	.102	68	37	.05	1559	.01	8	.74	.01	.21	1	69
029732	13	38	34	398	.6	49	7	181	4.89	472	5	ND	11	124	1.1	20	2	41	.12	.076	35	31	.05	374	.01	10	.63	.01	.27	1	32
029733	10	33	34	431	.4	41	8	369	3.52	195	5	ND	12	91	3.6	13	2	38	.22	.100	38	30	.04	911	.01	8	.64	.01	.23	1	19
029734	19	33	64	122	.9	24	2	39	2.84	86	5	ND	5	262	.2	12	2	149	.11	.116	17	82	.04	269	.01	14	.67	.01	.24	1	9
029735	15	33	85	281	1.2	74	8	742	3.62	596	5	ND	7	395	4.2	28	2	114	.41	.214	22	67	.12	495	.01	7	.77	.01	.13	1	290
029736	11	35	44	385	.5	63	12	409	3.65	700	5	ND	12	101	2.5	17	2	27	.33	.045	29	38	.09	846	.01	6	.86	.01	.12	1	240
029737	11	36	11	98	.5	15	2	40	2.27	114	5	ND	5	153	.6	7	2	89	.12	.052	19	40	.04	338	.01	13	.51	.01	.18	1	150
029738	6	41	24	205	.2	49	12	450	2.81	87	5	ND	10	197	1.8	7	2	79	.36	.064	34	43	.11	740	.01	11	.72	.01	.19	1	25
029739	11	35	20	280	.1	78	17	710	4.15	54	5	ND	16	86	2.1	8	2	39	.85	.114	45	41	.09	324	.01	6	.85	.01	.17	1	13
029740	11	26	19	199	.1	35	11	590	3.58	269	5	ND	16	202	2.1	9	2	27	2.21	.093	37	36	.44	511	.01	4	.64	.01	.16	1	46
029741	5	16	11	126	.1	20	10	680	3.20	37	5	ND	16	237	1.1	4	2	46	3.05	.097	40	52	.89	995	.01	3	1.39	.02	.22	1	7
029742	5	14	11	88	.1	12	8	614	3.07	22	5	ND	15	264	.7	4	2	52	2.81	.082	38	63	1.10	532	.06	4	1.39	.04	.28	1	13
029743 KOKANEE BORE 91-1477	3	23	41	139	.3	27	11	766	3.69	370	5	ND	16	71	1.8	75	2	66	.66	.087	48	52	.95	2765	.05	3	2.20	.01	.25	1	350
029744	2	18	28	133	.1	29	12	989	3.65	304	5	ND	17	56	.7	21	2	63	.38	.086	45	43	.43	1965	.04	2	1.47	.01	.18	1	58
029745	3	16	32	223	.5	21	10	816	4.41	1853	5	ND	15	58	.2	17	2	46	.12	.040	35	33	.04	708	.01	4	.63	.01	.07	1	1540
029746	3	14	28	226	.4	8	6	311	3.03	1442	5	ND	13	56	.5	13	2	35	.08	.028	33	30	.03	562	.01	7	.55	.01	.10	1	1770
029747	3	15	30	429	.2	17	9	161	4.11	1853	5	ND	14	59	.5	11	2	46	.06	.035	35	32	.02	596	.01	5	.67	.01	.10	1	1030
029748	4	13	25	189	1.3	7	3	70	2.62	3131	5	5	14	69	.2	23	2	38	.07	.039	31	33	.02	647	.01	6	.70	.01	.14	1	4590
029749	7	16	22	78	2.0	9	1	32	1.74	3536	5	4	9	96	1.0	109	2	58	.06	.064	27	34	.02	1241	.01	6	.50	.01	.14	1	5980
STANDARD C/AU-R	19	62	40	137	7.4	71	31	1076	4.02	38	18	7	38	52	17.0	15	22	56	.49	.091	39	60	.88	180	.09	31	1.96	.07	.15	11	460

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KOKANEE BCRC 91-477

KOKANEE BCRC 91-478

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
029750	15	55	22	27	2.5	21	1	16	1.52	674	5	ND	5	153	1.2	25	2	300	.35	.107	24	111	.04	580	.01	10	.59	.01	.19	1	160
029751	9	15	34	23	.4	7	2	13	1.67	540	5	ND	11	45	.9	14	2	77	.07	.149	33	38	.05	376	.01	9	.63	.01	.28	1	110
029752	14	18	32	93	1.3	19	4	22	2.61	427	5	ND	9	70	.7	18	3	44	.07	.085	33	27	.04	118	.01	13	.62	.01	.35	1	120
029753	13	48	20	562	.6	83	20	170	5.23	114	7	ND	10	47	.2	11	4	29	.08	.047	26	20	.05	1467	.01	13	.57	.01	.22	1	100
029754	12	82	21	946	.5	136	31	951	5.18	216	5	ND	17	118	8.4	15	2	125	.27	.208	58	94	.08	761	.01	6	1.12	.01	.18	1	62
029755	6	55	36	417	1.2	71	10	552	2.69	166	5	ND	8	145	9.7	10	2	45	.34	.192	28	54	.08	637	.01	8	.66	.01	.20	1	78
029756	3	17	18	66	.6	7	2	45	1.21	44	5	ND	6	71	1.6	3	2	17	.05	.042	21	38	.06	545	.01	8	.45	.01	.20	1	39
029757	2	21	15	67	.4	12	2	53	1.33	57	5	ND	7	67	1.2	5	2	20	.08	.040	23	34	.08	503	.01	7	.67	.01	.22	1	57
029758	3	54	19	76	.7	15	2	30	1.19	36	5	ND	7	46	1.0	4	4	23	.04	.035	18	42	.05	571	.01	9	.43	.01	.15	1	30
029759	8	40	30	146	3.0	27	5	73	1.75	1628	5	13	10	113	7.4	217	3	45	.07	.069	33	70	.03	1641	.01	8	.57	.01	.10	1	12800
029760	10	43	27	558	1.1	101	13	109	3.39	625	5	ND	11	175	4.6	25	3	81	.10	.099	35	34	.05	1925	.01	5	.79	.01	.20	1	1070
029761	10	47	20	616	.1	125	24	153	4.51	146	5	ND	11	46	4.2	10	2	30	.10	.063	36	23	.08	1380	.01	12	.75	.01	.30	1	220
029762	9	50	26	562	.1	99	24	125	5.21	80	5	ND	12	49	5.2	7	2	27	.10	.068	36	22	.08	1527	.01	12	.67	.01	.28	1	43
029763	15	71	40	568	.1	104	19	85	4.76	166	5	ND	10	48	6.1	18	2	79	.09	.059	35	30	.07	1064	.01	12	.91	.01	.27	1	86
029764	13	120	10	121	2.8	22	3	41	1.26	120	5	ND	3	600	12.2	13	2	695	1.74	.078	16	91	.06	2460	.01	24	1.04	.01	.25	1	37
029765	15	143	22	697	1.4	142	12	101	2.93	573	6	ND	11	283	20.6	24	3	558	.70	.456	41	85	.08	1385	.01	10	1.58	.01	.19	1	89
029766	8	79	17	1314	.3	217	32	551	4.06	156	5	ND	16	84	22.9	13	2	110	.35	.205	53	85	.23	733	.01	4	1.02	.01	.19	1	33
029767	4	66	47	491	.4	82	8	65	2.87	59	5	ND	8	37	10.5	6	3	29	.05	.063	22	33	.06	492	.01	3	.68	.01	.17	1	30
029768	2	66	18	286	.1	60	9	403	2.68	25	5	ND	8	37	8.7	2	2	24	.05	.041	24	37	.27	742	.01	14	.75	.01	.25	1	19
029769	4	63	21	227	.4	49	10	148	2.59	27	5	ND	12	62	3.4	2	2	41	.08	.039	32	49	.86	508	.01	9	1.21	.01	.37	1	18
029770	4	58	26	294	.9	40	8	131	2.61	62	5	ND	16	106	3.9	11	2	64	.17	.064	42	62	.99	470	.02	3	1.82	.01	.37	1	20
029771	3	50	25	366	.5	33	6	190	3.61	572	5	ND	17	87	4.1	6	2	77	.28	.100	42	59	1.22	496	.03	2	2.19	.02	.25	1	30
029772	3	41	23	429	.4	28	8	239	4.10	516	6	ND	19	89	3.6	7	2	85	.31	.107	58	60	1.33	1069	.05	2	2.20	.02	.27	1	49
029773	3	47	21	267	.3	31	10	170	2.53	49	5	ND	10	42	3.4	8	2	59	.11	.060	30	67	1.17	715	.01	2	1.67	.01	.32	1	17
029774	2	53	7	298	.2	56	11	196	2.34	23	5	ND	9	32	1.6	2	2	24	.05	.026	24	47	.45	593	.01	10	.97	.01	.32	1	15
029775	2	57	8	482	.1	102	26	531	2.61	12	5	ND	8	27	2.2	2	2	19	.07	.029	24	34	.27	483	.01	11	.70	.01	.26	1	12
029776	2	44	4	293	.1	41	7	131	2.18	13	5	ND	10	27	.6	2	2	13	.03	.033	26	33	.10	971	.01	14	.54	.01	.27	1	14
029777	3	58	11	289	.2	27	6	60	1.50	46	5	ND	9	57	1.3	2	2	14	.03	.042	16	35	.06	777	.01	9	.52	.01	.16	1	16
STANDARD C/AU-R	19	64	42	132	6.8	70	32	1057	3.94	38	24	6	39	53	18.4	16	18	57	.47	.089	40	58	.89	173	.09	34	1.89	.07	.15	11	480

ACME ANALYTICAL LABORATORIES LTD. [illegible]

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-073 330 File # 91-1993 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
029778	2	19	39	109	.6	23	12	1076	4.52	63	5	ND	13	41	.3	15	2	53	.48	.109	47	36	.50	762	.02	4	1.67	.02	.21	1	17
029779	5	26	49	151	.6	29	14	961	3.98	61	5	ND	14	43	.3	17	2	62	.51	.116	44	54	.46	1194	.08	4	1.38	.02	.41	1	10
029780	2	14	39	150	.3	16	10	838	3.32	52	5	ND	16	28	.3	15	4	47	.40	.101	43	48	.47	495	.03	3	1.26	.02	.23	1	4
029781	4	23	18	149	.2	23	12	1047	3.60	184	5	ND	16	32	.4	14	2	44	.70	.106	53	48	.06	405	.01	3	.64	.01	.13	1	9
029782	5	18	18	111	.3	26	13	802	3.83	255	5	ND	16	39	.2	16	2	44	.43	.110	55	51	.04	468	.01	4	.57	.01	.12	1	7
029783	4	18	21	142	.2	24	13	582	3.39	280	5	ND	19	54	.9	27	2	58	1.12	.109	50	46	.05	634	.01	3	.63	.01	.09	1	12
029784	4	17	20	130	.2	24	12	662	3.66	248	5	ND	19	40	.2	26	3	60	.87	.114	52	53	.04	453	.01	5	.63	.01	.12	1	3
029785	4	14	30	148	.1	22	12	740	3.48	119	5	ND	20	53	.2	23	2	62	.84	.120	62	43	.04	1127	.01	3	.62	.01	.07	1	6
029786	4	17	23	135	.1	23	12	1211	3.86	158	5	ND	19	45	.2	21	2	65	.84	.116	69	46	.08	598	.01	2	.71	.01	.10	1	12
029787	2	17	17	101	.1	17	9	580	3.24	44	5	ND	18	49	.3	10	2	70	.73	.100	48	55	.66	687	.13	2	1.35	.03	.24	1	10
029788	2	17	17	111	.1	22	11	763	3.27	43	5	ND	21	47	.2	9	2	75	.67	.109	43	56	.47	583	.08	2	1.15	.03	.25	1	8
029789	3	16	12	100	.1	19	10	584	3.29	44	5	ND	18	67	.2	8	2	75	1.00	.100	41	59	.91	777	.16	3	1.48	.03	.21	1	14
029790	5	18	29	161	.1	27	11	614	3.65	285	5	ND	20	26	.2	15	2	62	.40	.113	55	43	.07	263	.01	2	.59	.01	.07	1	9
029791	8	18	28	243	.3	39	11	486	4.35	718	5	ND	16	56	.2	30	2	58	.13	.053	40	51	.03	629	.01	4	.60	.01	.04	1	80
029792	8	12	25	230	.2	36	12	680	4.70	723	5	ND	15	58	.2	26	2	57	.11	.044	39	56	.06	700	.01	4	.55	.01	.05	1	120
029793	7	12	33	273	.1	43	11	544	4.58	465	5	ND	18	61	.6	35	2	63	.20	.086	49	48	.04	717	.01	4	.65	.01	.03	1	58
029794	8	21	32	264	.1	56	15	601	4.61	474	5	ND	22	50	.5	42	2	69	.30	.119	60	46	.03	560	.01	2	.74	.01	.03	1	37
029795	10	17	43	272	.1	61	15	705	4.61	511	5	ND	19	84	.3	52	2	66	.16	.086	39	47	.03	944	.01	4	.66	.01	.03	1	37
029796	7	16	37	213	.1	36	14	1119	4.90	770	5	ND	17	65	.2	34	2	56	.20	.077	50	45	.03	852	.01	5	.54	.01	.06	1	340
029797	9	18	32	371	.1	53	16	1528	4.72	1061	5	ND	16	69	.3	57	2	53	.14	.059	44	42	.03	924	.01	3	.60	.01	.03	1	150
029798	6	19	45	261	.2	31	12	949	4.72	473	9	ND	21	75	.4	54	2	65	.55	.092	58	45	.18	688	.01	2	.76	.01	.05	1	36
029799	7	24	35	804	.3	71	15	601	3.90	1445	5	ND	16	94	7.8	53	2	54	.33	.052	36	40	.05	595	.01	4	.76	.01	.07	1	330
029800	12	29	70	971	.1	89	17	616	3.85	1118	5	ND	16	69	7.9	22	2	79	.07	.059	33	52	.03	633	.01	4	.75	.01	.04	1	140
029801	7	17	49	744	.2	58	16	1137	3.84	981	5	ND	15	57	1.9	12	2	47	.12	.032	34	39	.03	608	.01	5	.53	.01	.06	1	310
029802	6	14	49	277	1.5	31	10	988	3.18	2129	5	4	13	71	.7	22	2	40	.47	.033	31	44	.07	701	.01	5	.50	.01	.09	1	2790
029803	7	22	37	220	1.5	36	10	508	2.78	1496	5	ND	12	86	1.8	24	2	51	.40	.047	29	35	.11	1209	.01	3	.88	.01	.11	1	2820
029804	13	32	22	191	1.7	66	15	612	3.92	413	5	ND	8	118	1.4	23	2	35	1.18	.050	30	25	.58	1549	.01	6	1.05	.01	.21	1	440
029805	12	35	24	307	1.3	59	12	527	3.21	151	5	ND	8	142	3.1	17	2	47	1.41	.121	24	24	.46	572	.01	7	.90	.01	.22	1	92
029806	13	38	30	538	1.7	75	9	216	2.22	517	5	ND	8	156	5.3	15	2	99	.50	.173	24	42	.14	1357	.01	7	.96	.01	.16	1	310
029807	13	44	37	546	1.4	77	10	281	2.67	657	5	ND	10	155	5.5	20	2	92	.53	.181	28	46	.15	1074	.01	8	1.19	.01	.19	1	520
029808	5	19	16	106	.4	18	10	942	3.05	561	5	ND	19	36	.2	1216	2	51	.47	.118	58	39	.17	458	.01	5	.90	.01	.17	1	210
029809	6	32	32	109	5.3	16	7	1085	2.95	764	5	2	14	52	.6	4294	3	37	.30	.074	38	65	.25	800	.02	5	.80	.01	.16	1	1960
029810	4	19	27	78	1.6	13	8	693	2.89	482	5	2	17	58	.2	1086	2	37	1.06	.081	43	37	.06	454	.01	4	.54	.01	.09	1	630
029811	4	22	19	89	.1	14	10	667	3.51	168	5	ND	19	87	.6	172	2	65	1.04	.078	49	46	.28	856	.06	2	1.03	.02	.24	2	45
029812	3	14	25	88	.1	10	9	691	2.90	354	5	ND	19	67	.4	74	3	53	1.82	.099	50	32	.10	538	.01	3	.72	.01	.10	1	450
029813	5	18	32	106	.2	17	11	727	3.20	484	5	ND	22	89	.3	176	2	53	.42	.106	53	33	.03	989	.01	3	.60	.01	.08	1	290
STANDARD C/AU-R	19	62	38	133	7.4	71	34	1068	3.99	38	17	7	41	53	18.6	15	22	54	.48	.091	40	59	.89	178	.09	32	1.95	.07	.15	11	470

KOKANEE BCRC 91-479

KOKANEE BCRC 91-480

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 25 1991 **DATE REPORT MAILED:** June 27/91 **SIGNED BY:** C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
029814	5	14	35	126	.2	18	11	825	3.42	397	5	ND	19	73	.6	224	2	61	.35	.075	40	35	.03	892	.01	2	.58	.01	.07	1	50
029815	4	15	41	120	.1	17	10	606	3.21	316	5	ND	15	67	.6	119	2	60	.79	.036	33	37	.04	878	.01	3	.45	.01	.02	1	220
029816	7	17	29	120	.1	23	10	1084	3.29	420	5	ND	14	84	.8	155	2	65	.10	.047	29	41	.02	1102	.01	2	.49	.01	.03	1	37
029817	8	31	40	97	2.4	27	9	856	2.22	632	5	3	7	45	.9	679	2	45	.10	.034	17	65	.02	1454	.01	2	.33	.01	.05	1	4150
029818	7	30	39	75	5.3	18	8	1043	2.50	599	5	ND	12	39	.8	1139	2	39	.22	.071	37	60	.03	831	.01	3	.45	.01	.06	1	2250
029819	5	18	21	111	.2	24	10	685	3.23	283	5	ND	16	28	1.0	137	2	67	.31	.106	53	47	.03	367	.01	2	.54	.01	.07	1	82
029820	4	23	28	132	.1	22	10	657	2.71	175	5	ND	20	29	1.1	64	2	70	.44	.121	56	44	.07	304	.01	2	.69	.01	.07	1	32
029821	4	18	25	137	.1	23	11	812	3.07	192	5	ND	21	30	1.3	46	2	79	.59	.119	66	43	.05	308	.01	2	.68	.01	.07	1	42
029822	4	18	26	131	.1	21	11	617	2.41	168	5	ND	21	31	.9	46	2	70	.48	.130	60	42	.08	315	.01	2	.70	.01	.05	1	16
029823	4	20	26	135	.1	22	11	690	3.83	253	5	ND	21	44	1.3	60	2	83	.47	.116	54	40	.31	1220	.03	2	1.27	.01	.15	1	36
029824	4	19	28	134	.1	21	11	676	3.39	199	5	ND	19	64	1.2	40	2	74	.46	.109	53	43	.47	2032	.08	2	1.53	.01	.20	1	25
029825	6	21	31	126	1.0	24	12	838	3.23	1256	8	3	18	64	1.4	67	2	74	.23	.077	48	41	.05	911	.01	3	.58	.01	.06	1	4550
029826	6	15	33	226	.3	47	12	908	3.45	619	5	ND	16	58	3.5	62	2	86	.18	.068	40	46	.04	1063	.01	3	.60	.01	.05	1	1300
029827	7	20	31	170	.1	30	11	937	3.86	454	5	ND	18	64	1.9	65	2	81	.24	.093	45	46	.04	914	.01	2	.61	.01	.04	1	220
029828	6	23	31	174	.3	30	12	917	3.77	544	5	ND	19	40	2.2	72	2	85	.34	.112	52	39	.04	590	.01	3	.56	.01	.06	1	470
029829	5	17	25	106	.1	16	10	572	3.09	156	5	ND	19	50	.7	26	3	65	.96	.099	50	41	.09	582	.01	2	.68	.01	.06	1	170
029830	5	19	37	153	.6	24	11	785	3.65	460	11	ND	16	58	1.0	32	2	61	.19	.044	37	39	.04	764	.01	2	.53	.01	.07	1	100
029831	6	18	50	139	.1	14	10	682	3.41	480	5	ND	17	67	.8	12	2	58	.25	.088	44	36	.04	742	.01	2	.65	.01	.06	1	200
029832	6	17	26	101	.1	17	10	783	3.58	517	5	ND	15	58	.4	11	3	57	.85	.035	34	44	.06	609	.01	3	.57	.01	.05	1	83
029833	4	15	26	98	.1	14	9	645	3.28	763	5	ND	14	76	.3	15	2	47	1.21	.032	33	44	.27	546	.01	4	.56	.01	.06	1	330
029834	4	19	29	147	1.5	18	10	696	3.17	4481	5	5	15	80	.8	35	2	41	.84	.039	36	40	.18	396	.01	2	.55	.01	.07	1	6500
029835	17	45	25	196	2.5	45	3	128	1.84	1594	5	ND	5	187	3.0	23	2	143	.30	.141	18	69	.06	1320	.01	5	.64	.01	.09	1	2110
029836	11	99	24	370	4.5	84	12	683	3.20	1359	5	ND	9	519	6.9	21	2	204	3.89	.425	26	94	.98	250	.01	7	.80	.01	.11	1	1110
029837	9	61	31	581	1.2	99	17	1241	3.28	779	5	ND	12	312	9.4	13	2	149	3.69	.236	34	72	1.02	1140	.01	4	.80	.01	.10	1	570
029838	5	44	20	459	.4	68	10	390	2.17	162	5	ND	6	47	5.7	16	2	21	.13	.044	17	40	.09	672	.01	4	.55	.01	.10	1	22
029839	8	63	26	467	1.0	47	12	235	2.68	74	5	ND	9	43	3.8	11	5	20	.11	.031	26	50	.10	544	.01	3	.60	.01	.13	1	17
029840	8	53	27	202	.8	32	8	117	1.81	56	5	ND	8	32	1.5	11	2	13	.08	.028	20	34	.07	332	.01	3	.49	.01	.12	1	10
029841	6	59	21	137	.8	43	11	151	2.24	53	5	ND	9	99	1.0	8	2	31	.66	.076	25	62	.43	122	.01	4	.85	.01	.21	1	18
029842	4	34	44	163	1.5	19	9	501	3.87	2860	5	4	7	73	.4	8785	2	33	.05	.030	34	30	.04	617	.01	7	.58	.01	.15	1	5070
029843	3	37	23	210	1.3	28	13	1654	4.24	3385	5	6	11	99	1.3	1763	2	48	.43	.036	35	30	.09	672	.01	5	.74	.01	.12	1	7650
029844	5	13	15	126	1.5	23	8	1488	2.62	2367	5	ND	7	130	1.3	749	2	51	1.11	.034	23	38	.26	800	.01	5	.48	.01	.15	1	6340
029845	6	26	45	146	1.3	19	9	501	2.79	1820	5	ND	13	105	.6	203	5	35	.06	.042	32	48	.03	866	.01	4	.44	.01	.12	1	4020
029846	3	34	34	139	.6	35	19	1553	3.74	423	7	ND	17	165	.3	119	2	28	1.18	.055	36	43	.27	1095	.01	3	.55	.01	.12	1	280
029847	3	21	95	141	.3	28	14	1268	3.72	1753	5	ND	14	131	.5	125	2	12	.17	.063	36	29	.05	1217	.01	5	.59	.01	.14	1	610
029848	3	25	39	131	.1	31	13	835	3.83	136	5	ND	13	88	.4	82	2	35	.94	.065	32	37	.20	643	.01	6	.61	.01	.16	1	26
029849	3	14	28	101	.1	16	10	803	3.38	56	5	ND	15	47	.2	45	2	41	.81	.092	33	35	.22	178	.01	3	.53	.01	.09	1	14
STANDARD C/AU-R	17	61	38	132	7.3	71	32	1047	3.98	39	23	7	39	52	18.8	15	22	56	.48	.090	39	57	.88	178	.09	34	1.93	.06	.15	11	520

KOKANEE BCRC 91-480

KOKANEE BCRC 91-481

KOKANEE BCRC 91-4981

KOKANEE BCRC 91-5182

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
029850	3	11	69	129	.3	17	12	759	3.23	82	5	ND	14	89	.5	49	2	47	1.22	.102	31	45	.43	214	.01	2	.69	.01	.11	1	40
029851	8	22	40	312	.6	28	9	1001	3.33	273	6	ND	13	170	2.2	21	3	63	1.00	.078	33	42	.40	753	.01	2	.60	.01	.06	1	28
029852	5	12	21	155	.1	19	9	950	2.57	59	5	ND	20	90	1.4	19	2	55	1.08	.104	58	37	.25	714	.01	2	.73	.01	.07	1	16
029853	3	9	21	160	.1	17	10	661	3.94	80	5	ND	17	84	.8	35	2	78	1.72	.100	49	53	1.22	1115	.09	2	2.28	.02	.25	1	7
029854	4	18	8	53	.1	20	8	415	2.24	9	5	ND	4	70	.2	3	2	39	.96	.056	13	64	.66	260	.12	2	1.44	.07	.12	1	8
029855	4	12	50	174	.2	19	10	914	4.45	252	5	ND	16	89	.3	20	2	60	.36	.052	41	44	.23	673	.01	2	.57	.01	.03	1	81
029856	4	11	40	147	.3	16	9	873	4.02	919	5	ND	13	94	.6	23	2	51	.12	.033	26	46	.09	634	.01	2	.52	.01	.02	2	830
029857	4	17	37	169	.2	21	10	591	3.26	314	5	ND	19	98	.6	14	2	66	.71	.081	42	51	.58	1491	.12	2	1.30	.02	.24	1	270
029858	3	11	27	111	.1	16	8	541	3.10	52	5	ND	19	100	.4	13	2	76	1.45	.101	44	55	1.03	1429	.24	2	1.77	.05	.27	4	31
029859	3	17	29	116	.1	17	8	564	3.19	26	5	ND	18	95	.6	11	2	85	1.49	.105	44	63	1.24	1042	.24	2	1.82	.05	.26	2	12
029860	3	11	23	112	.3	16	8	753	3.19	121	7	ND	19	134	.4	11	2	73	2.14	.085	45	58	1.11	953	.16	2	1.38	.04	.32	3	41
029861	2	14	41	162	.2	20	10	712	3.12	265	5	ND	21	98	.8	18	2	58	1.68	.101	53	35	.75	613	.05	2	1.06	.01	.21	1	120
029862	4	12	41	174	.2	21	11	694	3.06	115	5	ND	22	132	.7	12	2	62	1.39	.065	45	46	.50	1248	.01	2	.69	.01	.06	1	24
029863	4	16	28	145	.1	20	10	716	2.85	48	5	ND	20	115	.5	12	2	63	1.69	.064	43	45	.47	1038	.01	2	.62	.01	.01	1	8
029864	6	17	85	231	.9	30	13	1006	3.69	292	5	ND	18	111	.8	73	2	52	1.28	.076	39	54	.41	482	.01	2	.71	.01	.06	1	87
029865	5	20	49	177	.1	27	13	889	2.75	89	8	ND	22	55	.5	81	2	64	.67	.113	69	52	.20	813	.01	2	.76	.01	.08	1	39
029866	3	14	26	112	.3	15	9	516	3.06	48	9	ND	20	104	.6	55	2	68	1.43	.095	47	56	.85	1522	.15	2	1.85	.02	.20	1	37
029867	4	16	31	171	.3	30	13	876	4.10	1774	5	2	14	128	.8	703	2	21	.11	.057	47	33	.06	1586	.01	6	.61	.01	.15	1	380
029868	3	19	33	217	.2	29	15	1119	4.21	1556	5	ND	16	106	1.0	490	2	24	.10	.051	49	28	.05	1508	.01	4	.65	.01	.12	1	340
029869	3	13	28	218	.2	27	15	1173	3.81	890	5	ND	16	103	1.0	254	2	21	1.39	.077	40	26	.07	1580	.01	5	.56	.01	.15	1	270
029870	4	13	24	132	.4	27	11	994	3.54	1181	5	ND	12	270	.9	283	2	23	2.16	.095	30	25	.40	166	.01	6	.52	.01	.16	1	420
029871	3	23	23	177	.6	30	13	825	4.04	1268	5	ND	15	128	1.2	253	2	23	.68	.097	42	20	.19	618	.01	6	.65	.01	.22	1	840
029872	4	27	57	282	.9	35	13	945	4.13	2535	5	3	14	174	1.0	4875	2	24	.23	.068	42	19	.06	1324	.01	6	.61	.01	.15	1	2180
029873	3	23	50	149	.7	17	7	339	3.07	1142	5	3	15	145	1.1	1414	2	24	.10	.042	39	19	.04	978	.01	4	.53	.01	.13	1	1650
029874	2	10	54	97	.8	11	7	648	3.03	927	5	2	13	122	1.0	1349	2	19	.10	.032	37	15	.03	777	.01	5	.47	.01	.11	1	1180
029875	3	14	36	237	.2	30	15	1312	5.17	1351	5	ND	13	122	1.2	1422	2	14	.09	.042	43	15	.05	1025	.01	7	.76	.01	.14	1	320
029876	3	29	34	180	.4	33	19	1125	5.12	1978	5	2	20	131	1.4	517	2	21	.10	.037	50	27	.05	924	.01	4	.57	.01	.12	1	460
029877	4	47	48	156	.4	38	20	1340	4.88	983	5	ND	20	111	.7	535	2	34	.08	.032	42	44	.04	729	.01	2	.52	.01	.09	1	160
029878	5	30	78	253	.7	31	13	1468	4.06	948	5	ND	10	183	2.6	229	2	34	1.02	.050	19	30	.37	59	.01	2	.53	.01	.10	1	150
029879	3	29	43	135	.8	33	13	1187	3.70	2091	5	2	12	348	1.6	168	3	21	2.94	.029	18	29	.97	116	.01	2	.39	.01	.08	1	780
029880	3	38	116	380	1.1	35	15	1244	3.92	3410	5	3	18	242	3.1	392	2	31	.88	.030	27	44	.28	641	.01	2	.44	.01	.09	2	1570
029881	3	34	46	152	.9	32	13	1347	3.95	2700	5	2	19	302	1.4	796	2	29	2.04	.030	25	37	.72	502	.01	2	.38	.01	.09	1	1280
029882	3	31	54	179	.8	28	12	1301	3.63	1515	5	2	16	319	1.4	177	2	27	2.38	.042	20	33	.90	287	.01	2	.37	.01	.08	1	830
029883	3	24	46	137	.5	22	11	1073	3.32	1502	5	2	13	255	1.0	214	3	26	2.49	.048	20	38	.89	192	.01	2	.54	.01	.09	1	790
029884	5	22	66	161	.7	21	11	842	3.27	829	5	2	15	204	1.3	273	2	41	1.58	.051	30	55	.64	259	.01	2	1.21	.01	.11	1	450
029885	2	19	26	113	.3	14	9	695	3.63	177	5	ND	18	131	1.2	77	7	69	2.59	.091	42	46	1.07	586	.07	2	2.44	.01	.22	1	74
STANDARD C/AU-R	19	62	43	138	7.2	72	32	1070	4.00	37	21	8	40	53	18.8	14	22	56	.49	.091	40	59	.91	175	.09	31	1.94	.07	.16	11	480

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
KOKANEE BCRC 91-482																															
029886	18	39	18	485	.7	44	6	343	1.94	128	5	ND	9	152	9.3	45	2	251	1.68	.240	26	84	.46	322	.01	6	.93	.01	.10	1	30
029887	42	52	13	954	1.1	81	4	121	1.03	105	5	ND	2	191	17.6	31	2	364	.76	.260	9	124	.14	81	.01	12	.60	.01	.11	1	10
029888	30	43	25	551	.8	71	9	479	2.72	90	5	ND	10	331	9.4	37	2	129	2.05	.105	26	55	.74	42	.01	7	.62	.01	.15	1	19
029889	6	27	36	178	.2	28	11	775	3.07	107	5	ND	21	483	2.1	59	2	41	3.30	.092	48	50	1.23	878	.01	5	.76	.01	.11	1	41
029890	4	36	30	149	.4	27	11	786	3.38	135	5	ND	22	527	1.6	107	2	36	3.47	.089	44	41	1.27	567	.01	4	.59	.01	.12	1	74
029891	2	27	24	136	.2	28	11	730	3.25	108	5	ND	23	467	1.0	85	3	30	3.28	.095	46	40	1.24	353	.01	2	.61	.01	.13	1	41
029892	4	24	28	285	.5	28	14	255	3.98	410	5	ND	15	85	.2	325	2	41	.09	.056	29	46	.09	1143	.01	3	.87	.01	.12	1	62
029893	3	22	28	253	.1	22	13	217	3.77	259	5	ND	10	93	.2	153	2	36	.04	.039	25	46	.02	792	.01	3	.75	.01	.09	1	40
029894	2	21	40	309	.3	41	29	1555	3.79	895	5	ND	11	130	.7	51	2	19	.05	.050	34	28	.03	1105	.01	4	.73	.01	.11	1	110
029895	13	35	43	435	.6	77	27	2231	3.28	686	6	ND	12	93	3.2	45	2	94	.14	.092	36	44	.10	1079	.01	3	.89	.01	.13	1	140
KOKANEE BCRC 91-483																															
029896	6	27	26	255	.2	34	5	355	3.38	102	5	ND	13	66	1.0	37	2	59	.38	.127	31	48	.88	1993	.02	2	2.42	.01	.17	1	23
029897	5	16	19	348	.1	57	11	997	3.40	95	5	ND	14	69	4.3	38	2	57	.64	.072	32	45	.65	1589	.01	2	1.46	.01	.09	1	12
029898	4	19	21	152	.1	19	10	828	3.47	80	5	ND	17	84	1.2	20	3	63	1.69	.077	41	53	.70	945	.05	4	1.17	.01	.16	1	9
029899	3	13	15	108	.1	15	8	615	3.29	20	5	ND	17	162	.5	18	2	76	1.88	.096	43	58	1.13	1250	.18	2	1.90	.05	.50	1	6
029900	4	13	19	101	.1	13	8	567	3.32	23	5	ND	16	143	.2	13	3	83	1.70	.095	39	70	1.21	1251	.26	3	1.81	.07	.67	2	5
029901	2	13	16	101	.2	11	8	622	3.30	23	5	ND	18	152	.4	33	2	76	1.99	.098	41	55	1.20	1952	.20	2	2.32	.04	.58	1	5
029902	4	16	24	108	.1	13	8	631	3.36	166	5	ND	18	159	.5	32	2	67	2.00	.094	44	63	1.08	1608	.16	3	2.19	.03	.55	1	53
029903	2	15	84	146	.3	13	9	597	3.46	79	5	ND	18	103	.3	44	2	75	1.15	.103	49	57	1.21	3260	.18	2	2.61	.02	.67	1	9
029904	2	13	23	111	.1	11	8	584	3.56	69	5	ND	17	145	.5	36	2	75	1.63	.097	47	55	1.32	3229	.19	2	2.79	.03	.62	1	11
029905	3	14	22	117	.2	12	7	634	3.31	18	5	ND	19	224	.3	24	2	71	2.20	.097	43	60	1.33	1115	.19	3	1.98	.05	.61	1	2
029906	2	14	11	103	.2	11	8	600	3.41	16	5	ND	16	179	.3	21	2	75	1.96	.094	38	64	1.32	1496	.23	2	2.21	.05	.67	1	2
029907	3	26	18	93	.3	18	10	696	3.50	58	5	ND	21	488	.4	15	2	23	3.04	.097	47	35	1.19	149	.01	6	.67	.01	.25	1	2
029908	3	20	22	111	.2	13	8	572	3.70	34	5	ND	18	186	.5	35	2	73	1.76	.093	40	63	1.44	782	.23	3	2.59	.04	.69	2	2
029909	2	14	18	105	.3	11	7	595	3.20	20	5	ND	16	130	.4	11	2	76	1.97	.093	36	60	1.32	976	.26	3	1.97	.05	.53	1	1
029910	4	11	33	123	.1	10	7	549	3.21	12	5	ND	15	106	.6	7	3	75	1.35	.089	34	74	1.35	699	.29	5	1.92	.07	.39	2	1
029911	3	12	22	108	.4	10	7	625	3.18	23	5	ND	15	91	.6	12	2	79	1.84	.085	32	70	1.36	455	.29	3	1.86	.05	.43	2	6
029912	2	11	13	97	.3	9	6	617	3.14	17	5	ND	13	75	.3	9	2	80	1.87	.084	29	59	1.39	394	.26	2	1.91	.04	.36	1	2
029913	23	35	21	318	.9	85	6	366	2.30	21	5	ND	9	197	4.1	12	2	103	2.13	.269	23	91	.77	136	.07	8	1.14	.02	.27	1	3
029914	33	49	16	578	1.5	121	6	205	1.73	36	5	ND	5	153	7.0	11	2	184	1.54	.313	15	95	.34	66	.03	12	.73	.02	.20	1	2
029915	17	54	24	366	2.1	95	5	636	1.60	36	5	ND	5	284	3.0	13	2	168	6.65	.480	12	109	.65	48	.03	13	.88	.02	.20	2	1
029916	27	70	13	586	2.0	115	5	377	1.50	39	5	ND	4	257	6.2	15	2	278	4.47	.686	12	97	.45	39	.02	19	.86	.01	.21	1	3
KOKANEE BCRC 91-484																															
029917	3	19	24	130	.2	18	6	274	3.90	204	5	ND	11	57	.4	33	2	19	.17	.095	38	24	.05	872	.01	6	.54	.01	.21	1	44
029918	2	23	14	226	.1	36	14	473	4.13	85	5	ND	13	58	1.3	31	2	45	.32	.109	36	54	.85	2135	.08	3	2.15	.01	.36	1	7
029919	3	26	17	202	.2	32	14	700	4.07	80	5	ND	18	76	.9	46	2	50	.83	.105	43	75	.90	1692	.08	4	1.83	.01	.39	1	9
029920	4	27	37	184	.5	29	12	1042	3.84	108	5	ND	21	124	1.2	47	2	62	1.34	.105	45	66	.84	945	.12	3	1.54	.01	.49	1	20
029921	3	22	23	113	.1	17	10	830	3.46	51	5	ND	20	240	.6	27	2	36	3.02	.100	51	41	.76	998	.02	4	1.18	.01	.24	1	8
STANDARD C/AU-R	18	58	39	131	7.1	70	31	1023	3.95	38	20	7	36	51	18.8	16	17	55	.47	.088	36	58	.88	175	.09	34	1.89	.05	.15	11	450

KOKANEE BCRC 91-485

KOKANEE BCRE 91-484

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
129922	4	14	17	111	.1	14	8	594	3.17	29	5	ND	17	185	.4	17	2	73	2.05	.090	40	65	1.19	1161	.16	2	1.80	.05	.50	1	2
129923	3	14	23	101	.1	13	8	636	3.22	28	5	ND	17	159	.3	20	3	80	2.39	.087	41	62	1.29	2050	.21	2	2.14	.04	.60	1	15
129924	3	12	24	95	.1	11	8	585	3.12	27	5	ND	16	156	.4	9	2	79	2.03	.089	39	66	1.26	769	.19	2	1.80	.06	.56	1	6
129925	3	14	24	100	.1	12	8	627	3.19	32	5	ND	17	171	.5	9	2	78	2.24	.089	40	61	1.22	1450	.19	2	1.84	.05	.59	1	6
129926	2	8	25	96	.1	11	8	644	3.15	36	5	ND	16	170	.4	13	2	69	2.05	.090	39	56	1.17	1485	.09	2	1.88	.03	.35	1	2
129927	3	12	25	93	.1	11	7	579	3.00	18	5	ND	15	185	.2	10	2	58	2.23	.068	33	51	1.12	252	.01	3	1.55	.02	.12	1	1
129928	4	9	16	86	.1	11	7	521	2.99	14	5	ND	15	208	.5	6	2	57	2.53	.090	31	59	1.05	158	.02	3	1.34	.03	.16	1	1
129929	3	11	16	95	.1	12	8	549	3.35	49	5	ND	18	181	.5	21	2	69	2.52	.090	45	58	1.00	706	.12	2	1.75	.03	.46	1	2
129930	3	16	40	123	.1	13	9	719	3.23	307	5	ND	18	151	.6	18	3	56	2.46	.079	46	41	.54	699	.07	3	1.22	.01	.31	1	60
129931	4	20	75	178	.4	13	9	744	3.22	631	5	ND	17	206	1.0	15	2	46	2.32	.083	41	38	.55	297	.01	3	.63	.01	.11	1	27
129932	4	14	43	149	.8	12	9	1461	4.19	1362	8	ND	13	248	.8	18	2	42	3.53	.053	23	36	.64	300	.01	2	.52	.01	.06	1	660
129933	3	20	101	172	.6	12	8	1056	3.39	726	5	ND	12	254	1.4	19	2	42	2.78	.028	20	44	.93	368	.01	4	.63	.01	.05	1	310
129934	4	12	28	93	.7	11	8	1206	3.67	2006	5	2	11	287	.5	19	2	36	3.89	.027	17	42	1.22	355	.01	4	.60	.01	.07	1	1650
129935	3	11	22	90	.4	14	8	2088	4.84	1008	5	2	11	276	1.1	16	2	43	4.90	.037	20	28	1.56	771	.01	3	.51	.01	.06	3	1160
129936	10	26	36	272	.5	34	9	762	2.96	418	6	ND	12	234	3.1	20	2	46	2.07	.053	24	49	.57	357	.01	5	.58	.01	.12	1	74
129937	13	39	31	399	.7	54	7	531	2.54	244	5	ND	10	250	8.3	20	2	142	1.50	.167	29	83	.44	88	.01	9	.59	.01	.11	1	51
129938	21	66	12	484	.8	32	2	90	1.05	92	8	ND	3	221	21.5	14	2	541	1.34	.483	11	132	.18	950	.01	16	.58	.01	.16	1	12
129939	6	33	36	168	.6	20	10	647	3.58	626	6	ND	14	76	2.1	24	2	42	.54	.061	35	34	.12	933	.01	3	.62	.01	.10	1	330
129940	4	19	27	125	.2	16	9	549	3.43	127	5	ND	16	76	1.0	13	2	57	1.18	.090	48	35	.28	768	.01	2	.64	.01	.06	1	82
129941	4	12	22	124	.2	18	10	585	3.23	134	5	ND	20	93	.8	13	2	61	1.76	.103	58	35	.09	606	.01	2	.64	.01	.08	1	34
129942	5	17	26	121	.1	19	10	771	3.56	200	5	ND	19	66	.4	15	3	67	1.25	.102	58	41	.07	689	.01	2	.70	.01	.06	1	25
129943	2	15	14	90	.1	16	9	592	3.54	78	5	ND	18	49	.5	16	2	71	.72	.105	57	49	.96	745	.02	2	1.68	.01	.15	1	16
129944	2	16	15	99	.1	14	9	586	3.35	79	5	ND	16	65	.3	9	2	75	.80	.105	47	49	1.13	1785	.05	2	1.73	.02	.22	1	23
129945	2	18	16	98	.1	14	9	602	3.27	60	5	ND	17	77	.2	7	3	81	1.18	.096	44	58	1.11	2673	.20	3	1.87	.04	.47	1	30
129946	2	17	14	107	.2	16	9	559	3.21	53	5	ND	19	77	.7	5	2	82	.91	.095	43	55	1.11	1605	.24	2	1.79	.04	.35	1	19
129947	4	16	17	150	.1	23	9	611	3.39	186	5	ND	18	55	.9	12	2	82	.53	.098	48	48	.59	946	.12	3	1.30	.02	.19	1	38
129948	5	16	20	146	.1	25	10	654	3.61	165	5	ND	18	54	1.2	18	6	79	.44	.097	61	51	.47	914	.10	3	1.45	.02	.21	1	31
129949	6	24	28	151	.1	29	11	796	3.81	377	5	ND	17	64	1.1	17	2	70	.22	.048	42	45	.11	1163	.01	2	.81	.01	.05	1	5
129950	8	21	31	193	.1	37	13	1029	4.63	703	5	ND	15	65	2.1	25	2	84	.10	.042	43	35	.06	952	.01	3	.57	.01	.05	1	230
129951	8	22	35	139	.5	23	11	905	3.77	1065	9	ND	16	74	.7	16	2	60	.09	.043	38	42	.04	906	.01	5	.68	.01	.09	1	920
129952	8	18	29	129	1.1	18	11	981	4.30	1951	5	4	15	56	1.1	15	2	62	.10	.041	42	36	.03	720	.01	5	.47	.01	.07	1	3420
129953	8	14	21	151	1.1	37	9	1368	3.60	2066	5	6	12	49	1.7	29	2	86	.11	.038	36	46	.03	706	.01	5	.42	.01	.06	2	4460
129954	8	15	23	116	1.9	19	8	784	3.05	2888	7	11	11	48	.9	28	5	46	.13	.035	32	49	.03	623	.01	4	.43	.01	.05	1	9860
129955	5	15	23	87	4.2	9	4	282	3.21	10311	5	21	11	90	.3	35	2	26	.17	.024	29	38	.02	469	.01	3	.35	.01	.08	1	21800
129956	9	18	34	111	1.9	15	2	105	2.52	4387	5	ND	8	91	1.0	20	2	60	.12	.039	24	38	.03	623	.01	5	.45	.01	.09	2	7660
129957	5	41	24	211	.9	52	9	585	2.21	620	5	ND	7	83	1.5	11	4	47	.11	.047	20	39	.38	595	.01	5	.83	.01	.17	1	690
STANDARD C/AU-R	18	59	36	131	6.9	70	32	1049	3.95	38	16	6	39	52	18.5	15	21	56	.47	.090	39	58	.88	179	.09	32	1.93	.07	.15	13	520

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ACME ANALYTICAL

KOKANEE BERG 91-485-

KOKANEE BERG 91-486

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
029958	5	45	35	143	1.6	43	8	384	2.09	686	6	ND	11	83	1.7	19	2	70	.70	.056	27	63	1.07	480	.01	6	1.43	.01	.30	1	1850
029959	4	34	26	222	.8	63	9	698	2.66	444	5	ND	9	69	3.9	14	2	113	1.62	.070	33	62	1.90	636	.01	2	1.53	.01	.06	1	770
029960	3	56	39	285	.9	73	6	644	1.74	239	5	ND	8	89	4.1	9	2	167	6.96	.055	20	54	1.69	1224	.06	2	1.39	.01	.11	1	310
029961	6	73	17	153	.6	32	9	486	2.95	506	5	ND	14	80	2.1	19	2	99	1.88	.089	41	87	1.32	3077	.13	3	2.31	.02	.41	1	1130
029962	4	83	6	99	.4	14	9	349	2.97	167	5	ND	19	79	.7	11	2	83	1.02	.106	52	67	1.31	2193	.24	2	2.07	.05	.52	1	280
029963	3	61	5	89	.3	13	8	331	2.70	153	5	ND	16	92	.7	9	2	74	.95	.100	46	53	1.18	1156	.27	3	1.70	.06	.59	1	290
029964	3	63	7	99	.2	18	7	450	2.66	254	5	ND	15	68	1.2	15	2	80	1.53	.093	44	48	1.18	1603	.22	2	1.92	.04	.49	1	520
029965	6	51	20	142	.7	26	10	734	3.42	1016	5	2	18	85	1.6	19	3	77	.84	.089	49	57	.65	1741	.32	4	1.50	.02	.31	1	2410
029966	3	17	29	126	.4	18	10	705	3.28	794	5	ND	18	67	1.1	24	2	19	.38	.104	49	22	.04	893	.01	7	.52	.01	.11	1	590
029967	3	11	28	106	.5	17	9	764	3.49	929	5	ND	17	59	.7	41	2	15	.57	.114	42	21	.06	673	.01	7	.48	.01	.11	1	640
029968	4	23	70	264	1.0	20	12	685	3.73	1135	5	ND	18	47	2.3	34	2	17	.31	.101	53	29	.03	467	.01	6	.44	.01	.15	1	340
029969	3	21	21	134	.5	19	11	598	3.73	1620	5	ND	19	33	.9	30	3	24	.43	.134	58	27	.04	287	.01	6	.47	.01	.15	1	430
029970	5	19	17	115	.1	17	10	641	4.12	731	5	ND	17	32	.3	51	2	28	.38	.118	51	23	.05	843	.01	4	.56	.01	.12	1	410
029971	7	16	23	121	.1	21	11	840	4.06	258	5	ND	16	45	.4	58	2	22	.27	.102	50	21	.03	675	.01	3	.53	.01	.10	1	57
029972	5	13	27	112	.1	16	10	686	3.91	146	7	ND	18	42	.2	35	2	24	.28	.100	52	26	.04	496	.01	4	.59	.01	.13	1	39
029973	4	17	23	107	.1	16	11	778	4.43	136	5	ND	18	43	.3	21	2	14	.30	.106	50	22	.04	442	.01	5	.54	.01	.12	1	43
029974	2	31	25	110	.1	19	11	750	4.05	108	5	ND	16	61	1.1	19	2	11	1.67	.101	34	20	.09	507	.01	6	.54	.01	.15	1	49
029975	3	25	26	127	.3	16	9	727	3.26	579	5	ND	15	191	3.1	16	2	18	2.84	.101	38	29	.27	347	.01	6	.60	.01	.13	1	110
029976	6	19	25	183	.1	22	11	860	3.30	166	5	ND	16	123	1.1	19	2	21	2.01	.108	44	37	.16	756	.01	6	.50	.01	.14	1	50
029977	6	21	24	197	.3	32	11	753	3.15	235	5	ND	16	105	.7	18	2	21	2.03	.105	40	37	.15	256	.01	6	.53	.01	.18	1	64
029978	4	21	15	168	.3	28	10	713	3.07	228	5	ND	16	156	.9	19	2	31	2.41	.102	41	36	.31	403	.01	6	.56	.01	.15	1	56
029979	3	15	16	91	.2	13	7	466	2.73	53	5	ND	14	198	.8	11	2	37	2.39	.082	28	45	.81	515	.01	3	1.06	.01	.14	1	25
029980	3	17	28	125	.1	12	8	484	2.81	186	5	ND	15	166	.9	14	2	29	2.20	.088	36	32	.44	300	.01	4	.63	.01	.12	1	37
029981	4	16	53	184	.5	10	8	561	2.90	524	5	ND	16	156	1.7	15	2	22	2.21	.082	35	32	.30	284	.01	6	.48	.01	.16	1	87
029982	7	18	39	128	.3	12	6	500	2.71	113	5	ND	16	184	1.1	13	2	46	2.29	.082	41	85	.81	340	.01	6	1.26	.02	.21	1	28
029983	2	17	13	105	.2	12	7	546	2.72	27	5	ND	16	175	.9	16	2	62	2.64	.086	42	70	1.20	508	.02	2	1.81	.03	.18	1	13
029984	2	18	11	92	.1	10	7	527	2.98	20	5	ND	16	133	.6	8	2	76	1.58	.082	38	57	1.27	1272	.22	2	1.86	.04	.43	1	6
029985	2	14	14	87	.1	10	7	543	2.94	9	5	ND	15	119	.4	3	2	79	1.37	.081	30	63	1.31	1203	.27	3	1.78	.05	.67	1	4
029986	2	14	11	89	.1	12	7	516	3.28	50	5	ND	16	131	.8	17	2	68	1.66	.086	38	53	1.19	1143	.10	2	2.13	.02	.32	1	20
029987	4	17	57	107	.2	14	8	520	3.26	175	5	ND	18	89	.6	38	2	40	1.37	.095	46	48	.62	836	.01	3	1.29	.01	.16	1	32
029988	2	14	11	87	.1	14	7	563	3.36	73	5	ND	15	158	.6	15	2	45	1.85	.087	33	50	.95	395	.01	2	1.55	.01	.11	1	15
029989	3	15	12	81	.1	12	8	523	2.60	41	5	ND	17	141	.6	13	2	43	2.47	.088	39	40	.64	431	.01	2	.95	.01	.10	1	2
029990	4	19	18	103	.2	12	8	675	3.00	205	6	ND	17	189	.6	19	2	38	2.60	.089	44	44	.50	310	.01	3	.50	.01	.12	1	42
029991	4	22	19	111	.1	14	9	655	2.97	72	5	ND	20	53	.8	13	2	64	1.53	.095	59	42	.37	621	.05	2	1.12	.01	.25	1	4
029992	2	18	26	121	.1	12	8	519	3.49	49	5	ND	17	106	.9	10	2	78	1.23	.087	42	62	1.33	2408	.13	2	2.22	.03	.44	1	5
029993	4	20	17	104	.1	16	8	520	3.16	85	5	ND	19	80	.5	18	2	61	1.57	.093	51	51	.65	1041	.04	3	1.49	.01	.23	1	23
STANDARD C/AU-R	18	62	36	131	7.3	68	33	1046	3.91	37	18	7	41	53	18.7	15	20	56	.48	.090	38	58	.88	174	.09	32	1.91	.06	.15	11	490

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
029994 KOKANEE BORE 91-486	5	16	117	177	.2	22	9	612	3.31	175	5	ND	19	50	.8	21	2	55	1.14	.099	52	51	.28	573	.01	5	1.05	.01	.13	1	71
029995	6	16	22	180	.1	21	10	544	3.50	279	5	ND	19	66	.7	25	2	49	.83	.111	59	50	.24	662	.01	8	1.17	.01	.15	1	64
029996	19	66	26	525	.4	90	11	146	2.71	267	5	ND	5	171	7.9	37	2	157	.42	.205	21	50	.06	1564	.01	12	.73	.01	.09	1	37
029997	24	44	49	508	.6	70	8	165	2.19	162	5	ND	5	132	9.5	29	2	254	.80	.283	17	69	.13	96	.02	11	.73	.01	.10	1	25
029998	24	44	34	532	.7	69	9	245	2.38	85	5	ND	4	140	7.5	17	2	219	1.24	.149	13	71	.46	66	.01	13	.71	.01	.11	1	14
029999	7	22	31	299	1.3	30	9	380	3.69	412	5	ND	14	66	5.0	80	2	43	.09	.055	33	48	.03	757	.01	6	.67	.01	.09	1	96
030000	9	31	34	344	.4	45	14	637	3.64	513	5	ND	14	80	4.8	89	2	64	.33	.080	35	51	.14	844	.01	7	.82	.01	.11	1	150
030001	8	26	39	335	.2	44	15	590	3.23	709	5	ND	16	64	7.2	81	2	46	.13	.052	41	36	.05	689	.01	6	.69	.01	.10	1	410
030002	9	28	29	202	.7	34	6	113	2.24	1192	5	ND	12	78	4.3	47	2	38	.06	.060	36	61	.02	747	.01	7	.69	.01	.12	1	1550
030003	4	13	27	60	.8	17	2	33	1.43	1517	5	2	12	111	.7	26	2	47	.06	.049	32	45	.02	665	.01	8	.59	.01	.10	1	2190
030004 KOKANEE BORE 91-487	4	15	28	40	.5	11	1	23	1.18	1823	5	2	13	95	.8	25	2	47	.05	.060	32	49	.02	707	.01	6	.57	.01	.10	1	2020
030005	6	26	32	160	.6	28	3	31	1.89	2542	5	ND	16	94	1.7	35	2	66	.07	.113	37	51	.02	954	.01	6	.75	.01	.07	1	1640
030006	13	87	30	463	2.5	78	4	55	3.71	3284	5	3	11	189	5.6	58	2	190	.13	.193	32	52	.03	1995	.01	9	.70	.01	.09	1	3940
030007	17	334	18	727	4.8	226	19	531	3.29	1255	12	ND	5	637	9.1	35	2	284	.97	.650	27	141	.07	2122	.01	13	1.07	.01	.16	1	300
030008	24	286	10	570	6.3	330	47	5517	1.32	564	39	ND	3	996	21.4	29	2	182	5.93	2.256	22	167	.06	2621	.01	17	1.18	.01	.17	1	64
030009	9	215	14	652	3.0	176	12	674	1.71	467	15	ND	5	548	8.2	16	2	355	3.29	1.326	29	149	.10	3020	.01	20	1.41	.01	.26	1	210
030010	9	183	47	905	2.0	185	15	827	3.42	820	6	ND	12	307	10.4	27	2	374	1.23	.574	43	115	.09	2104	.01	13	1.27	.01	.19	1	380
030011	27	202	42	1035	3.1	205	14	740	2.94	716	5	ND	9	164	9.2	29	2	644	.37	.195	38	97	.11	1282	.01	17	1.07	.01	.27	1	480
030012 KOKANEE BORE 91-488	6	38	51	257	.3	34	12	622	3.63	578	5	ND	13	63	1.2	32	2	40	.38	.044	33	40	.14	668	.01	10	.69	.01	.11	1	220
030013	9	45	46	315	.6	47	12	668	3.89	662	5	ND	11	60	1.9	35	2	49	.35	.044	32	41	.18	651	.01	8	.60	.01	.14	1	470
030014	7	26	32	261	.9	34	11	781	3.24	1713	5	2	13	57	4.9	39	2	41	.28	.043	39	46	.07	724	.01	8	.61	.01	.08	1	2510
030015	21	40	32	512	1.6	80	13	650	4.10	784	5	ND	7	64	5.8	39	2	72	.16	.069	24	36	.09	1056	.01	11	.58	.01	.18	1	970
030016	15	38	32	557	1.5	77	13	740	4.01	776	5	ND	7	69	7.5	28	2	87	.16	.077	26	42	.09	1200	.01	10	.62	.01	.19	1	1090
030017	35	94	24	882	3.1	130	11	959	3.62	647	5	ND	6	112	9.6	30	2	224	.20	.109	27	68	.12	1711	.01	10	.71	.01	.18	1	710
030018	64	54	28	631	.6	170	10	294	2.58	276	5	ND	6	63	6.2	17	2	195	.11	.056	30	53	.09	951	.01	10	.60	.01	.17	1	110
030019	14	56	26	680	.5	99	10	467	3.13	294	5	ND	9	61	7.3	10	2	121	.08	.067	31	47	.11	984	.01	12	.65	.01	.18	1	46
030020	12	64	23	870	.4	103	12	469	2.95	281	5	ND	8	46	8.4	12	2	118	.07	.052	29	50	.08	738	.01	8	.62	.01	.12	1	32
030021	19	64	29	1080	.5	138	15	884	3.91	322	5	ND	10	58	9.4	15	2	129	.11	.072	30	60	.22	954	.01	6	.79	.01	.15	1	16
030022	12	43	27	821	.5	119	14	967	3.94	405	5	ND	10	76	7.7	12	2	136	.07	.078	34	68	.08	1242	.01	4	.71	.01	.02	1	15
030023	25	72	30	769	.7	111	12	368	4.09	418	5	ND	9	90	8.7	20	2	176	.08	.081	30	65	.07	1308	.01	5	.71	.01	.08	1	34
030024	71	63	36	724	.8	124	9	227	5.51	645	5	ND	7	47	9.6	34	2	303	.07	.066	25	68	.05	691	.01	5	.67	.01	.09	1	32
030025 KOKANEE BORE 91-489	7	78	32	205	.8	35	12	584	4.12	915	5	ND	14	74	1.3	69	2	31	.23	.057	44	36	.09	814	.01	9	.69	.01	.13	1	200
030026	8	50	29	220	.6	34	13	786	4.17	1208	5	ND	13	75	1.4	83	2	30	.35	.049	44	42	.06	851	.01	8	.62	.01	.14	1	640
030027	7	33	33	312	.4	45	16	710	3.95	989	5	ND	14	66	1.6	63	2	35	.19	.047	41	37	.05	732	.01	7	.57	.01	.10	1	440
030028	9	29	44	334	.5	46	15	966	3.88	1304	5	2	15	68	3.5	49	2	41	.23	.044	41	45	.05	724	.01	7	.55	.01	.08	1	1260
030029	8	18	33	160	1.4	23	10	675	3.22	2487	5	5	14	71	2.2	42	2	31	.33	.045	37	63	.03	798	.01	6	.52	.01	.09	1	4670
STANDARD C/AU-R	18	63	41	132	6.9	70	34	1053	3.93	38	15	7	39	53	18.6	14	19	54	.48	.097	39	57	.88	171	.09	33	1.90	.06	.15	12	480

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ACME ANALYTICAL

KORANESE BCRC 91-490

KORANESE BCRC 91-489

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
030030	10	26	23	322	1.6	56	13	609	3.38	1805	5	2	8	61	2.5	41	3	43	.15	.046	24	39	.05	840	.01	6	.51	.01	.11	1	4030
030031	8	18	36	237	1.1	24	11	940	3.51	2353	5	3	15	73	1.4	39	2	37	.56	.054	38	39	.03	926	.01	9	.53	.01	.10	1	2920
030032	8	18	53	197	1.2	21	8	727	3.52	856	5	ND	9	69	.6	20	3	34	.70	.059	23	44	.07	1132	.01	9	.62	.01	.17	1	1410
030033	8	13	37	157	1.0	34	9	976	3.62	627	5	ND	7	57	.5	14	2	47	.62	.053	17	38	.08	838	.01	9	.50	.01	.17	1	1460
030034	16	39	20	247	.6	73	15	828	4.30	273	5	ND	5	43	.4	11	5	43	.12	.038	18	29	.11	779	.01	13	.64	.01	.23	1	100
030035	22	36	50	304	2.1	44	7	271	4.03	375	5	ND	6	65	.2	22	2	69	.10	.074	24	45	.08	1215	.01	9	.60	.01	.20	1	370
030036	26	58	28	451	3.6	71	5	975	1.95	334	5	ND	2	121	3.5	11	2	265	.23	.148	10	120	.04	2079	.01	8	.50	.01	.13	2	500
030037	13	20	68	304	1.7	28	7	986	4.25	478	5	ND	8	52	1.7	19	2	54	.09	.069	26	46	.05	1024	.01	10	.55	.01	.15	1	590
030038	33	61	13	697	5.4	89	4	597	2.53	398	5	ND	3	105	4.1	14	2	220	.14	.118	10	112	.05	1799	.01	7	.41	.01	.11	1	480
030039	17	35	16	520	1.5	61	6	730	2.40	417	5	ND	4	38	3.8	14	2	103	.08	.043	15	77	.05	650	.01	7	.39	.01	.11	1	1700
030040	8	40	13	239	.6	48	9	352	2.31	169	5	ND	8	33	1.0	7	2	36	.07	.035	27	35	.08	506	.01	8	.54	.01	.18	1	77
030041	8	42	16	299	.5	50	10	495	2.57	163	5	ND	8	81	1.4	7	2	46	1.04	.035	25	32	.65	637	.01	8	.51	.01	.18	1	170
030042	6	49	12	177	.3	35	9	299	2.40	40	5	ND	9	99	.9	6	2	39	1.50	.025	27	34	.90	564	.01	11	.58	.01	.22	1	24
030043	4	54	13	187	.3	36	9	280	2.11	36	5	ND	8	101	1.5	6	2	38	1.92	.020	23	31	1.12	455	.01	12	.59	.01	.23	1	12
030044	10	21	37	171	.1	27	11	556	3.52	315	5	ND	12	78	.4	44	4	61	.05	.044	26	48	.03	846	.01	2	.60	.01	.02	1	95
030045	10	29	42	262	.2	39	12	711	3.33	331	5	ND	12	80	1.8	41	2	72	.06	.050	29	47	.04	918	.01	3	.69	.01	.03	1	120
030046	5	43	28	156	.3	19	9	473	3.41	870	5	ND	13	124	1.0	37	2	22	.97	.048	25	35	.23	477	.01	5	.57	.01	.14	1	180
030047	4	18	26	126	.2	15	9	693	2.90	187	5	ND	12	125	.6	36	6	25	2.01	.030	29	27	.23	497	.01	3	.52	.01	.11	1	31
030048	6	19	24	81	.5	13	9	706	3.03	452	5	ND	13	253	.3	34	4	24	2.19	.026	28	52	.56	458	.01	6	.80	.01	.15	1	130
030049	4	22	24	85	.4	11	8	807	3.14	589	5	ND	12	197	.3	47	2	25	2.29	.027	27	39	.71	407	.01	5	.53	.01	.12	1	130
030050	4	16	28	128	.3	12	8	799	2.98	429	5	ND	11	159	.3	94	2	23	2.24	.025	24	37	.66	452	.01	5	.57	.01	.13	1	74
030051	4	16	33	120	1.0	11	8	836	3.02	2016	5	2	12	185	.5	2078	2	19	1.67	.025	25	37	.47	345	.01	5	.38	.01	.11	1	1800
030052	5	18	26	128	1.1	17	10	880	3.26	3098	5	2	14	126	.5	230	2	32	.90	.031	36	46	.28	508	.01	7	.54	.01	.08	1	2190
030053	8	13	27	129	1.1	13	8	1104	3.88	2404	5	ND	11	77	.6	208	2	23	.71	.021	30	53	.11	417	.01	5	.38	.01	.08	1	1940
030054	4	14	78	213	1.0	10	8	1384	3.89	1160	5	ND	13	296	1.8	56	2	19	2.43	.021	26	32	.76	327	.01	5	.42	.01	.12	1	890
030055	5	17	30	112	.4	14	9	891	3.48	2408	5	2	13	122	.2	53	2	25	1.81	.055	26	39	.33	491	.01	4	.53	.01	.11	2	1610
030056	4	20	44	139	.4	16	10	768	3.05	1387	5	ND	15	82	.3	40	2	35	.97	.041	32	37	.24	769	.01	4	.60	.01	.10	1	1140
030057	4	17	41	127	.9	12	9	846	3.30	3854	5	3	15	101	.5	37	2	43	1.47	.025	31	42	.60	456	.01	4	.63	.01	.08	2	3230
030058	9	24	78	121	3.3	11	9	640	3.68	4750	7	4	13	74	.2	39	2	34	.73	.021	26	34	.25	389	.01	2	.43	.01	.08	1	5120
030059	4	16	27	112	.9	12	8	681	3.09	2605	5	2	13	118	.2	27	2	32	.89	.021	31	34	.34	396	.01	5	.48	.01	.06	1	1800
030060	6	17	28	122	.5	13	9	735	2.87	1215	5	ND	14	93	.3	18	2	32	1.07	.031	28	35	.32	489	.01	5	.48	.01	.09	1	970
030061	5	27	24	103	.7	13	9	646	2.84	3260	5	3	13	100	.4	32	2	29	1.31	.082	27	33	.39	307	.01	3	.53	.01	.08	1	2840
030062	6	28	28	140	.9	20	10	720	3.31	2347	5	ND	11	87	.7	35	2	18	.87	.046	20	35	.29	356	.01	4	.39	.01	.10	1	1010
STANDARD C/AU-R	18	62	36	134	7.1	69	34	1069	3.90	37	18	7	40	53	18.7	15	20	55	.47	.089	41	57	.88	174	.09	32	1.89	.07	.15	12	520

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9[illegible]-009 330 File # 91-2044 Page 1

1050 Davie St., Vancouver BC V6E 1N4

KOKANEE BCRC 91-490

KOKANEE BCRC 91-491

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
30063	5	17	37	206	.3	21	11	704	3.20	3246	5	ND	4	96	1.2	25	2	25	1.28	.067	20	39	.40	138	.01	5	.59	.01	.10	1	2720
30064	9	23	53	392	1.9	40	10	462	3.88	3886	5	3	2	73	3.9	44	2	33	.64	.062	23	50	.20	246	.01	5	.54	.01	.09	1	6050
30065	18	62	43	331	3.4	39	5	129	2.15	858	5	ND	1	122	4.9	30	2	181	.25	.108	16	23	.05	1910	.01	12	.60	.01	.13	3	2750
30066	11	19	19	95	1.6	22	3	77	1.18	318	5	ND	1	39	.2	25	2	89	.09	.023	11	39	.03	271	.01	11	.43	.01	.10	1	260
30067	5	14	11	42	1.0	16	2	68	.66	156	5	ND	1	44	.2	8	2	73	.08	.020	11	32	.04	467	.01	11	.33	.01	.09	1	150
30068	4	15	8	41	1.1	19	2	54	.67	94	5	ND	1	53	.2	6	2	78	.07	.022	13	25	.03	372	.01	9	.33	.01	.10	1	120
30069	1	12	11	83	.1	10	8	571	3.28	40	5	ND	4	86	.2	3	2	88	1.30	.105	33	47	1.38	672	.14	2	1.71	.04	.33	1	29
30070	1	11	16	87	.2	11	8	572	3.31	77	5	ND	4	87	.2	5	2	74	1.09	.097	41	64	1.16	366	.04	2	1.72	.03	.21	1	36
30071	3	14	11	68	.4	13	10	1009	3.53	860	5	ND	2	66	.2	20	2	25	.39	.092	48	11	.09	712	.01	3	.55	.01	.14	1	340
30072	3	16	17	65	.2	12	10	758	3.25	565	5	ND	2	32	.2	17	2	36	.47	.101	50	31	.13	263	.01	5	.75	.01	.12	1	37
30073	3	15	12	56	.1	12	10	639	3.52	148	5	ND	3	31	.2	12	2	52	.40	.094	44	39	.25	329	.04	2	.86	.02	.23	1	25
30074	1	13	8	51	.1	10	9	634	3.34	113	5	ND	4	34	.2	2	2	54	.55	.084	41	38	.55	381	.06	2	.95	.02	.27	1	15
30075	2	11	10	46	.1	10	9	529	3.08	49	5	ND	3	64	.2	4	2	56	1.42	.083	34	54	.91	248	.04	3	1.18	.03	.21	1	9
30076	3	9	6	52	.1	14	9	569	3.23	40	5	ND	3	72	.2	4	2	65	1.69	.088	36	59	1.13	258	.06	2	1.28	.03	.28	1	9
30077	2	24	13	137	.3	14	11	607	3.46	46	5	ND	3	65	.4	8	2	59	1.41	.098	31	45	.89	628	.07	2	1.24	.03	.32	1	10
30078	3	12	14	99	.1	9	8	557	3.12	57	5	ND	3	92	.2	8	2	45	1.82	.102	36	48	.60	243	.01	2	1.02	.02	.18	1	2
30079	6	13	31	103	.5	14	11	1107	3.99	628	5	ND	3	112	.2	25	2	22	.85	.060	39	17	.18	921	.01	5	.48	.01	.11	1	120
30080	4	12	26	98	.6	13	10	604	2.69	114	5	ND	4	109	.2	12	2	31	2.38	.083	34	21	.17	779	.01	6	.54	.01	.11	1	11
30081	5	14	18	92	.1	14	11	583	3.89	315	5	ND	4	57	.2	19	2	32	.91	.117	44	21	.13	451	.01	4	.78	.01	.14	1	63
30082	3	11	13	69	.2	10	9	560	3.48	56	5	ND	4	253	.2	8	2	34	2.46	.100	37	39	.65	230	.01	7	.89	.02	.19	1	5
30083	3	12	22	76	.2	9	8	467	2.92	35	5	ND	4	177	.2	5	2	27	2.53	.094	41	29	.47	323	.01	2	.83	.01	.15	1	7
30084	2	11	16	85	.2	9	8	519	3.18	31	5	ND	3	117	.2	10	2	53	2.45	.101	43	47	.82	293	.03	2	1.42	.02	.19	1	6
30085	3	17	20	81	.4	10	9	573	3.39	97	5	ND	4	124	.2	9	2	57	2.13	.094	42	44	.82	512	.09	3	1.35	.03	.39	1	34
30086	3	17	41	120	.4	9	8	587	3.32	19	5	ND	3	122	.3	5	2	68	1.76	.086	38	53	.95	426	.09	2	1.39	.03	.34	1	10
30087	2	16	25	93	.5	8	9	522	3.42	83	6	ND	1	146	.2	8	2	65	2.30	.101	66	33	.70	632	.08	2	1.44	.02	.33	1	23
30088	3	11	19	86	.3	8	7	570	3.09	8	5	ND	3	191	.2	2	2	70	2.47	.090	41	58	1.08	368	.07	4	1.43	.04	.30	1	2
30089	2	10	17	97	.2	10	7	613	3.03	9	5	ND	4	227	.2	2	2	62	2.83	.088	38	56	1.07	354	.04	4	1.33	.03	.24	1	2
30090	4	18	55	166	.3	12	9	607	3.77	103	5	ND	4	153	.3	12	2	50	2.06	.092	38	53	.64	147	.05	2	1.22	.02	.30	1	28
30091	5	12	37	109	.5	12	8	1186	4.15	513	5	ND	4	411	.2	11	2	35	4.08	.076	32	50	1.33	43	.01	4	.63	.01	.18	1	180
30092	4	33	118	383	.6	13	18	573	3.88	71	5	ND	3	150	2.4	7	2	57	2.25	.104	44	51	.76	76	.02	3	1.04	.02	.20	1	25
30093	2	14	29	113	.1	9	8	545	3.18	33	5	ND	3	132	.2	4	2	75	1.93	.086	36	42	1.04	787	.19	2	1.55	.04	.73	1	11
30094	3	10	15	116	.2	10	8	609	3.08	63	5	ND	4	206	.2	7	2	55	2.15	.089	35	47	1.01	406	.05	2	1.19	.03	.26	1	25
30095	3	11	19	112	.1	13	8	577	2.97	31	5	ND	4	228	.2	5	2	45	2.62	.087	33	54	.83	274	.01	3	1.19	.02	.16	1	5
30096	6	18	26	400	.2	29	11	751	3.44	118	5	ND	4	97	.2	19	2	42	1.45	.095	40	36	.39	343	.01	2	.64	.01	.10	1	12
30097	7	27	29	497	.5	31	11	786	3.14	361	5	ND	4	218	.6	18	2	20	2.15	.045	21	47	.80	92	.01	6	.55	.01	.12	1	150
30098	11	19	11	318	.8	30	5	263	2.15	359	5	ND	1	126	2.8	12	2	49	.82	.041	11	72	.34	103	.01	7	.33	.01	.09	1	160
STANDARD C/AU-R	18	62	38	131	6.9	71	32	1039	3.91	38	20	7	36	51	18.8	19	18	57	.47	.088	36	58	.87	174	.09	33	1.87	.06	.15	11	520

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 26 1991 **DATE REPORT MAILED:** June 28/91 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

KOKANEE BCRC 91-491

S. GOLDEN BCRC 91-492

S. GOLDEN BCRC 91-493

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
030099	13	35	13	145	.7	26	3	33	.81	77	12	ND	4	139	4.0	4	2	128	.38	.166	11	111	.04	285	.01	8	.42	.01	.10	1	42
030100	4	34	15	182	.1	46	17	186	4.65	17	5	ND	7	76	.5	4	2	31	.20	.039	13	45	.69	511	.01	2	1.92	.02	.15	1	9
030101	4	41	20	178	.1	50	15	147	4.59	20	5	ND	6	56	.8	2	2	35	.18	.037	8	40	.74	767	.01	5	1.99	.02	.16	1	5
030102	4	38	45	161	.3	44	14	135	4.03	30	5	ND	6	40	.9	6	3	72	.15	.037	7	43	.71	212	.01	4	1.79	.02	.16	1	10
030103	3	37	23	212	.2	64	23	285	4.36	20	5	ND	6	24	.3	2	2	46	.15	.037	4	43	.96	163	.01	4	2.05	.02	.16	1	3
030104	3	40	23	251	.4	78	26	573	4.44	19	5	ND	6	29	1.6	5	2	49	.20	.038	4	42	1.01	105	.01	4	1.89	.02	.17	1	4
030105	2	42	19	283	.5	72	24	464	4.06	13	5	ND	6	42	2.9	3	2	49	.34	.038	4	39	1.03	135	.01	9	1.89	.02	.17	1	2
030106	2	42	15	224	.2	64	23	471	4.01	16	5	ND	5	44	1.1	2	2	38	.35	.038	5	34	1.02	187	.01	7	1.67	.02	.18	1	3
030107	2	40	14	212	.3	58	20	522	4.33	13	5	ND	6	54	.6	2	2	37	.48	.041	5	34	1.12	158	.01	7	1.75	.02	.18	1	2
030108	1	39	14	221	.1	53	18	445	4.10	8	5	ND	4	52	.7	2	2	40	.37	.033	3	32	1.02	141	.01	2	1.79	.02	.17	1	4
030109	2	39	14	214	.3	57	20	354	3.81	13	5	ND	5	61	.9	2	2	42	.44	.032	3	34	1.03	143	.01	8	1.90	.02	.18	1	3
030110	1	39	17	203	.3	56	19	348	3.69	10	5	ND	5	58	.9	3	2	37	.37	.033	3	30	.98	158	.01	6	1.83	.01	.17	1	5
030111	2	39	10	160	.1	58	19	384	4.23	21	5	ND	4	66	.2	2	2	29	.47	.035	3	37	1.04	109	.01	5	1.79	.02	.19	1	9
030112	1	38	11	182	.1	51	18	396	3.97	9	5	ND	5	54	.8	2	2	36	.37	.033	3	30	1.02	190	.01	5	1.76	.01	.16	1	3
030113	3	37	19	176	.2	58	20	397	4.17	24	10	ND	5	73	.2	3	2	30	.42	.034	6	32	1.02	124	.01	6	1.71	.01	.16	1	3
030114	1	39	18	196	.2	54	20	373	4.04	25	5	ND	6	66	.7	5	2	34	.46	.031	6	30	1.02	153	.01	5	1.69	.01	.17	1	3
030115	2	32	11	150	.3	40	14	422	3.59	18	5	ND	11	357	.4	7	2	29	1.80	.058	23	32	1.19	92	.01	5	1.10	.02	.20	1	5
030116	4	34	14	206	.3	60	17	331	3.80	41	5	ND	6	166	1.1	6	2	42	.68	.026	13	28	.93	54	.01	3	1.06	.01	.19	1	8
030117	3	38	12	221	.2	57	17	310	3.66	31	5	ND	5	127	1.2	6	2	43	.56	.030	6	31	.92	89	.01	5	1.39	.01	.17	1	3
030118	3	24	40	174	.3	30	10	600	2.93	206	5	ND	9	252	1.4	17	2	27	2.05	.029	17	26	.94	45	.01	6	.45	.01	.13	1	87
030119	3	37	18	93	.2	34	8	157	3.91	15	5	ND	10	82	.2	2	2	37	.21	.035	28	32	.64	443	.01	2	1.75	.02	.14	1	7
030120	3	38	18	129	.2	59	15	225	4.18	19	5	ND	11	85	.4	3	2	34	.18	.038	34	35	.68	425	.01	4	1.91	.02	.16	1	3
030121	3	36	25	160	.3	58	14	182	4.21	19	5	ND	11	80	.2	5	2	28	.17	.038	36	37	.70	596	.01	6	1.89	.02	.17	1	6
030122	5	39	20	107	.1	39	12	191	4.14	15	5	ND	11	75	.4	4	3	27	.17	.037	34	32	.73	432	.01	5	1.86	.01	.14	1	3
030123	4	47	16	109	.5	52	21	224	4.16	38	5	ND	11	55	.6	2	2	28	.13	.035	33	34	.79	442	.01	9	1.88	.02	.16	1	6
030124	3	59	10	83	.2	72	21	353	4.37	115	5	ND	10	39	.2	2	2	30	.30	.038	32	39	1.10	106	.01	6	1.98	.02	.18	1	7
030125	2	52	11	116	.4	67	21	302	4.40	25	5	ND	11	31	.2	2	2	30	.26	.040	36	38	1.08	94	.01	7	1.92	.02	.18	1	5
030126	4	39	35	180	.3	59	20	429	4.31	30	5	ND	9	57	.2	3	2	28	.48	.037	30	42	1.07	64	.01	3	1.84	.02	.14	1	1
030127	3	39	33	243	.1	58	20	474	4.14	15	5	ND	9	45	1.1	2	2	36	.40	.036	31	38	1.08	129	.01	5	1.87	.02	.16	1	3
030128	2	42	15	232	.3	56	18	370	4.01	10	5	ND	9	58	1.1	2	2	41	.42	.038	28	43	1.06	141	.01	6	1.89	.02	.15	1	1
030129	2	40	9	208	.2	55	19	345	3.93	9	5	ND	6	48	.9	2	2	41	.38	.036	11	38	1.04	141	.01	6	1.95	.02	.14	1	4
030130	2	42	15	221	.2	57	19	315	3.74	13	5	ND	4	57	1.0	2	2	42	.36	.032	5	37	.98	128	.01	9	1.86	.02	.16	1	4
030131	2	45	17	266	.3	63	19	259	3.69	14	5	ND	5	54	1.5	2	2	48	.34	.032	4	36	.98	105	.01	6	1.90	.02	.17	1	4
030132	3	41	10	226	.2	53	18	396	3.87	11	9	ND	4	82	1.3	2	2	41	.69	.033	3	37	1.11	126	.01	6	1.89	.02	.14	1	4
030133	4	35	15	179	.1	64	19	360	4.21	17	5	ND	3	64	.2	2	2	34	.42	.032	3	39	1.05	50	.01	7	1.96	.02	.17	1	1
030134	2	38	13	187	.2	59	18	316	4.05	10	5	ND	4	70	.2	2	2	34	.44	.034	3	37	1.08	98	.01	6	1.92	.02	.15	1	2
STANDARD C/AU-R	19	63	41	132	7.0	70	33	1049	3.97	38	19	7	40	53	18.5	15	19	56	.48	.089	39	59	.89	175	.09	33	1.88	.07	.15	13	510

JUN-28-1991 14:50 FROM ACME ANALYTICAL TO 1-403-676623 P.003

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
BCRC 91-493																															
135	2	44	17	182	.1	60	18	520	4.46	12	5	ND	4	83	.6	2	2	28	.54	.034	3	33	1.15	100	.01	3	1.75	.01	.16	1	7
136	9	37	17	158	.1	57	16	372	4.41	50	5	ND	5	48	.5	12	2	29	.23	.039	7	36	.70	563	.01	3	2.05	.02	.16	1	34
137	7	46	18	136	.2	52	11	216	4.30	22	6	ND	5	55	.5	5	2	28	.22	.032	4	32	.70	492	.01	3	1.96	.02	.18	1	11
138	5	40	19	172	.1	64	14	291	4.23	13	5	ND	4	62	.5	2	2	28	.20	.035	4	33	.76	393	.01	2	2.02	.02	.15	1	5
139	2	41	15	167	.1	58	13	190	4.25	11	5	ND	5	74	1.0	2	2	35	.19	.040	4	35	.81	506	.01	3	2.13	.02	.15	1	5
BCRC 91-494 S. GOLDEN																															
140	2	43	17	184	.2	53	13	162	4.12	13	5	ND	5	103	1.5	2	2	41	.17	.034	3	31	.71	434	.01	4	1.97	.02	.18	1	3
141	3	38	16	178	.1	61	15	163	4.40	12	5	ND	5	73	.6	2	2	30	.15	.039	3	33	.78	511	.01	3	1.98	.01	.15	1	3
142	4	42	15	156	.1	57	16	152	4.29	17	5	ND	4	48	.4	2	2	27	.10	.035	3	32	.79	182	.01	4	2.02	.02	.16	1	3
143	2	45	18	173	.2	59	15	171	4.46	13	7	ND	5	60	.4	2	2	30	.11	.034	3	29	.71	441	.01	2	1.80	.02	.18	1	1
144	2	40	14	166	.1	69	21	277	4.24	11	5	ND	5	27	.3	2	2	26	.16	.032	3	33	.96	121	.01	3	2.06	.02	.15	1	3
145	3	43	14	159	.1	70	21	434	4.56	9	5	ND	4	38	.4	2	2	26	.35	.036	3	50	1.10	72	.01	4	2.18	.02	.16	1	4
146	3	40	18	159	.2	69	20	374	4.29	14	6	ND	5	58	.4	2	2	27	.45	.032	3	39	1.08	55	.01	3	2.10	.02	.18	1	2
147	6	42	18	165	.2	65	18	345	4.35	14	5	ND	7	60	.4	2	2	30	.45	.035	16	43	1.10	59	.01	5	2.15	.02	.15	1	4
148	4	40	18	188	.1	62	18	301	4.11	15	5	ND	8	58	.8	2	2	33	.44	.035	26	41	1.03	54	.01	5	2.01	.02	.15	1	6
149	4	47	27	201	.1	67	19	334	4.47	12	5	ND	9	55	.8	2	2	34	.40	.038	34	50	1.12	61	.01	5	2.27	.02	.16	1	6
150	2	44	38	238	.3	61	18	415	4.25	18	5	ND	9	66	1.6	2	2	38	.41	.042	31	40	1.12	108	.01	5	2.09	.02	.17	1	2
151	2	55	16	133	.2	64	19	344	4.29	61	5	ND	9	66	.3	3	2	32	.37	.039	28	34	1.06	61	.01	5	1.77	.02	.17	1	3
152	5	52	19	105	.4	65	20	317	4.41	51	5	ND	10	74	.4	5	2	27	.36	.046	33	39	1.11	66	.01	6	1.88	.02	.21	2	3
153	2	46	27	210	.3	62	20	376	4.40	14	5	ND	11	74	1.0	2	2	31	.39	.044	35	45	1.14	79	.01	4	2.06	.02	.18	1	3
154	2	18	28	110	.2	15	10	734	3.46	643	5	ND	19	85	.4	6	2	59	2.76	.093	54	47	.18	1236	.01	3	.72	.01	.13	1	440
BCRC 91-495 S. GOLDEN																															
155	1	16	33	116	.2	17	10	711	3.36	133	5	ND	20	79	.7	4	2	70	2.04	.101	54	44	.53	1465	.09	2	1.42	.02	.39	1	43
156	3	18	41	118	.2	16	10	519	3.09	42	5	ND	20	74	.4	5	2	67	.77	.103	60	50	.58	2469	.07	2	1.69	.02	.32	1	10
157	2	16	26	107	.1	15	10	582	3.20	22	5	ND	21	79	.5	8	2	73	.68	.100	62	47	.63	2988	.12	2	1.85	.03	.49	1	3
158	1	17	29	124	.1	21	12	466	3.35	38	5	ND	20	68	.7	14	2	73	.57	.097	51	45	.79	2986	.15	2	2.04	.03	.48	1	2
159	3	17	34	134	.2	22	11	551	3.46	26	5	ND	20	78	.7	12	2	80	.72	.100	49	62	.98	2378	.18	2	2.04	.04	.55	1	3
160	4	15	16	121	.1	17	10	740	3.31	37	5	ND	21	74	.7	10	3	77	.99	.103	51	60	.68	1012	.09	2	1.49	.02	.33	1	5
161	4	30	297	613	2.2	20	11	938	4.05	172	13	ND	18	92	3.3	22	2	41	.49	.090	44	37	.15	901	.01	3	.78	.01	.18	1	6
162	3	23	69	179	1.0	20	12	780	4.30	185	7	ND	13	134	1.2	18	2	13	1.10	.062	28	18	.13	582	.01	4	.56	.01	.15	1	14
163	2	15	47	125	.4	19	12	779	4.16	134	5	ND	14	185	1.1	21	2	33	1.55	.052	31	19	.22	1027	.01	2	.61	.01	.13	1	1
164	3	16	36	136	.4	14	10	826	3.83	98	5	ND	12	171	1.2	17	2	27	2.08	.068	29	30	.24	928	.01	3	.69	.01	.14	1	11
165	9	30	43	157	.9	48	11	307	2.95	118	5	ND	10	111	1.1	20	2	55	.45	.063	30	21	.09	349	.01	7	.49	.01	.20	1	16
166	7	43	20	328	.4	75	16	159	3.60	50	5	ND	9	82	2.7	9	2	39	.16	.044	31	16	.14	44	.01	6	.59	.01	.27	1	1
167	6	33	39	275	.8	47	11	370	2.83	75	5	ND	9	137	2.5	11	2	55	1.05	.048	22	26	.46	38	.01	6	.59	.01	.21	1	5
168	3	20	87	235	1.0	18	9	796	3.25	64	5	ND	12	223	1.7	15	2	49	2.18	.056	21	26	.83	274	.01	4	.67	.01	.14	1	6
169	3	16	45	144	.4	23	10	742	3.31	46	5	ND	11	214	1.1	7	2	41	1.67	.068	23	24	.56	238	.01	4	.60	.01	.17	1	3
170	9	42	16	270	.3	90	15	268	3.08	38	5	ND	7	183	1.8	5	2	44	.61	.061	24	23	.35	33	.01	7	.55	.02	.23	1	3
STANDARD C/AU-R	18	60	38	132	6.9	69	33	1052	3.94	36	17	7	39	53	18.6	14	19	55	.48	.091	39	58	.89	173	.09	32	1.91	.08	.15	11	520

P.005 TO 1-403-6676623 FROM ACME ANALYTICAL 14:52 JUN-28-1991

BCRC 91-495T

S. GOLDEN BCRC 91-496

S. GOLDEN BCRC 91-497

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
030171	6	36	17	298	.3	77	16	224	3.32	25	5	ND	7	154	1.8	6	2	33	.48	.038	23	18	.54	26	.01	5	.51	.02	.21	1	4
030172	20	59	9	660	.9	79	9	171	2.18	46	5	ND	4	351	7.6	10	2	97	.97	.156	14	45	.49	24	.01	9	.56	.01	.17	1	1
030173	6	33	29	198	.3	63	18	623	3.24	164	5	ND	11	86	1.5	20	3	38	.13	.036	30	30	.09	818	.01	8	.63	.01	.17	1	9
030174	4	20	36	144	.4	24	15	919	3.72	182	5	ND	13	80	.6	24	2	47	.39	.025	24	35	.06	558	.01	2	.51	.01	.04	1	4
030175	3	15	41	134	.5	20	13	1234	4.29	429	5	ND	15	87	.7	189	2	47	.48	.035	30	38	.07	567	.01	2	.55	.01	.07	1	380
030176	3	16	29	141	.3	16	12	873	3.05	69	5	ND	14	118	.8	20	2	55	1.59	.041	23	37	.16	833	.01	2	.70	.01	.05	1	9
030177	2	15	34	135	.4	16	13	1370	3.91	676	5	ND	13	97	.4	31	2	50	.90	.024	25	32	.10	497	.01	4	.50	.01	.05	1	580
030178	2	14	24	124	.2	17	18	1243	3.49	383	5	ND	19	107	.6	23	2	67	1.00	.072	47	37	.11	709	.01	2	.63	.01	.06	1	120
030179	3	15	23	117	.1	18	14	479	3.39	99	5	ND	21	64	.5	16	2	75	.52	.107	51	42	.44	1680	.10	3	1.29	.02	.35	1	7
030180	3	15	30	149	.1	19	15	765	3.81	326	5	ND	22	80	.3	19	2	73	.46	.099	60	38	.29	1235	.06	2	1.12	.01	.25	1	9
030181	3	12	19	91	.1	14	11	523	2.96	30	5	ND	17	90	.5	7	3	84	1.24	.094	41	55	1.03	1970	.21	2	1.76	.05	.53	1	4
030182	2	12	15	89	.1	7	9	545	2.91	37	5	ND	18	123	.4	17	3	73	2.41	.095	47	42	.78	1302	.11	4	1.61	.02	.42	1	2
030183	6	21	20	112	.1	34	12	562	3.37	194	5	ND	14	81	.4	26	2	58	.66	.072	40	50	.33	1115	.05	2	1.01	.01	.25	1	52
030184	4	14	39	114	.2	29	13	831	3.67	135	5	ND	12	83	1.0	26	2	40	.83	.085	33	23	.13	864	.01	2	.52	.01	.12	1	11
030185	4	6	53	141	.4	18	13	857	3.98	139	5	ND	11	116	.9	33	2	37	1.11	.053	26	23	.19	809	.01	4	.57	.01	.11	1	16
030186	4	21	27	146	.5	54	17	678	3.58	118	5	ND	11	106	.7	28	2	38	.81	.055	33	24	.19	659	.01	6	.53	.01	.18	1	8
030187	7	35	26	167	.6	97	18	374	3.46	97	5	ND	9	128	.8	21	2	38	.72	.046	32	14	.30	104	.01	5	.50	.01	.21	1	7
030188	7	36	217	352	2.2	77	17	337	3.02	112	5	ND	9	101	4.2	23	2	48	.52	.042	29	20	.26	99	.01	8	.53	.01	.22	1	9
030189	5	19	31	119	.6	25	11	586	3.18	58	5	ND	10	167	.8	13	5	46	1.75	.050	22	22	.77	305	.01	2	.52	.01	.13	1	7
030190	3	9	38	98	.4	12	11	716	3.55	43	5	ND	13	149	.4	9	2	45	2.20	.087	24	26	.91	403	.01	6	.67	.01	.15	1	11
030191	2	8	30	106	.2	11	8	693	3.09	38	5	ND	13	230	.6	6	2	38	2.73	.085	24	23	.94	328	.01	4	.77	.02	.15	1	8
030192	6	21	27	145	.1	42	13	446	3.03	32	5	ND	9	171	.5	7	3	48	1.63	.065	26	30	.65	122	.01	8	.92	.02	.19	1	4
030193	7	32	16	221	.1	75	17	214	3.34	30	5	ND	6	180	1.0	6	2	41	.65	.045	23	29	.53	32	.01	5	.58	.02	.24	1	1
030194	8	41	21	379	.3	69	14	209	2.85	39	5	ND	6	214	3.3	10	2	42	.82	.055	23	27	.57	30	.01	9	.46	.01	.20	1	6
030195	16	37	16	410	.6	65	11	189	2.54	44	5	ND	3	263	4.0	9	2	99	.95	.179	13	66	.41	29	.01	10	.78	.02	.23	1	4
030196	26	82	87	958	1.9	96	8	113	1.96	66	5	ND	2	354	12.2	16	2	215	.68	.279	7	73	.14	25	.01	12	.72	.01	.17	1	3
030197	15	56	45	462	.8	78	11	182	2.42	59	5	ND	5	292	4.6	12	4	76	.94	.117	16	50	.41	20	.01	8	.55	.01	.20	1	3
030198	4	31	29	206	.4	43	19	702	4.16	140	5	ND	16	87	1.4	35	3	31	.30	.095	47	36	.10	582	.01	9	.64	.01	.15	1	25
030199	5	21	26	167	.2	35	15	605	3.68	106	5	ND	14	85	.5	27	2	34	.62	.084	37	45	.17	657	.01	4	.75	.01	.17	1	32
030200	5	15	27	187	.1	32	19	768	4.06	65	5	ND	15	46	.7	22	3	31	.66	.093	40	49	.17	306	.01	4	.75	.01	.16	1	17
030201	5	24	33	204	.2	36	14	402	4.43	483	5	ND	13	121	1.1	13	2	32	1.00	.068	34	31	.07	601	.01	6	.60	.01	.16	1	39
030202	4	17	28	184	.2	31	19	916	3.79	88	5	ND	15	62	.6	23	2	32	.60	.088	39	36	.15	443	.01	5	.69	.01	.15	1	29
030203	8	28	18	145	.1	27	9	75	3.23	157	5	ND	9	111	1.0	7	2	30	.10	.043	32	17	.04	261	.01	6	.50	.01	.23	1	18
030204	8	33	17	151	.2	22	6	56	3.22	100	5	ND	9	169	.2	10	2	33	.10	.050	34	23	.04	633	.01	8	.50	.01	.25	1	4
030205	4	23	22	225	.1	67	17	842	3.62	266	5	ND	12	116	3.4	37	2	21	.45	.080	40	25	.10	620	.01	9	.52	.01	.17	1	100
030206	3	16	25	122	.1	22	11	776	3.35	627	5	ND	9	136	.2	485	2	23	2.27	.030	27	33	.13	611	.01	8	.49	.01	.12	1	480
STANDARD C/AU-R	18	60	37	132	7.2	70	33	1039	3.95	38	17	7	41	53	18.7	15	18	56	.48	.089	39	58	.88	175	.09	34	1.85	.07	.15	11	500

S. GOLDEN BCRC 91-497

S. GOLDEN BCRC 91-498

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
D207	1	15	31	115	.3	16	11	843	3.35	621	6	ND	1	209	.2	1156	2	24	3.65	.018	21	20	.42	491	.01	3	.44	.01	.10	1	200
D208	2	12	34	101	.2	18	11	881	3.41	419	5	ND	1	152	.2	150	2	23	3.64	.017	19	26	.27	441	.01	2	.50	.01	.10	1	460
D209	2	13	23	102	.3	17	12	825	3.40	278	5	ND	1	184	.2	38	2	22	3.88	.048	23	17	.31	752	.01	3	.55	.01	.13	1	85
D210	2	9	44	146	.4	11	9	840	3.60	1075	5	ND	2	259	1.3	157	2	15	3.03	.068	17	28	.68	92	.01	2	.59	.01	.18	1	400
D211	2	5	22	106	.4	14	12	982	3.69	785	5	ND	2	181	.2	277	4	25	3.03	.087	24	24	.56	381	.01	3	.57	.01	.16	1	120
D212	2	19	58	108	1.4	15	9	933	3.16	3307	5	3	1	216	.3	10549	2	31	2.77	.023	13	30	.96	53	.01	3	.51	.01	.09	1	9210
D213	2	14	40	121	.2	15	9	787	3.74	429	5	ND	4	92	.2	427	3	57	1.06	.020	20	31	.50	538	.01	2	.60	.01	.03	1	560
D214	3	11	20	104	.2	17	10	630	3.37	110	7	ND	3	114	.2	71	2	67	2.30	.084	40	47	.94	626	.07	2	1.04	.01	.29	1	44
D215	2	8	24	69	.3	8	8	597	3.22	109	5	ND	2	144	.2	42	2	40	2.99	.085	30	35	1.22	91	.01	2	.72	.01	.14	1	16
D216	5	31	16	375	.3	73	15	232	2.66	98	5	ND	1	97	2.4	13	2	41	.63	.044	25	21	.44	68	.01	4	.60	.01	.23	1	6
D217	6	32	11	250	.1	79	16	199	3.43	46	5	ND	1	96	.9	7	2	36	.41	.042	25	28	.44	33	.01	3	.59	.01	.24	1	1
D218	7	34	18	275	.2	80	14	177	3.22	50	5	ND	1	172	1.3	6	2	30	.72	.038	19	23	.69	38	.01	3	.46	.01	.19	1	6
D219	3	25	11	125	.2	30	12	604	3.40	75	5	ND	7	381	.2	18	2	28	2.55	.079	31	40	1.12	73	.01	4	.55	.01	.20	1	50
D220	4	17	84	280	.4	25	13	805	3.81	283	5	ND	2	113	1.0	142	2	27	.79	.048	29	20	.18	813	.01	5	.72	.01	.16	1	110
D221	5	16	176	413	.6	22	12	826	3.95	263	5	ND	2	113	1.8	126	2	25	.77	.052	31	25	.14	866	.01	4	.77	.01	.18	1	99
D222	5	17	135	384	.8	25	12	878	3.63	230	5	ND	2	129	1.6	90	2	27	1.18	.059	30	27	.15	814	.01	7	.78	.01	.22	1	79
D223	3	13	57	197	.4	26	13	774	3.58	227	5	ND	3	105	.5	62	2	14	1.59	.057	29	21	.10	504	.01	2	.50	.01	.15	1	70
D224	3	12	30	125	.2	18	11	668	3.18	97	5	ND	3	74	.2	44	2	13	2.05	.082	32	28	.12	281	.01	4	.60	.01	.19	1	34
D225	4	13	36	125	.4	19	11	709	3.22	97	5	ND	4	128	.2	90	2	14	2.26	.082	29	35	.31	255	.01	4	.59	.01	.17	1	69
D226	3	15	48	170	.4	28	15	879	3.52	67	6	ND	5	109	.3	51	2	17	2.20	.090	32	24	.29	418	.01	3	.69	.01	.16	1	27
D227	3	11	333	457	1.2	15	10	903	3.46	151	5	ND	5	186	3.0	117	2	10	2.62	.081	17	35	.57	192	.01	5	.47	.01	.17	2	66
D228	4	22	258	453	1.3	25	11	818	3.70	1202	5	ND	2	217	3.7	3947	2	17	2.22	.048	14	40	.72	39	.01	6	.51	.01	.17	1	540
D229	6	24	95	418	2.4	59	13	346	3.04	1303	5	ND	1	116	2.7	6848	2	20	.82	.015	13	27	.34	13	.01	3	.39	.01	.16	1	1530
D230	3	12	53	152	.4	26	11	729	4.29	2222	5	ND	1	214	.2	222	2	24	1.92	.015	15	37	.67	73	.01	2	.49	.01	.12	1	1870
D231	2	13	40	134	.3	24	11	639	3.88	1153	5	ND	2	171	.2	143	2	26	2.08	.015	14	29	.66	429	.01	3	.38	.01	.10	1	1050
D232	2	12	33	116	.5	18	10	848	3.71	1193	5	ND	1	363	.2	91	2	14	3.24	.043	13	35	1.13	110	.01	4	.42	.01	.14	1	860
D233	2	12	53	121	1.1	9	8	955	3.75	3329	5	2	1	349	.2	65	4	8	3.34	.013	9	31	1.25	44	.01	2	.40	.01	.13	1	2470
D234	2	7	30	117	.4	9	7	821	3.49	2595	5	ND	1	315	.2	68	2	9	3.29	.013	11	23	1.12	97	.01	2	.38	.01	.14	1	1480
D235	2	8	23	82	.3	7	8	754	3.26	1163	5	ND	2	244	.2	116	2	13	3.10	.023	12	24	1.15	108	.01	3	.49	.01	.16	1	1690
D236	2	9	21	84	.4	7	8	779	3.34	2143	5	ND	3	324	.2	66	2	8	3.33	.035	11	27	1.15	61	.01	3	.38	.01	.12	1	1830
D237	2	10	27	87	.6	9	8	823	3.47	3215	5	2	3	329	.2	449	2	11	3.52	.049	12	29	1.20	44	.01	2	.41	.01	.13	1	5590
D238	1	11	26	99	.6	9	8	848	3.73	2935	5	ND	2	299	.2	82	2	10	3.66	.046	11	27	1.24	61	.01	2	.42	.01	.13	1	2390
D239	2	8	21	107	1.6	8	8	997	3.59	8961	5	12	3	232	.5	94	2	17	2.99	.022	9	30	1.12	33	.01	3	.40	.01	.12	1	15760
D240	2	13	41	139	.7	10	9	1225	3.98	1924	5	3	3	136	.2	93	2	39	1.85	.018	14	36	.89	164	.01	2	.39	.01	.06	1	4670
D241	2	16	31	136	.6	11	10	918	3.39	652	8	ND	2	181	.2	40	2	51	2.61	.078	39	36	1.06	376	.02	2	.59	.01	.13	1	1010
D242	2	11	20	68	.3	9	8	1253	3.17	565	8	ND	2	210	.2	23	2	42	2.89	.078	35	31	1.15	418	.02	2	.62	.01	.17	1	420
STANDARD C/AU-R	18	62	37	133	6.8	70	33	1053	4.02	39	15	8	36	54	18.5	15	19	57	.48	.090	36	60	.87	178	.09	34	1.90	.06	.15	12	540

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
030243	3	8	22	89	.2	11	9	693	3.19	356	5	ND	16	205	.4	23	2	61	3.39	.097	50	36	1.01	462	.03	3	1.05	.01	.20	1	390
030244	2	5	16	78	.3	11	9	663	2.99	299	5	ND	13	175	.2	65	2	53	2.96	.091	33	35	1.18	273	.02	4	.77	.01	.12	1	400
030245	3	7	18	85	.4	12	7	534	3.00	300	5	ND	11	154	.3	166	2	66	2.31	.081	39	50	1.17	98	.06	2	1.43	.02	.27	1	450
030246	3	10	17	106	.3	21	9	463	2.85	257	5	ND	10	211	.6	474	2	55	2.42	.075	35	33	1.06	73	.01	4	1.04	.01	.16	1	330
030247	7	23	19	265	.4	58	14	297	2.94	243	5	ND	6	160	1.4	250	2	38	1.11	.029	26	23	.69	59	.01	5	.54	.01	.19	1	290
030248	4	28	8	393	.1	121	31	773	4.44	48	5	ND	26	85	3.1	38	2	33	.43	.109	72	40	.12	386	.01	7	.69	.01	.15	1	18
030249	4	23	16	276	.1	74	23	849	4.50	34	5	ND	27	108	.6	24	2	28	1.12	.117	74	34	.16	223	.01	6	.55	.01	.13	1	7
030250	4	40	40	348	.2	106	32	812	5.04	33	15	ND	25	113	2.4	23	2	89	.72	.163	74	77	.70	873	.17	2	1.29	.02	.52	1	4
030251	4	40	29	328	.1	89	25	719	5.00	28	5	ND	21	142	2.4	21	2	93	.75	.148	60	83	.88	1311	.21	5	1.39	.02	.66	1	3
030252	3	11	33	308	.1	57	23	1416	3.78	41	5	ND	14	122	2.2	21	2	17	.84	.097	42	31	.14	552	.01	10	.59	.01	.19	1	5
030253	4	20	60	218	6.4	24	6	146	3.83	261	5	ND	15	115	1.0	38	2	13	.13	.093	36	39	.05	452	.01	4	.46	.01	.22	1	16
030254	3	14	28	180	.9	34	13	630	3.38	573	5	ND	11	224	.2	35	2	13	1.67	.068	27	31	.47	111	.01	9	.46	.01	.20	1	120
030255	4	10	16	180	.5	34	16	714	3.48	806	5	ND	11	229	.7	52	2	22	1.81	.078	35	36	.40	476	.01	6	.56	.01	.19	1	300
030256	3	10	18	159	.1	29	15	660	3.46	195	5	ND	11	146	.4	28	3	51	1.69	.093	31	45	.58	610	.03	4	.83	.01	.23	1	67
030257	3	10	19	133	.1	21	15	659	3.74	63	5	ND	12	193	.2	32	2	57	1.79	.075	30	46	.47	788	.01	2	.64	.01	.13	1	17
030258	13	17	23	132	.3	23	15	753	3.38	48	5	ND	12	191	.2	21	2	48	1.94	.046	26	147	.41	878	.01	3	.49	.01	.11	1	16
030259	2	13	21	110	.2	20	12	652	3.24	144	5	ND	10	240	.5	15	2	37	2.44	.053	26	40	.77	797	.01	7	.63	.01	.15	1	36
030260	2	17	30	131	.3	17	12	712	3.35	64	5	ND	13	184	.5	15	2	50	1.95	.079	31	43	.60	913	.05	4	.93	.01	.30	1	12
030261	2	11	18	137	.1	20	16	929	3.56	54	5	ND	13	145	.2	16	2	45	1.93	.088	31	33	.45	1017	.04	2	.88	.01	.28	1	6
030262	3	12	16	110	.1	21	12	648	3.11	48	5	ND	12	204	.2	38	2	36	2.22	.083	25	38	.69	490	.03	2	.96	.02	.24	1	7
030263	3	12	53	420	.7	21	13	710	3.46	291	5	ND	12	215	3.7	57	2	34	2.25	.099	24	36	.84	156	.05	4	.89	.02	.30	1	25
030264	3	8	28	164	.4	15	12	633	3.20	51	5	ND	12	168	.4	31	2	53	2.10	.097	23	45	.85	330	.07	4	.93	.02	.32	1	6
030265	3	9	54	330	.3	13	11	678	3.14	94	5	ND	11	215	2.2	24	2	47	2.56	.098	21	36	1.03	176	.01	4	.53	.01	.15	1	11
030266	3	14	86	294	.8	16	12	691	3.42	179	5	ND	11	211	2.1	35	2	56	2.30	.097	24	45	1.00	112	.08	2	1.01	.03	.34	1	20
030267	3	32	50	133	.8	18	13	794	3.91	632	5	ND	9	321	.2	46	17	18	2.78	.098	16	29	1.19	55	.01	2	.51	.01	.20	1	31
030268	3	15	29	155	.2	19	13	888	3.59	131	5	ND	13	203	.3	25	2	52	2.30	.059	29	41	.97	447	.01	2	.63	.01	.09	1	9
030269	3	11	29	134	.1	15	12	820	3.01	358	5	ND	15	206	.2	34	2	54	2.10	.085	38	43	.89	387	.02	2	.75	.01	.17	1	72
030270	3	11	41	131	.3	14	10	769	3.09	103	5	ND	16	161	.8	1242	2	58	2.08	.073	38	44	.87	426	.01	2	.56	.01	.09	1	48
030271	3	14	36	138	.1	14	11	527	2.51	87	5	ND	20	96	.2	382	2	61	1.29	.095	59	36	.61	371	.03	2	.96	.01	.22	1	18
030272	6	17	99	193	.1	10	12	1053	5.22	90	5	ND	62	144	.2	162	2	53	1.14	.064	116	22	.77	605	.01	2	.67	.01	.14	1	7
030273	6	15	101	194	.1	10	16	1107	5.72	88	6	ND	78	152	.6	120	2	52	.93	.056	136	18	.79	997	.01	5	.62	.01	.12	1	9
030274	5	17	62	151	.3	10	14	1077	4.50	334	5	ND	40	326	.2	74	2	40	2.37	.038	71	27	1.09	446	.01	2	.53	.01	.10	1	270
030275	3	14	51	128	.5	11	12	1000	4.00	839	5	3	31	236	.2	.91	2	48	2.49	.036	60	30	1.15	484	.01	2	.58	.01	.08	1	2850
030276	2	11	40	144	.5	17	13	1090	3.67	875	5	2	17	183	.2	89	2	53	2.60	.044	37	36	1.11	454	.01	5	.61	.01	.10	1	2250
030277	3	12	46	134	.1	17	13	1023	3.71	483	5	ND	16	149	.2	65	2	59	1.89	.046	44	36	.91	658	.01	2	.60	.01	.08	1	740
030278	2	11	37	148	.2	18	14	899	3.39	359	5	ND	16	170	.2	37	2	55	2.36	.051	39	36	1.04	749	.01	2	.65	.01	.09	1	1090
STANDARD C/AU-R	18	64	41	130	7.2	70	33	1040	3.89	37	19	7	40	52	18.5	15	19	56	.47	.089	39	57	.88	170	.09	34	1.86	.06	.15	11	530

BCRC 91-498

S. GOLDEN BCRC 91-499

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
3279	4	14	60	146	.4	20	11	928	3.45	686	6	ND	12	271	1.0	87	2	42	3.08	.056	26	26	1.18	45	.01	7	.68	.01	.13	1	870
3280	3	12	79	142	1.0	17	10	1004	3.28	1268	5	ND	12	295	.8	40	2	27	3.33	.072	21	26	1.22	58	.01	9	.61	.01	.15	1	1100
3281	2	7	43	139	.6	12	10	1122	3.41	1558	5	ND	11	377	.8	23	2	19	3.33	.081	19	22	1.15	60	.01	9	.58	.01	.17	1	970
3282	3	6	31	135	.2	15	11	824	3.43	1555	5	ND	11	250	1.0	68	2	26	2.79	.077	23	27	1.04	161	.01	4	.57	.01	.17	1	1310
3283	2	7	30	145	.4	11	11	921	3.65	881	5	ND	14	242	.7	26	2	28	3.03	.086	24	24	1.18	218	.01	5	.56	.01	.17	1	480
3284	3	9	38	92	.3	16	10	977	3.53	682	5	ND	12	271	.8	19	2	22	3.24	.053	17	24	1.17	127	.01	9	.61	.01	.16	1	180
3285	2	5	51	167	.5	10	11	924	3.67	228	5	ND	12	270	.2	20	2	25	3.33	.058	20	20	1.23	236	.01	8	.59	.01	.13	1	120
3286	7	27	28	302	.3	43	12	578	2.90	106	5	ND	8	252	2.9	24	2	47	2.39	.056	21	25	.90	79	.01	10	.61	.01	.18	1	37
3287	7	44	23	330	.4	63	16	526	3.62	293	5	ND	8	349	2.8	19	2	68	2.73	.071	25	51	1.23	44	.01	10	.54	.01	.18	1	90
3288	10	33	21	339	.1	77	16	274	3.39	74	5	ND	5	148	2.1	21	2	47	.82	.048	24	29	.59	39	.01	7	.56	.01	.22	1	45
3289	9	30	18	311	.2	84	15	182	3.59	67	5	ND	5	153	1.9	29	2	46	.95	.046	19	18	.46	21	.01	11	.53	.01	.22	1	34
3290	6	28	20	213	.5	50	16	585	3.76	68	5	ND	11	341	1.2	20	2	37	2.27	.074	27	28	1.04	21	.01	6	.53	.01	.20	1	28
3291	4	25	11	122	.1	30	17	991	4.17	68	5	ND	21	521	.3	13	2	22	3.26	.098	37	33	1.50	58	.01	5	.39	.01	.13	1	28
3292	15	63	20	632	.8	93	15	261	2.66	58	5	ND	6	357	6.7	11	2	111	1.09	.113	18	51	.55	28	.01	13	.65	.01	.22	1	18
3293	8	35	17	327	.2	80	17	248	3.22	46	5	ND	6	144	2.2	13	2	38	.69	.053	21	17	.50	36	.01	11	.53	.01	.22	1	19
3294	6	35	17	349	.3	73	18	280	3.56	38	5	ND	7	178	1.9	9	2	34	.69	.048	21	17	.70	42	.01	12	.57	.01	.25	1	8
3295	8	38	18	389	.1	82	17	174	2.95	48	5	ND	6	147	3.2	12	2	40	.50	.052	23	19	.32	22	.01	13	.61	.01	.25	1	22
3296	7	39	19	369	.2	85	18	222	3.53	49	5	ND	6	197	2.5	6	2	38	.83	.040	24	18	.79	35	.01	7	.55	.02	.22	1	4
3297	4	23	11	99	.1	27	13	637	3.57	75	5	ND	17	426	.2	9	2	25	2.90	.089	34	40	1.30	72	.01	9	.49	.01	.17	3	43
3298	5	13	56	132	.2	16	11	792	3.23	688	5	ND	17	124	.7	34	2	65	2.52	.110	58	44	.70	886	.03	6	.93	.01	.19	1	730
3299	5	14	24	97	.3	12	11	890	3.19	1325	5	2	15	125	.2	29	2	50	1.89	.085	46	45	.53	448	.01	2	.66	.01	.08	1	1650
3300	6	9	32	124	.1	15	11	1031	3.52	352	5	ND	15	86	.5	24	2	61	1.37	.083	50	45	.44	536	.02	2	.86	.01	.14	1	290
3301	10	12	52	178	.7	19	12	2159	3.90	1101	5	3	12	142	.9	42	2	48	1.71	.032	31	40	.71	180	.01	4	.51	.01	.07	1	3070
3302	8	13	31	158	.1	15	11	1080	3.79	540	5	ND	15	174	.6	22	2	64	2.60	.056	41	41	1.05	731	.01	2	.53	.01	.05	1	510
3303	9	13	64	176	.2	18	12	753	3.51	390	5	ND	18	98	.9	21	2	66	2.14	.099	43	39	.86	536	.01	2	.77	.01	.09	1	330
3304	6	13	31	126	.5	15	11	1024	3.43	1495	5	2	16	180	.4	40	2	54	2.39	.085	44	40	.96	294	.01	2	.61	.01	.08	1	2060
3305	5	11	21	101	.1	15	9	511	3.14	212	5	ND	15	111	.6	39	2	68	1.80	.095	41	44	.84	746	.10	2	1.39	.02	.24	1	130
3306	6	14	24	106	.1	16	10	657	3.32	225	5	ND	16	123	.2	31	2	62	1.74	.086	48	46	.84	534	.04	4	1.15	.01	.14	1	290
3307	4	11	20	105	.1	14	10	653	3.17	106	5	ND	16	109	.5	18	2	64	2.35	.090	44	43	.96	504	.01	2	.66	.01	.11	1	120
3308	5	13	23	110	.1	14	9	644	3.17	126	5	ND	15	145	.5	20	2	61	2.53	.091	43	42	.93	489	.04	2	.91	.01	.22	1	120
3309	4	11	23	104	.1	14	9	605	2.82	106	5	ND	15	147	.4	16	2	58	2.65	.093	48	35	.83	577	.01	4	.70	.01	.11	1	88
3310	4	5	29	77	.1	10	10	708	3.47	94	5	ND	12	154	.3	16	2	39	2.55	.056	24	25	1.10	377	.01	5	.55	.01	.09	1	84
3311	6	4	24	83	.1	11	9	759	3.52	133	5	ND	10	166	.2	22	2	31	2.45	.029	20	30	1.02	178	.01	5	.58	.01	.11	1	77
3312	5	5	19	94	.4	13	9	760	3.18	692	5	ND	11	257	1.4	17	2	20	2.78	.048	20	32	1.06	127	.01	5	.52	.01	.12	1	310
3313	4	7	32	157	.2	11	9	768	3.33	208	5	ND	11	208	1.2	20	2	30	2.58	.055	23	27	1.04	482	.01	5	.49	.01	.10	1	130
3314	4	10	47	149	.3	11	9	853	3.35	159	5	ND	11	257	.8	21	2	26	2.72	.038	24	26	1.06	619	.01	4	.53	.01	.12	1	240
STANDARD C/AU-R	18	63	40	131	7.5	71	32	1032	3.94	38	16	7	39	52	19.0	15	20	55	.48	.090	38	58	.88	175	.09	34	1.87	.06	.15	11	490

S. GOLDEN BCRC 91-499

S. GOLDEN BCRC 91-500

S. GOLDEN P.009
BCRC 91-500

1-403-6676623

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
030315	4	7	36	126	.3	7	8	809	3.24	129	5	ND	11	319	.9	24	2	27	2.58	.046	27	33	1.02	455	.01	3	.81	.01	.15	1	83
030316	5	10	26	144	.4	7	9	723	3.08	206	5	ND	12	332	1.1	20	2	43	2.50	.055	28	43	1.02	806	.01	5	.74	.01	.10	1	260
030317	4	12	31	313	.8	11	9	764	3.25	255	5	ND	13	290	3.3	17	2	41	3.16	.061	25	41	1.21	260	.01	6	.69	.01	.10	1	180
030318	2	9	23	181	.3	9	7	729	3.10	122	5	ND	12	258	1.4	11	2	52	3.73	.072	28	37	1.45	239	.01	4	.81	.01	.10	1	36
030319	4	11	28	130	.5	12	9	676	2.98	159	5	ND	12	191	.6	18	2	50	3.38	.086	30	54	1.23	140	.01	4	.90	.01	.14	1	230
030320	7	27	19	218	.5	49	12	444	3.90	149	5	ND	6	174	1.0	30	2	46	2.13	.036	15	25	.83	23	.01	8	.56	.01	.18	1	53
030321	7	28	15	313	.3	61	14	188	3.09	65	5	ND	2	126	2.8	16	2	35	.93	.029	11	18	.41	31	.01	9	.51	.01	.20	1	37

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-011 330 File # 91-2077 Page 1

1050 Davie St., Vancouver BC V6E 1M4

JUL-02-1991 12:52 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
030322	5	56	14	360	.1	95	29	276	3.89	35	5	ND	6	97	.9	6	2	36	.21	.032	28	9	.17	1104	.01	6	.97	.02	.22	1	26
030323	3	51	15	395	.1	136	34	226	3.44	18	5	ND	9	131	2.0	5	2	28	.09	.031	39	1	.07	1106	.01	3	.87	.01	.22	2	3
030324	5	34	70	231	.4	61	19	557	3.37	189	5	ND	17	124	1.2	29	2	36	.14	.064	50	7	.08	1743	.01	4	.76	.01	.22	1	7
030325	5	38	47	280	.2	83	24	1040	4.12	62	5	ND	23	88	1.1	11	2	62	.63	.103	54	70	.66	967	.11	3	1.18	.02	.49	1	3
030326	4	29	24	184	.3	54	19	1109	4.14	33	5	ND	23	153	.5	8	2	70	1.67	.100	56	75	1.05	796	.11	2	1.31	.02	.44	1	2
030327	3	28	21	134	.2	34	16	755	3.57	29	5	ND	21	172	.3	8	2	55	2.24	.104	53	44	.87	725	.02	2	.61	.01	.15	1	6
030328	3	31	30	158	.1	37	16	878	4.02	49	5	ND	19	282	.4	12	2	34	2.32	.093	50	44	.82	369	.01	2	.47	.01	.15	1	5
030329	3	33	115	211	.6	35	16	925	4.12	37	5	ND	21	354	1.1	12	2	28	2.17	.095	53	42	.87	79	.01	3	.42	.01	.15	1	5
030330	3	36	138	322	.7	53	17	787	4.18	41	5	ND	13	323	1.8	13	2	24	1.63	.064	39	30	.75	80	.01	4	.42	.01	.17	1	6
030331	4	37	26	206	.4	41	17	1026	4.66	53	5	ND	15	329	.8	16	2	55	2.85	.069	39	62	1.26	61	.01	4	.70	.01	.18	1	6
030332	3	28	18	102	.3	21	12	904	3.96	516	5	ND	14	402	.4	12	2	18	2.75	.028	28	38	1.22	162	.01	2	.43	.01	.10	1	120
030333	4	26	32	108	.3	22	12	1074	3.93	1213	5	ND	13	465	1.0	17	2	17	3.06	.031	25	45	1.30	138	.01	3	.39	.01	.11	1	320
030334	3	21	22	113	.5	22	12	895	3.44	630	5	ND	10	362	.6	17	2	16	2.85	.069	23	40	1.16	59	.01	2	.37	.01	.15	1	160
030335	3	14	21	96	.1	17	10	678	2.93	167	5	ND	11	207	.2	25	2	31	2.41	.083	27	37	.93	248	.01	2	.52	.01	.12	1	59
030336	3	18	28	165	.2	12	9	602	3.08	53	5	ND	11	146	.6	15	2	34	2.21	.083	29	41	.91	253	.01	2	.64	.01	.12	1	17
030337	3	16	44	230	.2	14	10	745	3.05	302	5	ND	10	199	1.2	12	2	24	2.67	.072	27	39	.98	94	.01	2	.49	.01	.12	1	70
030338	2	14	52	119	.1	16	11	754	2.99	239	5	ND	9	265	.3	10	2	29	2.72	.036	19	31	1.04	358	.01	2	.48	.01	.12	1	73
030339	3	16	29	110	.3	18	12	749	3.05	122	5	ND	8	239	.3	10	2	35	2.57	.029	19	43	.98	562	.01	5	.61	.01	.11	1	63
030340	2	13	33	115	.4	20	11	784	2.96	447	5	ND	9	324	.2	22	2	19	3.03	.049	18	30	1.08	123	.01	4	.57	.01	.16	1	160
030341	5	30	21	189	.2	62	15	416	2.85	107	5	ND	8	213	.5	17	2	25	1.55	.049	25	22	.70	65	.01	8	.54	.01	.20	1	33
030342	6	36	21	365	.2	70	16	313	3.31	63	5	ND	6	145	2.7	9	2	38	.76	.035	27	31	.64	88	.01	4	.53	.01	.20	1	12
030343	7	40	22	357	.2	80	16	268	3.53	51	5	ND	4	160	2.5	9	2	42	.72	.035	23	30	.63	39	.01	4	.60	.02	.23	1	12
030344	7	30	23	262	.4	60	12	343	2.84	674	5	ND	5	187	1.4	18	3	41	1.68	.031	18	24	.77	35	.01	6	.55	.01	.21	1	130
030345	3	14	30	103	.2	14	8	731	3.06	965	5	2	10	319	.4	18	2	33	3.68	.027	19	29	1.42	132	.01	3	.50	.01	.11	1	1480
030346	2	17	33	101	.2	12	9	675	3.16	526	5	ND	14	215	.4	18	2	54	2.91	.063	37	26	1.22	422	.01	2	.56	.01	.08	1	1040
030347	3	16	37	130	.1	16	10	440	2.52	103	5	ND	16	92	.4	21	2	51	1.49	.096	50	31	.64	260	.01	2	1.16	.01	.14	1	72
030348	2	15	27	102	.2	12	8	516	2.79	65	5	ND	15	141	.2	22	2	59	2.16	.091	45	28	.84	423	.09	2	1.23	.02	.32	1	57
030349	3	22	8	47	.1	17	7	344	2.19	12	5	ND	5	63	.2	3	2	41	1.25	.056	12	50	.75	331	.12	2	1.33	.07	.15	1	14
030350	2	13	26	87	.4	11	8	1001	2.79	906	5	2	12	276	.3	23	2	51	4.07	.064	30	32	1.48	166	.03	2	.85	.01	.20	1	2450
030351	2	12	26	89	.3	11	8	968	3.30	782	5	2	10	186	.3	18	2	48	2.65	.018	22	30	1.08	188	.01	3	.52	.01	.07	1	2070
030352	2	13	30	90	.3	10	8	1109	3.21	800	5	2	10	232	.5	20	2	51	3.66	.022	24	29	1.44	213	.01	2	.46	.01	.06	1	2410
030353	3	14	65	290	.7	9	8	795	3.26	90	5	ND	11	271	2.4	13	2	19	3.06	.087	24	27	.99	75	.01	4	.58	.01	.18	1	120
030354	3	15	31	376	.6	9	8	632	3.20	148	5	ND	9	394	3.4	11	3	22	3.23	.087	19	33	1.07	48	.01	3	.57	.01	.16	1	93
030355	3	21	23	199	.5	16	10	687	3.68	178	5	ND	14	429	1.7	15	2	23	3.23	.082	38	41	1.32	46	.01	2	.45	.01	.16	1	130
030356	2	9	39	128	.3	10	8	685	2.99	55	5	ND	10	245	.5	18	2	22	2.59	.076	19	24	.79	80	.01	3	.67	.01	.18	1	47
030357	2	9	21	90	.1	10	8	657	2.93	64	5	ND	9	299	.4	12	2	18	3.06	.073	21	16	.74	204	.01	2	.55	.01	.15	1	82
STANDARD C/AU-R	18	57	41	132	7.3	71	32	1047	3.97	38	19	6	40	52	18.9	14	21	56	.48	.090	39	58	.88	177	.09	36	1.88	.06	.15	12	490

S. GOLDEN BCRC 91-501

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 27 1991 DATE REPORT MAILED: July 2/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

S. GOLDEN BCRC 91-501

S. GOLDEN BCRC 91-502

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
030358	9	30	20	327	.2	64	12	295	2.98	70	5	ND	3	174	2.7	18	2	34	1.22	.045	10	21	.54	17	.01	6	.61	.01	.20	1	61
030359	12	40	14	423	.4	73	14	161	2.62	52	5	ND	5	154	4.1	13	2	41	.59	.068	15	36	.23	22	.01	8	.46	.01	.19	1	43
030360	8	38	16	296	.3	84	16	182	3.91	80	5	ND	5	126	1.7	16	2	29	.65	.042	14	22	.29	14	.01	9	.48	.01	.21	1	24
030361	24	44	12	647	.9	61	6	178	1.53	34	5	ND	3	243	8.2	13	2	109	1.00	.132	8	58	.41	33	.01	9	.44	.01	.14	1	17
030362	4	34	45	205	.1	47	18	917	4.73	160	5	ND	21	185	1.3	64	2	32	.93	.047	50	50	.37	1078	.01	3	.48	.01	.10	1	28
030363	3	34	50	228	.1	43	19	1181	4.84	117	5	ND	22	218	1.1	35	2	29	1.53	.052	53	40	.46	1190	.01	3	.50	.01	.09	1	10
030364	4	30	41	193	.1	43	17	837	3.42	353	5	ND	13	104	.8	20	2	30	.18	.035	36	38	.08	901	.01	9	.65	.01	.15	1	35
030365	3	19	30	141	.2	30	15	1091	3.51	990	5	ND	9	145	.6	32	2	23	1.38	.019	20	39	.30	405	.01	5	.48	.01	.13	1	280
030366	3	19	46	191	.2	27	15	1129	3.85	232	5	ND	9	105	.7	32	2	31	1.01	.023	20	42	.34	427	.01	4	.50	.01	.12	1	42
030367	3	14	53	192	.2	25	14	1207	3.37	113	5	ND	10	114	.6	38	2	30	1.79	.020	22	45	.30	424	.01	4	.52	.01	.12	1	11
030368	3	13	38	178	.1	32	18	1463	3.20	229	5	ND	11	102	.5	56	2	31	.93	.026	23	38	.28	565	.01	3	.44	.01	.10	1	13
030369	3	20	33	210	.2	39	20	959	3.52	419	5	ND	13	171	.6	31	2	35	1.69	.031	23	36	.60	705	.01	3	.57	.01	.12	1	51
030370	4	15	28	161	.3	25	13	928	3.30	689	5	ND	15	172	.8	32	2	48	2.64	.061	35	36	1.00	482	.01	2	.48	.01	.07	1	1290
030371	4	12	33	152	.1	22	13	782	3.16	372	5	ND	18	140	.9	27	2	57	2.66	.080	44	38	.87	806	.03	2	.80	.01	.19	1	850
030372	4	14	34	112	.1	12	9	544	2.90	261	5	ND	19	126	.9	22	2	62	2.60	.094	49	46	.63	1183	.07	2	1.48	.02	.36	1	730
030373	4	13	23	101	.2	11	8	664	3.04	143	5	ND	18	128	.7	34	2	60	2.71	.090	58	40	.74	788	.06	2	1.35	.01	.33	1	54
030374	5	11	35	110	.2	12	8	627	3.23	199	5	ND	18	161	.6	34	2	60	2.75	.093	46	41	.94	588	.05	2	1.22	.01	.29	1	240
030375	4	12	25	87	.2	12	8	613	2.66	116	5	ND	17	129	.6	22	2	52	2.54	.089	51	40	1.00	547	.01	2	.68	.01	.12	1	110
030376	4	12	20	97	.1	12	8	566	2.87	66	5	ND	19	92	.5	28	2	62	2.20	.101	54	37	1.00	1146	.01	2	.85	.01	.15	1	15
030377	4	16	27	99	.2	11	8	688	2.94	55	5	ND	18	170	.6	24	2	54	2.86	.089	59	43	1.21	981	.01	2	.64	.01	.11	1	16
030378	5	13	32	99	.3	11	8	805	3.49	988	5	2	13	167	.5	32	2	44	2.53	.037	28	45	1.07	191	.01	3	.51	.01	.09	1	2300
030379	6	10	33	107	.2	12	9	723	3.30	444	5	ND	13	129	.6	34	2	44	1.38	.031	27	53	.71	565	.01	2	.47	.01	.08	1	790
030380	4	8	29	93	.1	10	8	795	3.61	90	5	ND	12	146	.7	23	2	49	1.73	.041	24	39	.94	627	.01	2	.51	.01	.06	1	73
030381	4	20	7	54	.1	18	7	388	2.33	16	5	ND	6	72	.4	5	2	36	1.04	.050	12	62	.66	266	.11	2	1.17	.05	.14	1	14
030382	3	8	38	159	.2	11	9	851	3.20	426	5	ND	11	297	.9	27	2	30	2.80	.040	24	25	1.04	753	.01	2	.48	.01	.11	1	140
030383	2	7	28	126	.2	10	8	773	3.30	97	5	ND	11	235	1.2	19	3	28	2.60	.039	18	22	1.07	392	.01	2	.44	.01	.09	1	34
030384	3	11	46	137	.4	12	9	855	3.36	112	5	ND	12	244	1.2	31	2	21	2.71	.044	20	24	1.03	209	.01	2	.50	.01	.13	1	73
030385	3	9	23	107	.3	11	9	752	3.00	60	5	ND	12	165	.7	21	2	21	2.30	.082	25	24	.64	191	.01	2	.72	.01	.16	1	33
030386	3	18	19	279	.4	17	8	573	2.85	103	5	ND	11	221	2.9	18	2	39	2.63	.077	25	30	.97	149	.02	3	.55	.01	.18	1	38
030387	4	14	16	147	.2	12	8	564	2.94	100	5	ND	12	171	1.2	15	2	55	2.16	.080	27	50	.90	544	.11	3	1.23	.02	.40	1	110
030388	3	16	18	294	.7	11	8	566	3.04	129	5	ND	12	170	2.9	15	2	57	2.24	.085	26	47	.98	305	.12	2	1.36	.03	.45	1	47
030389	4	14	18	137	.4	11	8	602	3.10	80	5	ND	12	173	1.1	9	2	64	2.31	.087	29	64	1.15	604	.13	2	1.46	.03	.49	1	80
030390	6	29	18	226	.4	43	11	423	2.86	123	5	ND	9	233	1.5	13	2	44	1.44	.055	22	31	.71	78	.03	6	.72	.01	.29	1	43
030391	10	39	15	341	.2	77	14	213	2.90	52	5	ND	4	153	2.5	10	2	40	.81	.034	16	18	.47	19	.01	8	.63	.02	.25	1	23
030392	9	39	15	350	.2	72	16	140	2.56	47	5	ND	5	110	2.4	9	2	28	.54	.027	20	12	.25	21	.01	8	.51	.01	.24	1	11
030393	9	37	15	341	.2	77	15	133	3.17	38	5	ND	2	87	2.3	9	2	33	.68	.026	11	18	.32	14	.01	8	.72	.02	.27	1	7
STANDARD C/AU-R	18	61	36	133	7.2	70	33	1043	3.92	38	18	7	40	52	18.6	15	18	56	.48	.091	38	57	.88	174	.09	37	1.89	.06	.15	11	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
030394 BCRC 91-502	12	36	14	381	.4	74	12	136	2.48	49	5	ND	1	96	3.2	10	2	65	.66	.043	8	27	.31	21	.01	9	.82	.02	.22	1	12
030395	9	36	16	332	.5	68	13	227	3.00	95	5	ND	2	107	2.4	13	2	63	.81	.056	9	26	.38	19	.01	10	.85	.02	.23	1	24
030396	8	12	39	354	.3	44	13	524	4.01	884	5	ND	15	85	.2	162	2	25	.47	.103	41	34	.10	973	.01	6	.50	.01	.12	1	170
030397	6	13	22	379	.1	55	12	547	3.59	141	5	ND	17	83	.2	75	2	82	.94	.113	44	66	.97	598	.10	5	1.41	.03	.34	1	29
030398	4	26	17	180	.2	27	11	591	3.34	26	5	ND	15	130	.2	17	2	92	1.79	.102	41	72	1.41	655	.14	2	1.68	.05	.44	1	12
030399	6	15	22	356	.2	50	11	617	3.32	398	5	ND	17	70	.2	148	3	79	.83	.113	46	63	.89	922	.14	4	1.36	.04	.43	1	440
030400	4	14	17	191	.1	24	10	547	3.30	32	5	ND	14	115	.2	21	3	94	1.67	.102	37	74	1.39	656	.20	2	1.68	.06	.58	1	13
030401	6	14	25	212	.1	30	10	567	3.34	34	5	ND	15	105	.2	33	2	96	1.20	.102	42	87	1.34	876	.30	2	1.77	.09	.61	1	21
030402	5	16	24	201	.1	29	10	619	3.27	128	5	ND	14	86	.2	71	2	85	1.03	.101	38	76	1.21	815	.21	4	1.64	.06	.39	1	45
030403	6	15	36	177	.2	29	11	781	3.17	91	5	ND	15	87	.2	71	2	84	1.35	.101	40	76	1.20	615	.24	3	1.60	.06	.32	1	36
030404	4	13	36	169	.1	26	10	642	3.13	67	5	ND	14	80	.2	38	2	80	1.36	.102	39	64	1.13	409	.19	2	1.57	.05	.24	1	28
030405	5	51	38	238	.3	42	11	924	3.22	699	5	2	15	104	.2	148	2	74	1.69	.103	41	55	1.01	724	.15	3	1.39	.04	.31	1	1850
030406	4	14	24	147	.1	22	10	613	3.08	367	5	ND	14	131	.2	65	2	77	1.92	.096	39	68	1.18	530	.14	4	1.49	.04	.34	1	680
030407	6	18	24	311	.1	69	13	2045	3.33	143	5	ND	14	99	.2	175	2	79	1.20	.100	42	73	1.27	1190	.11	5	1.74	.04	.35	1	54
030408	4	14	17	249	.1	46	13	1377	3.22	89	5	ND	16	84	.2	93	2	86	.66	.098	45	61	1.30	2485	.19	2	1.89	.05	.54	1	34
030409	4	12	17	138	.1	19	9	730	3.02	37	5	ND	13	100	.2	31	2	88	1.36	.088	34	67	1.26	1548	.24	6	1.72	.06	.58	1	16
030410	4	14	27	163	.2	27	10	795	3.01	305	5	ND	14	103	.2	35	4	79	1.59	.096	39	69	1.26	397	.14	2	1.75	.04	.44	1	18
030411	3	13	27	126	.1	17	9	688	2.91	48	5	ND	13	108	.2	35	2	80	1.67	.094	37	58	1.19	1815	.18	2	1.77	.04	.51	1	16
030412	3	10	17	118	.1	15	9	602	2.87	38	5	ND	13	146	.2	32	2	70	2.50	.092	33	53	1.11	511	.12	2	1.56	.03	.38	1	13
030413	3	13	20	114	.1	16	8	611	2.90	50	5	ND	13	118	.2	29	2	75	2.11	.085	35	54	1.10	1011	.16	2	1.53	.04	.25	1	24
030414	3	11	25	94	.1	12	8	520	2.80	36	5	ND	13	163	.2	17	3	68	2.27	.089	36	52	1.17	1126	.07	2	1.63	.03	.26	1	13
030415	4	17	32	258	.1	48	13	727	3.99	347	5	ND	19	59	.2	130	2	61	.66	.118	61	49	.56	659	.09	4	1.31	.02	.20	1	55
030416	5	28	39	301	.2	62	17	1116	4.40	181	7	ND	22	70	.3	100	2	37	1.19	.137	84	44	.18	347	.01	2	.79	.01	.16	1	29
030417	4	17	56	348	.1	61	14	1149	3.74	147	5	ND	19	116	.2	74	2	50	1.28	.119	65	46	.58	612	.04	3	1.12	.02	.25	1	19
030418	4	11	32	280	.2	42	11	719	3.65	149	5	ND	17	93	.5	55	2	56	1.11	.107	53	50	.73	361	.03	5	1.27	.03	.20	1	17
030419	3	5	20	212	.1	28	10	595	3.42	62	5	ND	15	66	.4	26	2	60	.87	.093	40	47	.86	253	.02	2	1.42	.03	.14	1	8
030420	3	6	24	294	.1	38	10	431	3.77	117	5	ND	15	50	.2	46	2	60	.62	.097	42	43	.87	250	.01	5	1.54	.03	.13	1	7
030421	5	5	33	464	.2	55	9	301	4.33	281	5	ND	16	39	.2	109	3	46	.44	.109	47	41	.52	274	.01	5	1.22	.02	.16	1	17
030422	13	13	37	378	.3	44	6	122	3.41	316	5	ND	9	117	.2	119	2	43	.23	.073	37	27	.12	1019	.01	7	.71	.01	.22	1	18
030423	19	10	21	131	.4	18	3	52	2.40	123	5	ND	7	127	.2	34	2	61	.11	.047	25	33	.06	1380	.01	12	.61	.01	.22	1	6
030424	10	17	32	150	.6	34	5	74	1.97	158	5	ND	8	135	.2	34	3	43	.10	.056	27	33	.07	1143	.01	10	.53	.01	.22	1	48
030425	11	21	44	193	.8	33	9	377	3.07	880	5	ND	10	98	.7	44	2	29	.32	.087	30	53	.12	310	.01	12	.57	.01	.26	1	160
030426	6	10	18	512	.1	70	14	940	3.58	149	5	ND	15	151	.5	30	2	22	1.63	.100	38	35	.43	324	.01	7	.73	.02	.20	1	27
030427	11	7	36	827	.1	59	12	567	4.20	660	5	ND	16	44	.6	54	2	30	.43	.119	47	33	.12	320	.01	6	.80	.01	.21	1	170
030428	9	8	27	432	.3	30	12	899	3.83	1065	5	ND	15	109	.2	33	2	22	.85	.103	40	23	.19	375	.01	8	.57	.01	.18	1	190
030429	12	8	39	412	.1	34	12	663	4.12	1475	5	ND	15	118	.6	51	2	21	.37	.069	44	28	.08	812	.01	9	.59	.01	.16	1	290
STANDARD C/AU-R	18	56	38	133	6.9	66	33	1041	3.88	38	21	7	40	52	18.4	18	19	55	.48	.090	38	58	.84	175	.09	33	1.85	.07	.15	11	460

GOLDEN BCRC 91-503

GOLDEN BCRC 91-504

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
030430	7	7	66	288	.5	21	9	802	3.98	1611	5	ND	10	299	.9	55	2	14	1.66	.035	24	26	.61	58	.01	11	.52	.01	.15	1	280
030431	6	14	114	275	1.1	44	11	535	3.37	1680	5	ND	7	240	2.1	47	2	20	1.54	.047	19	25	.60	30	.01	10	.52	.01	.18	1	530
030432	9	43	40	406	1.3	81	17	415	3.59	1828	5	ND	8	263	2.3	31	2	44	1.38	.034	25	42	.62	31	.01	10	.62	.01	.21	1	510
030433	10	136	32	320	1.2	82	13	362	3.20	1512	5	ND	8	235	2.2	32	4	43	1.31	.038	23	37	.56	39	.01	7	.51	.01	.17	1	440
030434	9	32	34	270	1.0	57	9	448	2.85	1064	5	ND	10	237	1.8	30	2	45	1.23	.056	25	48	.53	61	.01	8	.65	.01	.17	1	330
030435	8	52	18	374	.6	68	12	260	3.16	222	5	ND	6	227	2.2	16	2	47	.88	.042	20	38	.65	39	.01	7	.59	.01	.18	1	35
030436	10	38	21	274	.4	68	12	239	3.39	83	5	ND	5	180	1.8	8	2	38	1.03	.051	15	35	.49	23	.01	7	.53	.01	.18	1	9
030437	6	35	24	307	.3	30	8	392	2.37	91	5	ND	7	234	3.1	9	2	38	1.89	.047	20	26	.80	74	.01	6	.46	.01	.14	1	15
030438	12	34	17	348	.4	67	12	103	2.48	53	5	ND	3	99	2.0	7	2	55	.47	.032	10	43	.24	25	.01	10	.54	.01	.19	1	6
030439	6	33	19	262	.3	60	15	202	2.68	59	5	ND	6	162	1.2	6	3	35	.86	.033	21	27	.44	27	.01	19	.61	.01	.23	1	1
030440	16	42	19	395	.7	99	12	156	3.12	81	5	ND	4	119	3.3	8	2	56	.75	.030	10	37	.39	19	.01	11	.53	.01	.18	1	8
030441	17	47	18	395	.8	67	8	161	2.20	73	5	ND	3	157	3.8	9	2	76	1.07	.059	7	40	.56	32	.01	8	.46	.01	.14	1	7
030442	8	41	22	332	.5	78	14	179	3.00	75	5	ND	5	73	2.4	8	2	46	.78	.024	16	27	.34	26	.01	9	.53	.01	.18	1	7
STANDARD C/AU-R	17	59	41	132	6.9	69	32	1038	3.92	38	19	7	40	52	18.9	16	19	56	.47	.090	38	58	.86	175	.09	32	1.91	.07	.14	11	540

BCRC 91-504

JUL-02-1991 12:36 FROM ACME ANALYTICAL TO NORANDA Y1 P.002

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-016 330 File # 91-2138 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
130443	7	29	20	244	.3	75	13	596	4.03	226	6	ND	12	71	1.1	30	2	68	.36	.084	35	1	.54	1604	.02	2	1.79	.02	.16	1	82
130444	7	18	20	223	.3	69	15	843	4.20	199	6	ND	13	77	.7	28	2	66	.44	.093	43	1	.57	1745	.01	3	1.96	.02	.16	1	65
130445	7	19	20	228	.1	46	13	706	4.68	136	5	ND	12	77	.3	35	2	59	.22	.069	38	1	.14	1408	.01	3	1.06	.01	.09	1	19
130446	7	18	31	260	.2	50	12	527	4.98	203	7	ND	12	87	.3	58	2	62	.16	.056	34	14	.08	1095	.01	2	.83	.01	.06	1	13
130447	9	14	26	305	.1	62	12	410	4.89	226	8	ND	15	86	.3	77	2	62	.16	.061	36	23	.04	804	.01	2	.69	.01	.05	1	11
130448	8	11	22	269	.1	59	13	422	4.20	330	6	ND	15	48	.2	75	3	67	.40	.112	58	27	.11	559	.01	2	1.03	.01	.11	1	13
130449	12	15	20	284	.2	87	14	978	5.22	308	8	ND	12	60	.2	108	2	41	.27	.100	51	1	.05	2641	.01	7	.69	.01	.14	1	8
130450	13	25	14	195	.2	108	15	1851	3.47	247	5	ND	8	80	.2	66	2	45	.15	.059	37	1	.05	2535	.01	6	.65	.01	.21	1	15
130451	20	54	11	267	.4	106	27	2484	5.39	570	6	ND	10	59	.3	111	2	37	.24	.082	43	1	.04	3068	.01	6	.60	.01	.23	1	9
130452	5	11	19	184	.2	62	16	533	3.98	144	7	ND	12	43	.2	46	2	53	.34	.099	41	20	.64	986	.01	4	1.51	.02	.15	1	17
130453	6	12	23	207	.2	61	15	681	4.40	156	6	ND	12	52	.2	58	2	55	.38	.096	43	19	.64	794	.01	2	1.59	.01	.14	1	9
130454	4	7	26	179	.1	51	14	476	4.30	52	5	ND	13	42	.2	24	2	59	.42	.100	43	31	.88	466	.01	2	1.68	.02	.14	1	9
130455	5	10	25	215	.2	62	12	664	4.85	140	7	ND	14	33	.2	27	2	50	.40	.106	50	23	.15	431	.01	2	.90	.01	.15	1	13
130456	3	9	18	159	.2	29	11	698	4.11	72	5	ND	12	131	.2	14	2	56	1.78	.094	34	17	.82	859	.01	2	1.40	.02	.13	1	17
130457	3	15	43	271	.8	34	13	685	4.61	124	5	ND	12	82	1.0	13	2	57	.77	.100	42	10	.49	1028	.01	2	1.43	.02	.15	1	10
130458	12	22	22	316	.3	47	9	472	3.53	182	5	ND	8	121	.5	9	2	76	.25	.075	32	22	.10	509	.01	10	.83	.01	.24	1	12
130459	11	30	18	66	.6	33	6	117	2.04	61	5	ND	3	295	.2	6	2	128	.38	.236	12	61	.06	30	.01	20	.88	.01	.24	1	5
130460	27	43	11	167	1.0	44	4	112	2.20	325	5	ND	2	482	.5	12	2	421	.20	.527	15	115	.04	469	.02	13	1.09	.01	.15	1	8
130461	13	52	16	320	.5	90	15	125	2.49	105	6	ND	4	219	8.1	4	2	102	.13	.076	22	42	.11	38	.01	11	.83	.01	.20	1	3
130462	7	22	17	467	.2	35	10	522	4.39	685	5	ND	11	129	2.9	24	4	47	.10	.067	36	12	.09	994	.01	3	.78	.01	.16	1	65
130463	8	21	27	382	.6	32	10	401	4.45	1330	7	ND	12	139	2.7	22	5	23	.08	.058	41	4	.04	1333	.01	4	.69	.01	.17	1	1060
130464	7	13	33	228	.4	34	12	846	4.77	974	9	ND	12	127	1.6	19	2	38	.07	.047	38	8	.04	1253	.01	5	.88	.01	.14	1	290
130465	6	15	30	177	.1	30	13	926	5.33	509	5	ND	12	119	.5	14	3	52	.20	.050	29	12	.05	1046	.01	3	.72	.01	.08	1	39
130466	7	13	34	208	.2	40	12	666	4.77	600	7	ND	13	125	1.0	23	2	42	.12	.053	32	4	.04	1125	.01	3	.65	.01	.09	1	350
130467	3	8	27	125	.1	16	10	773	4.18	187	5	ND	11	106	.3	9	2	46	.99	.045	24	11	.24	687	.01	2	.69	.01	.07	1	51
130468	7	8	33	226	.2	43	12	605	4.26	282	5	ND	12	110	1.0	24	2	37	.70	.072	39	1	.07	1300	.01	3	.75	.01	.14	1	38
130469	10	13	39	237	.4	51	14	900	4.83	500	6	ND	13	124	.9	31	3	22	.15	.060	45	11	.06	1177	.01	6	.88	.01	.21	1	63
130470	8	12	32	233	.4	51	12	878	3.89	308	6	ND	13	83	.8	34	2	19	.49	.085	44	4	.08	1031	.01	5	.64	.01	.18	1	50
130471	8	8	109	306	.4	62	15	1312	4.17	187	6	ND	12	43	.5	38	2	30	.40	.109	49	15	.08	533	.01	3	.77	.01	.18	1	18
130472	9	11	42	439	.4	59	19	1159	5.44	495	5	ND	14	109	1.4	39	2	30	.46	.096	52	1	.06	1068	.01	4	.82	.01	.18	1	36
130473	8	10	39	333	.4	43	12	578	4.91	1073	6	ND	12	156	1.3	25	3	21	.26	.088	47	1	.05	1543	.01	6	.77	.01	.17	1	300
130474	6	15	23	324	.2	37	11	690	4.47	223	5	ND	10	149	1.1	9	2	18	.66	.050	42	1	.20	1286	.01	5	.87	.01	.20	1	18
130475	11	27	30	266	.4	32	7	274	2.95	252	5	ND	7	117	1.0	9	2	49	.18	.046	34	1	.07	1320	.01	9	.68	.01	.20	1	11
130476	9	22	31	61	.5	11	3	63	1.35	63	5	ND	4	140	.2	3	2	84	.10	.048	24	7	.06	1412	.01	11	.69	.01	.23	1	6
130477	18	38	28	418	1.1	54	7	178	2.88	247	5	ND	6	254	1.9	8	2	165	.31	.134	23	21	.14	1377	.01	7	.67	.01	.16	1	18
130478	18	65	18	472	.7	83	12	157	3.23	214	5	ND	4	174	6.6	5	2	157	.34	.110	20	40	.16	52	.01	9	.88	.02	.29	1	11
STANDARD C/AU-R	17	56	38	131	6.9	70	32	1029	3.94	38	19	8	38	51	18.7	14	19	56	.48	.090	38	58	.68	175	.09	32	1.88	.06	.15	11	490

GOLDEN BCRC 91-505

GOLDEN BCRC 91-506

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 28 1991 DATE REPORT MAILED: July 3/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUL-03-1991 15:51 FROM ACME ANALYTICAL TO NORANDA YT P.002

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-016 330 FILE # 91-2138

ACME ANALYTICAL

JUL-03-1991 15:52 FROM ACME ANALYTICAL TO NORANDA YT P.003

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
030479 BCRC 91-506	13	55	21	511	.6	88	16	332	3.85	202	5	ND	8	141	3.2	17	2	103	.28	.087	30	26	.29	92	.01	10	.72	.02	.23	1	22
030480	6	42	20	681	.3	93	20	406	3.66	63	5	ND	8	128	3.1	12	2	51	.43	.059	29	13	.49	45	.01	10	.74	.02	.29	1	9
030481	13	45	40	474	.6	74	15	749	4.52	646	5	ND	12	175	2.9	258	2	94	.39	.086	37	39	.22	272	.01	9	.89	.01	.17	1	510
030482	8	67	19	209	.3	39	6	36	2.69	39	5	ND	8	109	2.6	12	2	61	.15	.050	34	16	.06	1145	.01	11	.75	.02	.26	1	13
030483	14	49	36	507	.6	75	15	771	4.65	493	5	ND	14	200	3.4	147	2	112	.82	.101	39	59	.39	136	.01	16	1.51	.03	.32	1	250
030484	16	50	40	546	.6	83	16	692	4.68	522	5	ND	12	186	3.5	178	2	109	.53	.096	38	61	.30	130	.01	14	1.32	.03	.31	1	330
030485	8	23	41	276	.4	38	12	726	4.04	512	5	ND	14	131	1.7	107	2	67	.34	.097	40	49	.12	1090	.01	9	.91	.01	.18	1	240
030486	7	16	49	244	.4	35	11	668	3.92	523	5	ND	12	118	1.1	56	2	31	.19	.057	38	30	.07	1033	.01	7	.70	.01	.15	1	120
030487	7	12	45	291	.6	48	15	1129	4.26	472	5	ND	13	131	1.2	76	2	28	.11	.060	43	21	.07	1266	.01	10	.72	.01	.15	1	76
030488	10	16	40	301	.6	47	11	690	3.68	405	5	ND	12	174	1.5	85	2	56	.12	.075	41	35	.06	1792	.01	8	.72	.01	.17	1	100
030489	11	24	25	196	.9	38	6	293	2.65	260	5	ND	9	294	1.3	42	2	206	.29	.176	28	56	.05	2499	.01	12	.80	.01	.17	1	49
030490	9	80	21	103	.4	25	3	58	1.71	57	5	ND	8	181	2.3	15	2	85	.19	.081	35	27	.06	1025	.01	10	.75	.02	.25	1	10
030491	14	33	34	368	.5	55	13	806	4.64	426	5	ND	15	148	2.0	127	4	105	.30	.099	40	81	.13	1034	.01	9	1.13	.02	.20	1	130
030492	17	28	24	207	.4	26	4	24	2.93	62	5	ND	8	116	1.6	19	2	96	.14	.055	33	22	.07	1269	.01	12	.84	.02	.30	1	12
030493 GOLDEN BCRC 91-507	19	18	19	128	1.2	28	3	45	1.92	91	5	ND	5	396	2.1	17	2	229	.19	.189	20	89	.07	1853	.01	20	1.12	.02	.30	1	10
030494	24	38	15	229	2.0	57	4	115	2.61	152	6	ND	3	390	2.4	26	2	492	.21	.207	11	82	.05	2469	.01	14	.76	.01	.18	1	11
030495	20	98	35	329	1.2	62	10	405	4.45	125	5	ND	17	361	3.0	14	2	190	.49	.161	45	82	.24	1106	.01	12	1.14	.01	.29	1	7
030496	10	65	37	420	.2	65	16	713	4.57	146	5	ND	27	532	3.5	10	2	34	1.90	.095	55	36	.90	1721	.01	6	.78	.01	.17	1	12
030497	20	98	46	640	.2	119	24	478	6.09	363	5	ND	26	288	4.2	20	2	35	.74	.107	60	42	.35	329	.01	8	1.05	.01	.21	1	12
030498	9	54	23	489	.1	99	23	306	3.78	107	5	ND	9	149	3.9	12	4	39	.40	.055	32	14	.45	54	.01	8	.66	.01	.27	1	6
030499	10	50	25	678	.4	100	21	319	3.54	135	5	ND	7	127	4.2	20	2	46	.42	.049	25	13	.37	36	.01	6	.60	.01	.24	1	33
030500	8	38	16	394	.3	82	17	222	3.18	35	5	ND	4	105	2.1	8	6	42	.35	.028	13	17	.49	56	.01	7	.54	.01	.23	1	6
030501	9	48	19	414	.2	89	20	247	3.44	57	5	ND	6	212	2.7	9	2	49	.79	.041	21	15	.61	33	.01	9	.68	.02	.28	1	6
030502	7	24	86	343	2.6	35	11	1390	3.75	1939	5	3	13	115	2.4	4687	2	43	.11	.041	41	51	.04	995	.01	4	.57	.01	.08	2	3050
030503	8	29	78	348	1.7	48	15	1526	4.22	2260	5	2	15	132	2.2	1813	2	58	.23	.056	44	43	.09	1116	.01	6	.74	.01	.09	2	2660
030504	5	24	68	224	2.1	31	13	1290	4.10	4528	5	6	17	164	2.0	1444	2	52	.18	.048	43	44	.04	1094	.01	5	.67	.01	.08	1	5820
030505	6	19	47	153	2.0	22	11	1345	4.05	5358	5	7	14	161	1.0	1979	2	35	.22	.049	41	61	.04	1051	.01	7	.62	.01	.10	2	6040
030506	4	20	51	204	1.7	26	10	1263	3.94	4838	5	6	12	135	1.7	1754	2	28	.22	.042	40	33	.04	903	.01	5	.52	.01	.13	2	5620
030507	4	11	47	210	1.0	23	9	815	3.59	3017	5	2	11	116	1.4	938	2	31	.13	.037	37	32	.03	739	.01	5	.59	.01	.11	1	2650
030508 GOLDEN BCRC 91-508	4	9	47	214	.9	27	9	770	3.73	2993	5	2	11	111	1.2	561	2	36	.17	.029	28	34	.04	784	.01	5	.57	.01	.10	1	2610
030509	14	34	29	283	.5	44	7	256	3.10	623	5	ND	8	126	1.6	118	2	77	.21	.060	32	22	.06	1391	.01	8	.64	.01	.23	1	440
030510	9	22	49	258	1.2	35	8	738	3.50	2416	5	ND	9	156	2.0	583	2	106	.16	.065	24	47	.04	1544	.01	8	.63	.01	.14	1	2740
030511	9	39	27	291	.2	45	8	246	2.80	208	5	ND	10	150	1.9	42	4	63	.50	.061	48	20	.07	1174	.01	9	.64	.01	.25	1	100
030512	15	35	21	271	.6	37	4	127	2.55	211	5	ND	6	278	1.6	40	2	179	.26	.167	22	58	.05	1803	.01	11	.69	.01	.21	1	94
030513	22	99	19	376	2.0	61	8	249	3.31	225	6	ND	4	470	2.8	38	3	542	.16	.263	15	105	.05	4132	.01	14	1.02	.01	.21	1	30
030514	15	75	36	710	.2	106	16	375	5.06	142	5	ND	23	145	4.1	24	2	74	.31	.130	74	31	.06	1004	.01	10	.75	.01	.26	1	13
STANDARD C/AU-R	19	59	39	132	7.1	70	32	1070	3.96	39	22	6	40	53	18.0	15	19	59	.48	.090	39	57	.88	175	.09	33	1.93	.07	.15	11	520

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-016 330 FILE # 91-2138

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
030551	13	38	17	341	.1	90	13	155	2.53	54	5	ND	1	165	2.2	4	2	84	.95	.068	9	23	.46	25	.01	11	.68	.01	.22	1	10
030552	12	40	17	358	.3	89	13	183	2.80	58	5	ND	1	146	2.5	8	2	67	.90	.043	10	25	.43	21	.01	9	.65	.01	.22	1	8
030553	13	44	14	382	.6	84	13	197	2.74	45	5	ND	1	198	3.0	6	2	107	1.74	.067	9	36	.90	17	.01	14	.95	.02	.30	1	7
030554	12	41	16	612	.3	73	11	135	2.31	47	5	ND	1	139	5.7	10	2	85	.66	.038	8	26	.35	17	.01	10	.69	.01	.22	1	11
030555	15	48	14	513	.5	99	17	146	3.31	57	7	ND	1	152	4.2	8	2	86	.71	.068	10	36	.34	17	.01	11	.75	.01	.26	1	7
030556	15	17	35	405	.1	84	20	1052	5.70	469	5	ND	17	113	.6	94	2	62	.11	.071	42	41	.06	1276	.01	6	.71	.01	.09	1	49
030557	8	19	37	272	.1	56	17	799	4.58	217	5	ND	24	179	.4	33	2	85	.17	.122	62	42	.04	1594	.01	2	.78	.01	.07	1	27
030558	11	17	43	424	.2	101	18	1013	5.22	284	5	ND	22	175	.6	84	2	78	.07	.081	50	41	.03	1582	.01	3	.83	.01	.06	1	19
030559	16	21	46	633	.6	97	21	957	5.96	643	5	ND	17	178	1.0	221	2	62	.05	.054	44	37	.03	919	.01	3	.72	.01	.05	1	34
030560	10	16	44	467	.3	68	17	853	5.27	629	5	ND	15	153	.9	119	2	62	.07	.050	38	41	.04	901	.01	4	.69	.01	.06	1	620
030561	14	26	59	553	1.8	103	17	708	6.17	1262	5	ND	16	140	1.0	291	2	66	.09	.053	38	43	.03	873	.01	2	.75	.01	.08	1	2210
030562	18	33	74	550	.8	104	21	1149	5.05	365	5	ND	24	86	1.0	225	2	87	.28	.128	62	54	.05	798	.01	3	.88	.01	.10	1	120
030563	6	17	28	419	.3	99	17	428	4.66	212	5	ND	21	59	.5	164	2	90	.62	.126	55	56	.62	663	.13	6	1.77	.03	.24	1	26
030564	5	17	34	352	.3	92	15	297	4.09	186	5	ND	22	58	.4	103	2	86	.60	.130	47	50	.48	588	.06	4	1.59	.02	.18	1	16
030565	8	19	40	579	.1	97	17	380	5.25	288	5	ND	22	52	.3	192	2	90	.49	.135	59	51	.19	436	.01	2	1.24	.01	.09	1	12
030566	11	18	60	638	.5	88	20	758	5.65	497	5	ND	25	114	.9	244	3	91	.27	.125	72	59	.04	1090	.01	6	1.18	.01	.10	1	19
030567	5	19	44	259	.4	39	16	1169	4.66	661	5	ND	17	172	.8	75	2	59	.83	.077	45	42	.25	834	.01	5	.76	.01	.09	1	570
030568	8	18	36	354	.8	57	17	739	4.68	661	9	ND	18	110	.5	405	2	37	.36	.098	50	35	.07	1094	.01	9	.74	.01	.15	1	140
030569	7	16	17	433	.2	71	21	546	4.86	264	5	ND	13	81	.7	52	2	47	.26	.109	44	28	.07	708	.01	2	.75	.01	.16	1	31
030570	13	29	18	236	.1	39	10	118	2.68	134	8	ND	6	150	1.8	9	2	93	.10	.055	28	36	.07	380	.01	13	.77	.01	.20	1	18
030571	17	43	23	295	.2	58	10	116	2.51	187	5	ND	7	162	4.3	12	2	67	.10	.057	31	26	.06	296	.01	11	.75	.01	.24	1	8
030572	31	60	20	504	.6	74	11	129	3.91	522	7	ND	9	304	3.3	17	2	161	.21	.166	30	41	.07	2185	.01	13	1.03	.01	.23	1	270
030573	33	23	13	298	1.4	43	6	82	2.70	680	9	ND	3	423	4.4	12	2	310	.62	.354	13	62	.05	2397	.01	32	.87	.01	.23	1	14
030574	29	22	14	241	1.1	38	3	47	1.86	342	5	ND	3	264	2.8	12	2	208	.14	.113	14	69	.04	1644	.01	26	.61	.01	.21	1	11
030575	12	16	24	290	.9	64	14	468	5.67	752	5	ND	16	96	2.2	15	2	30	.07	.049	46	49	.05	877	.01	8	.73	.01	.12	1	480
030576	9	16	36	386	.6	84	18	1469	4.75	743	5	ND	17	80	3.6	12	3	25	.07	.033	45	40	.03	763	.01	9	.72	.01	.12	1	350
030577	8	18	38	395	.7	77	16	1184	5.08	274	5	ND	16	87	3.1	17	2	27	.07	.037	49	44	.03	750	.01	6	.71	.01	.11	1	450
030578	9	16	29	437	.7	69	16	1069	4.81	743	5	ND	18	91	2.9	26	2	37	.09	.037	37	45	.03	687	.01	5	.66	.01	.10	1	560
030579	9	19	45	531	.9	85	16	829	5.36	133	5	ND	16	73	3.3	17	2	26	.07	.033	45	26	.03	625	.01	6	.56	.01	.09	1	630
030580	9	16	37	454	.9	67	16	559	4.98	428	5	ND	18	80	2.4	17	2	25	.06	.042	48	30	.04	714	.01	9	.63	.01	.10	1	350
030581	11	22	90	759	.7	82	19	1224	5.30	495	5	ND	18	82	3.6	26	2	27	.05	.046	39	29	.03	655	.01	4	.60	.01	.11	1	120
030582	7	18	45	522	.7	47	13	654	4.82	659	5	ND	20	91	3.0	15	2	24	.06	.044	48	29	.03	810	.01	9	.57	.01	.12	1	320
030583	8	21	47	574	.6	65	16	876	4.94	762	5	ND	18	99	4.2	15	3	21	.06	.049	47	32	.03	826	.01	9	.63	.01	.14	1	390
030584	7	21	39	495	.7	54	18	984	4.68	741	5	ND	20	88	4.8	15	3	20	.06	.043	50	31	.03	908	.01	10	.59	.01	.14	1	420
030585	9	15	31	428	.6	41	12	578	4.21	1120	5	ND	20	92	3.4	15	2	21	.07	.043	49	35	.03	764	.01	13	.55	.01	.14	1	600
030586	11	16	48	1071	.2	69	20	765	4.91	397	5	ND	18	102	2.7	10	2	62	.14	.049	27	48	.05	834	.01	5	.70	.01	.08	1	20
STANDARD C/AU-R	18	56	37	132	7.2	71	32	1045	3.92	37	24	7	40	52	18.7	14	20	56	.48	.090	39	58	.88	178	.09	33	1.86	.06	.15	15	520

GOLDEN BCRC 91-510

GOLDEN BCRC 91-511

GOLDEN BCRC 91-512

JUL-05-1991 13:54 FROM HOWE HAHL TO NORANDA P.005

AMPLE#	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
30587	13	20	42	1055	.1	85	18	921	4.71	702	5	ND	20	113	3.0	11	4	48	.06	.055	44	57	.03	985	.01	10	.79	.01	.14	1	25
30588	22	16	43	1707	.4	110	23	460	6.42	225	5	ND	19	134	1.2	11	3	63	.05	.073	28	49	.03	1182	.01	2	.82	.01	.06	1	14
30589	13	16	43	952	.1	73	23	443	4.16	215	5	ND	18	162	1.7	12	2	58	.05	.074	32	45	.02	1376	.01	2	.93	.01	.06	1	12
30590	8	19	44	568	.3	62	20	1002	3.85	287	5	ND	19	141	1.1	11	3	64	.07	.061	28	56	.05	1997	.01	6	.85	.01	.07	1	15
30591	7	18	33	641	.5	107	24	1733	5.57	1695	5	ND	17	98	1.4	20	2	45	.09	.037	35	56	.04	812	.01	4	.59	.01	.10	1	820
30592	7	29	32	2059	.4	161	37	1662	7.58	809	5	ND	14	87	2.8	14	2	48	.07	.037	27	53	.05	747	.01	6	.83	.01	.10	1	230
30593	12	19	30	135	.6	15	4	84	1.93	148	5	ND	5	139	.5	7	2	136	.13	.050	22	26	.06	1818	.01	21	.75	.01	.23	1	18
30594	11	24	40	236	.6	31	7	237	1.78	167	5	ND	7	197	.8	10	2	97	.19	.067	28	34	.08	2039	.01	24	.89	.01	.28	1	23
30595	21	47	31	370	.2	69	16	216	3.88	155	5	ND	12	130	.4	11	2	73	.08	.073	40	42	.05	2048	.01	15	1.00	.01	.17	1	9
30596	7	19	28	45	.6	18	3	34	.67	24	9	ND	5	155	.3	5	2	83	.18	.056	24	22	.06	1967	.01	23	.73	.01	.25	1	15
30597	10	28	22	73	1.0	24	4	65	.86	58	5	ND	6	221	.5	11	2	131	.22	.088	25	30	.07	2787	.01	26	.87	.01	.26	1	24
30598	11	31	19	38	.5	19	3	20	1.01	34	5	ND	6	117	.2	10	2	106	.14	.042	28	26	.07	234	.01	25	.84	.01	.28	1	8
30599	11	29	26	122	1.5	23	2	11	.49	44	5	ND	2	111	1.1	13342	2	109	.07	.047	16	49	.04	77	.01	28	.67	.01	.19	1	130
30600	11	33	39	195	2.1	36	6	117	2.50	2843	5	11	11	132	4.3	63	2	48	.07	.049	28	65	.02	1095	.01	6	.72	.01	.09	1	11710
30601	11	48	46	231	1.5	83	6	69	2.22	1723	5	4	11	164	2.8	70	2	80	.05	.064	28	70	.02	1387	.01	3	1.02	.01	.09	1	5780
30602	11	22	42	473	.8	55	7	45	3.54	1928	5	ND	21	167	1.9	61	3	65	.06	.083	45	50	.02	1651	.01	9	.91	.01	.11	1	960
30603	17	25	36	1263	.6	124	17	449	5.55	1299	5	ND	20	106	3.6	30	2	52	.06	.079	44	41	.02	1104	.01	11	.82	.01	.10	1	650
30604	18	27	41	1311	.1	103	25	1293	4.57	331	5	ND	21	105	4.8	6	2	55	.05	.062	50	37	.04	1041	.01	6	.95	.01	.11	1	61
30605	15	23	34	1670	.3	121	29	1679	5.29	842	5	ND	22	111	4.4	9	2	65	.06	.065	45	47	.03	1012	.01	5	.97	.01	.11	1	220
30606	18	25	32	932	.4	82	10	169	5.20	1000	5	ND	19	96	2.7	17	2	56	.06	.066	42	37	.02	898	.01	4	.82	.01	.11	1	130
30607	16	30	39	1223	.3	85	14	206	5.29	964	5	ND	18	101	.5	11	2	64	.06	.069	41	35	.02	968	.01	2	.79	.01	.10	1	130
30608	19	12	26	362	1.0	32	5	31	3.16	570	5	ND	10	175	.3	15	3	97	.08	.073	34	37	.05	1297	.01	14	.87	.01	.28	1	550
30609	14	8	21	151	.5	15	3	15	3.25	192	6	ND	9	157	.2	9	5	109	.12	.066	32	25	.07	501	.01	15	.82	.01	.35	1	47
30610	6	3	19	19	.2	10	1	9	1.70	50	5	ND	8	67	.2	5	2	39	.11	.034	44	16	.06	185	.01	16	.69	.01	.43	1	27
30611	12	1	19	25	.1	11	2	10	2.44	84	5	ND	7	110	.2	6	3	70	.13	.052	39	15	.07	102	.01	17	.76	.01	.47	1	11
30612	20	13	14	27	.5	16	1	8	2.06	51	5	ND	7	148	.3	3	2	133	.12	.066	27	36	.06	93	.01	23	.81	.01	.44	1	15
30613	13	29	11	16	.5	13	1	11	.65	21	5	ND	3	97	2.0	2	2	248	.10	.032	11	60	.03	998	.01	11	.40	.01	.13	1	11
30614	16	27	16	37	.4	15	1	12	.87	27	8	ND	3	121	3.2	4	2	307	.10	.035	11	48	.04	819	.01	15	.47	.01	.17	1	7
30615	16	23	15	28	.4	14	2	15	.62	19	12	ND	2	81	2.6	2	2	218	.07	.027	9	96	.03	764	.01	12	.35	.01	.13	1	9
30616	18	21	12	26	.5	12	1	26	.53	19	5	ND	2	75	2.3	2	2	161	.06	.026	9	124	.02	733	.01	11	.31	.01	.10	1	7
30617	15	21	20	36	1.0	12	2	69	.58	34	5	ND	4	82	3.2	44	2	149	.06	.033	10	77	.03	799	.01	11	.35	.01	.13	1	12
30618	24	23	42	66	1.6	23	10	547	.92	148	5	ND	4	110	5.1	18	2	169	.07	.077	12	76	.03	900	.01	11	.39	.01	.13	1	26
30619	26	90	61	649	1.5	149	21	622	5.22	935	5	ND	22	182	8.6	510	2	33	.11	.064	67	35	.07	2323	.01	8	.95	.01	.17	1	950
30620	40	28	45	991	2.8	246	24	806	7.79	1996	5	2	21	157	7.5	525	2	30	.08	.070	64	33	.03	1401	.01	8	.92	.01	.14	1	1660
30621	10	87	25	941	15.1	156	24	408	5.07	233	5	3	1	113	14.8	22397	3	27	.24	.016	19	38	.02	69	.01	6	.57	.01	.08	1	2700
30622	35	90	102	1089	5.7	216	17	198	7.31	2578	5	4	7	158	11.7	9085	12	52	.14	.072	32	41	.03	1119	.01	2	.93	.01	.09	1	8530
STANDARD C/AU-R	21	63	41	133	7.0	72	33	1092	3.99	40	22	7	40	54	19.0	17	21	62	.48	.091	40	58	.89	175	.09	37	1.88	.07	.15	11	540

GOLDEN BCRC 91-512

GOLDEN BCRC 91-513

GOLDEN BCRC 91-514

JUL-03-1991 15:55 FROM ACME ANALYTICAL TO NORANDA YT P.006

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
030623	43	22	32	1145	.3	195	15	357	6.97	765	5	ND	17	47	1.4	488	4	40	.28	.134	51	12	.05	959	.01	2	.76	.01	.17	4	650
030624	19	16	21	668	.1	146	15	298	5.80	278	5	ND	19	39	.4	133	2	46	.40	.122	64	13	.23	755	.03	2	1.24	.01	.25	2	63
030625	33	21	80	867	.3	159	13	214	5.91	440	5	ND	18	40	.6	85	2	41	.31	.115	57	19	.17	563	.03	2	1.03	.01	.24	3	210
030626	28	16	29	841	.1	135	11	180	5.40	363	5	ND	18	34	.5	44	2	36	.34	.124	60	17	.09	464	.01	4	.82	.01	.17	3	81
030627	27	13	31	1624	.1	154	18	765	6.13	231	5	ND	19	38	.7	63	2	53	.33	.139	55	21	.04	590	.01	2	.69	.01	.13	6	37
030628	36	18	40	1510	.2	121	16	734	5.36	280	6	ND	20	160	1.3	57	3	45	.14	.119	51	6	.03	1226	.01	6	.87	.01	.13	6	130
030629	33	36	218	1626	.5	98	21	765	6.47	352	5	ND	16	88	3.0	56	2	31	.05	.069	31	8	.02	869	.01	3	.68	.01	.12	9	75
030630	20	23	67	699	.1	68	17	748	4.85	1523	5	ND	17	119	2.7	38	2	22	.09	.061	44	1	.03	1251	.01	2	.70	.01	.15	4	420
030631	26	14	60	1561	.2	103	18	824	5.68	384	5	ND	16	87	1.4	86	2	40	.41	.064	39	11	.03	913	.01	3	.72	.01	.10	8	160
030632	10	14	37	1214	.1	70	16	1007	5.18	135	5	ND	20	142	.6	55	2	75	.80	.113	56	14	.19	1254	.01	2	.97	.01	.08	3	85
030633	8	16	30	1024	.2	53	13	1002	4.68	112	5	ND	15	75	.9	89	2	78	.74	.047	24	23	.30	883	.01	3	.77	.01	.04	6	44
030634	25	19	41	1392	.2	97	13	442	5.11	278	5	ND	19	84	2.0	94	2	71	.25	.130	46	13	.05	1168	.01	2	.70	.01	.08	6	120
030635	7	36	22	931	.3	119	24	460	3.93	179	5	ND	6	91	4.2	46	2	43	.28	.050	27	16	.49	73	.01	6	.66	.02	.23	4	94
030636	39	21	30	613	.5	54	5	91	4.47	141	5	ND	6	132	1.1	34	2	93	.12	.084	28	1	.05	1076	.01	9	.66	.01	.22	3	13
030637	29	21	50	607	.5	54	7	172	4.07	111	5	ND	7	148	1.2	54	3	109	.14	.086	29	17	.06	275	.01	13	.72	.02	.30	2	18
030638	22	17	24	460	.4	42	7	144	2.45	78	5	ND	5	131	1.1	52	2	89	.14	.063	21	1	.05	868	.01	13	.59	.02	.23	2	12
030639	21	12	21	323	.2	35	4	70	1.82	60	5	ND	4	143	1.2	59	2	83	.14	.049	20	1	.05	1046	.01	10	.55	.02	.23	2	19
030640	45	10	15	360	.2	42	5	75	3.09	117	5	ND	3	208	3.1	58	2	114	.13	.081	17	7	.04	640	.01	10	.57	.01	.28	2	9
030641	39	10	16	286	.4	40	4	52	2.56	109	5	ND	4	213	3.1	53	2	102	.15	.088	18	8	.04	711	.01	14	.54	.01	.25	3	14
030642	17	6	14	151	.4	34	3	48	1.09	40	5	ND	4	124	2.2	34	2	81	.18	.039	21	2	.07	1312	.01	14	.56	.01	.20	2	10
030643	17	20	38	576	1.1	141	21	728	5.37	1009	5	ND	15	123	1.9	467	2	42	.07	.054	49	1	.05	1572	.01	6	.77	.01	.12	3	780
030644	13	21	42	504	1.2	117	25	797	5.16	1083	5	ND	15	137	2.0	291	3	55	.07	.049	43	2	.05	1270	.01	5	.78	.01	.10	3	440
030645	9	29	62	538	3.1	112	19	718	5.16	1385	5	ND	17	128	1.7	519	2	51	.06	.037	42	8	.02	1055	.01	2	.75	.01	.10	3	320
030646	20	28	50	791	2.5	166	17	478	6.81	2044	5	ND	16	108	2.8	1080	2	40	.09	.036	44	6	.03	909	.01	2	.69	.01	.11	4	600
030647	15	24	60	657	3.2	136	18	716	5.71	2269	5	2	13	100	2.7	5609	2	39	.11	.029	36	12	.02	815	.01	3	.58	.01	.10	2	3150
030648	8	20	66	391	1.9	69	13	1035	4.54	2294	5	ND	16	120	1.5	2915	2	39	.09	.036	44	14	.02	913	.01	3	.62	.01	.10	2	1680
030649	4	41	122	611	7.5	34	11	1612	3.86	1646	5	ND	11	131	1.5	12604	2	33	.17	.048	49	4	.03	1172	.01	6	.61	.01	.12	2	1360
030650	5	36	91	697	3.9	42	12	746	4.50	1975	5	ND	11	124	2.8	9643	2	36	.13	.037	43	13	.02	844	.01	6	.58	.01	.10	3	1330
030651	5	47	120	399	8.4	36	15	701	4.17	2090	5	3	6	115	2.8	12314	2	30	.11	.037	42	8	.02	883	.01	4	.60	.01	.10	1	1570
030652	5	33	32	217	11.7	25	5	143	2.79	506	5	ND	8	139	.7	1664	2	51	.11	.057	40	1	.04	1356	.01	6	.78	.01	.19	2	240
030653	10	43	20	320	.8	50	8	116	2.91	213	5	ND	7	215	.5	194	2	68	.14	.062	34	1	.04	1094	.01	7	.76	.01	.24	1	58
030654	8	33	16	289	.3	44	8	116	3.09	197	5	ND	7	145	.7	46	2	60	.15	.057	35	1	.05	963	.01	8	.80	.01	.29	1	15
030655	10	30	23	174	.5	30	4	42	2.08	263	5	ND	6	148	.6	36	2	77	.19	.053	29	1	.05	1332	.01	8	.68	.01	.23	1	31
030656	12	42	275	111	1.5	19	2	25	1.15	145	5	ND	5	336	.5	35	2	124	.19	.094	22	1	.05	1854	.01	16	.74	.01	.23	1	18
030657	10	58	32	87	1.9	27	2	19	1.06	129	5	ND	4	353	.4	20	2	159	.20	.069	19	1	.04	1782	.01	12	.60	.01	.19	1	35
030658	10	16	32	129	.7	24	3	61	1.31	323	5	ND	4	195	.9	33	2	107	.16	.056	18	1	.05	2126	.01	17	.63	.01	.18	2	28
STANDARD C/AU-R	18	57	39	133	7.1	70	32	1045	3.98	37	16	7	40	52	18.4	14	20	55	.48	.089	39	58	.88	177	.09	34	1.88	.06	.15	11	510

GOLDEN BCRC 91-514

GOLDEN BCRC 91-515

JUL-03-1991 15:56 FROM ACME ANALYTICAL TO NORANDA YT P.007

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
030659	11	11	25	133	.4	23	2	59	.91	249	5	ND	4	115	.3	14	2	80	.19	.043	20	1	.04	2010	.01	24	.57	.01	.17	1	13
030660	9	12	20	121	.3	26	2	22	1.04	180	5	ND	3	154	.2	13	2	82	.13	.049	19	1	.04	1848	.01	19	.63	.01	.20	1	4
030661	4	11	19	42	.4	12	1	13	.33	40	5	ND	4	96	.2	9	2	56	.10	.034	17	1	.04	1971	.01	23	.58	.01	.17	1	4
030662	6	35	13	39	1.4	24	2	17	.36	78	5	ND	3	185	.2	16	2	303	.11	.110	10	1	.03	3287	.01	20	.63	.01	.13	1	9
030663	11	79	18	72	1.9	22	3	16	.53	70	5	ND	2	288	3.3	14	2	364	.33	.232	11	19	.02	2021	.01	17	.68	.01	.11	1	7
030664	12	51	23	316	.9	67	11	81	2.82	110	5	ND	5	269	3.5	27	2	243	.11	.236	13	76	.03	52	.01	7	1.16	.01	.07	1	5
030665	12	50	29	408	.8	74	12	141	3.09	109	5	ND	7	223	3.0	29	2	201	.25	.203	20	75	.12	58	.02	8	1.23	.01	.15	1	7
030666	7	19	18	513	.1	48	13	405	2.93	58	5	ND	11	41	3.8	14	2	69	.58	.149	33	48	.24	113	.01	4	.91	.01	.15	1	2
030667	6	43	20	783	.3	231	28	543	4.47	60	5	ND	9	151	9.4	16	2	120	.61	.170	30	58	.81	78	.12	2	1.86	.02	.48	1	5
030668	11	67	86	499	.8	60	10	286	3.05	195	5	ND	4	257	8.7	22	2	119	.84	.159	16	67	.34	40	.01	11	1.06	.01	.15	1	51
030669	6	34	56	325	.5	52	9	604	3.47	137	6	ND	7	317	3.4	14	2	59	2.66	.121	20	47	.88	44	.01	10	.94	.01	.19	1	14
030670	5	17	33	175	.3	33	8	575	3.09	80	5	ND	8	278	2.1	13	2	26	3.02	.074	15	46	1.01	60	.01	11	.65	.01	.17	1	10
030671	4	14	16	151	.2	27	9	527	3.40	414	5	ND	16	50	.5	29	2	71	.43	.112	53	31	.58	666	.10	3	1.29	.02	.37	1	270
030672	3	14	20	125	.2	17	9	626	3.54	93	5	ND	15	75	.4	8	2	93	1.09	.109	47	37	1.25	851	.21	4	1.72	.04	.63	1	41
030673	3	15	24	132	.3	17	10	616	3.77	102	5	ND	15	81	.5	6	2	95	1.31	.112	48	44	1.31	732	.18	3	1.73	.05	.64	1	22
030674	15	52	34	187	2.1	26	5	152	2.65	179	5	ND	6	288	.9	19	2	249	.27	.168	28	17	.24	1978	.02	8	1.01	.02	.25	1	36
030675	18	37	31	189	.5	31	5	70	2.75	207	6	ND	8	140	.5	41	2	67	.15	.061	41	1	.08	1323	.01	18	.88	.02	.30	1	61
030676	7	32	19	338	.3	61	10	111	3.43	91	5	ND	7	150	.2	11	2	63	.10	.064	41	1	.07	1196	.01	7	.85	.02	.28	1	16
030677	7	28	19	191	.3	31	7	84	3.20	61	5	ND	7	90	.2	9	2	56	.05	.048	34	1	.06	877	.01	7	.78	.02	.30	1	15
030678	6	36	21	188	.5	40	9	188	3.88	511	5	ND	9	116	.3	16	2	46	.02	.051	37	1	.03	989	.01	8	.69	.01	.24	1	91
030679	8	16	16	125	.8	36	7	304	2.75	1331	5	ND	8	105	.4	20	2	37	.06	.035	37	2	.04	948	.01	8	.64	.01	.28	1	490
030680	8	30	24	166	.4	48	12	454	4.40	1876	5	ND	12	90	.2	34	2	46	.05	.042	35	16	.04	1029	.01	6	.70	.01	.15	1	590
030681	3	19	25	102	.5	22	12	1026	4.08	813	5	ND	15	117	.2	20	2	42	1.65	.040	37	11	.09	927	.01	5	.74	.01	.14	1	470
030682	4	30	27	162	.9	37	16	1056	4.70	1992	5	ND	17	97	.9	26	2	38	.30	.036	39	14	.05	711	.01	5	.71	.01	.12	1	910
030683	4	25	23	131	.5	27	13	938	4.36	1490	5	2	16	104	.4	25	2	51	.50	.037	34	20	.08	845	.01	3	.89	.01	.10	1	1150
030684	3	18	28	135	.9	25	12	1014	4.25	1904	5	2	14	96	.4	26	2	47	.40	.034	35	16	.05	706	.01	6	.79	.01	.09	1	1640
030685	3	19	32	130	1.1	25	13	1111	4.61	3482	5	3	14	102	.4	38	2	56	.30	.033	22	1	.06	2120	.01	3	.72	.01	.08	1	3430
030686	2	17	31	129	.5	17	11	878	3.88	1030	5	ND	13	105	.4	31	2	60	.85	.038	23	9	.20	1089	.01	2	.78	.01	.04	1	740
030687	2	15	39	126	.6	16	10	1052	4.12	1619	5	ND	13	107	.4	28	2	59	.82	.037	24	16	.24	837	.01	4	.88	.01	.05	1	1140
030688	3	15	33	140	1.0	21	11	1088	4.29	3919	5	2	13	128	.4	42	2	51	.76	.034	23	22	.17	688	.01	6	.67	.01	.08	1	2480
030689	3	15	31	142	.5	23	10	1107	3.99	1013	5	ND	14	103	.7	25	2	53	1.74	.036	23	19	.37	729	.01	5	.68	.01	.07	1	560
030690	4	17	27	219	.3	42	15	1313	4.12	572	5	ND	13	94	1.0	30	2	48	1.03	.036	21	15	.16	812	.01	4	.72	.01	.08	1	120
030691	3	10	24	156	.2	26	10	960	3.83	494	5	ND	13	116	.5	51	2	42	1.81	.032	20	18	.34	646	.01	2	.70	.01	.09	1	84
030692	4	14	27	219	.7	29	10	973	4.07	1587	5	3	13	129	.9	62	2	47	1.55	.032	20	17	.36	661	.01	4	.72	.01	.09	1	1880
030693	9	11	17	174	1.3	41	13	822	2.75	713	5	ND	9	168	.9	458	2	41	.56	.035	26	6	.18	992	.01	7	.55	.01	.13	1	1540
030694	8	39	22	36	1.8	28	4	209	1.01	613	5	ND	6	97	.9	2751	3	43	.13	.027	21	6	.04	1033	.01	9	.50	.01	.15	1	3720
STANDARD C/AU-R	17	56	38	136	7.1	70	31	1040	4.00	38	16	7	38	52	18.7	15	19	56	.50	.091	37	58	.88	178	.09	32	1.91	.06	.15	11	510

GOLDEN BEAR 91-516

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
030695 BCRC 91-516	13	58	15	113	.8	33	4	45	1.81	463	5	ND	4	132	.2	60	2	81	.16	.040	16	10	.05	397	.01	9	.63	.01	.19	1	130
030696	10	65	12	191	.5	55	9	83	2.00	96	5	ND	3	123	3.8	24	2	65	.15	.041	15	11	.06	202	.01	9	.79	.01	.22	1	96
030697	7	69	14	144	.3	55	12	32	3.26	66	5	ND	2	91	4.6	20	2	67	.11	.049	9	15	.05	36	.01	7	.84	.01	.21	1	37
030698	12	53	16	108	.5	50	6	33	2.03	97	5	ND	2	99	.7	16	2	97	.09	.064	14	24	.04	87	.01	8	.80	.01	.18	1	18
030699	3	30	28	182	.3	57	17	255	4.16	293	5	ND	7	99	.2	36	4	30	.09	.028	29	1	.05	2343	.01	4	.62	.01	.17	1	290
030700	3	14	40	162	.7	17	11	579	4.28	2429	5	2	11	132	2.2	35	2	22	.15	.040	36	1	.06	1268	.01	3	.61	.01	.13	2	3920
030701	3	11	35	228	.4	22	15	957	4.31	1166	5	ND	13	116	1.8	43	2	17	.55	.077	32	6	.13	746	.01	4	.60	.01	.16	1	380
030702	3	12	29	120	.8	13	10	935	3.66	2472	5	2	10	216	.4	38	2	23	1.77	.051	23	23	.49	310	.01	3	.54	.01	.13	1	2400
030703	3	14	39	135	.5	14	10	1007	3.60	1279	5	ND	13	190	.4	36	2	51	2.62	.061	31	17	.57	804	.01	2	.62	.01	.09	1	2490
030704	3	15	28	133	.3	16	11	1010	4.02	400	5	ND	16	193	.2	25	2	66	1.86	.074	40	16	.60	1288	.01	2	.67	.01	.09	1	970
030705	3	14	31	123	.5	15	10	945	3.60	962	5	ND	14	213	.2	41	2	49	1.92	.069	36	24	.65	652	.01	2	.62	.01	.09	1	1710
030706	4	16	39	140	.5	16	10	926	3.46	713	5	ND	15	178	.5	39	2	60	1.94	.084	44	40	.76	453	.02	2	.98	.01	.16	1	1740
030708	4	14	34	112	.4	11	7	552	3.00	111	5	ND	13	102	.3	17	2	72	1.61	.089	35	29	1.01	1301	.22	2	1.38	.04	.36	1	250
030709	4	14	45	127	.4	12	8	711	3.46	423	5	ND	13	134	.5	29	2	69	2.26	.090	40	45	1.13	600	.13	2	1.24	.03	.37	1	590
030710	5	12	41	124	.4	12	8	612	3.13	300	5	ND	12	115	.3	23	2	71	1.55	.086	35	46	.98	953	.21	2	1.47	.04	.45	1	440
030711	4	15	39	115	.4	12	8	678	3.28	122	5	ND	13	110	.3	22	2	76	2.53	.091	40	39	1.14	1259	.16	2	1.82	.04	.46	1	95
030712	3	12	41	122	.3	11	9	700	3.32	167	5	ND	13	114	.3	17	2	71	2.55	.093	39	36	1.18	1092	.10	2	1.75	.03	.27	1	140
030713	3	13	28	106	.2	12	8	643	3.26	98	5	ND	13	96	.2	19	2	71	2.38	.104	45	36	1.19	1017	.06	2	1.99	.02	.24	1	110
030714	3	12	30	108	.3	11	7	565	3.15	67	5	ND	13	102	.2	15	2	77	1.79	.069	37	10	1.14	1786	.26	2	1.81	.05	.63	1	89
030715 GOLDEN. BCRC 91-517	4	15	39	130	.3	14	7	544	3.18	136	5	ND	13	104	.4	29	2	81	1.41	.087	36	29	1.04	1218	.26	2	1.60	.05	.68	1	230
030716	5	14	51	129	.3	13	8	663	3.56	352	5	ND	14	92	.3	447	2	72	1.81	.099	48	50	1.00	801	.09	2	1.56	.03	.31	1	1270
030717	4	12	53	106	.4	10	8	547	2.99	42	5	ND	13	92	.3	24	2	73	1.51	.089	39	31	1.03	1275	.21	2	1.51	.05	.35	1	130
030718	3	14	51	128	.4	11	7	484	3.01	69	5	ND	13	100	.4	14	2	75	1.28	.084	37	26	1.07	1266	.27	2	1.63	.07	.41	1	120
030719	4	12	37	115	.4	11	8	582	3.19	392	5	ND	13	91	.4	22	2	59	1.93	.090	41	39	.97	760	.09	2	1.28	.03	.21	1	110
030720	4	12	21	98	.3	11	8	483	2.84	55	5	ND	14	96	.2	14	2	66	1.68	.086	39	19	1.03	1571	.17	2	1.51	.04	.20	1	75
030721	3	12	12	79	.2	9	8	465	3.81	33	5	ND	12	97	.2	16	2	69	1.92	.087	35	17	1.09	1341	.13	2	1.54	.04	.27	1	52
030722	3	13	18	82	.3	15	9	649	3.45	563	5	ND	14	98	.2	26	2	56	1.95	.093	44	30	.92	484	.04	3	.82	.02	.16	1	730
030723	3	13	22	90	.3	12	8	724	3.27	500	5	ND	12	310	.2	102	2	45	2.52	.059	37	25	1.03	475	.01	2	.62	.01	.08	1	530
030724	3	10	43	114	.5	11	8	963	3.60	837	5	ND	9	320	.2	1264	2	31	2.89	.045	27	28	1.15	221	.01	3	.60	.01	.11	1	1910
030725	4	7	37	91	.5	10	9	982	3.70	1336	5	3	8	259	.3	88	2	24	2.86	.023	17	28	1.15	388	.01	3	.49	.01	.10	1	2830
030726	6	6	37	116	.4	15	9	933	3.83	888	5	3	8	211	.5	36	2	23	2.70	.033	15	52	1.12	229	.01	4	.57	.01	.15	1	1570
030727	4	6	30	99	.2	11	9	822	3.78	110	5	ND	8	257	.2	23	2	24	3.03	.042	17	13	1.17	1114	.01	2	.54	.01	.14	1	120
030728	3	6	29	102	.4	11	9	862	3.70	617	5	ND	8	237	.2	21	2	16	3.17	.016	12	29	1.17	113	.01	4	.45	.01	.13	1	240
030729	2	10	36	116	.4	9	8	920	3.64	599	5	ND	8	254	.6	24	2	15	3.31	.033	12	19	1.21	102	.01	5	.57	.01	.17	1	720
030730	9	42	36	443	.6	81	14	302	3.39	113	5	ND	4	199	3.5	25	2	60	1.15	.084	17	39	.54	43	.01	6	.68	.01	.24	1	63
STANDARD C/AU-R	18	56	41	132	7.0	70	32	1043	4.00	38	17	7	38	51	18.6	15	20	57	.48	.091	38	57	.88	177	.09	32	1.90	.06	.15	12	480

JUL-05-1991 15:58 FROM ACME ANALYTICAL TO 14165364874 P.009

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
030731	5	24	85	637	.5	14	11	598	3.54	590	5	ND	10	395	5.1	48	2	20	3.51	.081	14	39	1.30	78	.01	3	.53	.01	.15	1	130
030732	4	20	36	259	.5	12	11	721	3.61	549	5	ND	10	399	2.0	28	2	16	3.53	.086	15	29	1.23	77	.01	7	.43	.01	.15	1	200
030733	10	39	22	363	.3	72	13	250	3.31	161	5	ND	5	268	2.2	16	2	35	1.25	.028	17	44	.78	63	.01	7	.48	.01	.20	1	62
030734	10	36	23	254	.1	80	16	188	3.20	98	5	ND	4	163	1.2	12	2	36	.62	.049	17	36	.40	44	.01	4	.62	.01	.25	1	64
030735	12	40	13	321	.4	82	13	173	2.62	142	5	ND	4	269	2.4	15	2	56	1.16	.053	14	33	.54	47	.01	7	.58	.01	.22	1	82
030736	10	35	16	240	.1	84	15	122	3.77	76	5	ND	2	118	1.1	6	2	38	.63	.052	12	24	.27	37	.01	7	.61	.01	.22	1	33
030737	8	34	18	278	.4	78	17	186	4.23	84	5	ND	4	142	1.7	8	2	35	1.08	.036	12	23	.60	37	.01	8	.59	.01	.21	1	46
030738	8	34	18	324	.4	65	15	191	3.62	145	5	ND	4	159	2.3	14	2	31	.57	.032	14	26	.44	47	.01	5	.42	.01	.17	1	85
030739	12	43	15	342	.6	61	13	308	3.05	112	5	ND	4	196	3.5	10	2	84	2.21	.087	10	40	.95	57	.01	6	.60	.01	.16	1	68
030740	8	32	19	255	.4	75	15	227	3.06	176	5	ND	3	237	1.2	21	2	35	.95	.029	13	17	.49	44	.01	8	.49	.01	.19	1	89
030741	7	37	22	259	1.1	49	14	516	3.72	2107	5	ND	6	668	2.1	25	2	47	3.46	.041	10	34	1.56	55	.01	7	.44	.01	.13	1	1050
030742	13	40	14	271	.5	84	16	178	3.08	91	5	ND	2	108	2.3	13	2	58	.97	.032	12	35	.54	36	.01	15	.78	.01	.28	1	38
030743	15	33	16	289	.5	80	11	73	2.00	77	9	ND	4	139	1.7	16	2	69	.41	.056	14	32	.17	57	.01	11	.54	.01	.20	1	36
030744	7	38	16	269	.5	41	15	555	3.23	159	5	ND	9	245	2.2	10	2	97	3.00	.110	32	71	1.34	108	.05	11	.86	.01	.35	1	110
030745	11	35	16	276	.3	71	14	100	2.61	52	5	ND	3	101	1.1	12	2	46	.59	.048	11	30	.27	47	.01	14	.64	.01	.24	1	15
030746	9	37	27	269	.5	33	13	740	3.30	169	5	ND	13	489	5.8	20	2	98	3.74	.198	19	60	1.25	66	.01	5	.59	.01	.17	1	56
030747	28	61	18	761	1.3	81	9	257	1.76	74	6	ND	4	249	10.8	13	2	279	4.20	.379	14	84	.24	70	.01	22	.93	.01	.31	1	19
STANDARD C/AU-R	19	57	38	135	6.9	70	32	1061	4.05	37	15	6	39	52	18.4	18	19	56	.49	.090	39	60	.90	180	.09	32	1.93	.06	.15	13	490

BCRC 91-517

JUL-03-1991 15:59 FROM ACME ANALYTICAL TO NORANDA YT P.010

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery Ck.(BK) BCRC 91-518 to 6

Noranda Exploration Co. Ltd. PROJECT 9107-032 330 File # 91-2282 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
030748	4	62	26	606	.5	144	53	657	5.24	34	5	ND	8	145	2.0	7	6	46	.13	.050	34	29	.08	1128	.01	5	.93	.01	.21	1	18
030749	7	55	17	529	.1	121	39	423	4.44	27	5	ND	4	138	1.8	4	2	49	.12	.044	29	23	.07	1288	.01	3	.86	.01	.20	1	7
030750	11	48	19	489	.4	85	21	190	3.25	23	5	ND	5	130	2.2	3	2	70	.11	.031	29	36	.05	1379	.01	3	.77	.01	.22	1	4
030751	5	52	21	410	.1	96	21	331	4.06	30	5	ND	6	124	2.4	2	3	57	.12	.047	40	29	.07	1085	.01	4	.80	.01	.20	1	5
030752	7	60	22	462	.5	109	26	406	4.79	38	5	ND	8	136	3.6	7	4	69	.25	.106	50	51	.15	467	.01	4	1.08	.02	.50	1	3
030753	7	55	10	467	.7	104	28	711	4.96	42	5	ND	13	349	2.9	12	5	83	1.34	.152	50	62	.70	267	.04	6	1.14	.02	.54	1	2
030754	9	48	17	543	.6	78	21	396	3.52	31	5	ND	7	272	3.6	10	2	58	.95	.081	36	63	.51	98	.01	6	.93	.01	.44	1	3
030755	7	39	59	353	.6	40	14	954	4.93	134	5	ND	15	364	1.6	17	2	25	2.49	.058	51	38	1.33	58	.01	2	.55	.01	.16	1	5
030756	7	29	48	211	.7	26	10	820	3.71	391	5	ND	7	379	.4	34	4	28	2.94	.055	19	50	1.28	27	.01	2	.61	.01	.21	1	79
030757	7	23	37	212	.5	24	9	900	3.14	1231	5	ND	10	311	1.0	28	2	30	3.06	.044	23	46	1.29	36	.01	3	.50	.01	.18	1	2750
030758	7	17	46	174	.7	16	7	1300	3.12	1409	5	ND	10	415	.5	84	2	35	3.55	.040	26	49	1.44	49	.01	3	.67	.01	.22	1	4880
030759	5	16	67	168	.7	14	6	1291	3.24	1227	5	ND	13	304	.8	45	2	34	3.23	.040	21	37	1.33	32	.01	4	.62	.01	.19	1	1290
030760	5	20	30	149	.6	18	7	1216	3.25	1067	5	ND	13	247	.8	35	2	44	2.66	.035	25	46	1.15	48	.01	3	.61	.01	.18	1	1000
030761	6	27	46	203	.9	22	9	1243	3.83	1449	5	ND	10	291	.7	41	2	56	1.98	.040	30	42	.93	60	.01	2	.69	.01	.14	1	2640
030762	5	32	491	676	3.0	14	6	1462	3.51	1064	5	ND	13	331	4.1	282	2	54	2.77	.053	34	41	1.26	31	.01	3	.79	.01	.19	1	1470
030763	5	27	80	255	.9	23	9	698	3.11	292	5	ND	13	174	1.6	67	2	65	1.74	.100	50	44	.86	86	.01	2	1.06	.01	.27	1	260
030764	5	27	28	200	.3	24	8	745	3.77	549	5	ND	16	149	1.2	368	2	81	2.09	.101	54	49	.99	109	.03	2	1.25	.02	.33	1	290
030765	6	23	35	153	.7	15	6	1324	3.61	969	5	ND	14	372	.5	112	3	52	3.64	.087	53	42	1.54	36	.01	2	.69	.01	.23	1	1060
030766	5	22	25	169	.1	17	6	714	3.29	250	5	ND	13	192	.6	54	2	67	2.21	.104	53	48	1.00	98	.06	3	1.59	.02	.68	1	200
030767	5	27	12	179	.3	23	8	557	3.16	56	5	ND	13	136	1.0	14	2	69	1.88	.092	44	49	1.01	225	.10	2	1.30	.03	.42	1	37
030768	6	46	17	174	.1	23	7	489	3.23	46	5	ND	13	130	1.2	7	2	86	1.39	.092	42	63	.98	313	.24	2	1.54	.05	.73	1	28
030769	5	29	8	172	.2	18	7	549	3.22	109	5	ND	17	132	.5	13	4	81	1.84	.092	46	54	1.21	186	.16	2	1.72	.04	.71	1	100
030770	6	28	5	140	.1	17	7	566	3.34	42	5	ND	11	125	.7	17	4	83	1.82	.099	56	61	1.26	615	.09	2	2.01	.04	.52	1	23
030771	5	26	2	120	.1	14	12	536	3.24	24	5	ND	16	128	.5	23	2	77	1.82	.104	62	43	1.00	5550	.05	2	2.57	.02	.49	1	12
030772	5	20	2	114	.3	14	6	604	3.24	97	5	ND	14	108	.3	17	2	70	2.07	.097	52	54	1.01	490	.01	2	1.04	.01	.21	1	100
030773	4	22	2	156	.1	17	6	582	3.37	40	5	ND	17	134	1.2	29	2	74	2.24	.101	55	48	1.17	252	.01	2	1.81	.01	.27	1	14
030774	5	22	2	132	.1	17	6	634	3.39	24	5	ND	13	155	1.0	8	2	65	2.78	.095	43	44	1.12	113	.02	2	1.74	.02	.40	1	9
030775	6	28	22	121	.2	26	6	525	3.34	87	5	ND	8	143	.7	18	5	54	2.29	.077	29	38	.80	52	.01	4	1.27	.02	.47	1	9
030776	5	17	102	243	1.1	11	5	768	3.30	83	5	ND	12	166	1.3	36	2	38	3.22	.080	31	26	1.05	43	.01	4	.85	.01	.34	1	14
030777	5	13	27	144	.4	11	5	726	3.30	45	5	ND	13	173	.8	27	2	34	3.26	.077	33	30	1.28	83	.01	6	.77	.01	.40	1	13
030778	4	18	13	154	.3	16	6	703	3.23	38	5	ND	13	253	1.7	.8	3	40	3.09	.080	30	31	.95	142	.01	6	1.24	.02	.43	1	23
030779	4	17	21	175	.3	18	6	658	3.11	28	5	ND	14	263	.8	25	2	37	2.93	.083	28	26	.81	94	.01	5	1.20	.01	.42	1	10
030780	5	17	9	172	.3	23	7	708	3.37	37	5	ND	15	247	1.2	31	2	41	2.79	.083	30	40	.86	110	.01	5	.96	.01	.44	1	8
030781	5	28	24	229	.4	37	8	605	3.45	47	5	ND	8	372	1.4	10	2	53	2.75	.062	25	35	.97	41	.01	5	.78	.01	.45	1	9
030782	5	36	44	389	1.0	45	10	479	3.57	81	5	ND	9	263	3.1	22	2	43	1.91	.066	25	29	.83	31	.01	5	.66	.01	.49	1	9
030783	4	43	22	1342	1.3	21	7	520	3.56	210	5	ND	10	321	11.3	20	2	35	2.73	.087	23	36	.98	32	.01	4	.65	.01	.40	1	19
STANDARD C/AU-R	21	63	44	135	7.6	70	30	1053	3.98	38	22	6	41	52	17.4	16	18	61	.48	.090	40	58	.88	176	.09	32	1.89	.06	.14	13	520

S. GOLDEN BCRC 91-518

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 4 1991 **DATE REPORT MAILED:** July 10/91 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

July values SP

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
030784	11	47	36	738	1.7	62	12	328	3.26	144	5	ND	4	254	6.2	41	3	61	1.87	.059	15	44	.82	36	.01	9	.50	.01	.17	1	19
030785	13	39	12	315	.7	78	12	157	2.92	90	5	ND	2	211	2.4	22	7	40	.73	.047	14	38	.23	29	.01	9	.50	.01	.18	1	19
030786	15	45	10	384	.8	77	11	162	2.64	36	5	ND	3	208	3.0	24	8	69	1.27	.092	10	30	.50	33	.01	10	.57	.01	.20	1	10
030787	12	36	14	257	.6	80	12	92	2.83	46	5	ND	1	106	1.3	21	7	31	.70	.030	11	29	.20	21	.01	8	.45	.01	.18	1	18
030788	12	35	11	250	.8	76	11	94	2.44	33	5	ND	1	109	1.5	25	2	34	.62	.039	12	36	.15	28	.01	8	.48	.01	.19	1	4
030789	13	36	10	212	.7	74	11	88	3.37	48	5	ND	1	107	1.2	21	9	37	.50	.047	9	35	.14	17	.01	9	.55	.01	.18	1	11
030790	12	40	11	386	.9	74	11	169	3.12	67	5	ND	1	111	2.9	29	3	51	1.09	.032	4	45	.49	18	.01	8	.77	.02	.26	1	8
030791	8	30	20	229	1.1	22	10	687	3.26	310	15	ND	15	50	.6	45	2	46	.44	.110	50	37	.25	687	.04	4	1.08	.01	.21	1	9
030792	5	19	26	158	.3	18	13	689	3.34	111	5	ND	13	94	.8	12	2	80	.64	.104	39	51	.98	4619	.20	2	2.00	.03	.33	1	5
030793	5	21	32	147	.6	17	15	827	3.54	93	8	ND	14	146	1.1	23	2	97	.80	.113	40	55	1.48	5706	.24	2	2.69	.03	.32	2	3
030794	4	20	28	131	.7	15	13	684	3.30	69	5	ND	14	141	1.1	27	2	86	.70	.105	39	52	1.41	5213	.22	3	2.53	.03	.34	1	2
030795	4	20	22	146	.7	16	11	818	3.39	115	5	ND	13	129	.7	36	2	87	1.30	.110	40	55	1.38	3913	.21	3	2.63	.02	.35	1	32
030796	4	26	124	282	1.0	12	10	619	3.34	96	5	ND	11	133	1.6	56	2	73	2.14	.100	38	45	1.12	3024	.12	3	2.35	.02	.25	2	5
030797	4	19	47	223	1.0	22	10	570	3.29	51	5	ND	11	109	1.4	43	2	78	1.55	.101	39	47	1.15	2231	.14	3	2.16	.02	.12	1	5
030798	5	18	43	516	.9	49	12	525	3.42	111	7	ND	12	97	1.5	52	2	57	1.30	.126	43	41	.53	1604	.04	4	1.61	.01	.16	1	10
030799	11	22	24	287	.9	50	7	132	1.99	129	5	ND	7	190	1.0	44	3	105	.31	.114	27	32	.08	2020	.01	9	.78	.01	.16	1	8
030800	11	70	29	254	1.2	97	9	167	2.54	219	5	ND	3	128	1.3	28	5	104	.34	.078	15	31	.10	86	.01	8	.73	.01	.15	1	71
030801	11	80	25	221	.8	84	9	249	2.63	1257	5	ND	4	140	1.6	23	12	85	.68	.074	16	35	.20	48	.01	8	.78	.01	.17	1	540
030802	6	33	27	185	.9	30	9	507	3.04	510	5	ND	8	282	1.2	27	2	49	2.33	.063	18	36	.87	132	.01	5	.72	.01	.12	1	61
030803	1	22	19	155	.9	27	8	515	3.08	224	5	ND	8	240	3.8	2	2	44	2.15	.085	29	40	.88	290	.04	2	1.22	.02	.26	1	43
030804	4	20	22	122	.7	17	8	606	3.15	97	5	ND	11	215	.7	29	2	52	2.65	.088	29	43	.88	232	.04	6	1.13	.02	.17	1	8
030805	5	17	22	117	.8	17	8	691	3.21	1300	5	ND	9	209	.2	19	2	39	2.45	.037	16	44	.96	95	.01	5	.72	.01	.11	1	1040
030806	9	30	21	252	2.3	38	8	647	2.71	1417	5	ND	9	210	1.8	29	2	70	2.16	.063	17	66	1.03	83	.03	7	.87	.01	.13	1	1090
030807	8	49	14	555	3.3	59	5	348	2.20	1379	5	ND	5	191	4.1	34	2	75	1.82	.119	13	76	.92	60	.03	6	.74	.01	.12	1	1900
030808	26	128	9	1121	2.6	89	4	395	1.64	227	5	ND	3	177	10.3	15	2	445	6.13	.108	8	69	3.15	92	.01	10	.49	.01	.09	1	170
030809	32	113	12	1427	1.2	81	5	363	1.69	108	5	ND	5	141	13.8	23	2	616	6.09	.059	16	69	3.39	71	.04	12	.79	.02	.17	1	35
030810	41	115	11	1902	1.1	88	4	448	1.38	89	5	ND	4	120	17.7	17	2	641	6.03	.034	14	53	3.20	88	.02	13	.57	.01	.14	1	26
030811	47	111	11	2129	.9	89	4	384	1.26	73	5	ND	4	142	20.5	23	2	501	7.06	.029	14	45	3.95	76	.01	10	.50	.01	.12	1	24
030812	44	91	8	1598	.4	91	5	432	1.43	76	21	ND	4	155	13.2	20	2	508	7.67	.036	18	51	4.15	55	.01	14	.56	.02	.12	1	20
030813	41	69	8	1091	.6	86	5	393	1.36	70	22	ND	5	156	7.9	19	2	398	7.52	.034	16	39	4.06	71	.01	12	.44	.01	.12	1	20
030814	10	20	120	497	1.6	22	11	1429	3.63	985	15	ND	15	75	4.0	203	2	33	.29	.072	54	33	.09	1445	.01	9	.52	.01	.14	1	460
030815	7	20	44	176	1.2	16	13	934	3.54	418	5	ND	19	58	.8	112	2	61	.37	.109	54	40	.52	3536	.09	5	1.46	.02	.37	1	110
030816	6	22	63	198	1.1	18	16	754	3.97	135	5	ND	15	79	.9	58	2	85	.55	.112	45	55	1.12	5970	.17	3	2.64	.03	.46	1	18
030817	5	21	42	150	1.0	15	11	651	3.29	73	6	ND	13	80	.7	40	2	83	.85	.104	39	55	1.14	2924	.20	4	1.95	.04	.31	1	19
030818	4	21	34	128	1.2	14	18	705	3.58	113	5	ND	15	116	.6	45	2	84	.60	.110	46	50	1.18	8040	.13	3	2.85	.03	.36	1	24
030819	4	19	29	111	1.1	12	14	542	3.64	164	5	ND	12	127	.8	42	2	69	1.21	.105	39	49	.99	6117	.11	3	2.54	.02	.45	1	34
STANDARD C/AU-R	19	63	42	132	7.1	70	33	1050	3.95	38	19	8	40	52	17.2	19	19	56	.48	.088	37	58	.88	181	.09	32	1.87	.06	.15	12	490

BCRE 91-518

GOLDEN BCRE 91-519

GOLDEN BCRE 91-520

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
030820	3	15	21	109	.1	8	8	575	2.84	75	5	ND	16	101	.8	14	2	60	2.34	.093	42	41	.66	1301	.01	4	1.47	.01	.11	1	90
030821	4	20	32	111	.5	11	9	572	3.59	122	5	ND	18	123	.9	9	2	60	2.37	.102	49	47	.71	374	.01	3	.73	.01	.06	1	49
030822	4	33	34	118	.6	19	11	740	3.60	98	5	ND	22	320	.6	10	2	26	2.99	.106	49	36	.79	64	.01	6	.68	.01	.14	1	35
030823	5	23	140	161	1.2	15	10	744	3.96	166	5	ND	17	162	1.1	23	4	27	1.75	.110	47	29	.45	48	.01	6	.75	.01	.17	1	30
030824	4	15	31	135	.3	14	8	644	3.39	80	5	ND	18	121	.7	12	4	82	2.56	.103	50	60	1.19	1420	.18	3	2.62	.02	.64	1	6
030825	2	19	29	156	.9	15	9	589	3.61	80	5	ND	17	135	1.0	17	2	84	2.11	.101	52	59	1.33	1704	.14	3	2.87	.02	.53	1	8
030826	2	20	26	171	.4	17	9	704	3.81	53	5	ND	17	149	.9	16	2	87	2.29	.103	46	62	1.43	1608	.11	4	2.73	.03	.36	1	10
030827	3	20	30	255	.5	27	10	1274	3.94	82	5	ND	18	145	1.1	17	2	85	2.31	.104	54	64	1.32	389	.13	4	2.44	.04	.33	2	16
030828	7	25	17	302	.4	29	7	584	2.91	101	5	ND	12	160	2.2	15	5	130	1.89	.174	38	80	.96	128	.06	5	1.98	.03	.23	1	4
030829	16	44	21	588	1.2	56	5	741	1.82	82	5	ND	5	380	10.3	10	2	275	5.07	.262	14	72	2.14	32	.02	11	.92	.01	.17	1	1
030830	44	152	21	2500	3.3	200	5	162	1.25	228	9	ND	3	288	46.0	20	2	1195	2.65	.791	17	168	.37	31	.02	22	1.16	.01	.33	1	5
030831	23	53	26	505	1.3	87	7	364	2.30	440	5	ND	7	310	10.3	10	2	309	1.95	.216	14	75	.61	27	.01	10	.87	.01	.15	1	66
030832	42	137	29	1625	2.5	184	5	158	1.54	172	5	ND	2	382	31.9	14	2	960	1.99	.687	13	173	.30	25	.02	20	1.23	.01	.26	1	17
030833	4	18	23	165	.4	17	7	509	2.90	90	5	ND	14	334	1.7	7	2	53	2.72	.104	30	33	.87	68	.01	4	.98	.01	.19	1	15
030834	4	15	20	154	.3	14	8	506	3.04	62	5	ND	14	355	1.5	8	2	39	2.95	.103	30	38	.96	58	.01	3	1.04	.01	.17	1	8
030835	4	12	21	181	.2	12	8	571	2.89	215	5	ND	13	461	1.8	8	2	31	3.34	.092	31	41	1.07	56	.01	4	.66	.01	.16	1	12
030836	3	13	18	131	.2	14	8	547	2.95	192	5	ND	13	390	.9	9	2	31	3.23	.083	32	41	1.04	51	.01	3	.77	.01	.15	1	65
030837	3	15	16	113	.5	12	8	490	3.01	44	5	ND	14	273	1.2	8	3	50	2.88	.088	36	49	.99	65	.01	2	1.21	.01	.16	1	13
030838	3	12	11	119	.1	13	7	493	3.00	48	5	ND	14	232	1.2	14	2	50	2.91	.088	46	44	1.08	116	.03	2	1.31	.01	.17	1	3
030839	3	14	14	110	.1	20	7	442	3.70	63	5	ND	17	130	1.3	20	2	66	2.15	.092	43	47	1.05	278	.07	2	2.14	.01	.32	1	1
030840	2	14	17	133	.1	30	7	520	3.72	68	5	ND	17	193	.9	13	2	72	2.26	.089	42	48	1.29	173	.09	2	2.46	.01	.37	1	10
030841	3	18	30	168	1.0	12	8	729	2.99	1804	5	2	14	364	1.1	8	2	30	3.41	.087	27	37	1.12	25	.01	5	.71	.01	.14	1	1490
030842	3	13	26	138	1.2	14	8	997	3.66	960	5	2	11	487	1.5	10	2	24	3.69	.065	16	37	1.40	15	.01	6	.53	.01	.10	1	810
030843	28	99	14	1486	2.6	97	3	585	1.78	153	5	ND	3	273	17.9	14	2	657	3.64	.342	12	108	1.26	30	.01	11	.75	.01	.14	1	38
030844	53	60	10	781	1.3	109	4	571	1.76	84	13	ND	3	163	8.0	11	2	349	5.68	.041	9	65	2.74	22	.01	10	.41	.01	.10	1	5
030845	52	120	13	1615	1.1	114	5	465	1.64	88	11	ND	3	157	19.4	12	2	713	6.35	.031	8	66	3.15	21	.01	13	.49	.01	.14	1	4
030846	54	130	14	2467	.7	108	4	412	1.41	74	6	ND	2	118	29.4	11	2	883	5.32	.023	8	87	2.69	23	.01	15	.53	.01	.16	1	13
030847	36	90	8	1470	.7	72	4	606	1.37	55	5	ND	3	164	16.0	7	2	545	8.36	.020	8	58	3.99	31	.01	10	.37	.01	.09	1	9
030848	3	8	23	130	.3	15	8	654	3.92	26	5	ND	15	78	.6	14	2	60	.88	.100	41	37	1.03	490	.01	5	1.80	.02	.15	1	5
030849	4	12	25	134	.4	17	8	575	3.77	50	5	ND	17	92	.9	15	2	50	1.28	.095	35	35	.96	340	.01	10	1.73	.02	.20	1	1
030850	8	27	25	175	.2	39	9	322	3.23	103	5	ND	11	101	1.9	21	2	51	.52	.079	35	37	.45	670	.01	10	1.20	.01	.23	1	5
030851	10	40	30	228	.3	62	7	87	3.18	326	5	ND	8	133	.6	52	2	39	.13	.051	30	25	.06	806	.01	8	.59	.01	.22	1	9
030852	12	30	176	140	3.7	39	5	311	2.96	354	5	ND	6	159	.5	51	5	56	.13	.056	24	44	.05	136	.01	13	.54	.01	.26	1	210
030853	10	30	41	308	1.4	80	11	494	3.56	747	5	ND	11	218	1.7	80	2	50	.13	.057	35	36	.05	139	.01	11	.61	.01	.26	1	340
030854	14	31	92	288	1.8	43	6	453	2.49	809	5	ND	6	239	2.9	261	2	95	.35	.176	16	64	.05	615	.01	10	.71	.01	.17	1	520
030855	5	30	117	259	1.7	15	8	776	3.77	1534	5	ND	17	136	3.2	1125	2	35	.36	.082	37	35	.05	540	.01	6	.67	.01	.11	1	960
STANDARD C/AU-R	17	62	38	132	6.7	70	32	1036	3.93	37	22	6	39	52	18.5	16	19	57	.48	.092	38	58	.86	177	.09	34	1.91	.06	.15	11	490

BCRC 91-520

GOLDEN BCRC 91-521

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
030856	3	11	37	108	.8	12	7	1231	3.01	988	5	ND	12	325	1.8	136	2	17	2.44	.073	18	32	.93	53	.01	7	.45	.01	.10	1	700
030857	3	14	26	80	.8	12	8	1651	3.37	996	5	ND	12	356	1.6	114	2	22	2.53	.051	17	37	1.03	28	.01	8	.52	.01	.11	1	920
030858	4	21	115	110	2.0	15	8	1141	3.35	1358	5	2	13	232	1.5	719	2	26	2.17	.038	17	34	.67	145	.01	6	.44	.01	.09	1	990
030859	3	13	30	107	1.0	11	8	1035	3.37	2877	5	2	15	188	2.0	219	2	30	2.50	.034	24	29	.53	175	.01	5	.45	.01	.09	1	2240
030860	3	16	111	261	.8	14	9	786	3.29	1025	5	ND	15	204	2.8	29	3	50	2.72	.083	40	40	1.01	74	.05	3	.95	.01	.27	1	720
030861	3	14	61	145	.3	13	8	640	3.25	335	5	ND	15	156	2.2	43	2	65	2.37	.092	39	46	1.06	125	.11	2	1.75	.02	.46	1	92
030862	5	15	66	183	.7	14	8	865	3.31	1183	11	ND	15	154	2.3	69	4	55	3.03	.091	40	54	.85	116	.03	3	.94	.01	.17	1	270
030863	4	15	38	128	.2	12	8	553	3.14	313	5	ND	17	115	1.8	31	9	64	2.17	.101	41	52	.82	279	.06	3	1.68	.01	.31	1	75
030864	3	14	36	140	.2	10	8	528	3.01	203	5	ND	16	125	1.5	47	2	62	2.52	.089	38	47	.83	96	.06	3	1.34	.01	.26	1	47
030865	3	16	30	116	.2	11	8	548	3.13	100	5	ND	15	103	1.6	32	2	71	2.34	.091	38	51	1.12	346	.10	2	2.18	.02	.28	1	32
030866	2	17	35	217	.3	22	10	774	3.09	102	5	ND	18	337	1.7	22	5	37	3.20	.097	44	32	1.23	87	.02	3	1.06	.01	.18	1	32
030867	2	25	33	247	.3	23	10	886	3.27	127	5	ND	21	395	2.3	47	4	28	3.39	.091	41	36	1.30	219	.01	3	.70	.01	.16	1	44
030868	18	33	37	586	.8	65	8	601	2.64	235	5	ND	10	295	6.8	47	2	174	2.54	.263	23	87	.92	36	.02	8	1.28	.01	.20	1	76
030869	26	37	23	566	.9	81	5	280	1.58	117	8	ND	3	263	9.2	13	4	323	2.20	.454	8	98	.53	28	.01	12	.72	.01	.12	1	3
030870	36	48	41	765	.9	106	5	364	1.54	141	5	ND	3	275	10.7	23	2	398	1.96	.420	8	111	.49	27	.02	13	.78	.01	.14	1	9
030871	25	49	79	705	1.1	76	4	733	1.48	111	7	ND	2	313	10.3	19	2	340	4.60	.352	6	88	.64	30	.02	8	.59	.01	.08	1	7
030872	19	33	43	476	.9	55	6	391	2.03	542	5	ND	5	285	6.9	22	10	191	2.49	.242	13	86	.80	29	.01	6	.72	.01	.12	1	47
030873	8	18	21	182	.5	21	7	411	2.61	360	5	ND	12	324	2.2	19	5	55	2.42	.100	26	67	.89	60	.01	5	.79	.02	.19	1	39
030874	5	12	19	147	.3	12	8	497	2.84	364	5	ND	11	460	1.5	13	2	30	3.00	.096	28	33	1.03	43	.01	3	.66	.01	.15	1	29
030875	4	15	17	118	.2	13	8	444	2.86	65	5	ND	12	378	1.3	12	2	35	2.97	.099	30	43	1.08	129	.01	2	.97	.01	.14	1	8
030876	7	17	20	135	.3	14	7	432	2.71	97	5	ND	12	325	1.6	19	5	46	2.57	.091	26	67	.98	67	.01	4	1.00	.02	.15	1	20
030877	3	11	22	111	.2	12	7	475	2.80	42	5	ND	13	213	1.1	7	2	63	2.67	.087	32	55	1.12	167	.01	2	1.52	.02	.17	1	7
030878	4	11	13	90	.1	8	7	535	2.78	32	5	ND	14	198	.9	10	3	55	2.63	.088	34	48	1.03	532	.03	2	1.65	.01	.20	1	3
030879	4	15	24	104	.3	11	8	548	2.48	1221	5	ND	14	141	1.0	20	2	41	2.40	.076	38	41	.79	90	.01	3	.69	.01	.10	1	660
030880	4	10	26	109	.1	11	8	661	2.95	334	5	ND	14	144	1.0	14	2	49	2.63	.042	30	48	.93	591	.01	3	.65	.01	.08	1	78
030881	3	13	31	107	.7	10	7	677	3.01	3272	6	2	13	119	1.0	21	2	42	2.23	.031	27	39	.88	73	.01	3	.52	.01	.06	1	2100
030882	3	17	29	123	.2	9	7	615	3.14	142	5	ND	14	115	1.2	10	2	50	2.42	.078	37	41	.89	110	.03	2	.81	.01	.16	1	43
030883	3	11	28	118	.1	11	7	521	2.99	66	5	ND	13	206	1.2	13	4	51	2.86	.091	41	42	1.01	81	.03	2	1.59	.01	.22	1	17
030884	9	18	21	215	.6	25	6	386	2.28	153	5	ND	8	204	2.5	18	2	85	2.04	.135	25	59	.72	65	.01	4	1.14	.01	.14	1	64
030885	14	37	12	491	2.2	63	6	190	1.73	62	5	ND	2	145	5.5	10	2	147	.89	.126	6	58	.32	22	.01	7	.52	.01	.12	1	53
030886	18	75	10	652	2.8	68	4	388	1.52	77	10	ND	3	190	6.1	14	4	219	2.73	.284	7	106	.95	34	.01	9	.59	.01	.13	1	29
030887	31	67	7	1232	1.2	64	3	565	1.59	52	18	ND	2	124	11.9	14	2	375	6.93	.041	5	57	3.34	64	.01	8	.35	.01	.10	1	5
030888	6	8	35	117	.1	10	9	777	3.83	164	5	ND	14	41	.4	226	2	28	.28	.107	40	27	.06	423	.01	3	.48	.01	.15	1	16
030889	3	26	21	105	.2	8	9	668	3.82	106	5	ND	11	62	.5	173	2	30	.28	.106	40	21	.05	595	.01	3	.51	.01	.13	1	7
030890	6	25	49	131	.3	23	10	835	3.22	132	5	ND	10	41	.6	148	8	27	.22	.086	35	24	.05	710	.01	3	.52	.01	.16	1	13
030891	7	17	77	153	.5	41	9	416	2.85	279	5	ND	9	48	.8	95	2	33	.15	.076	32	30	.04	776	.01	4	.52	.01	.20	1	36
STANDARD C/AU-R	18	60	39	134	7.2	72	33	1064	4.03	42	18	6	40	52	18.5	16	20	54	.50	.090	38	58	.89	180	.09	32	1.99	.06	.16	11	530

GOLDEN BEAR 91-521

GOLDEN BEAR 91-522

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
030892	5	15	47	127	.4	30	10	472	3.28	64	5	ND	13	69	.2	57	2	40	.20	.084	40	31	.05	1177	.01	6	.70	.01	.15	1	7
030893	4	19	35	93	1.0	32	10	569	3.20	670	5	ND	10	178	.4	22	2	24	1.35	.053	21	26	.31	111	.01	5	.71	.01	.14	1	450
030894	9	30	52	203	.7	44	9	422	3.41	649	5	ND	9	155	1.2	24	2	39	.64	.089	28	29	.10	276	.01	7	.59	.01	.14	1	110
030895	10	39	21	255	.4	84	14	97	3.47	65	5	ND	7	108	1.7	11	4	48	.21	.067	26	26	.16	24	.01	9	.62	.01	.19	1	12
030896	15	49	15	466	.5	110	16	248	3.89	83	5	ND	5	149	3.5	21	4	78	.46	.096	17	38	.29	12	.01	10	.71	.01	.21	2	2
030897	11	39	15	338	.4	95	14	162	3.27	65	5	ND	6	130	2.5	11	2	44	.35	.052	20	51	.37	15	.01	12	.70	.01	.20	1	3
030898	13	35	23	202	.7	97	13	221	2.67	327	5	ND	6	174	1.7	19	2	42	.75	.041	15	40	.34	15	.01	10	.55	.01	.16	2	50
030899	3	24	40	131	.3	24	10	856	3.25	1197	5	ND	9	229	.7	15	4	25	2.55	.028	11	43	.96	22	.01	5	.66	.01	.11	1	250
030900	3	15	91	165	.7	15	9	904	3.17	666	5	ND	12	228	.6	23	2	18	2.93	.030	12	34	1.03	30	.01	4	.50	.01	.09	1	220
030901	4	17	82	145	.9	18	8	1233	3.29	500	5	ND	10	261	.8	707	2	17	3.07	.039	10	42	1.15	18	.01	5	.50	.01	.10	1	610
030902	4	15	50	125	1.2	20	8	1133	3.33	1621	5	2	8	232	.8	1206	2	21	2.98	.032	9	48	1.12	16	.01	7	.47	.01	.10	2	1150
030903	16	55	42	586	2.8	109	7	716	2.32	507	5	ND	5	481	4.5	82	5	168	2.47	.246	14	93	.93	26	.01	7	.76	.01	.09	1	200
030904	5	17	31	162	.8	26	9	1321	3.32	965	5	ND	13	331	.8	74	2	44	2.97	.072	25	45	1.07	25	.01	6	.76	.01	.10	1	600
030905	13	37	25	416	1.7	98	11	458	2.95	817	5	ND	6	200	3.6	63	3	71	1.01	.060	16	46	.39	13	.01	9	.61	.01	.16	1	500
030906	8	19	33	196	.9	48	9	676	3.08	856	5	ND	8	230	1.1	41	2	44	1.88	.035	13	42	.72	21	.01	8	.70	.01	.12	1	580
030907	4	13	36	124	1.0	17	8	1208	3.25	2071	5	2	11	331	.9	38	2	39	3.09	.047	15	44	1.13	27	.01	5	.67	.01	.07	1	2240
030908	4	18	31	121	1.1	15	9	962	3.13	3520	9	3	11	228	.5	32	2	42	2.42	.023	14	46	.89	34	.01	6	.60	.01	.07	1	5300
030909	6	9	20	64	1.2	13	7	1115	2.70	2560	5	2	7	362	.2	23	2	20	2.68	.025	12	70	1.05	20	.01	6	.47	.01	.07	1	2860
030910	4	22	26	85	.7	16	9	955	2.98	637	5	ND	10	290	.4	14	2	23	3.55	.053	12	45	1.22	23	.01	6	.59	.01	.10	1	480
030911	4	15	27	128	.7	21	9	749	2.98	1771	5	ND	9	289	.8	18	2	33	2.93	.036	14	33	1.03	25	.01	6	.61	.01	.08	1	870
030912	13	26	10	272	.7	45	7	794	1.99	106	5	ND	3	442	3.4	13	3	196	6.20	.187	7	60	2.72	18	.01	13	.75	.01	.10	1	9
030913	18	38	9	398	.8	58	5	637	1.80	78	5	ND	3	504	6.0	11	2	294	5.49	.290	5	62	2.35	21	.01	13	.77	.01	.11	1	8
030914	27	50	11	671	1.2	76	6	264	1.83	82	9	ND	3	349	10.0	15	2	354	2.53	.494	7	82	.65	19	.01	20	.94	.01	.17	1	2
030915	27	44	26	570	1.1	84	5	245	2.02	87	5	ND	2	272	7.9	12	2	329	1.97	.361	6	91	.52	18	.01	15	.75	.01	.12	1	10
030916	7	32	32	180	.5	31	10	763	3.53	561	5	ND	14	546	1.9	12	2	54	3.42	.104	21	45	1.41	16	.01	10	.65	.01	.09	1	61
030917	5	35	30	143	.3	26	13	764	4.31	177	5	ND	16	589	1.5	12	2	24	3.87	.082	17	42	1.72	13	.01	8	.59	.01	.08	1	36
030918	3	26	30	133	.2	21	11	731	3.48	68	5	ND	19	554	.9	4	4	20	3.44	.091	28	31	1.41	20	.01	8	.46	.01	.12	1	14
030919	13	32	54	371	.6	46	7	616	2.43	109	5	ND	6	361	4.6	15	2	167	4.02	.194	11	54	1.63	13	.01	8	.60	.01	.07	1	29
030920	23	43	24	628	.7	84	5	176	1.64	92	5	ND	2	246	8.6	11	3	299	1.89	.470	6	86	.35	18	.01	15	.77	.01	.15	2	1
030921	11	29	42	149	1.1	45	7	347	2.24	115	5	ND	6	315	1.3	10	18	83	2.27	.116	16	55	.73	26	.01	9	.59	.01	.07	1	26
030922	3	17	23	100	.3	15	8	555	2.90	57	5	ND	10	386	.5	3	4	28	3.50	.090	22	28	1.15	32	.01	6	.55	.01	.07	1	15
030923	4	16	22	100	.3	13	8	562	3.02	43	5	ND	12	331	.3	4	2	29	3.31	.081	27	42	1.05	36	.01	5	.69	.01	.11	1	22
030924	4	13	24	104	.2	12	8	562	2.98	187	5	ND	12	339	.3	6	2	26	3.48	.074	25	43	1.02	36	.01	6	.69	.01	.12	1	23
030925	5	8	21	105	.2	12	8	588	3.03	57	5	ND	14	266	.3	4	4	45	3.31	.077	26	53	1.03	58	.01	4	1.09	.01	.11	1	8
030926	3	7	19	89	.1	10	8	563	2.95	40	5	ND	16	262	.2	7	4	50	3.06	.091	33	43	1.07	135	.01	4	1.69	.01	.13	1	33
030927	3	7	13	80	.2	9	7	521	2.79	26	5	ND	15	185	.2	6	2	57	2.85	.086	33	49	1.13	108	.05	4	1.93	.02	.24	1	6
STANDARD C/AU-R	18	56	40	133	6.8	69	33	1044	3.93	37	22	6	38	52	18.4	15	20	56	.48	.089	38	58	.84	171	.09	32	1.88	.06	.14	12	520

GOLDEN BEAR 91-522

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
BCRC 91-522.																															
030928	3	11	18	90	.1	12	7	615	3.06	51	5	ND	11	164	.2	13	2	69	3.47	.084	35	47	1.31	470	.08	2	2.16	.02	.33	1	26
030929	3	11	18	86	.1	9	7	592	2.78	33	5	ND	12	147	.2	10	2	58	3.83	.086	38	32	1.24	562	.04	3	1.74	.01	.19	1	10
030930	4	11	24	84	.1	10	7	505	2.76	51	5	ND	12	101	.2	13	2	58	2.70	.078	36	45	1.04	236	.04	3	1.42	.01	.18	1	15
030931	9	47	21	204	.3	48	5	52	2.10	41	6	ND	6	125	1.3	11	2	61	.17	.044	24	1	.05	1572	.01	9	.62	.01	.17	1	8
030932	6	43	17	300	.2	69	11	115	3.04	23	8	ND	8	93	1.5	5	2	34	.17	.041	25	1	.05	1233	.01	12	.74	.02	.21	1	4
030933	7	27	20	174	.2	34	5	46	2.58	24	6	ND	3	79	.6	4	2	39	.17	.033	9	1	.04	717	.01	9	.55	.02	.22	1	5
030934	18	41	13	158	1.0	28	2	25	2.04	24	5	ND	4	239	.3	7	2	98	.19	.151	11	26	.04	741	.01	10	.71	.02	.19	1	5
030935	27	87	13	255	2.4	64	3	34	1.57	23	5	ND	2	507	7.5	10	2	314	.60	.340	11	36	.05	1780	.01	12	.87	.01	.17	1	6
030936	11	74	15	444	.6	66	15	189	3.11	32	5	ND	4	186	2.0	4	2	82	.16	.125	11	3	.07	965	.01	6	.72	.02	.20	1	4
030937	5	67	15	378	.2	66	18	327	4.00	26	5	ND	3	87	7.1	2	2	32	.09	.042	7	1	.38	921	.01	8	.79	.02	.20	1	5
030938	9	56	22	305	.4	82	19	89	2.59	38	5	ND	2	106	4.9	5	2	35	.10	.062	5	22	.13	66	.01	6	.71	.01	.20	1	5
030939	4	42	16	341	.2	89	22	191	3.69	150	5	ND	3	68	2.1	11	2	30	.09	.028	5	3	.15	569	.01	7	.64	.02	.20	1	5
030940	4	21	25	188	.4	35	12	498	3.16	1941	5	ND	5	162	.7	417	2	28	1.70	.015	14	31	.66	53	.01	5	.46	.01	.13	1	810
030941	5	13	27	100	1.0	19	9	639	3.37	2536	5	3	6	261	1.2	47	2	15	2.36	.013	12	41	.89	42	.01	8	.46	.01	.13	1	2080
030942	3	9	35	171	.4	22	8	768	3.37	2443	5	2	6	229	4.1	30	2	16	2.58	.014	13	27	.98	107	.01	10	.56	.01	.15	1	1030
LUCKY BCRC 91-523																															
030943	4	12	52	176	.4	23	9	855	3.26	354	5	ND	6	234	5.1	28	2	15	2.90	.016	12	34	1.06	80	.01	6	.61	.01	.17	1	60
030944	3	14	28	177	.2	27	11	838	3.25	218	5	ND	5	256	3.9	21	2	20	2.92	.016	13	33	1.09	288	.01	7	.57	.01	.14	1	21
030945	3	16	42	185	.1	22	11	948	3.53	212	5	ND	6	196	2.7	21	2	28	2.55	.021	16	30	1.01	490	.01	7	.63	.01	.14	1	8
030946	3	17	97	198	.2	20	11	1069	3.41	209	5	ND	6	214	.7	42	2	26	2.72	.026	15	35	1.10	446	.01	9	.73	.01	.18	1	6
030947	3	20	41	162	.3	24	10	854	3.52	255	5	ND	6	273	1.0	20	2	15	2.72	.021	14	23	1.13	191	.01	8	.46	.01	.17	1	5
030948	10	35	14	139	.3	84	13	212	2.86	75	5	ND	5	113	.8	9	2	30	.59	.043	22	37	.47	43	.01	7	.47	.01	.20	1	9
030949	5	35	16	192	.2	73	17	221	3.60	63	5	ND	7	74	.4	10	2	21	.36	.031	29	21	.50	65	.01	7	.45	.01	.21	1	3
030950	5	24	19	194	.2	46	13	496	3.47	89	5	ND	6	229	.9	96	2	22	1.76	.039	21	31	.77	59	.01	6	.54	.01	.21	1	14
030951	11	34	46	362	.4	84	13	345	2.81	216	5	ND	5	195	2.2	168	2	34	.90	.066	22	46	.52	46	.01	10	.51	.01	.22	1	7
030952	3	15	33	131	.4	18	9	836	3.47	363	5	ND	8	192	.7	38	2	21	2.25	.032	16	29	.88	107	.01	8	.53	.01	.16	1	3
030953	3	10	44	111	.4	12	8	947	3.59	273	5	ND	9	205	.3	32	2	21	2.48	.043	16	31	.89	128	.01	7	.61	.01	.16	1	7
030954	4	20	49	96	.6	34	10	845	3.02	597	5	ND	7	172	.6	45	2	19	2.05	.032	17	29	.76	134	.01	5	.50	.01	.19	1	28
030955	4	24	27	129	.4	39	11	555	3.38	63	5	ND	7	238	.6	22	2	22	1.69	.055	24	21	.75	121	.01	6	.50	.01	.22	1	6
030956	3	16	591	352	3.0	14	9	951	3.61	285	5	ND	10	254	2.8	199	2	31	2.22	.051	17	25	.89	263	.01	5	.51	.01	.09	1	37
030957	3	9	29	44	.4	9	7	860	3.01	108	5	ND	7	283	.3	22	2	8	3.05	.070	11	22	.96	116	.01	8	.46	.01	.16	1	11
030958	5	27	34	208	.4	62	13	451	4.16	119	5	ND	6	142	1.0	34	2	22	1.20	.045	20	26	.55	34	.01	5	.46	.01	.19	1	6
030959	2	13	43	116	.3	13	9	694	3.48	51	5	ND	15	119	.2	24	2	54	1.87	.094	37	29	.89	353	.01	3	.65	.01	.07	1	7
030960	2	12	27	112	.2	13	9	649	4.21	39	5	ND	15	209	.4	21	3	47	1.78	.084	33	23	.97	532	.01	5	.57	.01	.09	1	9
030961	3	13	29	123	.1	15	10	1004	3.84	126	5	ND	13	139	.4	22	2	52	1.18	.059	28	22	.67	804	.01	3	.67	.01	.04	1	8
030962	2	14	62	128	.2	15	10	860	3.13	69	5	ND	14	161	.2	28	2	56	2.02	.061	29	15	.89	1018	.01	2	.69	.01	.03	1	13
030963	3	13	33	126	.1	16	10	814	3.64	132	5	ND	11	130	.2	100	2	52	.40	.032	30	26	.41	622	.01	2	.66	.01	.02	1	84
STANDARD C/AU-R	18	56	40	135	7.2	70	32	1046	4.01	37	18	6	39	52	18.8	18	19	57	.49	.091	38	58	.89	179	.09	34	1.90	.06	.15	11	500

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
030964	2	11	35	139	.1	16	11	987	3.41	292	5	ND	11	143	.4	23	2	46	1.18	.031	22	33	.60	174	.01	2	.58	.01	.04	1	40
030965	2	19	30	148	.2	18	12	1281	4.47	330	5	ND	14	212	1.2	24	2	57	1.63	.050	26	43	.87	524	.01	2	.62	.01	.03	1	220
030966	2	22	51	311	.3	24	16	1083	4.19	156	5	ND	16	137	1.1	28	4	59	1.29	.077	29	47	.72	668	.01	2	.64	.01	.03	1	70
030967	2	18	160	454	1.9	16	11	1274	3.51	511	5	ND	12	486	3.7	64	2	27	3.35	.061	18	35	1.31	32	.01	4	.60	.01	.11	1	100
030968	1	21	53	241	.6	26	13	892	3.71	245	5	ND	16	317	1.3	31	2	44	2.73	.079	32	35	1.10	95	.01	2	.66	.01	.11	1	42
030969	11	61	10	136	1.1	49	8	81	2.55	65	5	ND	1	277	3.0	6	2	121	.55	.251	3	38	.09	14	.01	15	.95	.01	.28	1	2
030970	5	32	37	316	.8	54	13	633	3.37	930	5	ND	9	362	2.0	22	2	30	1.76	.062	22	39	.81	17	.01	8	.68	.01	.25	1	550
030971	7	33	23	220	.2	69	14	277	3.14	172	5	ND	5	147	.9	8	2	40	.67	.024	18	23	.53	16	.01	5	.59	.02	.19	1	46
030972	7	43	23	264	.4	73	15	237	3.39	68	5	ND	7	131	1.4	4	2	37	.50	.032	24	22	.58	16	.01	5	.66	.02	.24	1	12
030973	6	42	18	297	.2	75	16	229	3.71	51	5	ND	5	129	1.4	4	2	43	.65	.026	19	31	.64	15	.01	3	.60	.02	.21	1	8
030974	7	32	22	174	.3	47	11	377	3.10	64	5	ND	10	227	1.3	6	2	52	1.77	.076	27	41	.88	29	.01	4	.87	.02	.22	1	12
030975	4	19	17	96	.2	11	9	517	2.97	27	5	ND	15	264	.4	4	2	48	2.69	.081	31	46	1.20	306	.02	2	1.23	.03	.19	1	10
030976	3	16	10	87	.1	12	8	517	2.82	21	5	ND	14	243	1.0	2	2	53	2.70	.088	32	50	1.21	247	.02	2	1.24	.03	.17	1	6
030977	10	38	14	258	.4	55	13	161	3.03	37	5	ND	2	82	2.2	2	2	71	.11	.068	4	33	.05	613	.01	4	.75	.01	.21	1	5
030978	6	36	17	165	.2	34	7	34	3.35	26	5	ND	2	65	.2	2	2	38	.01	.026	3	17	.02	239	.01	3	.62	.01	.21	1	1
030979	7	35	16	178	.2	43	10	60	3.55	24	5	ND	2	83	.4	2	2	34	.01	.043	3	13	.03	248	.01	4	.57	.01	.21	1	2
030980	7	32	17	132	.1	30	9	63	3.76	26	5	ND	2	68	.2	2	2	25	.02	.038	3	12	.03	230	.01	5	.60	.01	.23	1	1
030981	10	26	17	109	.3	31	6	31	3.43	27	5	ND	2	61	.2	2	2	31	.01	.031	2	16	.03	75	.01	7	.59	.02	.29	1	1
030982	11	22	22	73	.3	26	5	29	2.48	28	5	ND	2	124	.2	2	2	21	.01	.040	3	14	.02	92	.01	6	.48	.01	.23	1	1
030983	11	54	18	166	.3	46	13	107	3.28	32	5	ND	3	77	.2	2	2	22	.13	.034	3	12	.04	514	.01	6	.59	.01	.21	1	1
030984	16	47	18	42	.3	18	2	18	1.29	47	5	ND	2	124	.2	2	2	58	.17	.033	2	14	.06	337	.01	10	.61	.02	.23	1	1
030985	16	40	14	60	.2	21	3	26	1.73	43	5	ND	2	148	.2	2	2	65	.15	.051	2	16	.05	387	.01	9	.50	.01	.20	1	1
030986	22	69	15	18	1.6	21	1	20	.58	26	7	ND	2	159	.4	7	2	208	.13	.070	4	35	.04	471	.01	9	.40	.01	.14	1	3
030987	29	127	12	217	2.4	75	2	40	1.31	56	10	ND	2	349	4.5	12	3	399	.78	.542	7	76	.07	561	.01	16	.97	.01	.17	1	3
030988	30	76	10	99	2.1	23	1	25	1.18	41	5	ND	2	238	6.4	7	2	364	.62	.453	6	62	.04	392	.01	15	.63	.01	.16	1	2
030989	20	142	16	81	1.2	29	3	33	2.01	71	5	ND	1	228	4.3	6	2	182	.33	.231	3	43	.04	19	.01	12	.67	.01	.20	1	51
030990	3	25	33	300	.3	37	15	713	3.55	159	5	ND	13	281	1.0	18	4	32	2.56	.096	26	27	1.01	44	.01	3	.55	.01	.17	1	21
030991	7	42	15	457	.4	68	16	266	3.72	73	5	ND	2	181	1.9	2	2	42	1.13	.064	2	24	.36	11	.01	11	.63	.01	.25	1	3
030992	4	40	16	78	.2	35	10	29	2.55	41	5	ND	2	119	.2	2	2	21	.34	.027	2	17	.07	11	.01	11	.53	.01	.25	1	1
030993	15	51	15	282	.6	62	9	87	2.29	51	5	ND	2	165	2.6	6	2	76	.29	.064	3	46	.10	12	.01	15	.60	.01	.22	1	2
030994	16	94	14	448	1.3	72	12	138	2.11	48	5	ND	3	294	4.8	12	2	227	.95	.194	6	74	.32	15	.01	20	.79	.01	.25	1	10
030995	11	54	12	299	.6	74	12	115	2.22	46	6	ND	5	145	3.3	-8	2	58	.43	.041	6	32	.20	13	.01	12	.47	.01	.19	1	9
030996	15	43	15	410	.6	95	11	73	2.28	78	5	ND	2	61	4.5	10	2	67	.21	.027	5	42	.10	8	.01	8	.39	.01	.13	1	37
030997	24	172	5	1065	4.3	208	5	62	1.02	82	16	ND	3	390	17.5	22	2	315	3.26	1.252	11	201	.19	24	.01	20	.98	.01	.18	1	13
030998	29	159	6	1270	4.1	170	4	51	.83	66	9	ND	2	316	23.1	14	2	560	2.52	.886	12	231	.19	32	.01	15	.69	.01	.14	2	6
030999	15	156	10	876	5.1	146	6	60	1.29	77	11	ND	3	254	4.0	11	2	124	2.48	.893	9	195	.13	20	.01	15	.63	.01	.15	1	3
STANDARD C/AU-R	18	63	41	133	7.0	71	34	1062	3.97	37	16	6	40	53	18.9	15	21	57	.48	.090	40	59	.91	175	.09	32	1.93	.06	.15	13	510

BCRC 91-523

Lucky BCRC 91-524

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
BCRE 91-524																															
031000	8	76	8	720	2.9	87	6	312	1.38	616	5	ND	3	306	1.6	10	2	84	4.11	.412	10	115	1.75	57	.01	11	.49	.01	.11	3	68
031001	31	76	5	435	2.0	100	6	227	1.17	85	10	ND	2	231	1.0	9	2	107	3.42	.414	9	171	1.38	63	.01	16	.54	.01	.15	1	18
031002	22	23	18	133	.2	44	5	57	2.71	50	5	ND	4	134	.2	8	2	51	.16	.043	19	15	.05	482	.01	5	.65	.02	.20	1	6
031003	8	30	16	174	.1	55	13	187	4.38	48	5	ND	4	130	.4	2	2	30	.08	.040	11	3	.05	563	.01	4	.82	.02	.23	1	3
031004	8	29	19	117	.1	33	9	112	2.37	24	5	ND	2	109	.2	3	2	22	.11	.022	4	4	.05	472	.01	5	.65	.02	.21	1	1
LUCKY BCRE 91-525																															
031005	7	40	16	224	.1	75	17	142	3.96	36	5	ND	3	146	.9	2	2	30	.14	.041	4	1	.06	776	.01	5	.97	.02	.23	1	11
031006	9	28	21	140	.1	42	9	48	2.73	45	5	ND	2	151	.4	2	2	28	.20	.043	4	1	.05	629	.01	4	.84	.02	.26	1	1
031007	6	36	14	232	.1	76	17	168	3.77	50	5	ND	2	114	.8	2	2	28	.80	.040	3	12	.05	175	.01	2	.76	.02	.20	1	2
031008	6	35	14	288	.2	110	22	383	4.50	91	5	ND	4	106	.6	6	2	51	2.58	.040	16	19	.09	44	.01	6	.98	.01	.21	1	7
031009	7	36	16	257	.1	67	12	110	3.44	599	5	ND	6	150	1.2	6	2	82	.83	.048	26	23	.12	317	.01	8	1.51	.01	.28	1	35
031010	7	34	12	215	.2	61	11	118	3.52	598	5	ND	6	170	.4	6	2	55	.83	.049	22	13	.08	319	.01	7	.91	.01	.23	1	8
031011	6	37	16	227	.1	63	10	83	3.22	61	5	ND	6	126	.3	2	2	50	.61	.044	27	12	.10	327	.01	6	.97	.01	.23	1	7
031012	6	40	16	312	.2	91	18	298	3.73	51	5	ND	6	125	1.1	2	2	49	.63	.048	23	26	.61	46	.01	7	.93	.01	.26	1	3
031013	6	37	21	300	.2	72	15	215	3.28	45	5	ND	5	149	1.6	2	2	44	.97	.046	23	25	.61	44	.01	5	.88	.01	.26	1	1
031014	6	38	14	297	.1	65	14	174	3.17	38	5	ND	3	149	1.6	2	2	42	.92	.045	9	22	.59	54	.01	4	.75	.02	.22	1	1
031015	19	41	20	214	.2	111	16	112	4.13	65	5	ND	2	144	.8	2	2	38	.91	.052	4	29	.56	22	.01	6	.80	.02	.24	1	1
031016	9	40	17	224	.2	80	17	195	4.05	44	5	ND	2	164	.7	2	2	37	.88	.049	4	28	.74	35	.01	4	.97	.02	.24	1	2
031017	8	34	19	190	.1	68	17	252	4.54	34	5	ND	2	118	.3	2	2	26	.63	.043	3	24	.83	36	.01	5	.70	.02	.21	1	1
031018	7	35	14	187	.1	68	20	278	5.01	26	5	ND	1	60	.4	2	2	24	.47	.033	3	22	.97	32	.01	2	.83	.03	.25	1	3
031019	7	33	12	202	.1	67	16	210	3.94	27	5	ND	2	168	.5	2	2	31	.80	.035	3	25	.82	60	.01	4	.86	.02	.23	1	1
031020	5	34	15	271	.2	61	15	260	4.05	29	5	ND	2	106	1.4	2	2	40	.57	.040	4	20	.77	67	.01	3	.76	.02	.22	1	2
LUCKY BCRE 91-526																															
031021	10	44	26	131	.3	26	4	31	2.59	36	5	ND	7	146	.2	3	2	63	.05	.067	28	2	.05	1692	.01	16	.85	.01	.25	1	3
031022	10	34	21	98	.3	24	4	40	2.82	56	5	ND	8	121	.2	2	3	56	.02	.056	27	13	.04	1011	.01	16	.76	.01	.29	1	2
031023	10	17	33	39	.4	9	2	21	1.60	49	5	ND	6	129	.2	6	2	39	.02	.039	25	11	.02	968	.01	12	.49	.01	.24	1	1
031024	14	17	21	11	.4	4	1	12	.86	25	5	ND	5	119	.2	4	2	51	.02	.024	19	25	.03	707	.01	18	.59	.01	.27	1	7
031025	31	30	24	51	.2	9	1	16	1.76	73	5	ND	5	250	.2	6	2	82	.03	.049	22	20	.03	497	.01	12	.56	.01	.25	1	3
031026	15	29	29	85	.2	29	5	56	2.31	67	5	ND	6	204	.2	8	2	62	.02	.044	21	18	.03	705	.01	12	.54	.01	.21	1	3
031027	14	65	33	565	.1	113	22	984	5.15	103	5	ND	13	164	7.2	7	2	20	.16	.087	37	12	.06	894	.01	7	1.11	.01	.16	3	3
031028	17	98	46	433	.2	135	18	487	4.47	333	5	ND	11	522	2.6	15	2	46	.15	.155	38	17	.05	500	.01	7	1.58	.01	.21	2	49
031029	15	46	25	487	.1	117	25	1369	3.29	91	5	ND	10	131	7.5	6	2	22	.63	.100	32	30	.12	338	.01	6	.95	.01	.16	1	7
031030	23	70	78	164	.9	36	4	93	2.16	90	5	ND	6	788	1.0	20	2	81	.19	.128	27	17	.06	692	.01	9	.97	.01	.25	1	13
031031	29	34	34	70	.4	15	2	28	1.32	56	5	ND	4	238	.2	13	2	55	.15	.052	19	5	.05	915	.01	15	.58	.01	.23	1	7
031032	16	22	29	38	.3	11	1	15	1.04	44	5	ND	5	249	.2	10	2	47	.14	.037	22	14	.05	805	.01	18	.54	.01	.27	1	3
031033	16	50	13	15	1.0	17	1	13	.56	28	5	ND	3	371	.2	11	2	118	.22	.089	13	32	.04	1661	.01	21	.52	.01	.17	1	18
031034	17	34	19	25	.9	17	1	15	.70	47	5	ND	4	275	.2	12	2	105	.77	.121	18	48	.05	169	.01	25	.70	.01	.25	1	10
031035	12	35	9	426	.4	67	12	979	2.05	76	5	ND	2	354	4.7	12	2	69	9.25	.037	10	25	3.43	26	.01	17	.69	.02	.21	2	1
STANDARD C/AU-R	18	58	40	131	6.9	70	32	1036	3.91	38	18	7	39	53	18.6	18	19	54	.48	.090	39	57	.87	181	.09	34	1.89	.06	.15	11	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
031036	8	25	35	223	.4	29	9	562	3.01	45	5	ND	6	281	2.3	13	2	41	2.64	.069	19	44	.65	47	.01	7	.66	.01	.14	1	4
031037	4	15	33	161	.2	19	9	813	3.39	40	5	ND	7	285	.4	11	2	29	2.96	.036	21	36	.91	91	.01	2	.65	.01	.12	1	2
031038	3	13	24	188	.2	27	11	790	3.57	39	5	ND	9	310	.2	8	2	33	3.40	.093	27	38	.99	86	.01	5	.64	.01	.16	1	2
031039	9	26	21	196	.5	34	8	440	2.31	30	5	ND	5	351	1.0	12	2	38	2.84	.048	19	41	1.02	36	.01	8	.44	.01	.18	1	1
031040	15	41	19	281	.4	59	10	129	2.62	50	5	ND	6	242	2.9	9	2	67	.70	.072	25	43	.13	29	.01	9	.66	.01	.23	1	4
031041	4	16	23	143	.2	37	12	668	3.54	29	5	ND	7	524	.2	8	2	23	3.28	.073	19	43	1.02	54	.01	7	.55	.01	.20	1	3
031042	4	18	19	105	.2	35	11	641	4.14	37	5	ND	9	355	.2	11	2	30	3.48	.088	24	41	1.05	152	.01	6	.59	.01	.17	1	2
031043	4	25	27	146	.2	29	11	633	3.46	121	5	ND	10	422	.2	10	2	32	3.54	.082	28	37	1.08	255	.01	7	.64	.01	.18	1	2
031044	5	47	54	113	.8	29	11	928	4.01	573	5	ND	10	435	.2	358	2	21	3.46	.095	23	35	.96	71	.01	9	.78	.01	.24	1	280
031045	4	12	43	143	.6	16	10	1299	3.71	753	5	ND	12	440	.3	38	2	19	3.62	.094	25	37	1.03	72	.01	7	.56	.01	.23	1	350
031046	5	14	47	172	.9	12	8	1575	3.33	894	5	ND	11	427	.9	22	2	15	3.69	.082	20	46	1.00	61	.01	7	.49	.01	.21	1	820
031047	4	10	39	144	.6	11	7	1368	3.34	2026	5	ND	8	528	.6	24	2	14	3.74	.085	17	37	1.08	45	.01	11	.52	.01	.24	1	860
031048	4	20	19	80	.4	21	9	913	3.45	651	5	ND	9	497	.2	15	2	19	3.57	.097	21	32	1.02	63	.01	13	.59	.01	.26	1	220
031049	5	12	26	92	.5	16	8	1263	3.45	520	5	ND	9	500	.4	19	2	19	3.64	.094	17	40	1.09	45	.01	12	.58	.01	.26	1	270
031050	6	20	43	191	1.2	30	9	1148	3.32	2160	5	ND	7	433	1.0	42	2	34	2.81	.067	19	41	.93	34	.01	7	.67	.01	.20	1	3440
031051	4	16	115	372	1.5	26	9	1276	3.25	1933	5	ND	8	244	3.5	55	2	45	2.43	.028	19	39	.91	47	.01	5	.59	.01	.11	1	1980
031052	6	29	23	234	.2	55	12	377	3.48	235	5	ND	7	209	.7	13	4	68	1.48	.058	24	33	.74	35	.01	5	.90	.01	.24	1	54
031053	4	23	19	155	.1	31	11	539	3.58	59	5	ND	9	255	.2	5	2	49	2.47	.083	32	30	.82	80	.01	3	.81	.01	.23	1	12
031054	10	39	16	269	.3	81	14	173	3.14	65	5	ND	5	112	1.4	3	2	39	.52	.055	19	25	.41	33	.01	5	.59	.01	.23	1	5
031055	6	34	16	254	.1	69	16	169	3.10	49	5	ND	6	95	1.1	3	2	32	.29	.038	29	22	.52	47	.01	5	.70	.02	.29	1	2
031056	6	26	21	195	.1	49	15	341	3.67	153	5	ND	8	187	.7	4	2	30	1.07	.057	32	45	.78	48	.01	6	.75	.02	.27	1	1
031057	7	27	17	225	.2	61	12	284	3.07	132	5	ND	6	201	1.0	8	2	43	1.13	.052	25	28	.67	32	.01	4	.63	.01	.23	1	11
031058	3	15	26	106	.2	10	8	706	3.21	298	5	ND	9	294	.3	9	2	25	3.21	.026	18	35	1.18	32	.01	4	.70	.01	.14	1	22
031059	4	14	22	97	.1	12	9	793	3.17	452	5	ND	12	350	.3	11	2	29	3.37	.038	19	41	1.17	101	.01	2	.71	.01	.13	1	1
031060	3	15	29	92	.3	10	8	840	3.21	603	5	ND	11	276	.4	12	2	31	3.32	.027	17	37	1.19	159	.01	4	.82	.01	.13	1	190
031061	4	19	48	144	.8	11	9	821	3.58	892	5	ND	11	290	.9	15	2	30	3.18	.027	17	39	1.16	87	.01	2	.72	.01	.12	1	310
031062	3	15	45	133	.2	11	9	693	3.27	126	5	ND	16	176	.7	6	2	61	2.56	.084	41	39	1.17	200	.01	2	.97	.01	.13	1	3
031063	2	13	29	107	.1	11	9	611	3.07	43	5	ND	17	96	.2	5	2	65	1.61	.103	54	29	1.04	465	.03	2	1.36	.01	.22	1	7
031064	3	12	26	97	.1	10	8	597	3.05	41	5	ND	15	103	.2	3	2	60	2.07	.089	56	23	.95	902	.01	2	.72	.01	.07	1	4
031065	4	13	30	98	.1	11	9	726	3.16	60	5	ND	13	120	.2	5	2	60	2.76	.040	23	16	1.08	1350	.01	2	.73	.01	.04	1	3
031066	3	14	46	113	.1	12	9	836	3.50	41	5	ND	13	120	.3	2	2	51	1.93	.040	19	19	1.04	1136	.01	2	.83	.01	.03	1	2
031067	3	14	40	113	.1	11	10	963	3.76	85	5	ND	13	165	.2	5	2	52	2.62	.043	20	32	1.16	868	.01	2	.85	.01	.02	1	1
031068	3	13	45	119	.2	11	9	702	2.94	43	5	ND	13	209	.2	5	2	47	4.03	.052	33	19	1.54	1512	.01	2	1.03	.01	.02	1	1
031069	3	12	29	103	.1	13	8	605	3.22	45	5	ND	15	238	.2	6	2	57	3.76	.060	43	19	1.53	1645	.01	2	.99	.01	.03	1	1
031070	3	14	24	106	.1	11	9	567	2.28	53	5	ND	16	166	.2	4	2	55	3.13	.091	56	28	1.09	859	.01	2	.78	.01	.05	1	1
031071	3	14	16	93	.1	10	8	667	3.13	37	5	ND	15	213	.2	4	2	62	3.35	.084	50	39	1.34	461	.01	2	.79	.01	.07	1	1
STANDARD C/AU-R	18	56	39	132	7.4	70	32	1039	3.95	37	17	7	38	52	18.9	15	19	57	.48	.089	38	58	.88	176	.09	33	1.89	.06	.15	12	530

Lucky BERC 91-526

BCEC 91-526

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
031072	1	10	29	101	.1	10	7	746	2.93	32	5	ND	15	263	.5	7	5	47	3.87	.052	34	32	1.55	469	.01	2	.64	.01	.05	1	1
031073	3	10	28	84	.1	10	7	654	2.83	68	5	ND	13	222	.4	6	7	47	2.92	.050	21	38	1.24	623	.01	3	.66	.01	.09	1	3
031074	3	15	32	94	.1	10	8	490	2.78	258	5	ND	13	241	.3	5	6	46	2.33	.051	34	41	1.06	619	.01	2	.62	.01	.09	1	7
031075	6	27	34	242	.1	45	9	397	2.84	97	5	ND	8	204	2.1	5	2	54	2.03	.041	19	36	.87	39	.01	3	.55	.01	.15	1	2
031076	3	18	66	133	.3	16	8	624	2.98	68	5	ND	12	228	.2	3	2	52	2.43	.083	30	37	1.10	552	.01	2	.72	.01	.13	1	5
031077	1	16	36	117	.2	11	8	627	3.14	34	5	ND	13	276	.4	3	4	42	2.69	.096	34	26	1.11	478	.01	4	.73	.01	.15	1	4
031078	5	21	34	172	.2	31	9	464	2.77	46	5	ND	10	224	.5	4	3	47	1.98	.079	24	29	.85	55	.01	5	.65	.02	.17	1	4

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-031 330 File # 91-2283 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
031079	11	25	40	63	.3	15	3	78	1.53	28	5	ND	7	126	.2	6	2	52	.22	.033	26	39	.11	232	.01	17	.83	.01	.33	1	6
031080	12	59	52	14	.2	8	1	17	1.39	31	8	ND	5	221	.2	4	2	60	.03	.050	21	30	.04	168	.01	14	.56	.01	.25	1	2
031081	5	214	19	239	.1	76	14	246	3.23	124	5	ND	12	368	5.6	7	2	90	.23	.144	39	39	.10	335	.01	7	1.56	.02	.26	1	1
031082	4	22	18	232	.1	31	13	661	3.96	49	5	ND	14	132	1.9	5	2	32	1.40	.115	41	27	.44	554	.01	7	.85	.01	.23	1	3
031083	4	27	20	320	.1	39	14	622	3.92	82	5	ND	14	147	3.3	6	2	42	1.90	.119	44	30	.54	685	.01	7	1.21	.01	.25	1	1
031084	7	16	27	152	.2	26	9	413	2.82	36	5	ND	9	254	.7	5	2	37	1.75	.075	32	14	.34	695	.01	12	.71	.01	.25	1	2
031085	9	48	42	214	.3	53	11	460	3.55	191	5	ND	9	319	2.7	12	2	46	.77	.089	30	32	.24	112	.01	10	.91	.01	.27	1	28
031086	4	17	36	221	.2	31	11	656	3.53	437	5	ND	11	224	1.3	13	2	15	1.76	.089	28	32	.56	64	.01	9	.71	.01	.21	1	65
031087	8	26	39	158	.8	40	8	449	2.90	509	5	ND	7	200	1.7	24	2	30	.37	.067	23	28	.12	160	.01	7	.58	.01	.19	1	300
031088	4	28	43	283	.2	61	14	782	4.34	1478	5	ND	14	194	2.6	20	2	28	.67	.111	36	37	.19	165	.01	6	.86	.01	.21	1	260
031089	3	17	27	335	.2	56	16	910	4.49	557	5	ND	13	147	1.3	12	2	20	1.37	.092	36	21	.46	478	.01	7	.69	.01	.17	1	69
031090	3	12	29	212	.2	33	11	1030	3.60	267	5	ND	12	225	2.0	6	2	18	2.02	.070	31	20	.67	705	.01	9	.74	.01	.20	1	29
031091	3	12	26	162	.2	20	10	722	3.58	925	5	ND	12	254	.9	10	2	19	2.02	.060	35	18	.81	664	.01	7	.71	.01	.17	1	530
031092	4	24	19	235	.2	43	13	461	3.14	517	5	ND	9	234	2.0	10	2	34	1.68	.071	33	25	.45	205	.01	10	.75	.01	.24	1	370
031093	5	14	25	148	.3	19	8	464	2.89	183	5	ND	9	268	.3	10	2	38	2.29	.067	28	32	.56	95	.01	12	.80	.01	.26	1	51
031094	2	18	22	230	.1	34	12	856	4.15	102	5	ND	12	259	.6	11	2	45	2.80	.114	35	32	.81	163	.01	4	.79	.01	.16	1	18
031095	3	20	44	269	.3	43	11	598	3.32	64	5	ND	10	262	1.6	10	2	55	2.65	.100	29	35	.76	84	.01	6	.75	.01	.15	1	8
031096	20	70	39	80	.6	36	5	74	1.70	59	5	ND	3	474	6.7	11	2	187	.73	.300	12	72	.09	42	.01	18	1.02	.01	.22	1	5
031097	4	18	20	356	.1	48	12	678	3.58	46	5	ND	8	399	1.6	10	2	37	3.24	.093	21	35	1.09	90	.01	8	.71	.01	.17	1	6
031098	4	19	17	330	.2	35	12	690	3.83	46	5	ND	10	319	.8	12	2	30	2.92	.100	24	36	.97	155	.01	10	.59	.01	.19	1	1
031099	5	19	30	288	.2	33	9	469	3.38	54	5	ND	7	328	.6	13	2	27	2.22	.056	23	28	.64	115	.01	7	.57	.01	.19	1	4
031100	9	20	54	173	.2	30	10	652	3.85	50	5	ND	7	427	.4	6	2	22	2.96	.075	17	72	.98	66	.01	13	.88	.01	.29	1	4
031101	5	29	38	124	.2	28	9	640	4.03	131	5	ND	5	375	.7	9	2	19	2.87	.049	12	30	1.02	47	.01	9	.69	.01	.23	1	4
031102	4	18	24	100	.1	19	9	630	3.76	67	5	ND	6	431	.3	6	2	15	3.18	.048	14	28	1.11	34	.01	13	.71	.01	.22	1	6
031103	2	8	28	249	.1	17	10	804	3.98	132	5	ND	11	429	.6	5	2	19	3.34	.089	26	22	1.14	284	.01	10	.67	.01	.23	1	25
031104	2	9	24	238	.1	16	9	750	3.78	412	5	ND	11	397	.6	10	2	16	3.06	.089	24	25	1.05	84	.01	8	.58	.01	.23	1	92
031105	2	9	23	221	.1	20	9	724	3.74	81	5	ND	12	345	.3	8	2	19	3.12	.093	30	25	1.05	222	.01	8	.77	.01	.25	1	12
031106	2	9	105	338	.4	18	9	825	3.80	66	5	ND	11	335	2.1	11	2	19	3.28	.085	25	25	1.08	109	.01	8	.70	.01	.20	1	13
031107	2	9	39	150	.3	17	9	920	3.82	453	5	ND	9	412	.6	10	2	18	3.28	.040	19	24	1.12	141	.01	10	.80	.01	.23	1	73
031108	3	9	30	94	.4	12	8	872	3.68	811	5	ND	7	516	.9	13	3	14	3.41	.044	17	24	1.13	117	.01	14	.67	.01	.23	1	210
031109	16	23	34	125	.2	68	6	659	2.59	1485	5	ND	4	386	.8	32	2	131	2.77	.219	12	44	.82	54	.01	14	.69	.01	.21	1	530
031110	9	36	28	174	.6	86	14	317	3.58	260	5	ND	6	236	1.3	18	2	32	.99	.059	22	34	.50	36	.01	8	.63	.01	.27	1	27
031111	3	13	28	129	.3	15	8	742	3.57	605	5	ND	8	445	.5	16	2	15	3.19	.090	21	26	1.09	154	.01	10	.56	.01	.26	1	79
031112	6	25	25	195	.5	63	12	453	3.67	1416	5	ND	5	297	.8	25	2	25	1.66	.054	20	26	.60	36	.01	6	.59	.01	.25	1	230
031113	4	19	44	131	1.0	23	9	1109	3.72	2321	5	ND	9	212	.7	1348	2	40	2.19	.025	17	37	.87	99	.01	4	.55	.01	.11	1	2010
031114	3	15	30	97	.9	16	9	1174	3.96	2936	5	ND	10	161	.5	91	2	50	1.96	.024	16	35	.87	291	.01	3	.73	.01	.08	1	2930
STANDARD C/AU-R	18	58	38	132	6.9	69	30	1072	4.00	38	17	6	37	52	18.7	19	19	56	.51	.092	36	57	.87	181	.09	34	1.94	.06	.16	11	460

Leary 91-522 BCRC

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 4 1991 DATE REPORT MAILED: July 9/91. SIGNED BY. ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

JUL-10-1991 7:44 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
031115	2	16	33	106	.3	17	9	969	3.27	1051	5	ND	11	137	.2	59	2	50	1.01	.031	19	38	.60	447	.01	2	.81	.01	.03	1	1140
031116	3	17	35	117	.3	17	10	928	3.39	482	5	ND	12	156	.2	47	2	53	.78	.034	23	37	.50	213	.01	2	.81	.01	.05	1	280
031117	2	15	33	111	.2	16	10	706	3.58	331	5	ND	15	152	.2	28	2	57	1.07	.075	33	31	.67	672	.01	2	.85	.01	.05	1	110
031118	2	13	26	111	.1	17	9	651	3.52	151	5	ND	18	109	.2	43	2	70	2.15	.099	54	40	.94	563	.01	2	.88	.01	.09	1	47
031119	5	11	25	261	.2	35	11	879	3.66	60	5	ND	15	122	.2	6	2	45	2.44	.111	38	35	.64	109	.04	2	1.18	.01	.32	1	13
031120	5	14	23	132	.3	19	9	778	3.37	251	5	ND	14	269	.2	11	2	30	2.96	.104	29	31	.95	64	.01	3	.79	.01	.21	1	38
031121	5	11	23	207	.1	42	10	709	3.56	339	5	ND	14	270	2.3	10	2	48	2.71	.097	32	31	.84	672	.01	2	.97	.01	.12	1	55
031122	7	18	23	305	.2	74	13	694	3.51	156	5	ND	14	216	5.8	8	2	55	2.18	.117	32	34	.74	439	.01	3	1.26	.01	.17	1	18
031123	18	86	27	462	1.1	97	11	539	2.68	156	5	ND	10	468	6.7	8	2	234	2.33	.430	32	66	.41	1266	.01	9	1.34	.01	.21	1	4
031124	5	28	21	188	.1	31	12	685	3.17	51	5	ND	12	180	2.4	5	2	35	2.40	.102	35	28	.65	325	.01	2	.98	.01	.17	1	5
031125	4	20	24	188	.2	27	10	666	3.06	47	5	ND	14	268	2.0	8	2	25	2.67	.094	31	30	.85	353	.01	4	.79	.01	.21	1	6
031126	3	19	28	186	.4	22	10	750	3.16	805	5	ND	12	338	1.7	15	2	15	2.82	.076	20	24	1.01	70	.01	4	.73	.01	.17	1	250
031127	19	55	76	254	2.5	52	6	564	2.31	855	5	ND	7	576	4.4	34	2	258	2.71	.528	20	83	.68	37	.01	13	1.28	.01	.24	1	280
031128	24	69	46	469	1.0	51	9	589	2.92	201	5	ND	10	531	9.7	19	2	319	2.63	.333	28	62	.72	67	.01	10	1.04	.01	.23	1	20
031129	4	14	24	252	.3	35	11	779	3.69	93	5	ND	13	323	1.4	12	2	40	2.95	.114	32	38	.94	48	.01	2	1.08	.01	.20	1	10
031130	3	21	23	326	.3	40	13	804	3.69	156	5	ND	12	346	2.5	13	2	34	2.70	.115	33	26	.99	61	.01	2	.84	.01	.16	1	19
031131	28	126	23	346	2.2	53	6	300	2.01	89	5	ND	6	484	9.7	16	2	581	2.35	.529	25	115	.44	62	.01	22	1.16	.01	.30	1	15
031132	21	91	15	563	2.5	79	6	433	2.35	203	8	ND	5	523	8.5	23	2	545	2.95	.705	16	106	.67	34	.01	16	1.26	.01	.21	1	33
031133	5	21	13	168	.4	27	10	558	2.96	465	5	ND	8	484	.9	12	2	66	3.12	.149	21	43	1.15	42	.01	10	.61	.01	.22	1	62
031134	3	17	13	115	.2	23	10	565	3.09	57	5	ND	11	389	.8	10	2	33	2.96	.104	22	33	1.09	74	.01	9	.71	.01	.24	1	9
031135	4	19	12	161	.2	26	11	564	3.12	51	5	ND	12	322	1.0	16	2	40	2.81	.091	27	43	1.13	72	.02	8	1.14	.02	.33	1	2
031136	2	19	21	172	.2	30	12	666	3.10	58	5	ND	11	385	.9	28	2	29	3.03	.093	24	36	1.12	110	.01	7	.97	.01	.23	1	1
031137	3	19	29	132	.3	21	10	673	3.06	35	5	ND	9	465	.8	15	2	23	3.30	.088	20	37	1.27	67	.01	11	.80	.01	.26	1	4
031138	2	27	34	209	.4	25	10	718	3.44	441	5	ND	7	372	1.0	11	2	16	2.89	.053	13	21	.94	44	.01	8	.78	.01	.21	1	38
031139	3	26	38	214	.3	25	11	662	3.51	513	5	ND	8	372	.7	9	2	19	2.97	.057	13	18	.95	42	.01	8	.79	.01	.21	1	44
031140	3	20	31	150	.3	26	9	688	3.36	142	5	ND	9	375	.5	8	2	23	3.19	.073	17	19	1.10	47	.01	8	.88	.01	.23	1	6
031141	2	13	31	119	.2	18	9	713	3.36	549	5	ND	10	410	.3	9	2	16	3.51	.084	21	22	1.16	84	.01	12	.80	.01	.26	1	64
031142	1	13	32	144	.2	15	9	802	3.37	496	5	ND	12	434	.2	9	2	15	3.55	.071	23	19	1.26	124	.01	9	.76	.01	.21	1	280
031143	1	16	40	123	.3	13	8	793	3.12	417	5	ND	12	349	.4	9	2	23	3.38	.064	24	23	1.17	264	.01	8	.90	.01	.21	1	240
031144	3	16	34	144	.4	15	9	919	3.30	283	5	ND	13	402	.9	11	2	18	3.61	.091	27	32	1.17	205	.01	10	.68	.01	.26	1	52
031145	2	18	323	533	1.8	14	9	1300	3.35	1468	5	ND	11	483	4.4	160	2	13	3.82	.078	17	32	1.24	46	.01	8	.63	.01	.21	1	390
031146	2	16	62	206	.5	15	9	834	3.36	153	5	ND	14	326	1.8	16	2	33	3.22	.101	28	34	1.11	204	.01	6	1.13	.01	.24	1	22
031147	3	13	63	173	1.1	13	8	938	3.21	153	5	ND	11	431	1.4	16	7	18	3.56	.093	19	33	1.13	66	.01	9	.70	.01	.26	1	11
031148	2	11	40	139	1.0	12	8	753	3.21	140	5	ND	11	408	.8	11	2	27	3.57	.091	23	27	1.16	151	.01	7	.99	.01	.22	1	2
031149	5	17	30	122	.5	13	8	633	3.11	91	5	ND	12	359	.6	9	2	44	3.24	.098	24	46	1.07	206	.01	6	1.14	.01	.21	1	14
031150	13	48	23	474	.6	69	10	418	2.76	76	5	ND	7	336	4.8	12	2	217	2.24	.150	20	50	.82	45	.01	9	.90	.01	.22	1	5
STANDARD C/AU-R	18	61	39	133	7.4	69	34	1062	4.00	40	18	6	39	53	18.8	15	19	57	.48	.089	40	58	.89	178	.09	32	1.96	.06	.15	12	480

Lucky 91-527

Lucky 91-528 BCRC

JUL-10-1991 7:45 FROM ACME ANALYTICAL TO NORANDA YT P.003

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
031151	8	39	20	329	.2	93	16	210	3.07	65	5	ND	8	166	2.5	8	2	44	.62	.057	26	27	.46	21	.01	8	.50	.01	.18	1	7
031152	7	32	21	274	.3	61	13	453	3.47	162	5	ND	10	240	1.9	17	2	46	1.67	.074	25	44	.76	22	.01	7	.59	.01	.17	1	25
031153	2	17	29	155	.2	20	10	883	3.26	260	5	ND	15	254	.6	720	2	48	2.50	.046	20	35	1.02	151	.01	4	.69	.01	.09	1	260
031154	1	16	29	172	.2	23	11	775	3.58	101	5	ND	19	185	.6	207	2	78	2.36	.069	37	42	1.08	497	.01	2	.75	.01	.07	1	21
031155	2	11	31	170	.2	22	11	1084	3.97	157	5	ND	15	174	.4	78	2	56	1.31	.047	23	45	.66	249	.01	3	.79	.01	.05	1	20
031156	2	18	29	129	.1	17	9	1210	3.34	64	5	ND	15	168	.3	33	2	66	2.13	.050	19	42	.98	625	.01	2	.89	.01	.03	1	12
031157	1	18	40	172	.4	19	10	1356	3.61	189	5	ND	15	226	.5	17	2	58	2.09	.043	24	39	.95	67	.01	5	.72	.01	.06	1	38
031158	2	16	192	375	2.1	23	11	1709	4.33	616	5	ND	12	232	2.2	59	2	49	1.81	.041	21	48	.82	32	.01	4	.66	.01	.07	1	270
031159	2	14	63	202	.2	19	10	1222	4.27	141	5	ND	14	158	.8	25	2	53	1.02	.044	21	40	.65	190	.01	4	.65	.01	.02	1	33
031160	2	11	32	185	.1	19	10	892	3.52	68	5	ND	14	148	.4	35	2	58	2.04	.040	19	34	.94	640	.01	2	.71	.01	.04	1	15
031161	1	21	83	427	1.0	20	11	1853	4.79	577	7	ND	12	223	3.2	37	2	47	2.30	.026	17	31	1.00	30	.01	3	.54	.01	.08	1	260
031162	1	17	43	143	.4	15	10	1459	4.64	327	5	ND	14	161	.4	19	2	51	1.29	.052	29	45	.71	92	.01	3	.78	.01	.07	1	110
031163	2	19	674	895	4.1	21	11	1706	4.22	452	5	ND	13	172	6.9	250	2	43	1.19	.044	29	34	.61	30	.01	2	.68	.01	.05	1	270
031164	1	25	336	525	5.5	19	10	2477	4.61	928	5	ND	11	277	5.0	1727	2	36	2.72	.049	21	36	1.05	14	.01	5	.55	.01	.10	1	640
031165	2	23	363	699	3.6	18	10	2356	5.47	1465	5	2	8	233	7.5	6856	2	41	2.73	.045	26	40	1.05	18	.01	3	.55	.01	.09	1	870
031166	2	20	261	761	1.9	16	9	2433	4.79	1231	5	2	11	235	9.0	125	2	46	2.89	.036	18	38	1.14	17	.01	5	.60	.01	.09	1	1080
031167	1	21	276	495	1.9	14	8	2372	4.32	1207	5	2	10	279	5.5	2269	2	38	2.92	.027	13	29	1.15	21	.01	4	.38	.01	.08	1	1310
031168	1	18	87	225	.8	16	8	1915	3.16	451	5	ND	13	365	2.2	42	2	31	3.46	.059	16	29	1.15	33	.01	6	.61	.01	.10	1	120
031169	1	10	148	351	1.1	15	7	2037	3.18	731	5	ND	9	342	3.6	66	2	23	3.01	.041	10	27	1.03	25	.01	4	.41	.01	.10	1	630
031170	2	26	50	174	.4	36	11	975	3.51	470	5	ND	10	268	1.1	21	2	33	1.98	.054	21	26	.90	20	.01	5	.61	.01	.24	1	64
031171	5	31	21	254	.3	80	16	235	4.07	1304	5	ND	7	105	1.2	8	3	34	.47	.026	22	24	.49	12	.01	5	.56	.01	.25	1	360
031172	6	37	20	352	.3	78	15	167	2.97	89	5	ND	6	207	2.3	5	4	34	.85	.039	21	18	.63	21	.01	3	.45	.01	.19	1	8
031173	6	29	22	232	.1	64	12	177	2.93	56	5	ND	3	118	1.0	2	3	36	.51	.025	16	16	.58	18	.01	3	.40	.01	.15	1	6
STANDARD C/AU-R	18	57	38	131	6.6	71	33	1055	3.95	36	17	7	39	52	18.6	15	22	56	.48	.091	39	61	.89	177	.09	32	1.94	.06	.14	12	470

LUCKY BCRC 91-528

JUL-10-1991 7:46 FROM ACME ANALYTICAL TO NORANDA YT P.004

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-050 330 File # 91-2397 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
031174	11	173	25	497	.2	98	27	266	3.86	36	5	ND	4	166	11.0	5	2	60	.63	.043	8	1	.15	994	.01	11	.99	.02	.24	2	1
031175	5	47	21	291	.2	65	18	197	2.82	20	5	ND	4	113	10.4	6	2	43	.19	.029	8	1	.07	742	.01	10	.78	.02	.25	1	2
031176	5	35	20	237	.2	60	15	116	2.78	18	5	ND	5	102	1.5	2	2	25	.17	.033	18	1	.06	678	.01	9	.67	.02	.24	1	2
031177	4	35	21	218	.1	60	17	219	3.60	19	5	ND	5	91	3.9	3	2	25	.27	.034	12	1	.07	728	.01	7	.71	.02	.25	1	1
031178	4	40	17	219	.1	59	16	129	3.05	21	5	ND	7	158	7.0	2	3	30	.16	.038	20	1	.06	791	.01	7	.71	.02	.26	1	2
031179	5	36	26	201	.2	43	11	68	2.51	47	5	ND	8	198	5.1	5	3	41	.15	.046	29	1	.05	857	.01	9	.74	.01	.27	1	2
031180	4	17	20	375	.2	34	14	637	3.83	70	5	ND	13	248	7.6	8	2	28	2.05	.098	35	37	.78	209	.01	8	.86	.01	.22	1	3
031181	5	14	19	530	.1	31	12	676	3.66	56	5	ND	14	262	7.9	8	2	27	2.57	.105	39	28	.95	394	.01	5	.71	.01	.19	1	2
031182	10	18	20	642	.1	59	15	644	3.72	84	5	ND	13	227	5.7	12	2	43	1.90	.089	39	23	.55	479	.01	5	.66	.01	.17	1	1
031183	13	15	46	310	.3	37	12	920	3.69	294	5	ND	10	265	1.6	40	2	37	2.44	.034	28	30	.89	149	.01	4	.70	.01	.10	1	92
031184	14	16	57	525	.4	55	15	1067	4.04	467	5	ND	12	352	4.0	75	2	30	2.32	.057	32	28	.84	197	.01	6	.86	.01	.12	1	120
031185	8	15	33	376	.4	30	13	974	4.33	1269	5	2	12	388	1.3	57	2	35	2.38	.061	31	35	.91	233	.01	7	.90	.01	.13	1	1060
031186	14	48	70	751	.5	70	13	579	3.22	649	5	ND	9	449	7.7	31	2	155	2.07	.293	28	63	.55	109	.01	11	1.08	.01	.23	2	200
031187	4	17	23	274	.1	37	13	717	3.40	134	5	ND	12	261	1.0	46	2	21	2.61	.093	29	26	.83	223	.01	6	.67	.01	.19	1	18
031188	4	19	21	188	.2	31	13	743	3.27	99	5	ND	11	441	.4	32	2	20	3.04	.088	30	24	1.22	468	.01	7	.68	.01	.21	1	6
031189	4	18	27	156	.2	26	12	783	3.59	280	5	ND	10	488	.6	26	2	19	3.30	.059	23	33	1.25	187	.01	8	.86	.01	.23	1	30
031190	4	18	39	269	.2	30	12	896	3.63	566	5	ND	9	476	.8	32	2	20	3.15	.033	21	35	1.30	192	.01	8	.76	.01	.19	1	70
031191	3	16	26	220	.3	23	12	838	3.59	1236	5	ND	7	450	.6	25	2	19	3.22	.029	17	26	1.20	371	.01	6	.60	.01	.16	1	380
031192	4	16	27	154	.3	17	10	779	3.48	3335	5	ND	8	405	.5	31	2	16	3.11	.036	19	41	1.04	162	.01	7	.69	.01	.17	1	1990
031193	2	11	30	178	.4	16	9	789	3.28	3000	5	3	10	294	.7	24	2	18	2.95	.051	21	22	1.01	264	.01	5	.64	.01	.15	1	3130
031194	5	18	28	408	.1	88	12	807	3.49	532	5	ND	10	269	12.1	36	2	30	3.07	.041	27	30	1.06	851	.01	8	1.23	.01	.17	1	410
031195	5	22	29	461	.2	58	13	869	3.70	333	5	ND	10	324	10.3	26	2	41	2.67	.081	27	19	.91	664	.01	7	1.11	.01	.20	1	130
031196	3	10	27	291	.1	31	10	714	3.68	1111	5	ND	11	464	4.9	18	2	20	3.30	.084	22	23	1.07	133	.01	8	.83	.01	.19	1	260
031197	2	7	28	251	.1	27	11	713	3.75	155	5	ND	13	297	1.5	10	2	28	2.97	.080	32	13	.96	682	.01	6	.83	.01	.16	1	25
031198	3	14	21	431	.1	71	13	686	4.07	93	5	ND	12	247	10.3	18	2	33	2.52	.088	31	19	.82	421	.01	6	.89	.01	.20	1	18
031199	5	12	25	133	.1	25	9	569	3.43	305	5	ND	12	383	1.2	52	2	28	2.95	.088	29	29	.89	405	.01	8	1.10	.02	.27	1	260
031200	3	10	30	192	.2	25	8	523	3.25	132	5	ND	9	414	1.0	15	2	20	3.36	.077	22	17	1.05	263	.01	8	.83	.01	.27	1	74
031201	7	37	27	241	.3	72	15	308	3.55	78	5	ND	7	180	1.6	13	2	35	1.05	.047	26	33	.48	90	.01	5	.65	.01	.24	1	25
031202	7	39	24	262	.2	69	17	231	3.82	84	5	ND	7	110	.8	10	2	37	.50	.045	29	24	.48	46	.01	7	.71	.02	.29	1	19
031203	5	33	22	196	.3	74	17	407	4.07	355	5	ND	7	191	.7	22	2	31	1.21	.034	26	22	.67	48	.01	4	.67	.01	.28	1	120
031204	2	11	37	173	.4	13	9	974	3.74	595	5	ND	9	279	.6	32	2	18	2.64	.028	17	22	1.02	33	.01	8	.60	.01	.17	1	280
031205	2	9	32	122	.5	15	8	876	3.42	2542	5	2	8	284	.3	40	2	12	2.79	.032	15	23	.99	46	.01	5	.59	.01	.17	1	1380
031206	4	12	45	180	.4	19	10	953	3.77	1024	5	ND	9	246	.8	28	2	21	2.54	.034	17	35	.99	57	.01	5	.65	.01	.18	1	430
031207	4	18	58	236	.6	33	10	612	3.60	174	5	ND	9	212	1.1	32	2	32	1.95	.058	22	26	.87	76	.01	4	.68	.01	.18	1	44
031208	9	42	21	326	.3	93	17	239	3.88	67	5	ND	6	106	1.8	10	2	49	.43	.038	26	50	.58	41	.01	7	.83	.02	.29	1	8
031209	8	39	12	270	.2	82	16	222	3.50	56	5	ND	6	93	1.5	6	3	37	.40	.035	27	39	.52	51	.01	6	.57	.02	.21	1	4
STANDARD C/AU-R	17	58	38	129	6.9	70	31	1025	3.92	41	17	7	38	54	18.8	14	17	56	.48	.085	37	57	.88	174	.09	32	1.87	.06	.15	12	520

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 9 1991 DATE REPORT MAILED: July 12/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

LUCK / BCRC 91-529

JUL-12-1991 10:02 FROM ACME ANALYTICAL TO 13 INFORMATION P.002/003

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-050 330 FILE # 91-2397 Page 1

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031210	7	29	20	204	.3	47	11	379	3.21	57	5	ND	10	173	1.0	14	2	56	2.00	.071	31	48	.78	158	.01	8	1.23	.02	.25	1	8
031211	5	20	25	154	.2	30	10	498	3.27	83	5	ND	12	179	.9	22	2	64	2.57	.082	34	49	.94	280	.02	8	1.58	.02	.26	3	23
031212	4	20	30	124	.4	14	8	537	3.23	48	5	ND	15	158	.6	28	2	75	2.91	.095	43	60	1.05	587	.08	5	1.80	.04	.31	1	13
031213	16	38	19	801	.9	90	12	685	3.10	82	5	ND	10	294	10.1	9	2	335	3.86	.237	34	50	.53	889	.01	8	1.12	.02	.21	1	29
031214	4	14	22	111	.4	18	8	526	3.32	59	5	ND	16	150	.3	56	3	76	2.61	.094	45	60	1.06	676	.10	7	1.86	.04	.32	1	62
031215	5	20	20	258	.5	57	11	646	3.35	90	5	ND	15	159	2.6	5	3	70	2.32	.118	44	40	.68	646	.01	7	1.34	.02	.20	1	18
031216	4	12	15	164	.1	27	9	518	2.97	34	5	ND	12	188	.9	2	2	72	2.22	.086	34	63	.96	556	.07	6	1.37	.05	.35	1	3
031217	4	15	17	231	.3	26	11	706	3.57	26	5	ND	14	282	2.1	2	2	79	3.92	.109	42	47	.99	1137	.03	6	1.33	.03	.23	1	5
031218	34	117	14	960	3.2	153	13	497	2.71	89	9	ND	9	424	12.4	15	2	584	3.76	.713	35	110	.47	1493	.01	15	1.65	.02	.31	3	4
031219	7	19	24	396	.5	45	14	658	3.31	41	5	ND	13	237	3.5	6	2	42	2.45	.098	37	25	.73	525	.01	7	.96	.01	.20	1	10
031220	7	13	30	290	.4	23	9	741	3.07	21	5	ND	14	284	4.2	6	2	36	2.93	.090	35	32	.75	267	.01	8	.82	.03	.20	1	11
031221	4	15	93	304	.6	28	11	693	3.36	56	5	ND	16	239	1.4	12	2	26	2.38	.087	39	22	.69	537	.01	6	.88	.02	.19	1	29
031222	3	17	43	302	.4	25	10	694	3.24	34	5	ND	13	375	1.4	4	2	29	3.14	.094	33	30	.94	209	.01	9	.78	.02	.20	2	5
031223	3	20	76	203	.5	12	9	752	3.27	33	5	ND	14	443	.9	2	2	48	3.83	.107	36	42	1.17	175	.01	7	.93	.03	.20	1	10
031224	3	21	116	220	.6	13	9	802	3.23	20	5	ND	14	357	1.8	2	2	60	3.38	.105	37	44	1.17	212	.01	7	1.25	.03	.18	2	3
031225	3	20	99	254	.6	17	10	848	3.31	38	5	ND	14	368	1.7	4	3	49	3.32	.101	38	43	1.10	166	.01	6	1.26	.03	.20	1	5
031226	28	69	116	603	1.6	59	11	725	2.68	54	5	ND	8	441	8.8	25	2	245	4.18	.322	23	64	.84	133	.01	10	1.00	.02	.30	2	1
031227	49	143	15	520	3.9	72	4	251	1.35	79	8	ND	2	578	11.6	27	2	1030	7.62	.985	16	158	.29	154	.01	25	1.25	.02	.35	1	11
031228	18	67	14	312	1.4	49	7	165	2.11	70	5	ND	6	344	4.0	13	2	244	3.72	.157	21	63	.92	120	.01	17	1.11	.02	.34	1	4
031229	6	29	25	122	.5	32	11	629	2.83	257	5	ND	8	361	.19	20	2	59	3.09	.045	19	36	.87	219	.01	8	.69	.01	.17	3	4
031230	8	27	30	129	.6	21	11	741	3.07	212	5	ND	12	360	1.0	12	2	78	3.50	.075	29	68	.98	934	.02	9	1.22	.01	.24	1	96
031231	6	29	32	113	.4	20	11	653	3.08	146	5	ND	11	396	.8	11	2	67	3.73	.068	29	38	1.05	681	.01	9	.92	.01	.19	1	7
031232	4	31	32	158	.5	24	13	697	3.17	150	5	ND	11	385	1.1	12	2	62	3.99	.063	26	38	1.10	495	.01	7	.91	.01	.17	1	13
031233	8	41	31	304	.7	50	16	527	3.40	75	5	ND	10	281	1.8	7	2	73	2.36	.088	30	44	.78	99	.01	10	.88	.02	.26	1	1
031234	7	33	33	183	.4	32	13	510	3.41	49	5	ND	14	384	1.3	10	2	67	2.90	.091	34	42	.84	166	.01	11	1.11	.02	.28	1	3
031235	5	24	23	143	.4	24	12	559	3.76	59	5	ND	14	285	.6	16	2	69	3.11	.107	36	32	1.04	214	.01	9	.89	.01	.22	2	7
031236	4	19	29	123	.4	16	10	648	3.39	60	5	ND	17	314	1.1	23	2	60	3.28	.099	37	28	.93	251	.01	7	1.20	.02	.22	2	15
031237	4	15	30	105	.6	12	9	661	3.23	35	5	ND	17	324	1.1	16	2	52	3.39	.084	38	30	.96	287	.01	5	.97	.02	.19	1	6
031238	3	20	155	476	1.3	13	10	934	3.39	40	5	ND	15	520	5.3	31	2	19	4.47	.086	27	26	1.19	111	.01	8	.67	.01	.24	2	5
031239	3	11	32	113	.5	8	10	697	3.05	38	5	ND	17	363	1.2	12	2	42	3.00	.076	36	29	.98	525	.01	5	.92	.01	.22	1	1
031240	5	17	53	156	.8	11	10	803	3.23	43	5	ND	18	430	1.2	14	2	46	3.31	.081	40	33	1.12	595	.01	6	.88	.01	.20	1	2
031241	4	24	30	118	.6	15	10	656	3.56	56	5	ND	14	481	1.2	15	2	39	3.06	.073	33	22	1.13	949	.01	5	.89	.01	.18	1	3
031242	6	38	32	159	.6	18	9	599	3.11	44	5	ND	16	342	1.8	5	2	49	3.29	.091	30	29	.92	306	.01	6	.83	.02	.26	1	1
031243	4	19	41	136	.2	11	9	592	3.00	28	5	ND	15	354	1.9	6	2	55	3.51	.080	33	36	.89	292	.01	5	1.22	.04	.18	1	1
031244	4	18	31	102	.3	11	9	539	2.80	31	5	ND	14	314	.4	5	2	49	4.00	.089	29	20	.66	215	.01	2	.96	.01	.16	1	9
031245	6	40	31	156	.4	50	16	399	3.33	43	5	ND	12	232	.9	12	2	67	1.87	.060	33	29	.64	103	.01	5	1.02	.02	.24	1	1
STANDARD C/AU-R	21	61	44	133	6.7	70	32	1069	3.99	44	23	8	39	52	19.0	15	18	60	.49	.092	37	58	.89	177	.09	34	1.94	.09	.15	12	490

91-527

91-530

Lucky Bear

P.004/008

TO NORANDA YT

FROM ACME ANALYTICAL

JUL-12-1991 10:54

91-530

91-531

LUCKY BEAR

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
031246	7	27	16	201	.1	71	14	266	2.91	34	5	ND	8	131	1.0	81	2	59	.97	.064	28	43	.57	88	.01	6	1.21	.02	.26	1	3
031247	3	12	11	106	.1	21	9	500	3.13	41	10	ND	15	158	.2	99	2	77	2.14	.088	41	51	1.13	338	.10	3	1.95	.02	.33	1	3
031248	3	11	21	160	.2	26	13	622	2.70	45	13	ND	17	109	.3	12	2	60	2.22	.105	58	41	.82	437	.01	5	.95	.01	.12	1	8
031249	3	12	26	211	.1	22	13	885	3.77	61	13	ND	16	179	.2	10	2	62	2.24	.081	38	42	.91	849	.01	2	.96	.01	.06	1	8
031250	3	12	19	98	.1	10	9	467	3.09	22	12	ND	15	127	.2	38	2	72	2.41	.083	43	57	1.08	993	.17	2	2.36	.03	.40	1	3
031251	4	10	14	91	.1	11	9	433	2.64	27	5	ND	16	118	.3	32	2	73	2.15	.090	43	58	1.09	1217	.15	2	2.08	.04	.28	1	3
031252	4	11	15	93	.3	11	8	604	2.75	29	10	ND	15	163	.2	51	2	74	2.61	.086	39	65	1.13	1432	.15	2	1.75	.05	.43	1	6
031253	3	11	23	109	.2	10	9	540	2.97	40	5	ND	15	126	.2	2	2	85	1.62	.082	40	56	1.20	1251	.28	5	1.75	.07	.57	1	52
031254	24	55	11	88	1.0	48	4	61	1.52	65	12	ND	4	334	2.3	14	2	238	.32	.308	19	107	.07	979	.01	21	1.16	.02	.27	1	6
031255	24	55	8	141	2.4	50	2	40	.87	40	12	ND	3	372	4.9	20	2	642	1.33	.598	15	128	.06	1665	.01	29	1.14	.01	.25	1	5
031256	63	188	5	347	4.4	108	4	36	1.04	83	13	ND	2	638	8.1	62	2	1971	1.97	.989	22	191	.10	4416	.01	44	1.82	.01	.34	1	31
031257	81	187	26	312	4.0	103	5	50	1.66	197	15	ND	5	582	36.1	46	2	1559	1.77	.875	28	179	.11	2058	.01	32	1.88	.01	.40	1	15
031258	10	29	38	431	.4	56	17	823	3.71	466	8	ND	8	287	10.0	25	2	74	1.24	.066	27	38	.35	664	.01	9	.77	.01	.17	1	42
031259	5	19	22	164	.1	26	12	713	3.50	847	5	ND	9	424	1.8	18	2	36	3.05	.056	26	39	1.15	716	.01	10	.91	.01	.20	1	110
031260	4	20	28	232	.3	27	12	752	3.60	292	5	ND	10	387	2.0	17	2	27	3.36	.049	26	29	1.18	291	.01	6	.75	.01	.15	1	33
031261	6	16	28	311	.2	23	12	794	3.60	174	5	ND	10	297	1.8	21	2	24	2.67	.043	25	33	1.03	192	.01	6	.82	.01	.16	1	19
031262	4	19	36	180	.7	17	10	1035	3.68	874	5	ND	8	390	4.6	30	2	21	2.94	.059	18	37	1.10	33	.01	9	.69	.01	.16	1	340
031263	3	18	24	199	.1	22	12	956	3.21	663	5	ND	7	377	1.9	28	4	17	2.82	.043	21	26	1.12	82	.01	4	.67	.01	.16	1	110
031264	3	14	25	352	.2	29	12	781	3.31	425	5	ND	8	394	2.2	28	2	15	2.45	.043	23	20	1.02	131	.01	7	.69	.01	.17	1	38
031265	5	17	21	366	.3	33	12	694	3.73	1641	5	ND	8	388	1.8	26	2	15	2.38	.054	21	31	.97	58	.01	7	.76	.01	.19	1	190
031266	4	12	21	328	.1	41	13	758	3.59	506	5	ND	8	532	.9	16	2	13	2.90	.088	25	23	1.09	224	.01	7	.51	.01	.19	1	99
031267	10	16	20	272	.4	33	12	706	3.69	259	6	ND	12	362	.6	15	3	16	2.53	.104	31	32	.88	179	.01	8	.63	.01	.25	1	21
031268	7	14	23	244	.2	25	11	871	3.88	160	5	ND	10	500	.4	11	2	14	3.30	.101	27	21	1.08	118	.01	6	.64	.01	.26	1	13
031269	9	22	14	210	.2	27	11	565	3.95	281	5	ND	10	381	.2	10	2	15	2.88	.101	21	36	.93	84	.01	9	.67	.01	.28	1	11
031270	23	47	15	298	.4	95	10	409	2.77	322	9	ND	5	347	3.5	19	2	274	2.34	.379	18	65	.55	52	.01	13	.83	.01	.30	1	15
031271	26	68	19	263	1.4	83	7	379	1.80	518	8	ND	4	384	5.8	96	2	432	1.73	.391	18	90	.37	90	.01	15	.91	.01	.29	1	280
031272	4	16	41	146	1.0	14	10	960	3.32	3603	5	2	8	353	.5	766	2	21	2.83	.032	17	27	1.08	57	.01	12	.66	.01	.18	1	1500
031273	3	12	28	138	.6	17	11	998	3.43	2617	5	2	9	313	.3	158	2	19	3.45	.030	19	29	1.20	107	.01	6	.70	.01	.17	1	1040
031274	7	39	29	280	.5	81	18	461	3.41	650	5	ND	6	226	1.6	32	2	41	1.25	.043	22	28	.70	31	.01	6	.71	.01	.24	1	100
031275	3	29	505	997	3.9	18	11	887	3.61	956	5	ND	5	243	12.1	5521	2	26	2.68	.041	10	22	1.00	26	.01	6	.61	.01	.14	1	470
031276	3	15	96	192	1.0	15	11	1198	3.39	1092	5	ND	10	238	1.2	68	2	43	1.75	.030	19	31	.80	73	.01	4	.75	.01	.09	1	650
031277	3	14	61	141	1.7	11	8	1388	3.20	3427	5	3	8	245	1.1	524	2	35	2.69	.026	17	28	1.00	70	.01	3	.65	.01	.09	1	4310
031278	4	19	28	138	1.5	31	11	1195	3.16	4666	5	ND	7	220	.6	268	2	37	2.43	.026	15	25	.98	50	.01	6	.52	.01	.13	1	7360
031279	5	25	28	147	.3	60	14	342	3.07	346	5	ND	9	244	.4	15	2	36	1.57	.070	28	24	.67	35	.01	3	.62	.01	.20	1	64
031280	2	22	49	111	1.8	10	9	563	3.07	373	5	ND	14	250	.5	19	2	37	2.81	.088	29	28	1.03	165	.01	4	.63	.01	.14	1	210
031281	2	15	25	88	.7	11	9	596	2.86	357	11	ND	12	248	.4	4	2	38	2.79	.058	24	27	1.04	545	.01	4	.69	.01	.12	1	110
STANDARD C/AU-R	18	58	36	134	6.7	72	31	1042	4.00	42	16	7	38	52	18.4	19	20	56	.48	.090	38	58	.89	179	.09	34	1.90	.06	.15	32	490

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031282	4	20	44	119	.7	18	9	789	2.92	1057	5	ND	11	277	.6	94	2	45	2.87	.043	19	38	1.07	249	.01	9	.64	.01	.10	1	980
031283	5	11	34	108	.2	16	8	773	3.03	841	7	ND	9	363	1.0	60	2	34	3.21	.033	15	30	1.17	201	.01	2	.52	.01	.11	1	510
031284	4	5	19	82	.3	16	8	740	3.04	1058	5	ND	11	390	.4	27	2	22	3.42	.033	16	47	1.26	183	.01	6	.62	.01	.15	1	400
031285	3	12	42	120	.4	13	9	733	3.28	758	5	ND	16	286	.7	16	2	50	2.84	.084	42	32	1.15	379	.01	6	.87	.01	.16	1	280
031286	3	14	41	112	.3	15	10	690	3.34	134	5	ND	17	168	.5	6	2	68	2.67	.063	34	30	1.04	891	.01	4	.83	.01	.06	1	29
031287	3	13	37	104	.2	12	10	629	2.98	105	5	ND	13	154	.3	6	2	60	3.06	.036	19	25	1.08	972	.01	6	.91	.01	.05	1	22
031288	3	14	34	102	.3	12	10	719	3.23	342	5	ND	14	188	.2	13	2	57	2.89	.037	25	27	1.09	866	.01	5	.83	.01	.06	1	110
031289	3	14	42	108	.1	11	9	599	2.94	125	6	ND	17	204	.5	4	2	66	2.23	.087	46	30	.95	847	.01	2	.84	.01	.14	1	38
031290	3	13	24	91	.2	13	9	588	2.95	72	7	ND	16	161	.2	95	2	61	2.80	.066	34	38	1.09	750	.05	2	1.05	.02	.20	1	27
031291	4	13	25	83	.2	11	9	650	3.25	118	5	ND	14	182	.2	11	2	57	3.41	.036	33	30	1.30	853	.01	3	.86	.01	.07	1	42
031292	3	15	23	95	.5	10	8	853	3.00	281	5	ND	13	208	.6	6	2	45	3.20	.023	24	24	1.35	280	.01	2	.65	.01	.05	1	35
031293	3	15	30	100	.5	10	8	828	3.24	297	5	ND	12	299	.5	10	2	35	3.54	.033	19	26	1.32	316	.01	6	.71	.01	.10	1	42
031294	7	37	45	183	.8	23	12	717	3.88	742	5	ND	15	88	2.1	30	2	47	.53	.065	39	18	.13	1171	.01	8	.94	.01	.12	1	260
031295	5	14	33	132	.4	18	10	564	3.61	147	5	ND	17	86	.6	14	2	66	1.24	.096	50	21	.28	942	.01	3	.85	.01	.09	1	45
031296	4	13	21	118	.2	18	9	550	3.19	130	5	ND	17	94	.6	14	2	65	1.74	.098	55	20	.09	668	.01	2	.86	.01	.11	1	33
031297	5	14	23	124	.2	20	11	796	3.70	202	5	ND	18	70	.3	16	2	76	1.41	.107	59	23	.07	781	.01	3	.85	.01	.08	1	44
031298	3	15	10	90	.2	15	10	596	3.54	88	5	ND	17	54	.2	16	2	78	.70	.103	56	31	.85	917	.02	2	1.74	.02	.19	1	28
031299	2	14	14	99	.3	14	10	617	3.55	77	5	ND	17	74	.2	9	2	88	.85	.104	49	3	1.14	2243	.06	2	1.87	.03	.23	1	28
031300	2	14	16	93	.2	14	9	567	3.11	63	5	ND	16	62	.2	7	2	81	.86	.095	42	5	.86	2257	.19	3	1.67	.04	.38	1	18
031301	3	14	12	103	.6	14	8	531	3.18	52	5	ND	16	83	.3	5	2	88	.94	.096	42	19	1.06	1585	.25	2	1.78	.05	.36	1	17
031302	3	17	21	147	.3	23	10	637	3.60	221	5	ND	19	58	.9	15	2	96	.59	.107	49	23	.64	1172	.13	3	1.55	.02	.25	1	43
031303	5	18	22	174	.2	30	12	747	3.96	189	5	ND	21	51	1.0	21	2	97	.53	.119	80	30	.48	975	.10	2	1.65	.02	.23	1	26
031304	6	17	29	155	.1	29	12	865	4.04	403	5	ND	17	67	1.6	20	2	83	.22	.047	47	7	.12	1435	.02	2	.95	.01	.07	1	16
031305	8	17	27	190	.2	35	13	944	4.51	845	5	ND	16	73	2.1	28	2	95	.09	.042	42	13	.04	990	.01	4	.73	.01	.06	2	270
031306	9	19	31	134	.6	21	11	1003	3.98	1469	7	ND	15	65	1.0	24	2	65	.10	.037	41	5	.04	887	.01	4	.64	.01	.09	2	1290
031307	8	16	29	137	1.4	22	11	1052	4.03	2310	9	3	15	63	1.4	19	2	71	.10	.037	44	9	.03	871	.01	6	.71	.01	.09	1	4780
031308	9	16	18	148	1.1	35	10	1456	3.50	2172	10	2	12	57	2.0	31	2	100	.11	.035	36	20	.03	867	.01	6	.67	.01	.08	2	4910
031309	6	11	17	95	2.0	13	8	661	2.62	2750	9	10	10	48	.7	25	2	42	.12	.027	30	20	.02	639	.01	4	.51	.01	.07	1	13100
031310	6	11	20	93	4.2	11	5	313	3.18	9693	5	17	12	113	.5	41	2	32	.21	.026	28	27	.03	607	.01	6	.60	.01	.11	1	18300
031311	11	24	41	139	1.5	24	3	111	2.37	2787	5	ND	9	108	1.5	21	2	91	.16	.045	27	15	.04	818	.01	9	.71	.01	.13	1	3460
031312	5	45	23	262	.7	61	9	539	2.15	482	5	ND	8	77	1.9	13	2	69	.15	.048	23	43	.86	560	.01	5	1.33	.01	.21	1	840
031313	4	45	37	135	.9	33	10	591	2.97	919	5	ND	14	96	1.1	16	2	71	1.08	.073	42	21	.95	1133	.08	3	1.50	.02	.30	1	2230
031314	5	38	29	241	.8	73	10	800	2.91	472	5	ND	9	73	4.0	14	3	135	1.61	.067	36	58	1.71	801	.01	2	1.64	.01	.08	1	620
031315	5	43	41	298	1.2	77	7	668	2.06	396	5	ND	6	91	3.7	12	2	182	5.29	.050	21	37	1.64	902	.04	2	1.39	.01	.07	2	530
031316	3	68	26	179	.9	36	10	527	3.04	764	5	ND	13	77	1.9	14	2	113	1.91	.084	41	1	1.18	2793	.10	2	1.97	.01	.35	1	1690
031317	3	64	12	88	.4	12	7	298	2.79	137	5	ND	17	73	.5	8	2	84	.95	.096	48	12	1.18	1925	.27	2	1.82	.05	.68	1	240
STANDARD C/AU-R	18	60	37	131	7.1	69	31	1046	3.97	39	17	7	39	53	18.3	15	19	55	.45	.085	39	58	.82	178	.09	33	1.85	.07	.15	11	510

91-531

KIRKLAND Resimple BCAC 91-485A

TO NORANDA YT FROM ACME ANALYTICAL 10:55 JUL-12-1991

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031318	4	45	4	83	.1	10	8	300	2.63	198	5	ND	15	98	.2	2	2	75	.88	.097	47	61	1.04	1295	.27	2	1.75	.08	.62	1	410
031319	4	49	14	118	.7	19	11	570	3.16	812	5	2	15	87	.5	13	2	76	.92	.091	45	47	.79	1332	.18	3	1.66	.03	.39	1	1880
031320	3	57	9	96	.6	17	8	374	2.70	274	8	ND	14	75	.6	9	2	87	1.66	.098	46	51	1.16	1750	.20	2	1.96	.03	.47	1	600
031321	14	57	14	243	.9	72	9	99	2.56	63	7	ND	6	217	1.1	19	3	121	.23	.082	27	63	.06	998	.01	18	.93	.01	.30	1	18
031322	9	39	14	201	.2	54	14	48	2.77	88	5	ND	7	125	.2	8	2	56	.15	.047	32	37	.05	1260	.01	8	.80	.02	.27	1	4
031323	13	49	11	305	.5	73	14	61	4.08	63	5	ND	9	173	1.0	4	2	69	.16	.082	31	33	.05	1576	.01	9	.83	.02	.26	1	3
031324	12	53	11	402	.5	93	18	103	3.71	50	5	ND	7	140	1.1	2	2	76	.16	.077	28	36	.05	1489	.01	7	.77	.01	.21	1	13
031325	6	48	15	293	.1	83	19	148	3.84	33	5	ND	8	81	.3	2	2	40	.88	.045	33	26	.04	1089	.01	5	.77	.02	.21	1	2
031326	9	31	17	188	.1	50	13	73	3.23	27	5	ND	7	98	.2	2	2	36	.84	.049	31	38	.03	832	.01	6	.77	.02	.25	1	1
031327	12	26	16	181	.2	43	9	56	2.87	39	5	ND	5	104	.2	2	2	43	.83	.056	28	32	.03	547	.01	8	.68	.02	.31	1	3
031328	11	33	28	219	.2	51	14	200	3.80	55	5	ND	7	96	.6	5	2	39	.17	.059	28	38	.06	435	.01	7	.71	.02	.29	1	3
031329	4	27	21	193	.3	50	18	644	4.49	251	5	ND	10	105	1.7	22	5	19	1.75	.089	20	29	.35	130	.01	3	.82	.01	.17	1	8
031330	4	19	18	103	.3	35	13	638	3.72	215	5	ND	10	246	.2	24	4	14	2.64	.088	17	30	.75	135	.01	2	.56	.01	.18	1	5
031331	4	14	19	88	.2	26	12	577	3.70	89	5	ND	11	185	.2	33	2	20	2.63	.093	22	38	.56	84	.01	3	.73	.01	.19	1	5
031332	4	12	33	112	.3	27	12	635	3.33	83	5	ND	10	341	.9	34	4	15	3.31	.088	17	35	.91	177	.01	4	.75	.01	.23	1	3
031333	4	32	21	247	.3	83	21	394	4.28	126	5	ND	8	129	.4	16	2	30	.78	.045	29	28	.31	144	.01	5	.77	.02	.27	1	3
031334	5	36	16	219	.2	79	19	195	3.76	61	5	ND	8	57	.2	10	2	28	.25	.034	32	22	.16	146	.01	7	.65	.02	.26	1	1
031335	5	32	15	190	.2	66	17	229	3.88	168	5	ND	8	77	.2	15	2	31	.34	.036	33	22	.18	104	.01	3	.58	.01	.26	1	20
031336	3	18	26	136	.4	28	13	871	3.42	818	5	ND	9	299	1.4	24	3	28	2.80	.070	19	36	.83	119	.01	6	.88	.01	.19	1	130
031337	4	21	44	186	.3	28	12	780	3.73	1228	5	ND	13	278	2.8	28	2	32	2.64	.096	25	45	.65	402	.01	2	.80	.01	.15	1	130
031338	2	16	27	195	.1	41	14	644	3.42	350	5	ND	14	210	4.3	41	2	39	2.14	.093	31	30	.57	647	.01	4	.93	.01	.14	1	12
031339	4	19	58	245	.3	32	13	1170	3.56	709	5	ND	13	197	5.1	3484	2	42	1.53	.066	23	48	.48	640	.01	3	.84	.01	.11	1	640
031340	3	13	31	210	.1	21	12	685	3.81	249	5	ND	15	139	1.2	233	2	62	1.30	.086	36	35	.49	597	.01	2	.71	.01	.08	1	390
031341	3	17	34	193	.2	23	12	788	3.84	180	5	ND	16	141	1.5	211	2	63	1.09	.087	34	40	.47	840	.01	3	.91	.01	.07	1	180
031342	3	17	28	138	.3	15	11	979	3.30	458	5	ND	14	187	.3	75	2	54	1.34	.062	31	39	.52	1120	.01	2	.76	.01	.05	1	490
031343	3	17	84	260	1.2	17	11	1456	3.56	800	5	ND	11	189	1.4	7524	2	44	1.63	.056	23	37	.57	472	.01	2	.63	.01	.08	1	930
031344	2	13	93	173	.9	14	10	1345	3.59	1096	5	ND	11	188	.2	722	3	43	1.76	.046	20	27	.65	712	.01	2	.61	.01	.07	1	630
031345	3	15	38	210	.3	20	12	1102	3.70	682	5	ND	13	167	.8	81	2	51	1.06	.044	27	33	.42	812	.01	3	.73	.01	.06	1	400
031346	2	17	30	203	.1	22	12	1044	3.55	277	5	ND	13	181	.9	69	2	54	1.52	.060	31	33	.58	1058	.01	2	.69	.01	.03	1	72
031347	2	15	26	174	.3	18	13	962	3.65	190	5	ND	16	192	.9	23	2	60	2.06	.073	34	40	.89	1382	.01	2	.84	.01	.04	1	50
031348	3	13	23	119	.1	12	11	567	3.35	207	5	ND	16	93	.2	23	2	65	1.68	.095	49	43	1.01	912	.08	2	1.07	.01	.26	1	45
031349	3	16	28	142	.2	17	11	674	3.29	155	5	ND	15	141	.4	76	2	65	1.67	.085	40	44	.88	1202	.09	2	1.31	.02	.28	1	62
031350	3	14	27	107	.2	11	10	526	3.04	33	5	ND	15	87	.4	15	2	74	1.62	.088	41	49	1.14	1379	.20	2	1.61	.04	.61	1	7
031351	2	13	29	111	.3	13	9	500	3.09	23	5	ND	16	75	.2	11	2	72	1.56	.091	48	46	1.19	1761	.16	2	1.46	.03	.51	1	5
031352	3	13	26	102	.1	11	10	491	2.98	25	5	ND	14	79	.2	9	2	69	1.58	.090	45	50	1.12	1800	.15	2	1.42	.03	.46	1	5
031353	2	13	26	126	.1	13	9	517	3.27	31	5	ND	15	71	.2	14	2	68	1.54	.098	51	37	1.13	1187	.07	2	1.09	.01	.28	1	5
STANDARD C/AU-R	18	57	35	132	7.3	70	34	1040	3.97	43	16	7	39	52	18.8	16	20	54	.48	.090	38	58	.88	177	.09	32	1.89	.06	.15	11	490

TO NORANDA YT

FROM ACME ANALYTICAL

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ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031354	5	19	36	187	.3	22	13	674	3.49	77	5	ND	18	122	1.3	18	2	79	1.56	.100	48	61	.95	1165	.08	2	1.26	.02	.19	2	5
031355	4	15	25	114	.2	12	11	555	3.01	75	5	ND	15	128	.6	40	2	83	1.86	.091	39	54	1.10	1884	.18	4	1.64	.05	.35	2	36
031356	4	17	18	104	.1	14	10	545	3.17	9	5	ND	15	124	.4	2	2	94	2.03	.098	42	72	1.24	1260	.23	2	1.71	.07	.39	3	2
031357	9	49	31	308	.2	68	17	220	3.26	239	5	ND	10	188	1.4	21	2	58	.38	.072	40	36	.17	1308	.01	11	.93	.03	.32	1	25
031358	15	37	26	491	.1	97	23	658	3.71	1261	5	ND	9	121	4.3	69	2	49	.18	.064	33	35	.08	1959	.01	8	.83	.01	.21	1	440
031359	8	27	30	301	.3	57	18	1168	3.92	1255	5	ND	14	112	2.5	60	2	47	.15	.037	27	45	.06	2478	.01	5	.73	.01	.11	2	930
031360	9	33	39	306	.3	61	18	740	3.75	737	5	ND	14	137	1.7	43	2	53	.16	.052	29	53	.06	1819	.01	6	.73	.01	.14	2	260
031361	5	27	47	236	.4	37	17	861	3.83	1047	5	ND	15	141	1.0	64	2	59	.24	.044	26	34	.10	1410	.01	6	.78	.01	.09	2	1560
031362	5	23	42	202	.9	28	15	1025	4.13	1578	5	5	14	114	1.4	1302	2	54	.18	.032	24	42	.07	751	.01	4	.60	.01	.06	2	4040
031363	5	19	91	253	.4	38	15	1010	3.28	848	5	ND	13	138	2.1	414	4	48	.11	.043	27	41	.05	918	.01	2	.86	.01	.05	1	440
031364	5	23	45	216	.2	29	17	1015	4.06	634	5	ND	14	146	1.3	130	2	65	.12	.043	32	51	.07	922	.01	5	.95	.01	.04	2	490
031365	4	20	40	152	.7	19	14	1303	4.52	1534	5	3	12	137	1.0	69	2	61	.51	.033	29	47	.24	703	.01	4	.79	.01	.06	2	2420
031366	4	17	59	234	.6	23	14	1788	4.16	901	5	ND	14	113	1.7	94	2	49	.36	.030	24	45	.15	647	.01	4	.74	.01	.09	2	1120
031367	4	21	56	225	.1	25	17	1282	3.71	549	5	ND	15	160	1.2	63	2	57	.11	.048	32	41	.07	950	.01	4	.85	.01	.05	2	240
031368	5	17	47	223	.9	22	15	1463	4.34	1413	5	3	16	158	2.0	249	2	55	.62	.050	28	56	.25	696	.01	9	.90	.01	.10	3	2810
031369	5	23	32	180	.1	38	16	924	4.21	240	5	ND	15	124	1.0	156	2	61	.20	.044	27	53	.13	841	.01	2	.89	.01	.03	2	81
031370	4	20	35	167	.1	26	16	1099	3.90	192	5	ND	14	127	.8	94	2	68	.38	.043	27	47	.21	966	.01	4	.79	.01	.02	1	49
031371	5	23	59	201	2.8	19	13	1218	3.72	633	5	ND	12	216	1.6	2172	2	45	1.12	.036	25	49	.44	739	.01	7	.87	.01	.12	1	700
031372	3	19	37	163	.3	19	15	1363	4.87	510	6	ND	12	131	.4	145	2	57	.44	.034	23	42	.24	1242	.01	2	.77	.01	.04	1	980
031373	6	17	35	157	.1	22	15	1065	3.94	186	5	ND	15	155	.2	75	2	60	.51	.046	32	71	.26	1871	.01	2	.74	.01	.02	1	220
031374	5	18	33	149	.1	18	13	819	3.47	87	5	ND	18	168	.4	47	2	78	2.08	.078	42	61	.73	1758	.01	2	1.08	.01	.06	1	50
031375	4	16	26	119	.2	12	11	554	3.66	30	5	ND	17	144	.5	42	2	96	2.07	.103	45	63	1.12	1361	.27	2	1.89	.06	.75	1	21
031376	4	16	15	95	.1	10	10	554	3.26	24	5	ND	13	124	.2	8	2	90	1.92	.091	42	71	1.12	838	.27	2	1.56	.08	.69	2	12
031377	3	16	18	112	.2	14	10	572	3.38	29	5	ND	16	125	.2	33	2	74	2.41	.096	49	52	1.09	587	.16	2	1.30	.04	.56	2	11
031378	3	17	18	117	.1	14	12	634	3.34	38	5	ND	18	108	.2	35	2	71	2.22	.103	60	43	.91	664	.06	2	1.17	.01	.28	1	14
031379	3	16	28	121	.2	17	13	903	4.34	689	5	ND	14	192	.2	20	2	59	1.95	.059	33	43	.89	607	.01	2	.79	.01	.07	1	350
031380	3	13	26	129	.1	18	12	781	3.23	235	5	ND	15	237	.3	13	2	51	3.04	.075	32	37	1.06	605	.01	5	.80	.01	.11	1	61
031381	4	17	18	113	.2	17	12	718	3.31	124	5	ND	13	276	.2	24	2	47	3.17	.105	33	52	1.08	318	.01	5	.91	.01	.20	1	23
031382	5	41	25	74	.1	31	15	719	3.87	706	9	ND	7	212	.3	20	2	32	2.25	.059	19	25	.98	406	.01	7	.71	.01	.24	2	81
031383	6	39	21	86	.2	54	15	469	3.60	133	5	ND	7	215	.5	14	2	32	1.73	.043	26	26	.77	154	.01	7	.81	.01	.31	1	19
031384	8	37	20	190	.2	57	15	536	3.47	144	5	ND	6	251	1.2	15	2	28	2.11	.038	23	48	.87	129	.01	8	.64	.01	.28	1	17
031385	5	26	20	110	.3	28	13	768	3.77	1529	5	ND	5	288	.3	16	2	25	2.70	.037	13	23	1.03	193	.01	5	.57	.01	.21	1	560
031386	5	18	39	144	.5	30	11	920	3.65	1552	5	ND	6	360	.3	24	2	26	3.09	.031	12	32	1.09	92	.01	7	.73	.01	.27	2	1320
031387	6	34	19	229	.2	81	18	415	2.94	612	5	ND	5	129	.9	22	2	35	.78	.025	26	23	.49	149	.01	7	.56	.01	.25	1	920
031388	4	16	34	131	.2	16	10	783	3.67	2309	5	ND	7	525	.5	17	2	13	3.49	.047	15	30	1.21	624	.01	8	.53	.01	.18	1	370
031389	4	31	27	91	.2	10	10	609	3.77	1323	5	ND	4	502	.6	12	2	12	3.12	.042	13	33	1.15	146	.01	5	.67	.01	.21	1	80
STANDARD C/AU-R	20	61	41	136	7.4	73	33	1033	3.96	42	24	8	40	54	17.0	15	19	61	.53	.099	40	60	.97	182	.10	35	2.07	.07	.16	11	480

11-532

LUCKY BCRC 91-533

JUL-12-1991 10:57 FROM ACME ANALYTICAL TO NORANDA YT

Noranda Exploration Co. Ltd. PROJECT 9107-050 330 FILE # 91-2397 Page 7

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
031390	3	14	24	124	.2	17	10	752	3.43	180	5	ND	11	436	.2	12	2	21	3.16	.089	24	24	1.17	593	.01	4	.74	.01	.16	1	66
031391	4	13	25	130	.1	17	10	790	3.19	306	5	ND	9	262	.3	10	2	25	2.56	.040	17	29	1.00	810	.01	5	.67	.01	.14	1	39
031392	4	12	49	158	.2	15	9	771	3.02	109	5	ND	9	170	.9	15	2	28	2.05	.028	14	30	.79	698	.01	4	.60	.01	.11	1	23

JUL-12-1991 10:58 FROM ACME ANALYTICAL TO NORANDA YT

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-059 330 File # 91-2520 Page 1

1050 Davie St., Vancouver BC V6E 1N4

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
031393	5	14	18	33	1.4	12	1	60	.79	156	5	ND	3	40	.2	1487	2	18	.09	.010	6	45	.04	541	.01	9	.32	.01	.17	2	400
031394	12	20	24	30	2.7	11	2	58	.84	166	5	ND	4	40	.3	13898	2	18	.08	.011	6	134	.03	403	.01	9	.36	.01	.20	4	250
031395	9	43	45	44	5.5	17	2	48	.96	272	5	ND	4	54	.2	22218	3	24	.14	.012	7	96	.03	362	.01	8	.39	.01	.17	3	1360
031396	7	36	30	38	4.3	14	1	34	.88	250	5	2	5	54	.2	9971	2	20	.12	.011	6	76	.03	363	.01	12	.40	.01	.21	1	1390
031397	7	58	44	44	7.4	14	1	30	.84	256	5	2	5	45	.4	24560	2	23	.15	.010	7	72	.03	223	.01	12	.44	.01	.26	4	1530
031398	10	83	51	76	6.2	21	1	36	.90	264	5	ND	3	41	.5	32629	2	21	.12	.013	8	95	.02	222	.01	8	.29	.01	.11	3	720
031399	7	14	19	43	1.6	9	1	28	.53	137	5	ND	6	52	.2	2060	2	14	.08	.017	11	76	.03	647	.01	11	.37	.01	.18	2	440
031400	9	26	19	57	.7	9	1	28	1.04	374	5	ND	6	77	.2	2337	2	18	.08	.014	9	81	.04	409	.01	12	.42	.01	.21	1	280
031401	12	41	18	111	.2	19	5	53	1.94	702	5	ND	7	58	.2	663	2	22	.07	.017	10	61	.04	330	.01	11	.48	.01	.21	1	37
031402	9	93	22	40	.4	11	3	22	1.45	1160	5	ND	6	66	.2	280	2	17	.04	.012	7	77	.04	307	.01	11	.57	.01	.29	1	1060
031403	6	75	20	57	.4	35	9	43	1.86	343	6	ND	5	76	.2	304	2	17	.06	.013	6	47	.04	105	.01	9	.69	.01	.23	1	53
031404	4	30	17	76	.1	50	11	47	1.85	213	5	ND	4	51	1.0	131	2	13	.05	.014	6	43	.03	173	.01	8	.72	.01	.18	1	15
031405	5	34	17	111	.4	47	13	94	2.30	1771	5	ND	4	32	1.1	89	2	12	.05	.012	5	60	.07	143	.01	9	.60	.01	.22	1	630
031406	7	39	20	174	.2	54	14	115	2.91	1654	5	ND	3	33	.6	78	2	12	.07	.016	5	67	.07	88	.01	11	.68	.01	.25	1	280
031407	4	31	17	136	1.1	43	12	207	2.73	2600	5	ND	4	64	.4	57	2	11	.32	.014	5	55	.17	79	.01	9	.54	.01	.19	1	1360
031408	6	36	17	133	.3	43	13	215	2.83	748	5	ND	4	42	.3	42	2	11	.18	.011	4	74	.15	112	.01	9	.55	.01	.24	1	320
031409	7	36	18	129	.3	46	13	315	3.16	160	5	ND	5	51	.2	45	2	10	.46	.024	5	77	.30	98	.01	11	.62	.01	.30	1	66
031410	7	33	17	123	.2	40	12	265	2.87	135	5	ND	4	42	.2	38	2	9	.50	.017	4	74	.26	178	.01	9	.43	.01	.23	1	33
031411	5	34	16	117	.4	38	11	233	2.80	3023	5	ND	4	86	.3	39	2	9	.65	.018	4	55	.29	149	.01	9	.44	.01	.23	1	440
031412	6	52	22	208	.4	83	26	228	3.86	709	5	ND	8	39	.2	184	2	19	.15	.028	14	50	.10	528	.01	8	.65	.01	.26	44	41
031413	5	54	22	262	.3	54	16	347	4.30	791	5	ND	6	36	.3	179	2	20	.11	.027	7	34	.07	1205	.01	8	.58	.01	.23	1	26
031414	4	52	20	234	.4	51	15	255	3.73	596	5	ND	6	42	.2	147	2	21	.11	.026	7	32	.07	736	.01	9	.59	.01	.25	1	24
031415	6	55	19	232	.3	56	15	260	3.81	416	5	ND	6	44	.2	131	2	26	.12	.036	7	47	.08	736	.01	10	.75	.01	.30	1	34
031416	5	65	23	223	.4	51	15	233	3.65	442	5	ND	7	44	.3	159	2	20	.12	.040	7	38	.07	878	.01	10	.67	.01	.27	1	40
031417	6	55	21	219	.4	52	15	239	3.69	558	6	ND	6	48	.3	282	2	17	.11	.038	7	29	.07	1047	.01	9	.65	.01	.26	2	32
031418	7	61	21	233	.3	58	15	181	3.35	455	5	ND	6	31	.3	672	2	17	.11	.037	7	34	.07	458	.01	9	.69	.01	.29	1	31
031419	7	100	21	247	.1	60	14	126	2.87	538	5	ND	5	38	.3	845	2	18	.10	.035	6	29	.06	639	.01	7	.76	.01	.24	1	36
031420	9	80	22	239	.2	52	12	137	2.83	659	5	ND	5	97	.2	1873	2	34	.11	.031	6	55	.06	631	.01	8	.68	.01	.24	1	103
031421	8	18	14	28	2.4	12	1	24	.52	133	7	ND	3	45	.2	2525	2	12	.07	.013	5	102	.03	461	.01	7	.32	.01	.12	1	1230
031422	8	70	40	23	6.6	9	1	27	.41	174	5	ND	1	23	.9	46685	2	8	.06	.006	3	121	.01	141	.01	4	.17	.01	.05	1	520
031423	10	70	42	18	3.9	8	1	26	.63	266	5	ND	1	31	.4	40098	2	8	.05	.009	4	113	.02	97	.01	7	.24	.01	.10	1	220
031424	7	19	26	32	.8	6	1	21	1.40	519	5	ND	7	92	.2	1465	4	16	.06	.015	10	57	.04	363	.01	10	.47	.01	.28	1	590
031425	14	94	25	52	.3	31	8	53	2.06	1155	5	ND	4	94	.2	333	2	18	.06	.013	6	144	.04	183	.01	12	.72	.01	.30	1	350
031426	5	50	17	207	.3	50	15	266	3.91	192	5	ND	6	51	.4	199	2	19	.11	.026	19	43	.06	1666	.01	8	.65	.01	.24	1	25
031427	5	49	16	205	.1	56	18	295	4.25	53	5	ND	9	49	.2	94	2	26	.11	.034	35	72	.12	1355	.01	8	.85	.01	.24	1	18
031428	4	83	3	302	.2	205	50	924	7.92	56	5	ND	4	48	1.2	70	2	89	.49	.105	34	186	1.53	2130	.07	5	3.10	.03	.26	1	33
STANDARD C/AU-R	18	58	36	130	6.8	71	31	1027	3.90	41	19	7	37	53	18.4	17	22	56	.45	.090	36	58	.80	184	.09	31	1.84	.06	.13	13	490

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 12 1991 DATE REPORT MAILED: July 17/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCRC 91-534 BLUE

BCRC 91-535 BLUE

-536

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 pp
031429	1	62	6	239	.1	142	36	700	6.53	73	5	ND	7	49	.2	54	2	88	.43	.082	33	129	1.81	1519	.05	2	2.86	.03	.26	1	2
031430	1	49	12	229	.1	119	31	476	5.59	52	5	ND	9	48	.2	42	2	65	.33	.072	35	100	1.25	1304	.03	5	2.19	.03	.28	1	1
031431	12	35	14	209	.1	85	20	223	4.31	124	5	ND	9	29	.2	65	2	32	.15	.041	29	180	.38	845	.01	5	1.14	.01	.21	1	1
031432	2	41	24	133	.1	39	14	147	3.42	23	5	ND	10	24	.2	57	2	14	.06	.036	28	26	.09	479	.01	4	.54	.01	.23	1	
031433	3	44	24	143	.3	43	14	168	3.78	31	5	ND	7	20	.2	66	2	15	.03	.036	6	41	.05	424	.01	4	.51	.01	.23	1	1
031434	3	58	31	198	.3	54	21	231	3.92	38	5	ND	8	25	.2	102	2	16	.02	.037	5	40	.04	782	.01	7	.57	.01	.28	1	
031435	2	65	22	195	.2	43	16	128	3.73	169	5	ND	6	36	.2	175	4	9	.01	.024	5	19	.03	410	.01	8	.45	.01	.21	1	
031436	2	49	24	117	.1	20	8	49	3.44	1229	5	ND	5	33	.3	108	2	11	.01	.026	4	29	.04	394	.01	10	.58	.01	.35	1	2
031437	2	51	23	173	.5	51	15	237	3.43	744	5	ND	6	29	.2	73	2	12	.06	.030	4	26	.15	328	.01	8	.59	.01	.31	1	3
031438	2	50	25	212	.3	58	18	231	3.39	50	7	ND	6	25	.3	164	2	12	.08	.033	5	21	.24	308	.01	6	.46	.01	.25	1	
031439	3	58	25	192	.4	45	15	124	3.45	416	7	ND	6	33	.7	106	2	15	.06	.031	5	31	.22	314	.01	12	.68	.01	.33	1	11
031440	2	49	26	196	.9	44	16	193	4.31	3864	5	ND	5	34	.4	157	2	13	.05	.026	4	28	.20	125	.01	12	.65	.01	.34	1	19
031441	1	47	15	188	.2	63	20	456	4.23	334	5	ND	7	44	.2	124	2	18	.40	.047	10	38	.56	257	.01	11	.68	.01	.33	1	1
031442	3	48	22	121	1.3	37	12	87	3.24	2451	5	ND	5	24	.2	215	2	12	.10	.022	4	38	.13	116	.01	6	.43	.01	.25	1	20
031443	3	48	19	130	1.1	41	14	48	2.66	3281	5	2	3	32	.3	273	2	13	.08	.008	3	36	.06	137	.01	5	.48	.01	.20	1	38
031444	7	41	19	61	2.7	31	14	19	2.12	4517	5	4	5	39	.4	726	2	12	.04	.015	7	92	.02	71	.01	6	.34	.01	.11	1	41
031445	12	16	33	43	1.0	16	5	30	1.06	489	5	ND	2	25	.2	1395	2	9	.02	.009	5	141	.01	209	.01	4	.19	.01	.07	4	5
031446	13	36	122	38	4.0	20	6	36	1.40	590	5	ND	4	18	1.5	25504	2	19	.02	.005	7	155	.02	85	.01	6	.32	.01	.12	1	9
031447	5	35	29	115	1.3	50	14	70	2.49	2058	5	ND	5	38	1.1	3482	2	10	.11	.008	4	52	.05	59	.01	7	.48	.01	.18	1	8
031448	6	33	16	121	1.4	41	13	162	2.85	3739	5	ND	4	68	.3	1125	2	11	.38	.006	3	65	.17	41	.01	8	.46	.01	.24	1	12
031449	6	29	19	105	.9	38	13	193	2.79	2697	5	ND	4	67	.2	224	2	8	.56	.006	3	71	.23	66	.01	5	.38	.01	.23	1	5
031450	5	34	20	101	2.0	38	13	185	2.87	2829	5	ND	4	111	.2	1515	2	10	.52	.011	3	59	.22	56	.01	6	.37	.01	.21	1	17
031451	4	39	23	111	2.0	41	14	197	3.10	2637	5	ND	4	122	.2	773	2	10	.56	.010	3	42	.24	55	.01	5	.39	.01	.23	1	13
031452	5	28	19	106	1.3	34	11	232	2.64	2075	5	ND	3	98	.2	607	2	8	.67	.008	3	58	.26	84	.01	6	.35	.01	.20	1	11
031453	4	33	18	122	2.1	37	13	299	3.32	4204	5	ND	3	162	.2	183	2	8	.71	.006	3	38	.30	63	.01	6	.38	.01	.23	1	17
031454	4	34	23	116	3.1	37	13	240	3.05	2778	5	ND	3	135	.2	346	2	8	.67	.005	3	37	.28	52	.01	5	.32	.01	.20	1	13
031455	3	49	23	189	.4	54	20	252	3.72	38	5	ND	6	39	.2	39	2	16	.12	.015	5	32	.06	610	.01	5	.54	.01	.22	1	
031456	3	46	18	158	.4	44	15	209	3.04	33	5	ND	6	37	.2	40	2	17	.12	.016	7	32	.05	638	.01	5	.54	.01	.22	1	
031457	2	50	24	206	.3	51	22	300	3.48	23	5	ND	9	33	.8	36	2	17	.12	.027	29	28	.07	562	.01	6	.58	.01	.24	1	
031458	3	50	17	140	.3	51	18	497	4.00	42	5	ND	10	29	.5	52	2	19	.11	.031	32	46	.08	494	.01	4	.56	.01	.23	1	
031459	3	42	19	123	.3	41	14	392	3.52	41	5	ND	10	35	.2	27	2	18	.09	.021	30	48	.07	657	.01	7	.54	.01	.22	1	
031460	2	63	8	122	.3	105	29	680	5.26	34	5	ND	7	126	.2	19	2	62	1.42	.065	28	99	1.71	1150	.09	2	1.93	.06	.25	1	
031461	1	63	5	116	.3	111	29	559	5.08	19	5	ND	9	133	.4	12	2	71	1.48	.072	29	98	2.52	880	.15	3	2.72	.11	.35	1	
031462	1	73	9	97	.3	133	35	650	5.97	19	5	ND	7	128	.2	19	4	82	1.21	.090	28	103	2.59	2085	.19	2	3.02	.11	.39	1	
031463	1	47	11	82	.3	67	19	545	4.05	23	5	ND	11	64	.2	21	2	39	.40	.055	36	55	.82	786	.03	4	1.51	.04	.32	1	
031464	1	51	10	116	.2	108	32	830	5.44	161	5	ND	9	78	.2	40	2	49	.46	.056	32	73	1.09	813	.03	6	1.55	.03	.28	1	
STANDARD C/AU-R	17	56	37	132	7.2	70	31	1044	3.92	42	17	6	40	52	18.8	15	19	55	.48	.091	38	57	.87	171	.09	34	1.87	.06	.15	12	

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SAMPLE#	Au* ppb
031429	25
031430	12
031431	16
031432	5
031433	15
031434	11
031435	39
031436	230
031437	340
031438	25
031439	100
031440	1990
031441	130
031442	2060
031443	3870
031444	4150
031445	540
031446	930
031447	830
031448	1200
031449	510
031450	1750
031451	1330
031452	1140
031453	1740
031454	1340
031455	17
031456	18
031457	10
031458	16
031459	11
031460	23
031461	4
031462	5
031463	2
031464	5
STANDARD AU-R	530

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
031465	3	55	9	137	.2	162	33	395	7.39	747	5	ND	6	64	.3	178	2	63	.45	.071	33	75	1.35	1061	.02	7	2.39	.06	.29	1	15
031466	4	53	22	179	.3	66	20	282	4.70	784	5	ND	5	38	.3	380	2	15	.09	.021	8	1	.11	1393	.01	7	.64	.01	.23	1	15
031467	5	53	21	183	.4	58	17	281	4.30	679	5	ND	6	41	.4	215	2	16	.07	.022	7	26	.10	798	.01	8	.66	.01	.26	1	13
031468	4	55	23	166	.3	54	16	338	3.98	161	5	ND	5	41	.6	134	2	19	.04	.019	7	33	.16	723	.01	7	.71	.01	.33	1	3
031469	3	53	22	156	.4	47	15	258	3.65	70	5	ND	5	42	.5	63	2	19	.06	.021	5	21	.40	566	.01	8	.66	.01	.31	1	1
031470	3	52	16	156	.3	45	14	302	3.61	36	5	ND	5	52	.2	61	2	16	.10	.029	6	20	.51	492	.01	9	.58	.01	.26	1	2
031471	3	53	22	160	.3	48	16	270	3.73	70	5	ND	4	60	.3	74	2	14	.07	.024	5	19	.49	488	.01	8	.57	.01	.26	1	3
031472	3	52	23	146	.2	48	15	223	3.39	49	5	ND	5	26	.2	59	2	15	.14	.035	5	27	.54	244	.01	5	.61	.01	.29	1	4
031473	4	52	20	175	.2	53	16	330	3.76	101	5	ND	5	29	.2	71	3	15	.13	.035	6	46	.48	103	.01	8	.57	.01	.26	1	2
031474	3	53	18	202	.3	48	15	358	3.71	91	5	ND	5	41	.3	92	2	15	.18	.034	6	24	.58	238	.01	4	.48	.01	.23	1	5
031475	4	44	14	173	.1	53	16	638	4.50	26	5	ND	5	83	.2	64	2	17	.81	.040	9	43	.88	450	.01	6	.50	.01	.23	1	4
031476	2	48	17	156	.2	44	15	400	3.96	24	5	ND	6	43	.2	71	2	16	.29	.040	6	26	.68	415	.01	8	.56	.01	.26	1	4
031477	3	46	14	145	.3	38	14	367	3.77	24	5	ND	6	35	.3	81	2	14	.25	.040	6	27	.63	437	.01	6	.51	.01	.24	1	4
031478	4	48	17	282	.3	41	14	472	3.80	56	5	ND	5	54	.7	79	2	13	.48	.035	5	35	.67	243	.01	6	.46	.01	.23	1	3
031479	3	47	17	350	.1	44	14	447	4.05	19	5	ND	4	35	1.5	81	2	12	.24	.025	5	36	.65	304	.01	6	.42	.01	.22	1	1
031480	3	51	19	196	.3	47	15	385	3.92	259	5	ND	3	40	.5	129	2	12	.21	.018	5	33	.52	126	.01	7	.44	.01	.23	1	14
031481	4	49	19	184	.3	49	14	390	3.62	182	5	ND	3	35	.2	105	2	13	.18	.017	4	36	.41	150	.01	6	.42	.01	.21	1	39
031482	4	49	16	132	1.1	47	14	475	3.66	1137	5	ND	3	252	.3	170	2	11	1.06	.008	5	51	.58	61	.01	6	.40	.01	.21	1	580
031483	3	84	38	240	8.6	117	26	870	5.35	8959	5	5	1	803	.8	20487	2	26	3.07	.013	4	40	1.52	40	.01	5	.49	.01	.13	1	5640
031484	6	58	40	200	5.3	105	19	407	3.92	5002	5	ND	2	289	.6	11341	2	21	1.09	.013	6	65	.57	42	.01	7	.66	.01	.15	1	2730
031485	7	59	45	108	5.1	49	9	137	1.95	1619	5	ND	1	99	.9	51050	20	14	.30	.011	4	77	.17	34	.01	7	.43	.01	.12	4	880
031486	10	34	78	66	3.5	29	9	65	1.61	1056	5	ND	3	38	.6	27503	2	10	.07	.009	7	102	.06	65	.01	7	.23	.01	.07	1	540
031487	9	49	58	429	5.4	40	10	82	1.79	246	5	ND	5	25	2.9	30309	2	15	.09	.006	13	94	.06	57	.01	9	.32	.01	.11	3	189
031488	9	23	29	134	2.3	36	10	72	1.63	228	5	ND	5	32	1.1	2334	2	17	.06	.010	12	92	.05	120	.01	8	.36	.01	.10	3	240
031489	6	43	22	113	.1	48	14	279	3.25	84	5	ND	6	33	.3	48	2	14	.10	.015	7	44	.05	732	.01	7	.52	.01	.18	1	9
031490	6	40	20	123	.1	39	14	283	2.66	63	5	ND	5	30	.2	32	2	12	.09	.010	6	35	.05	1150	.01	8	.49	.01	.19	1	4
031491	5	40	15	96	.1	38	14	258	2.92	56	5	ND	5	29	.2	30	2	12	.08	.012	5	32	.05	1135	.01	6	.46	.01	.19	1	6
031492	4	42	24	91	.3	37	12	171	3.16	107	5	ND	6	36	.2	26	2	13	.09	.015	7	33	.06	650	.01	9	.55	.01	.22	1	5
031493	6	44	19	136	.2	41	13	220	3.12	238	5	ND	9	34	.4	23	2	16	.08	.018	30	31	.07	1264	.01	7	.57	.01	.20	1	10
031494	4	53	81	218	.1	59	16	456	4.06	140	5	ND	11	37	.5	17	3	45	.20	.042	41	55	.56	757	.01	6	1.51	.03	.30	1	36
031495	5	60	35	171	.2	101	23	326	6.07	357	5	ND	9	54	.6	89	2	50	.10	.044	35	61	.30	934	.01	7	1.15	.02	.26	1	11
031496	4	50	19	185	.2	53	17	252	3.91	108	5	ND	6	43	.3	66	2	16	.03	.022	8	16	.06	1010	.01	7	.73	.01	.26	1	9
031497	3	42	21	151	.1	42	14	205	3.89	153	5	ND	5	58	.2	38	2	15	.02	.016	6	16	.04	642	.01	9	.57	.01	.22	1	4
031498	3	40	22	143	.2	37	14	147	3.82	218	5	ND	5	59	.2	47	2	16	.02	.017	5	1	.04	1208	.01	8	.62	.01	.25	1	12
031499	2	51	21	161	.3	51	17	322	4.39	177	5	ND	6	32	.3	100	2	14	.05	.018	6	1	.06	1247	.01	9	.55	.01	.23	1	10
031500	2	59	24	162	.1	47	15	188	3.88	445	5	ND	5	30	.9	80	2	12	.06	.016	5	4	.08	732	.01	5	.54	.01	.23	1	5
STANDARD C/AU-R	18	58	39	133	6.9	70	32	1043	4.00	41	17	7	40	52	18.3	14	21	56	.48	.090	39	59	.89	178	.09	32	1.89	.07	.15	13	470

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BLUE BCRC 91-538

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
031501	4	59	22	169	.2	45	17	184	3.72	262	5	ND	5	38	.2	52	2	14	.06	.013	6	39	.17	543	.01	9	.57	.01	.27	1	8
031502	4	57	19	176	.6	55	20	211	3.42	279	5	ND	7	41	.2	54	2	15	.06	.014	6	36	.10	716	.01	8	.53	.01	.24	1	7
031503	4	55	16	158	.5	50	17	227	3.04	251	5	ND	6	40	.3	53	2	16	.06	.017	6	51	.11	583	.01	8	.57	.01	.26	1	6
031504	6	42	17	141	.5	40	15	195	2.83	93	5	ND	7	36	.3	48	2	17	.07	.024	6	76	.19	482	.01	7	.47	.01	.21	1	10
031505	3	48	19	163	.4	47	17	203	3.77	31	5	ND	6	37	.2	58	2	17	.09	.029	6	34	.25	516	.01	10	.62	.01	.29	1	2
031506	3	51	16	148	.6	68	22	540	4.25	109	5	ND	7	64	.2	436	2	22	.68	.048	10	43	.62	435	.01	10	.59	.01	.26	1	47
031507	3	47	19	136	.2	42	16	339	4.04	66	5	ND	6	30	.2	52	2	15	.21	.044	7	40	.55	493	.01	10	.53	.01	.27	1	3
031508	4	48	22	141	.3	42	16	285	3.67	226	5	ND	5	34	.4	449	2	15	.17	.036	6	42	.39	370	.01	10	.54	.01	.27	1	23
031509	4	51	24	176	.3	46	16	288	3.51	225	5	ND	5	33	.4	273	2	14	.17	.027	5	35	.49	411	.01	9	.52	.01	.26	1	14
031510	5	41	13	139	.3	41	14	334	3.28	570	5	ND	4	46	.5	73	2	13	.30	.018	4	56	.37	154	.01	8	.44	.01	.22	1	86
031511	6	45	21	187	2.2	42	14	274	3.24	1568	5	ND	3	32	.8	1876	2	15	.11	.010	8	69	.18	39	.01	7	.47	.01	.20	1	680
031512	10	35	16	90	2.0	24	8	76	1.78	439	5	ND	3	25	.7	1085	2	11	.05	.009	4	101	.05	52	.01	9	.27	.01	.12	1	320
031513	10	29	17	79	1.3	29	9	117	1.93	388	5	ND	3	21	.5	133	2	11	.05	.009	5	110	.08	162	.01	10	.31	.01	.14	1	171
031514	10	18	10	35	.9	18	6	46	.95	107	5	ND	3	16	.2	84	2	6	.03	.005	4	113	.03	235	.01	9	.22	.01	.10	1	140
031515	10	23	20	82	.9	28	8	76	1.45	122	5	ND	2	26	.2	1325	2	9	.05	.017	5	120	.05	260	.01	6	.27	.01	.11	3	74
031516	11	27	16	46	.9	23	6	30	.92	65	5	ND	2	18	.6	123	2	6	.03	.008	4	128	.02	180	.01	7	.19	.01	.09	3	67
031517	11	35	22	65	3.6	27	10	28	1.73	107	5	ND	5	19	.6	915	2	9	.04	.006	7	106	.02	114	.01	9	.30	.01	.15	1	137
031518	9	30	22	68	2.4	28	9	38	1.30	148	5	ND	4	16	.8	4120	2	10	.03	.007	8	99	.02	99	.01	7	.28	.01	.09	1	230
031519	8	37	19	143	.9	56	15	85	2.95	3290	5	ND	5	37	1.6	361	2	13	.17	.012	5	69	.09	36	.01	11	.60	.01	.25	1	930
031520	8	33	16	132	.3	43	13	192	2.70	362	5	ND	4	35	.4	92	2	11	.26	.013	4	62	.18	81	.01	11	.45	.01	.24	1	87
031521	7	33	19	112	.9	41	13	141	2.67	1527	5	ND	4	66	.2	94	2	11	.42	.010	4	53	.18	54	.01	10	.40	.01	.22	1	280
031522	8	34	18	128	.8	43	14	232	3.18	1198	5	ND	4	119	.2	53	2	11	.77	.016	5	49	.39	54	.01	11	.50	.01	.27	1	300
031523	6	41	18	117	.4	44	15	271	3.28	66	5	ND	7	35	.4	48	2	16	.11	.016	6	61	.06	820	.01	5	.47	.01	.19	1	14
031524	5	45	19	120	.4	44	16	270	3.60	37	5	ND	7	34	.2	40	2	15	.11	.015	6	53	.06	869	.01	5	.53	.01	.23	1	10
031525	6	50	24	147	.3	45	19	251	4.01	46	5	ND	7	38	.2	42	2	13	.09	.015	8	56	.06	614	.01	8	.53	.01	.24	1	12
031526	5	36	25	80	.4	29	12	117	3.33	63	5	ND	8	40	.2	64	2	15	.07	.015	22	48	.04	848	.01	8	.48	.01	.19	1	9
031527	5	42	18	114	.1	40	14	156	3.31	27	5	ND	8	32	.2	27	2	14	.05	.016	26	55	.04	987	.01	7	.48	.01	.19	1	10
031528	4	43	22	119	.2	36	15	143	3.39	17	5	ND	10	38	.2	20	2	14	.05	.018	27	46	.06	911	.01	9	.48	.01	.21	1	5
031529	3	58	12	125	.1	141	38	1027	6.53	32	5	ND	4	253	.2	15	2	65	3.77	.048	17	124	1.89	1891	.01	4	.79	.01	.16	1	12
031530	4	46	14	102	.2	73	22	509	4.07	23	5	ND	9	105	.5	20	2	35	.94	.039	32	62	.62	894	.01	11	.89	.02	.26	1	6
031531	3	46	18	115	.2	42	15	231	3.41	16	5	ND	10	42	.2	21	2	18	.14	.021	30	30	.12	656	.01	8	.52	.01	.22	1	5
031532	8	36	15	114	.1	43	15	207	3.68	10	5	ND	7	30	.2	23	2	17	.06	.020	13	94	.21	902	.01	7	.47	.01	.19	1	5
031533	6	55	25	131	.3	51	17	202	3.88	22	5	ND	6	32	.7	31	2	15	.07	.020	6	60	.12	753	.01	10	.55	.01	.27	1	3
031534	4	53	24	148	.3	46	17	193	3.48	32	6	ND	6	27	.8	23	2	15	.08	.018	5	30	.29	554	.01	7	.52	.01	.27	1	8
031535	3	54	24	144	.2	44	17	286	3.77	65	5	ND	5	38	.4	33	2	15	.08	.019	5	27	.30	494	.01	6	.49	.01	.25	1	6
031536	4	53	22	109	.3	50	19	358	4.17	100	7	ND	5	48	.3	30	2	14	.08	.019	5	38	.17	590	.01	7	.44	.01	.22	1	7
STANDARD C/AU-R	18	56	35	128	7.0	71	34	1046	3.91	39	18	7	41	52	18.4	15	19	55	.48	.091	39	59	.83	172	.09	32	1.83	.06	.15	11	460

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BLUE BCRC 91-539

P.004 007

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
031537	4	57	23	127	.4	49	18	254	3.71	94	5	ND	6	43	.2	52	2	15	.08	.018	5	41	.13	726	.01	5	.53	.01	.25	1	8
031538	4	56	22	160	.4	51	18	269	3.91	72	5	ND	6	38	.2	76	2	19	.09	.018	5	38	.23	660	.01	9	.63	.01	.30	1	5
031539	4	55	19	152	.4	46	16	238	3.58	78	5	ND	7	33	.2	50	2	20	.11	.019	6	37	.35	611	.01	7	.63	.01	.30	1	6
031540	4	51	18	325	.2	45	16	313	3.86	350	5	ND	4	42	.4	106	2	18	.11	.014	5	33	.36	777	.01	10	.55	.01	.26	1	9
031541	5	46	18	144	.2	47	16	422	4.03	261	5	ND	4	53	.2	69	2	19	.36	.021	7	61	.56	929	.01	7	.50	.01	.23	1	6
031542	4	46	20	161	.3	50	17	365	4.56	149	5	ND	6	35	.4	71	2	18	.30	.047	6	46	.59	136	.01	10	.66	.01	.30	1	5
031543	4	49	16	144	.3	39	16	375	4.04	63	5	ND	6	33	.3	62	2	19	.29	.048	6	47	.62	382	.01	9	.73	.01	.34	1	10
031544	6	44	17	135	.3	38	15	448	4.32	38	5	ND	6	29	.2	54	6	21	.31	.047	6	63	.70	393	.01	14	.84	.01	.41	1	6
031545	5	49	19	144	.3	37	14	313	3.17	40	5	ND	5	43	.5	106	2	19	.41	.044	5	56	.59	394	.01	11	.54	.01	.27	1	13
031546	5	52	18	133	.4	34	14	374	3.19	32	5	ND	4	76	.3	83	2	17	.87	.030	5	57	.68	392	.01	5	.43	.01	.22	1	8
031547	5	49	17	127	.1	33	14	381	3.42	23	5	ND	6	50	.2	51	2	14	.66	.031	20	53	.61	392	.01	9	.45	.01	.25	1	6
031548	5	55	19	170	.4	31	14	360	3.03	49	5	ND	6	69	.5	64	2	14	.63	.025	13	60	.50	251	.01	9	.47	.01	.27	1	6
031549	5	43	18	134	.4	32	13	457	3.20	24	5	ND	8	53	.2	74	2	14	.90	.036	22	49	.61	362	.01	8	.50	.01	.28	1	9
031550	7	45	35	126	.7	33	13	436	2.88	556	5	ND	4	115	.2	78	2	13	1.42	.009	9	77	.66	82	.01	12	.53	.01	.30	1	104
031551	4	65	19	152	3.3	62	20	446	4.28	550	5	ND	4	114	.2	153	2	19	.58	.009	14	53	.68	49	.01	11	.53	.01	.26	1	161
031552	4	51	28	129	1.5	40	15	195	3.30	497	5	ND	3	123	.2	109	2	10	.55	.008	6	43	.33	40	.01	5	.42	.01	.24	1	156
031553	7	38	21	74	1.1	30	11	172	2.23	561	5	ND	3	123	.4	189	2	7	.42	.007	4	83	.21	62	.01	6	.27	.01	.16	1	159
031554	12	21	16	48	1.0	22	7	49	1.53	98	5	ND	2	24	.3	168	2	7	.07	.008	4	137	.05	106	.01	5	.20	.01	.10	4	77
031555	16	18	12	41	.9	23	6	74	1.04	79	5	ND	2	29	.2	624	2	10	.12	.010	5	198	.07	304	.01	6	.25	.01	.12	4	43
031556	14	29	28	36	3.3	20	6	48	.80	85	5	ND	3	18	.3	17234	2	8	.05	.009	5	162	.04	107	.01	5	.18	.01	.08	1	90
031557	17	19	21	24	1.5	34	7	89	1.60	159	5	ND	1	26	.2	318	2	8	.11	.013	3	189	.06	97	.01	7	.23	.01	.11	3	270
031558	13	71	11	54	11.2	21	5	46	.78	74	5	ND	1	21	.7	320	2	6	.08	.010	4	153	.04	351	.01	5	.17	.01	.07	4	63
031559	19	27	9	36	3.9	19	5	40	.98	76	5	ND	2	15	.5	2449	2	11	.03	.007	6	239	.02	201	.01	6	.24	.01	.08	2	126
031560	10	22	17	99	1.8	41	10	36	2.27	859	5	ND	3	16	.6	240	2	14	.04	.005	9	105	.02	44	.01	3	.31	.01	.09	1	530
031561	7	27	27	126	2.4	43	14	412	3.36	1859	5	ND	8	291	.6	1725	3	28	1.56	.016	20	64	.71	48	.01	4	.43	.01	.12	1	720
031562	5	33	28	118	2.0	33	15	599	3.58	3344	5	2	8	440	.7	116	2	21	2.29	.017	23	48	.94	68	.01	8	.35	.01	.13	1	1180
031563	8	31	24	113	2.9	33	12	561	3.24	386	5	ND	5	246	.5	63	2	21	1.41	.010	10	70	.61	60	.01	3	.32	.01	.14	1	290
031564	10	24	22	51	1.3	30	8	116	1.45	93	5	ND	3	44	.2	52	2	8	.25	.007	7	119	.11	133	.01	8	.23	.01	.12	2	124
031565	16	13	14	44	.7	23	4	45	.80	66	5	ND	2	22	.2	36	2	7	.05	.009	4	204	.03	283	.01	5	.16	.01	.07	3	59
031566	17	44	19	175	2.0	44	7	100	2.06	584	5	ND	4	135	2.7	263	2	92	.13	.056	7	79	.04	1647	.01	11	.49	.01	.17	2	230
031567	24	85	13	165	1.2	42	8	493	3.25	668	5	ND	2	71	2.7	82	2	38	.14	.028	3	39	.06	1256	.01	11	.54	.01	.20	1	19
031568	23	103	28	91	.6	25	4	46	2.51	151	5	ND	2	57	2.7	33	2	51	.21	.032	3	41	.07	1179	.01	11	.63	.01	.23	1	13
031569	26	89	31	169	1.5	47	8	182	2.94	353	5	ND	2	109	4.0	114	4	89	.20	.056	5	61	.07	1736	.01	15	.75	.01	.25	1	74
031570	17	40	24	99	.9	17	4	37	1.73	105	5	ND	1	77	4.7	44	2	44	.14	.035	3	52	.07	1885	.01	15	.64	.01	.24	1	24
031571	16	39	29	118	.7	20	5	21	1.92	57	5	ND	1	64	2.5	28	3	33	.11	.032	2	37	.06	1817	.01	12	.58	.01	.24	1	10
031572	14	35	19	109	.3	18	3	15	1.48	66	6	ND	1	75	1.0	55	2	43	.12	.021	2	29	.05	965	.01	11	.46	.01	.24	1	13
STANDARD C/AU-R	19	58	37	133	7.1	75	32	1070	4.02	41	20	7	40	52	18.6	15	19	56	.48	.095	39	59	.89	180	.09	33	1.92	.06	.15	11	450

Blue
Acme 91-539

Blue
91-540

JUL-19-1991 10:23 FROM ACME ANALYTICAL TO NORANDA YT P.006/007

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
031573	14	36	36	126	1.1	21	3	39	1.39	77	5	ND	2	97	1.3	266	2	46	.17	.024	4	26	.09	841	.01	13	.66	.01	.22	1	35
031574	16	34	19	287	.3	39	6	46	1.54	50	5	ND	2	54	2.0	43	2	44	.09	.017	2	1	.06	701	.01	12	.56	.01	.23	1	3
031575	19	40	15	279	.3	38	6	50	1.96	41	5	ND	2	49	1.2	77	2	39	.09	.015	2	1	.05	809	.01	12	.50	.01	.20	2	5
031576	21	42	20	187	.3	28	4	52	2.14	36	5	ND	2	59	1.2	43	2	39	.09	.021	4	1	.06	849	.01	12	.53	.01	.22	1	1
031577	12	170	22	164	.9	26	5	59	2.16	60	5	ND	4	177	4.9	46	3	48	.19	.047	14	21	.10	465	.01	17	.77	.01	.27	1	8
031578	4	41	23	294	.1	37	13	618	3.39	140	5	ND	13	346	2.7	27	2	21	2.35	.022	30	33	1.11	323	.01	3	.41	.01	.12	1	14
031579	3	27	28	208	.1	33	12	618	3.46	350	5	ND	12	470	.7	29	2	19	2.67	.019	28	30	1.25	255	.01	4	.36	.01	.11	1	24
031580	3	41	27	330	.5	43	13	451	3.54	279	5	ND	9	221	2.4	25	2	24	1.48	.022	23	28	.81	201	.01	8	.49	.01	.14	1	32
031581	5	59	15	257	.9	33	7	115	2.85	188	5	ND	2	63	2.0	29	3	23	.17	.023	7	18	.20	301	.01	9	.52	.01	.17	1	12
031582	4	57	14	385	1.2	50	12	139	3.40	155	5	ND	2	58	2.5	26	3	21	.24	.025	3	26	.31	128	.01	11	.53	.01	.19	2	13
031583	3	78	10	363	1.0	58	12	154	3.77	133	5	ND	2	97	3.0	44	3	26	.47	.092	4	27	.41	63	.01	12	.66	.01	.21	1	10
031584	13	67	15	456	1.2	73	11	161	2.91	34	5	ND	1	111	5.2	30	2	29	.66	.037	3	47	.33	60	.01	7	.51	.01	.16	1	29
031585	9	32	29	403	.3	55	13	376	2.54	83	5	ND	6	83	3.6	34	2	15	.81	.029	13	73	.47	177	.01	5	.50	.01	.14	1	13
031586	5	41	21	295	1.6	52	12	277	2.62	4263	5	ND	3	128	1.7	388	3	11	.71	.009	5	50	.34	72	.01	7	.49	.01	.16	1	2420
031587	4	43	22	252	.7	47	14	284	3.02	3217	5	ND	3	96	1.1	74	2	12	.50	.009	5	37	.42	121	.01	6	.39	.01	.17	1	1610
031588	4	47	18	406	.5	52	15	343	3.16	1633	5	ND	4	75	1.3	71	3	15	.45	.025	6	36	.50	131	.01	9	.52	.01	.22	2	920
STANDARD C/AU-R	18	56	38	133	7.0	70	32	1046	4.01	41	18	8	40	52	18.9	16	20	56	.49	.090	39	59	.88	181	.09	34	1.88	.08	.15	13	460

ACME 91-540

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-060 330 File # 91-2521 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
031589	3	46	19	367	.3	46	14	286	3.29	1319	5	ND	4	66	.4	47	2	15	.38	.031	5	35	.48	99	.01	8	.55	.01	.27	1	340
031590	4	55	19	353	.4	56	16	460	3.79	1729	5	ND	4	98	1.3	45	3	15	.84	.020	7	52	.68	125	.01	7	.49	.01	.23	1	22
031591	6	47	16	161	1.2	45	11	243	3.29	7731	5	ND	3	121	.8	54	2	16	.61	.015	5	76	.30	30	.01	8	.52	.01	.23	1	3720
031592	8	32	21	201	.5	48	11	194	2.37	1187	5	ND	2	52	.8	53	2	20	.32	.008	4	73	.15	34	.01	5	.43	.01	.14	1	400
031593	7	28	21	220	.2	45	12	441	2.96	222	5	ND	4	52	.5	103	3	19	.79	.008	3	64	.37	87	.01	8	.55	.01	.22	1	21
031594	6	39	54	219	1.2	38	10	348	2.52	1502	5	ND	4	164	1.3	111	2	32	1.03	.023	9	58	.43	48	.01	5	.64	.01	.11	1	290
031595	23	79	20	529	2.6	108	7	185	1.56	671	5	ND	3	411	6.4	76	3	187	.72	.372	9	121	.21	51	.01	8	.91	.01	.09	1	44
031596	43	146	10	1706	2.7	150	5	239	1.33	149	14	ND	3	315	22.1	66	2	764	3.47	.790	13	156	.71	60	.01	21	.83	.01	.24	1	11
031597	36	91	7	1049	2.1	122	5	103	1.34	166	5	ND	1	304	19.5	49	3	585	1.43	.551	8	136	.13	59	.01	25	.83	.01	.21	1	13
031598	27	79	6	675	2.1	89	4	173	1.09	148	5	ND	1	390	9.0	38	2	371	3.29	.979	8	178	.34	96	.01	25	.79	.01	.20	1	7
031599	35	98	10	744	2.5	134	6	108	1.36	271	8	ND	2	495	12.0	50	2	438	1.30	.697	8	155	.13	53	.01	16	1.09	.01	.18	1	23
031600	20	118	26	178	.8	44	5	83	2.71	829	5	ND	3	76	2.5	80	4	59	.27	.035	4	54	.08	1074	.01	13	.88	.01	.26	1	30
031601	26	211	38	203	.7	41	3	49	2.78	625	5	ND	3	60	3.5	132	2	56	.29	.024	3	27	.07	826	.01	10	.56	.01	.18	1	5
031602	26	135	28	78	.6	29	2	26	2.13	283	5	ND	3	55	2.7	107	2	67	.24	.025	3	41	.07	1345	.01	16	.76	.01	.30	1	4
031603	23	138	23	246	.6	62	6	65	3.07	350	5	ND	3	56	5.7	97	2	59	.20	.032	3	23	.07	1183	.01	13	1.01	.01	.21	1	2
031604	21	142	22	135	.5	39	3	44	2.24	330	5	ND	3	55	3.4	95	4	57	.24	.027	3	35	.07	1175	.01	13	.82	.01	.24	1	1
031605	19	116	23	116	.5	28	3	31	1.73	226	5	ND	4	60	2.9	264	2	52	.18	.026	4	30	.07	1004	.01	12	.67	.01	.23	1	5
031606	17	133	23	135	.5	25	2	21	1.61	180	5	ND	3	118	4.7	41	3	49	.17	.030	4	22	.07	797	.01	10	.56	.01	.20	1	4
031607	28	86	19	174	.4	30	3	34	2.17	348	5	ND	4	111	4.0	77	3	52	.23	.034	12	19	.08	890	.01	11	.58	.01	.20	1	6
031608	41	112	24	253	1.3	48	5	95	4.38	670	5	ND	10	83	5.0	180	2	62	.20	.049	27	41	.07	642	.01	9	.64	.01	.21	1	420
031609	10	43	30	290	.8	41	13	527	3.58	1494	5	ND	15	237	4.9	110	2	20	.92	.023	33	34	.43	124	.01	5	.39	.01	.12	1	1600
031610	11	36	35	266	1.4	56	16	307	4.19	999	5	ND	17	248	4.6	126	4	21	.92	.025	36	49	.45	76	.01	5	.51	.01	.15	1	820
031611	15	36	29	134	2.5	25	3	57	2.00	314	8	ND	7	101	2.1	103	3	44	.17	.023	20	26	.08	528	.01	17	.57	.01	.28	1	340
031612	4	39	18	159	1.2	26	4	78	2.68	717	5	ND	4	193	1.6	99	2	25	.14	.033	13	23	.07	121	.01	15	.53	.01	.29	1	11
031613	4	79	19	187	1.3	33	5	49	2.62	524	5	ND	3	153	1.6	72	2	24	.12	.031	3	28	.06	77	.01	10	.64	.01	.25	1	420
031614	2	66	13	283	.8	33	5	71	2.38	471	5	ND	2	175	5.3	34	2	30	.35	.077	3	21	.14	144	.01	13	.68	.01	.26	1	20
031615	5	77	12	545	1.0	55	8	72	2.27	315	5	ND	4	159	11.2	49	2	51	.52	.137	6	26	.16	172	.01	15	.83	.01	.30	1	8
031616	3	85	12	394	1.1	52	13	207	3.53	154	5	ND	3	106	3.1	40	2	28	.66	.081	4	23	.48	60	.01	12	.61	.01	.26	1	12
031617	3	53	11	405	1.3	55	10	420	4.04	432	9	ND	3	673	2.8	47	2	20	5.18	.040	2	26	1.93	38	.01	7	.46	.01	.18	1	670
031618	6	54	1674	1113	4.7	89	17	416	3.06	1186	5	ND	2	102	22.0	348	2	22	.53	.008	3	68	.35	72	.01	6	.42	.01	.15	1	650
031619	4	48	174	345	1.2	67	14	189	3.25	2361	5	ND	4	40	4.2	71	2	18	.15	.007	4	36	.17	55	.01	6	.44	.01	.19	2	1620
031620	8	30	39	344	.3	43	11	468	2.67	499	5	ND	2	30	1.8	30	2	16	.09	.007	3	81	.12	123	.01	5	.33	.01	.12	1	54
031621	14	46	30	576	1.7	76	13	345	2.59	339	7	ND	5	202	5.9	47	2	63	.67	.044	7	69	.33	28	.01	4	.54	.01	.10	1	36
031622	11	65	62	556	2.8	88	10	543	2.62	245	5	ND	4	334	4.6	56	2	81	1.85	.118	11	92	.77	35	.01	6	.57	.01	.09	1	44
031623	34	113	21	1176	4.0	154	7	267	1.61	205	6	ND	2	433	15.0	86	2	325	1.01	.362	8	172	.41	47	.01	8	.92	.01	.13	5	29
031624	33	108	39	1150	4.0	152	6	230	1.36	116	5	ND	2	363	17.0	65	2	410	1.78	.500	9	138	.46	45	.01	11	.78	.01	.13	2	20
STANDARD C/AU-R	17	61	35	132	7.0	74	33	1073	4.03	40	21	6	39	52	18.5	16	19	55	.49	.090	39	59	.90	181	.09	31	1.97	.06	.15	11	460

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 15 1991 DATE REPORT MAILED: July 17/91 SIGNED BY: C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Blue BCAC 91540

Blue BCRC 91-541

TO NORANDA YT FROM ACME ANALYTICAL JUL-18-1991 13:28

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-060 330 FILE # 91-2521 Page 4

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031625	26	109	56	878	3.7	134	4	119	.91	204	13	ND	3	302	10.3	63	2	297	2.04	.706	13	198	.23	85	.01	12	.60	.01	.14	2	124
031626	34	110	24	1040	2.9	152	6	595	1.30	136	8	ND	3	414	16.7	63	2	443	2.31	.732	9	125	.41	41	.01	15	.86	.01	.15	2	67
031627	35	88	13	1276	1.8	100	7	283	1.40	64	11	ND	3	236	15.2	49	5	373	2.11	.350	8	117	.72	40	.01	12	.55	.01	.14	1	27
031628	32	70	28	975	1.2	77	6	311	1.24	117	5	ND	2	200	9.7	49	6	225	3.15	.077	4	92	1.60	65	.01	5	.27	.01	.08	1	69
031629	7	49	27	346	.6	38	9	482	2.33	100	5	ND	1	280	2.6	28	2	66	3.87	.047	2	50	1.85	55	.01	5	.28	.01	.10	1	62
031630	10	51	31	344	.9	46	10	355	2.57	77	5	ND	3	267	2.6	28	2	46	4.73	.098	3	71	1.15	27	.01	8	.43	.01	.16	1	43
031631	5	38	38	232	.4	35	10	270	2.35	112	5	ND	3	362	1.5	16	2	19	9.98	.021	3	26	.93	52	.01	6	.34	.01	.18	1	78
031632	4	52	29	130	.3	45	14	422	2.83	106	5	ND	6	321	1.0	21	2	38	9.59	.044	18	103	1.43	83	.01	6	.42	.01	.15	1	56
031633	4	41	28	122	.4	36	12	351	2.65	70	9	ND	6	399	.7	13	2	29	12.26	.028	12	66	1.43	72	.01	7	.44	.01	.20	1	35
031634	82	62	36	267	.4	104	19	357	4.30	52	5	ND	7	105	.7	125	2	16	.94	.022	32	18	.09	1525	.01	15	.52	.01	.21	1	15
031635	46	160	18	477	2.2	131	9	209	2.59	107	10	ND	4	401	3.1	79	2	255	.34	.187	15	102	.05	4044	.01	11	.82	.01	.13	1	26
031636	28	131	8	257	2.6	72	4	69	1.45	77	14	ND	3	522	2.4	86	2	296	.28	.291	10	158	.03	6033	.01	7	.74	.01	.07	2	11
031637	25	122	12	266	3.2	55	4	75	1.31	70	5	ND	2	533	4.6	420	2	319	.30	.305	11	166	.03	6456	.01	7	.78	.01	.07	2	52
031638	26	130	13	347	4.0	104	5	91	1.49	132	15	ND	3	477	6.9	420	4	286	.27	.258	11	167	.03	5323	.01	5	.90	.01	.07	3	76
031639	21	126	11	275	4.2	71	4	75	1.15	103	20	ND	3	651	9.0	193	5	346	.29	.332	11	105	.04	7024	.01	7	.93	.01	.08	1	59
031640	36	157	24	539	3.1	101	14	480	2.63	143	8	ND	5	556	8.3	215	2	417	.59	.310	21	249	.17	6320	.01	7	1.00	.01	.07	1	38
031641	37	125	20	594	2.0	116	15	436	3.46	166	8	ND	5	316	10.7	195	2	315	.62	.164	15	227	.25	3412	.01	8	.86	.01	.11	1	72
031642	14	89	23	372	1.7	76	13	499	2.81	105	5	ND	6	277	6.7	131	2	137	1.84	.089	15	116	.77	796	.01	5	.58	.01	.09	1	49
031643	20	126	17	333	3.1	62	6	171	1.10	62	5	ND	3	782	13.8	130	2	630	.54	.444	15	193	.15	8304	.01	9	1.00	.01	.08	2	21
031644	13	49	6	167	1.8	34	2	61	.51	19	5	ND	1	321	4.3	42	2	373	.30	.172	7	86	.12	3789	.01	12	.53	.01	.09	2	8
031645	15	69	6	183	2.5	27	2	47	.72	39	5	ND	2	596	6.9	50	2	361	2.06	.900	12	123	.08	3405	.01	21	.76	.01	.14	2	1
031646	21	100	9	352	2.2	58	6	188	1.60	51	5	ND	2	438	10.2	183	2	256	2.48	.516	13	176	.78	1441	.01	21	.81	.01	.17	1	1
031647	27	89	8	418	1.6	54	4	143	1.21	35	5	ND	2	340	13.6	46	4	441	2.76	.518	12	106	.89	2037	.01	15	.58	.01	.15	1	4
031648	28	81	14	396	1.9	48	5	199	1.47	52	5	ND	4	285	10.2	35	2	241	2.75	.214	11	129	.98	1228	.01	14	.56	.01	.19	1	20
031649	21	65	26	218	1.1	58	11	296	2.38	51	5	ND	4	360	3.9	95	2	91	3.71	.101	16	60	.55	46	.01	11	.54	.01	.18	1	11
031650	16	53	31	150	.5	64	13	395	2.84	39	5	ND	5	397	1.4	59	2	29	4.42	.036	16	25	.72	24	.01	10	.43	.01	.17	1	4
031651	7	37	31	122	.5	38	13	675	3.50	23	5	ND	15	535	.5	23	4	26	3.82	.073	36	48	1.18	48	.01	9	.51	.01	.20	1	44
031652	5	37	26	146	.5	36	11	718	3.04	20	5	ND	8	645	.6	21	2	21	6.23	.049	23	32	1.30	30	.01	11	.52	.01	.20	1	1
031653	6	40	30	107	.7	48	12	572	2.89	20	13	ND	5	836	.5	18	2	16	7.25	.021	16	16	.97	24	.01	9	.43	.01	.20	1	1
031654	4	24	23	104	.5	25	8	561	2.89	23	5	ND	6	665	1.1	48	2	41	4.74	.071	21	28	1.10	56	.01	8	.47	.01	.15	1	2
031655	8	41	26	134	.5	47	11	487	2.54	32	5	ND	4	666	1.0	80	2	22	7.83	.030	10	25	1.03	21	.01	11	.43	.01	.19	1	1
031656	6	46	26	126	.5	45	12	425	2.58	30	5	ND	5	577	1.0	43	2	21	7.09	.027	11	17	.89	23	.01	8	.32	.01	.16	1	2
031657	8	42	19	258	2.2	31	3	61	2.63	4215	5	3	5	226	7.3	250	2	88	.41	.037	15	55	.06	491	.01	6	.43	.01	.25	1	3680
031658	6	37	19	160	2.5	21	4	62	2.77	2191	5	3	3	147	1.5	539	2	37	.27	.019	6	42	.08	434	.01	7	.47	.01	.24	1	5000
031659	5	48	30	101	1.1	16	1	17	.76	348	5	ND	1	88	1.5	205	6	28	.22	.020	3	23	.05	645	.01	9	.39	.01	.17	1	380
031660	6	66	23	56	1.6	15	1	29	1.11	441	5	ND	3	194	2.5	360	4	67	.20	.059	4	39	.06	1162	.01	11	.61	.01	.27	1	400
STANDARD C/AU-R	18	56	36	132	6.8	69	34	1055	3.95	41	17	6	40	52	18.7	15	19	57	.48	.090	40	57	.88	175	.09	33	1.94	.06	.13	15	460

Blue 91-541

Blue 91-542

-543

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
031661	6	55	153	205	2.6	16	2	165	1.04	316	5	2	3	150	1.2	226	2	42	.21	.031	5	51	.07	867	.01	10	.60	.01	.20	1	1400
031662	9	49	86	432	2.7	16	3	72	1.37	367	5	ND	3	105	1.8	521	3	47	.20	.026	6	43	.06	482	.01	7	.47	.01	.15	1	540
031663	22	99	13	199	9.2	57	8	54	.84	226	5	ND	2	699	7.2	265	5	334	.16	.358	11	194	.02	6780	.01	5	.91	.01	.05	5	32
031664	23	156	9	333	4.9	71	8	66	.77	102	6	ND	1	997	7.9	91	2	611	.64	.579	12	206	.03	6327	.01	6	1.16	.01	.08	4	15
031665	24	192	9	321	4.3	72	7	37	.84	136	6	ND	1	1008	5.8	57	3	503	.90	.771	13	252	.03	7456	.01	9	1.16	.01	.08	3	10
031666	25	214	17	768	4.4	131	13	349	2.17	210	5	ND	4	786	22.3	111	2	524	2.21	.338	19	236	.68	2958	.01	9	1.18	.01	.08	1	42
031667	11	95	15	447	1.6	77	9	488	1.91	89	5	ND	4	463	10.7	52	2	205	2.91	.172	13	173	1.16	580	.01	8	.77	.01	.08	1	7
031668	17	92	9	571	1.3	79	9	512	1.70	54	5	ND	3	308	16.7	43	5	151	1.49	.111	7	94	.69	1754	.01	9	.75	.01	.11	1	2
031669	17	99	6	444	2.7	72	7	299	1.03	47	5	ND	3	607	11.7	48	3	256	1.52	.313	11	139	.41	3787	.01	10	.85	.01	.08	1	3
031670	19	114	8	472	3.4	68	6	166	1.15	46	5	ND	3	603	10.8	61	2	223	1.89	.569	14	165	.56	2664	.01	14	.82	.01	.12	1	2
031671	8	60	8	199	.9	35	6	414	1.74	24	5	ND	3	238	7.3	25	2	74	2.42	.116	7	63	.98	126	.01	13	.58	.01	.20	1	2
031672	7	40	8	241	.5	36	8	396	2.18	26	5	ND	3	195	11.7	28	2	28	3.62	.033	5	30	1.64	116	.01	10	.45	.01	.18	1	3
031673	18	59	5	583	1.0	44	7	338	1.45	30	5	ND	3	229	8.1	33	3	111	4.55	.032	4	55	2.21	114	.01	9	.33	.01	.12	1	2
031674	17	49	15	591	1.0	36	6	291	1.54	37	5	ND	2	243	6.0	34	2	91	3.52	.016	3	84	1.65	81	.01	5	.27	.01	.11	1	4
031675	5	45	9	144	.8	34	8	316	1.87	29	5	ND	3	342	.9	19	2	24	3.82	.092	7	47	1.69	82	.01	9	.43	.01	.18	1	50
031676	6	44	29	220	.7	36	11	469	2.58	29	5	ND	9	625	3.0	19	2	46	5.19	.212	27	46	1.02	70	.01	14	.73	.01	.23	1	4
031677	13	59	17	279	1.5	54	11	204	3.35	834	11	ND	3	126	3.8	81	3	68	.24	.059	4	44	.06	1393	.01	15	.62	.01	.21	1	6
031678	12	124	16	326	1.2	80	10	375	2.94	996	7	ND	4	251	3.7	182	4	49	.21	.057	4	28	.05	1033	.01	14	.93	.01	.24	1	4
031679	11	121	16	274	3.1	49	6	135	2.80	1027	6	ND	3	283	3.8	212	2	43	.19	.045	3	28	.05	836	.01	14	.70	.01	.24	1	8
031680	10	144	31	219	1.2	33	4	74	2.04	608	5	ND	3	210	3.6	186	2	46	.18	.039	4	44	.06	891	.01	12	.63	.01	.23	1	10
031681	10	118	15	144	.9	24	3	14	1.79	293	5	ND	4	129	2.1	182	2	34	.12	.038	5	28	.05	838	.01	14	.62	.01	.24	1	9
031682	8	79	16	86	1.0	19	2	13	1.80	322	5	ND	6	83	1.6	153	2	35	.11	.031	17	33	.05	766	.01	12	.56	.01	.22	1	11
031683	8	102	44	272	.6	68	9	130	3.18	730	5	ND	20	119	3.3	225	2	23	.07	.032	52	43	.03	579	.01	8	1.06	.01	.16	1	280
031684	11	193	50	510	.8	118	16	650	3.42	961	5	ND	16	91	9.6	363	3	36	.10	.029	42	39	.03	596	.01	6	1.15	.01	.14	1	51
031685	7	96	51	211	2.2	32	6	326	1.30	305	5	ND	5	117	4.9	198	2	36	.21	.038	12	38	.09	1207	.01	12	.65	.01	.19	1	23
031686	15	125	43	207	2.3	37	8	302	1.84	511	5	ND	4	122	5.8	1037	2	52	.22	.043	9	50	.08	1187	.01	12	.66	.01	.20	1	18
031687	8	60	14	92	4.0	15	2	49	.66	251	5	ND	3	57	1.7	1553	2	40	.07	.010	4	75	.03	567	.01	10	.32	.01	.12	1	800
031688	10	68	10	355	3.1	48	5	187	.91	252	5	ND	2	166	12.6	1364	2	77	1.10	.049	5	88	.61	927	.01	5	.73	.01	.06	1	740
031689	17	107	11	322	3.2	53	6	176	1.28	325	5	ND	3	191	10.4	442	2	100	1.16	.055	6	144	.63	893	.01	6	.85	.01	.10	1	320
031690	16	84	11	260	2.1	46	6	149	1.38	386	5	ND	2	239	7.3	210	2	100	.62	.083	6	120	.33	1555	.01	10	.77	.01	.14	1	18
031691	24	129	7	389	3.2	62	6	216	1.16	249	5	ND	2	743	9.8	95	2	270	1.44	.464	11	225	.54	3594	.01	9	1.07	.01	.08	5	11
031692	19	91	6	275	1.8	42	5	199	.93	200	7	ND	1	491	8.1	171	3	188	1.42	.395	10	167	.48	2662	.01	10	.87	.01	.12	1	14
031693	23	62	26	301	1.5	25	3	55	.65	98	5	ND	2	208	5.2	46	2	270	.25	.097	6	102	.09	729	.01	15	.43	.01	.11	1	3
031694	19	76	5	248	1.8	34	4	59	.82	192	9	ND	2	449	6.6	154	2	303	.64	.317	9	111	.11	1955	.01	15	.66	.01	.11	1	12
031695	18	146	4	334	4.1	48	4	74	.93	145	5	ND	1	565	8.0	89	2	383	1.66	.702	12	168	.22	2738	.01	14	.86	.01	.12	1	4
031696	11	98	13	488	1.7	80	15	557	2.21	155	5	ND	5	334	8.3	163	2	179	2.79	.226	16	183	.93	535	.01	9	.70	.01	.06	1	12
STANDARD C/AU-R	19	57	35	131	7.3	70	32	1065	3.94	44	16	7	39	53	18.5	14	17	57	.47	.089	40	58	.87	178	.09	33	1.89	.07	.15	12	540

Blue Acme 91-543

Blue Acme 91-544

JUL-13-1991 13:30 FROM ACME ANALYTICAL TO NORANDA YT P.004/010

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-060 330 FILE # 91-2521 Page

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
031697	10	83	10	292	1.2	50	7	348	1.80	189	5	ND	2	231	5.5	225	3	89	2.36	.092	8	93	.99	253	.01	9	.61	.01	.12	1	62
031698	9	74	6	313	.9	44	7	262	1.79	103	5	ND	1	166	3.4	59	2	78	3.31	.026	4	53	1.53	115	.01	11	.51	.01	.16	1	32
031699	5	58	6	180	.7	34	7	242	1.84	107	5	ND	1	156	1.3	56	2	33	2.66	.023	4	66	1.23	96	.01	11	.51	.01	.18	1	20
031700	17	41	18	284	.7	66	10	941	2.25	149	5	ND	4	97	3.0	178	2	101	.17	.066	12	55	.06	1547	.01	10	.73	.01	.14	1	115
031701	18	18	14	185	.6	39	5	346	1.75	426	5	ND	3	51	2.1	149	2	46	.14	.021	6	83	.05	549	.01	6	.53	.01	.16	1	640
031702	10	34	20	123	.3	50	4	127	2.06	352	5	ND	5	53	1.3	105	2	29	.13	.015	6	29	.05	449	.01	4	.56	.01	.20	1	270
031703	11	46	28	130	1.1	37	6	184	2.15	955	6	ND	7	102	1.2	479	2	49	.13	.018	19	40	.05	449	.01	7	.66	.01	.17	1	210
031704	8	46	24	113	.4	28	5	191	1.69	341	5	ND	5	101	.9	138	2	43	.20	.027	10	19	.07	686	.01	8	.65	.01	.23	1	44
031705	6	51	20	23	.2	7	2	27	1.01	141	5	ND	5	80	.2	34	2	17	.09	.013	7	16	.05	423	.01	8	.59	.01	.21	1	18
031706	7	51	17	28	.1	8	2	43	1.26	220	5	ND	4	42	.2	78	3	12	.09	.010	6	16	.05	432	.01	7	.60	.01	.21	1	12
031707	5	66	22	28	.7	6	2	69	1.14	1331	5	ND	4	212	1.2	233	2	15	.12	.006	7	17	.05	388	.01	7	.61	.01	.24	1	1140
031708	6	60	29	55	2.0	17	5	170	1.86	827	5	ND	9	223	.8	1135	2	26	.44	.008	25	58	.21	293	.01	10	.59	.01	.23	1	1440
031709	6	15	46	68	3.8	10	4	99	1.85	2264	5	2	16	189	.4	1021	2	19	.12	.021	45	36	.03	416	.01	4	.45	.01	.15	1	2300
031710	7	31	34	128	.9	34	9	726	4.11	6618	5	2	15	208	.7	395	2	34	.49	.019	39	45	.24	424	.01	4	.62	.01	.15	1	3320
031711	7	49	14	75	1.8	22	7	97	2.42	2567	5	ND	5	155	.4	123	2	14	.15	.009	8	48	.05	116	.01	7	.49	.01	.22	1	2540
031712	4	58	18	81	1.6	28	9	211	3.03	4814	5	2	4	213	1.1	139	2	11	.60	.008	6	25	.22	126	.01	7	.53	.01	.22	1	4880
031713	3	43	17	103	1.6	34	11	60	2.88	4836	5	ND	4	128	2.0	179	2	12	.18	.010	6	28	.07	86	.01	11	.65	.01	.26	1	3950
031714	4	57	14	101	3.3	38	12	39	2.55	3839	5	ND	3	103	1.1	151	2	11	.14	.008	6	29	.06	47	.01	6	.60	.01	.20	1	7010
031715	4	45	17	95	2.9	32	9	131	2.62	4007	5	6	3	145	.9	149	2	15	.37	.009	6	44	.17	47	.01	7	.57	.01	.20	1	5930
031716	4	59	20	87	3.0	39	12	83	2.43	1728	5	2	3	96	1.2	731	2	16	.25	.007	5	47	.11	51	.01	6	.59	.01	.21	1	2760
031717	4	53	19	145	.9	49	14	152	3.00	2023	5	ND	2	82	1.0	160	2	18	.35	.007	3	35	.16	71	.01	6	.64	.01	.23	1	1450
031718	6	31	20	133	2.0	45	10	182	2.12	927	5	2	2	133	1.0	20226	2	14	.54	.005	5	63	.25	39	.01	4	.44	.01	.12	1	1290
031719	4	65	18	166	7.6	25	9	716	2.87	252	5	2	1	545	1.1	27753	2	29	2.44	.008	13	65	1.12	43	.01	4	.30	.01	.08	1	820
031720	10	44	26	305	3.7	47	9	349	2.37	393	5	ND	3	218	2.1	20671	2	59	1.23	.040	12	78	.55	40	.01	6	.51	.01	.10	1	480
031721	20	101	12	692	3.7	102	7	291	1.69	202	5	ND	1	288	6.6	593	3	189	2.06	.251	7	147	.97	52	.01	4	.62	.01	.07	4	280
031722	22	98	7	817	3.1	88	9	365	1.69	192	5	ND	1	266	8.5	386	2	194	3.33	.126	9	136	1.50	70	.01	5	.46	.01	.08	4	260
031723	25	97	14	966	1.6	79	10	420	1.73	251	6	ND	2	250	9.7	310	2	183	4.94	.056	8	118	2.26	95	.01	3	.35	.01	.08	5	340
031724	30	109	5	1090	2.0	82	4	303	1.18	137	8	ND	1	206	11.3	113	2	221	4.69	.043	3	86	2.31	110	.01	7	.29	.01	.10	6	200
031725	16	82	33	660	1.8	57	6	483	1.62	147	5	ND	1	268	6.6	101	2	149	5.47	.030	5	75	2.50	92	.01	4	.27	.01	.08	4	210
031726	24	72	8	775	1.4	63	5	328	1.35	83	6	ND	1	247	7.8	105	2	167	4.28	.049	4	72	2.02	88	.01	3	.28	.01	.08	4	280
031727	28	43	6	436	.6	58	5	235	1.60	89	5	ND	1	200	4.0	59	2	80	3.11	.013	4	69	1.57	84	.01	5	.25	.01	.10	2	200
031728	5	55	7	192	.5	55	16	417	4.01	118	5	ND	1	290	1.2	88	2	36	3.40	.018	3	49	1.51	33	.01	8	.35	.01	.15	1	200
031729	3	73	16	319	.5	81	25	939	4.24	482	5	ND	4	256	.7	73	2	75	5.84	.025	15	204	2.14	86	.01	2	.40	.01	.05	2	320
031730	7	67	14	234	.5	57	15	569	3.39	431	5	ND	2	265	.9	46	2	46	3.23	.026	8	102	1.32	43	.01	4	.39	.01	.14	1	280
031731	8	59	11	231	.4	58	14	327	3.19	123	5	ND	5	139	1.7	141	2	51	1.81	.044	20	166	1.09	43	.04	9	.72	.01	.44	1	220
031732	10	55	15	143	.5	51	13	247	2.99	93	5	ND	5	209	.9	69	2	23	1.99	.025	18	43	.69	27	.01	9	.46	.01	.22	1	240
STANDARD C/AU-R	17	56	38	133	7.2	71	32	1043	4.00	42	18	6	39	52	18.6	16	19	54	.48	.089	38	58	.89	178	.09	34	1.91	.07	.15	11	480

-544

Blue?
BCRC 91-545

JUL-15-1991 13:31 FROM HUME MINERALS TO

FROM ACME ANALYTICAL TO NORANDA YT
JUL-19-1991 13:33

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-060 330 **FILE # 91-2521** Page

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
031733	6	39	12	118	.3	37	10	309	2.43	48	6	ND	4	452	.9	39	2	18	9.95	.022	3	19	1.35	90	.01	12	.40	.01	.20	1	64
031734	9	26	16	90	.1	22	5	186	1.75	329	5	ND	4	60	.4	114	2	37	.25	.027	10	80	.11	594	.01	11	.68	.01	.20	1	130
031735	9	49	27	151	1.6	33	9	260	2.74	1869	5	ND	12	137	1.4	562	2	48	.48	.074	30	76	.12	1433	.01	10	.66	.01	.22	1	1430
031736	7	52	22	170	1.3	31	8	212	3.14	1869	5	ND	9	215	1.9	350	2	31	.27	.079	23	53	.08	903	.01	10	.54	.01	.20	1	210
031737	11	47	19	81	1.5	19	3	89	2.71	2125	7	ND	3	293	3.3	143	2	34	.19	.049	6	53	.06	1037	.01	11	.53	.01	.24	1	36
031738	16	39	19	176	.8	29	5	112	3.25	1538	5	ND	2	262	1.0	150	2	45	.19	.050	4	80	.08	861	.01	14	.58	.01	.25	1	23
031739	11	37	12	135	1.0	28	5	85	2.70	1122	5	ND	2	165	1.2	114	2	34	.19	.037	2	62	.08	1210	.01	13	.58	.01	.21	1	73
031740	15	61	19	192	1.0	39	5	85	2.54	1272	5	ND	3	254	2.9	148	2	48	.18	.043	5	60	.07	1044	.01	11	.62	.01	.23	1	61
031741	9	51	16	209	.6	32	7	78	2.71	844	9	ND	5	195	1.0	139	2	27	.18	.038	14	35	.07	778	.01	13	.51	.01	.24	1	15
031742	3	44	32	580	.2	80	22	772	4.06	556	5	ND	17	154	3.3	57	3	28	1.09	.031	45	45	.67	701	.01	6	.59	.01	.12	1	15
031743	4	34	32	328	.1	53	18	745	3.82	494	5	ND	18	128	1.3	66	2	30	.88	.027	39	63	.67	556	.01	5	.56	.01	.12	1	13
031744	4	36	32	286	.4	48	17	687	3.78	1455	5	ND	19	97	3.3	79	2	28	.41	.022	39	49	.39	545	.01	5	.47	.01	.13	1	290
031745	7	42	116	256	.6	41	13	332	3.19	1608	5	ND	12	115	3.4	105	2	25	.32	.022	27	50	.19	391	.01	7	.42	.01	.14	1	390
031746	2	47	28	278	.6	125	32	841	5.13	702	5	ND	5	244	1.2	50	2	39	2.07	.056	18	76	1.67	1860	.01	7	1.04	.01	.22	1	61
031747	2	45	17	249	.7	95	27	772	4.79	2138	5	2	5	214	1.2	38	2	31	2.15	.045	17	59	1.64	241	.01	6	.51	.01	.16	1	1810
031748	5	46	16	199	1.1	39	13	181	2.61	2868	5	ND	4	73	.9	45	2	13	.30	.010	6	65	.20	129	.01	7	.43	.01	.21	1	370
031749	5	47	21	247	.8	48	15	307	3.00	1750	5	ND	4	82	.9	52	2	16	.36	.017	5	49	.24	300	.01	8	.44	.01	.23	1	1350
031750	4	53	16	189	.4	62	18	487	3.73	1048	5	ND	4	71	1.1	51	2	20	.43	.018	7	39	.50	321	.01	9	.51	.01	.23	1	340
031751	3	53	18	130	.5	65	21	321	4.63	4155	5	ND	6	47	.2	43	2	19	.14	.020	24	34	.60	85	.01	8	.51	.01	.26	1	1350
031752	6	40	21	136	.3	42	13	313	3.02	431	5	ND	3	62	.3	55	2	13	.61	.016	5	46	.46	121	.01	8	.38	.01	.21	1	100
031753	6	34	21	161	.5	37	12	237	2.45	145	7	ND	5	50	.6	26	2	11	.45	.008	4	36	.31	146	.01	10	.37	.01	.23	1	58
031754	6	32	20	115	.2	32	11	339	2.23	161	5	ND	3	54	.4	25	2	9	.65	.007	4	58	.27	132	.01	9	.34	.01	.19	1	85
031755	8	32	16	141	.2	35	11	338	2.63	155	5	ND	3	56	.2	20	2	12	.67	.009	3	91	.33	136	.01	9	.36	.01	.21	1	63
031756	7	34	17	134	.1	35	12	265	2.75	123	5	ND	3	76	.2	18	2	10	.48	.007	4	60	.26	89	.01	9	.35	.01	.21	1	46
031757	5	35	23	81	.3	34	12	266	2.37	115	5	ND	3	63	.2	16	2	8	.51	.006	3	49	.20	76	.01	8	.31	.01	.20	1	39
031758	6	33	18	102	.3	31	10	332	2.53	123	5	ND	3	87	.3	16	2	8	.91	.008	3	63	.32	78	.01	8	.33	.01	.20	1	28
031759	5	32	20	77	.4	31	10	328	2.26	87	5	ND	4	71	.2	16	2	8	.87	.009	3	47	.29	110	.01	7	.31	.01	.19	1	47
031760	5	37	20	112	.2	34	13	344	3.07	79	5	ND	4	54	.3	16	2	10	.75	.013	4	51	.31	127	.01	10	.43	.01	.26	1	33
031761	4	41	26	95	.5	35	12	384	2.55	101	5	ND	4	73	.3	13	2	8	.75	.009	4	42	.26	95	.01	8	.34	.01	.21	1	56
031762	5	29	29	49	.8	30	10	395	1.95	100	5	ND	3	48	.2	13	2	7	.57	.007	3	46	.18	106	.01	8	.29	.01	.18	1	41
031763	4	32	21	79	.3	30	11	251	2.10	66	5	ND	3	64	.2	14	2	7	.65	.006	3	46	.24	93	.01	8	.30	.01	.19	1	20
031764	4	42	21	119	.1	36	13	236	2.61	85	5	ND	3	46	.4	16	2	9	.39	.007	3	39	.23	114	.01	11	.40	.01	.25	1	14
031765	6	34	17	124	.3	32	11	297	2.92	51	7	ND	4	74	.5	13	2	9	.61	.007	4	47	.33	129	.01	8	.28	.01	.20	1	17
031766	6	35	27	103	.4	34	12	381	2.63	38	5	ND	4	40	.2	8	2	9	.35	.010	4	39	.23	123	.01	8	.32	.01	.21	1	21
031767	9	23	28	51	.8	30	10	255	1.71	95	5	ND	3	35	.2	22	2	8	.38	.006	3	73	.14	101	.01	7	.28	.01	.17	1	31
031768	9	26	67	90	1.0	33	9	89	1.36	85	5	ND	3	28	.4	39	2	9	.16	.007	4	67	.07	109	.01	8	.30	.01	.17	1	20
STANDARD C/AU-R	19	63	40	132	7.4	71	32	1076	3.97	42	18	6	40	54	19.0	15	23	59	.48	.092	39	58	.90	175	.09	35	1.92	.07	.14	11	462

P.007/010 TO NORANDA YT FROM ACME ANALYTICAL JUL-13-1991 13:34

BCRC 91-546 Blue

BCRC 91-547 Blue

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
031769	7	30	47	219	.1	31	9	103	1.35	35	5	ND	2	26	1.0	55	2	7	.21	.003	4	63	.08	144	.01	6	.26	.01	.16	1	25
031770	24	69	19	724	2.5	76	7	153	1.48	151	5	ND	3	217	11.4	78	2	259	.51	.181	6	142	.22	124	.01	8	.60	.01	.14	3	62
031771	31	101	6	1125	4.0	103	4	117	.89	104	5	ND	2	338	17.9	56	2	530	.60	.400	7	154	.16	175	.01	8	.67	.01	.11	3	48
031772	30	105	7	1030	5.0	114	4	259	1.15	105	5	ND	2	365	14.2	69	2	340	1.51	.379	8	169	.59	123	.01	9	.58	.01	.10	2	51
031773	28	85	8	927	3.5	88	4	225	1.06	118	5	ND	1	341	12.6	61	2	281	1.12	.327	6	145	.46	185	.01	6	.57	.01	.09	3	27
031774	27	78	6	824	2.3	80	4	287	1.13	122	5	ND	1	369	11.1	56	2	253	2.00	.271	6	142	.91	131	.01	8	.52	.01	.09	1	72
031775	21	99	9	708	2.5	77	4	385	1.22	91	5	ND	1	386	6.9	62	2	189	5.01	.388	6	122	2.12	135	.01	14	.49	.01	.14	1	46
031776	15	49	9	417	1.5	51	4	432	1.14	175	5	ND	2	280	4.9	52	2	131	4.33	.198	4	92	1.98	164	.01	10	.39	.01	.12	1	25
031777	29	66	4	1018	1.5	71	3	116	.76	81	5	ND	1	237	17.6	34	2	454	1.52	.438	6	133	.27	190	.01	21	.47	.01	.15	1	16
031778	24	61	6	462	.8	58	4	273	1.06	69	5	ND	1	293	6.9	23	2	146	3.82	.190	6	81	1.66	172	.01	14	.39	.01	.14	1	24
031779	7	42	8	110	.6	30	7	359	1.82	120	5	ND	3	174	.8	26	2	22	1.85	.042	6	70	.82	113	.01	10	.33	.01	.16	1	32
031780	7	80	12	160	.5	37	9	402	2.78	58	5	ND	4	375	3.5	25	2	26	6.63	.152	8	38	1.24	103	.01	14	.55	.01	.23	1	15
031781	10	58	18	123	.2	57	13	298	2.90	43	5	ND	4	366	.9	18	2	14	5.62	.032	5	25	.97	80	.01	10	.38	.01	.18	1	14
031782	9	51	16	128	.2	51	13	265	2.70	37	5	ND	4	429	.9	10	2	12	6.19	.019	4	19	.90	75	.01	8	.33	.01	.17	1	11
031783	11	56	18	150	.4	57	13	304	2.92	52	5	ND	4	473	1.2	35	2	17	6.40	.025	4	24	1.01	57	.01	11	.39	.01	.18	1	11
031784	18	60	22	242	.6	70	12	195	2.90	51	5	ND	3	499	2.0	12	2	19	5.04	.025	2	32	.43	46	.01	10	.32	.01	.15	1	19
031785	8	48	18	140	.7	29	8	111	2.56	230	5	ND	4	68	1.7	68	2	26	.17	.038	5	41	.05	1128	.01	11	.48	.01	.19	1	20
031786	5	48	15	173	1.2	26	10	140	3.09	452	5	ND	3	154	5.0	84	2	42	.15	.065	5	43	.05	2166	.01	11	.57	.01	.21	1	42
031787	13	245	18	210	1.3	44	9	138	4.17	1076	5	ND	3	232	8.7	179	2	44	.17	.086	5	45	.04	1724	.01	8	.89	.01	.19	1	104
031788	5	263	26	182	2.0	48	8	136	3.18	1309	11	ND	4	377	12.9	96	2	29	.19	.092	6	34	.04	1127	.01	9	.69	.01	.19	1	31
031789	4	124	23	376	.6	81	16	138	3.43	324	6	ND	6	88	3.6	21	2	28	.10	.025	9	32	.05	1268	.01	7	.84	.01	.20	1	33
031790	4	222	20	265	1.4	68	8	119	3.24	778	5	ND	3	186	9.4	63	2	30	.18	.076	7	29	.04	1290	.01	10	.74	.01	.18	1	59
031791	4	55	24	247	.5	60	18	203	3.32	127	7	ND	7	45	2.7	6	2	12	.08	.013	9	34	.05	1572	.01	7	.59	.01	.21	1	7
031792	2	49	25	238	.3	52	21	711	3.47	55	5	ND	6	38	4.1	5	2	10	.08	.011	9	28	.05	535	.01	7	.55	.01	.19	1	5
031793	5	54	24	294	.3	62	19	333	3.22	56	5	ND	8	42	6.2	4	2	14	.09	.016	25	48	.06	621	.01	8	.72	.01	.23	1	4
031794	3	53	20	251	.3	53	16	251	3.09	49	5	ND	8	46	6.2	8	3	14	.09	.016	27	35	.09	689	.01	7	.55	.01	.23	1	1
031795	6	44	14	232	.3	40	12	268	2.61	28	5	ND	7	40	4.0	6	2	14	.38	.013	23	68	.26	687	.01	5	.42	.01	.18	1	9
031796	1	54	21	155	.3	108	28	604	4.97	37	5	ND	7	211	1.1	8	2	54	2.08	.060	30	88	2.11	1688	.04	5	1.94	.06	.25	1	1
031797	1	55	6	223	.2	161	38	973	6.43	52	5	ND	4	437	1.7	12	2	71	3.75	.062	22	116	3.06	2191	.02	4	1.66	.05	.20	1	2
031798	2	54	14	200	.3	58	18	388	3.88	105	5	ND	7	95	3.1	19	2	23	.90	.029	27	49	.87	840	.01	6	.60	.01	.23	1	1
031799	2	55	7	173	.3	126	30	682	5.41	60	5	ND	6	229	1.3	12	2	63	2.07	.061	25	105	2.47	1148	.03	5	2.10	.07	.21	1	5
031800	2	53	6	170	.2	99	27	864	5.63	178	5	ND	4	287	1.2	29	2	43	3.64	.038	15	89	2.40	942	.01	4	.63	.02	.18	1	1
031801	3	47	14	162	.4	41	14	303	3.51	201	5	ND	8	54	.3	25	4	20	.40	.022	21	55	.60	726	.01	9	.71	.01	.34	1	17
031802	2	44	13	160	.2	51	15	464	3.65	136	5	ND	6	74	.8	19	2	20	.93	.022	11	44	.79	589	.01	6	.48	.01	.21	1	1
031803	3	52	18	165	.3	41	14	255	3.27	43	5	ND	6	41	.4	30	2	13	.38	.013	6	39	.58	340	.01	8	.47	.01	.25	1	4
031804	2	54	18	209	.6	45	15	278	3.32	33	10	ND	8	42	.5	35	2	14	.38	.029	8	26	.51	303	.01	6	.45	.01	.26	1	1
STANDARD C/AU-R	18	62	39	133	7.2	71	31	1073	3.96	62	18	6	39	53	18.8	15	17	57	.48	.091	40	58	.88	176	.09	34	1.93	.07	.15	13	460

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
1805	2	53	16	188	.2	46	14	342	3.52	34	5	ND	10	46	.6	33	4	13	.47	.037	26	28	.52	315	.01	7	.50	.01	.27	1	3
1806	3	33	18	178	.1	41	14	599	3.61	42	5	ND	15	193	.9	36	2	21	1.69	.068	40	44	.93	283	.01	9	.55	.01	.27	1	5
1807	2	34	20	162	.1	40	15	700	3.59	381	5	ND	18	284	.7	36	2	26	2.54	.058	38	35	1.16	330	.01	3	.36	.01	.15	1	20
1808	3	29	24	141	.2	32	14	716	3.62	1591	5	ND	18	377	.7	34	2	25	3.10	.042	32	35	1.34	309	.01	3	.34	.01	.13	1	390
1809	2	24	20	155	.3	38	13	618	3.56	1923	5	ND	15	520	.7	30	2	21	2.91	.050	29	31	1.27	119	.01	5	.42	.01	.17	1	370
1810	4	30	22	150	.7	32	12	529	3.49	3537	5	2	13	558	9.1	33	4	17	2.67	.060	28	46	1.12	84	.01	5	.36	.01	.17	1	1040
1811	3	58	25	166	.1	50	17	347	3.61	170	5	ND	6	78	.3	35	2	18	.48	.028	14	35	.58	158	.01	12	.70	.01	.39	1	8
1812	4	52	26	213	.1	43	15	311	3.45	74	5	ND	5	85	.8	31	2	13	.53	.018	4	37	.53	213	.01	8	.43	.01	.26	1	5
1813	3	55	22	163	.1	40	15	363	3.82	48	5	ND	4	83	.4	32	2	14	.46	.018	3	30	.63	295	.01	8	.44	.01	.26	1	4
1814	2	54	23	183	.1	41	16	387	3.80	64	5	ND	5	71	.6	33	4	14	.60	.025	4	23	.66	340	.01	7	.42	.01	.24	1	3
1815	3	59	23	174	.1	42	15	398	4.01	36	5	ND	5	50	.8	28	2	14	.39	.035	4	28	.70	366	.01	9	.43	.01	.26	1	2
1816	6	37	25	139	.3	40	12	301	2.79	214	5	ND	4	70	.4	41	2	8	.64	.008	4	62	.25	64	.01	7	.34	.01	.20	1	24
1817	7	42	16	164	.1	39	12	280	2.95	49	5	ND	4	49	.7	34	2	11	.47	.012	3	61	.39	146	.01	8	.36	.01	.22	1	1
1818	5	34	32	87	.6	37	11	455	2.41	209	5	ND	4	64	.2	57	4	7	.71	.006	4	60	.24	79	.01	6	.29	.01	.18	1	4
1819	17	54	13	511	.3	60	9	429	1.90	24	5	ND	5	158	4.5	20	4	89	3.26	.020	11	42	1.63	594	.01	12	.39	.01	.17	1	2
1820	32	101	11	521	1.4	86	4	149	1.35	39	5	ND	4	228	16.0	38	4	429	1.87	.255	14	114	.64	1008	.01	19	.55	.01	.19	1	1
1821	13	66	26	399	.4	84	16	442	3.18	25	6	ND	7	236	3.5	21	3	49	4.25	.050	15	25	.70	1260	.01	14	.49	.01	.24	2	2
1822	14	76	12	388	1.2	57	7	198	2.21	54	5	ND	4	473	6.8	43	2	157	2.34	.435	15	71	.63	188	.01	24	.62	.01	.22	1	3
1823	13	68	18	213	1.9	55	8	185	1.84	45	6	ND	5	428	7.2	49	2	81	3.63	.719	19	111	.46	292	.01	27	.90	.01	.29	1	2
1824	7	45	16	129	.2	53	12	372	2.49	17	5	ND	7	523	1.3	16	5	20	9.31	.042	20	17	.94	157	.01	11	.38	.01	.20	1	1
1825	4	33	27	113	.2	25	11	740	3.64	15	5	ND	21	473	.8	11	2	35	3.86	.114	60	35	1.32	436	.01	7	.38	.01	.16	1	1
1826	6	39	35	117	.2	37	11	610	2.95	26	5	ND	11	690	1.4	17	2	24	10.08	.051	26	40	1.23	111	.01	10	.41	.01	.18	1	1
1827	17	37	20	118	.2	45	13	436	2.95	60	5	ND	7	562	1.1	26	5	20	8.02	.034	17	22	1.09	76	.01	11	.45	.01	.20	1	1
1828	18	33	37	155	.1	35	12	537	3.31	84	5	ND	8	386	1.3	23	2	29	3.58	.044	20	29	1.22	194	.01	8	.46	.01	.17	1	1
1829	9	36	13	93	.1	41	11	373	2.43	23	5	ND	6	598	.9	14	2	18	11.07	.017	13	17	1.08	75	.01	11	.45	.01	.22	1	2
1830	17	56	21	151	.4	67	12	241	3.34	25	5	ND	6	382	1.4	17	2	16	5.95	.021	13	16	.86	33	.01	10	.42	.01	.21	1	1
1831	8	49	21	96	.1	52	13	361	3.01	20	5	ND	6	539	.8	18	2	13	7.52	.025	15	14	1.01	36	.01	11	.40	.01	.19	1	1
1832	6	35	28	133	.1	36	12	517	3.46	31	5	ND	6	341	.9	21	2	24	4.13	.027	15	31	1.29	58	.01	9	.48	.01	.18	1	1
1833	3	13	26	85	.1	14	10	603	2.99	345	5	ND	11	406	.5	8	2	35	2.84	.036	22	43	1.21	564	.01	4	.52	.01	.12	1	9
1834	2	20	28	89	.1	15	9	664	3.12	1333	5	ND	10	530	.4	12	2	38	3.28	.041	22	37	1.26	362	.01	5	.57	.01	.11	1	32
1835	2	20	29	101	.1	18	10	652	3.09	239	5	ND	10	454	.8	11	2	38	2.90	.055	25	34	1.18	557	.01	6	.58	.01	.13	1	5
1836	7	34	31	145	.1	35	11	584	3.06	80	5	ND	8	428	1.2	16	2	34	4.61	.049	21	36	1.07	135	.01	8	.50	.01	.19	1	3
1837	9	51	25	132	.1	51	14	359	2.98	32	5	ND	6	511	1.0	17	2	14	6.70	.029	15	21	.82	45	.01	11	.37	.01	.20	1	1
1838	14	62	40	388	.6	61	14	716	3.21	123	5	ND	12	224	3.2	36	2	91	2.44	.067	33	157	.77	1179	.01	4	.49	.01	.10	1	2
1839	9	38	34	321	.4	36	11	690	3.19	63	5	ND	12	268	2.4	25	2	53	2.43	.036	30	70	.89	665	.01	6	.45	.01	.11	1	2
1840	11	46	21	274	.4	41	9	547	2.77	57	5	ND	6	314	2.5	29	2	53	3.18	.039	15	50	1.46	760	.01	8	.43	.01	.15	1	3
STANDARD C/AU-R	18	61	39	138	7.4	71	31	1104	4.05	40	17	7	40	53	18.9	14	20	58	.48	.092	41	59	.90	181	.09	34	1.97	.06	.15	12	480

BLUE BCRC 91-547

BLUE BCRC 91-548

-549

P.009/010
TO NORANDA YT
FROM ACME ANALYTICAL
JUL-18-1991 13:36

Blue BCRC 91-549

Blue BCRC 91-550

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
031841	16	60	24	515	1.0	56	10	485	2.94	61	5	ND	4	271	5.4	32	7	82	2.51	.049	9	60	1.18	131	.01	10	.47	.01	.15	1	5
031842	14	57	11	412	1.1	48	8	379	2.32	69	5	ND	3	305	4.8	29	2	90	3.05	.122	8	66	1.41	73	.01	13	.46	.01	.17	2	3
031843	5	26	33	192	.4	23	8	641	2.91	29	5	ND	7	320	1.0	21	4	32	3.15	.055	23	31	1.17	156	.01	7	.42	.01	.14	1	1
031844	3	32	36	150	.3	23	12	773	3.54	31	5	ND	13	327	.7	19	7	33	2.98	.039	33	38	1.27	476	.01	6	.39	.01	.11	1	1
031845	3	24	29	139	.1	20	10	633	3.36	25	5	ND	9	462	.8	16	2	29	3.67	.040	28	29	1.26	67	.01	10	.62	.01	.15	1	1
031846	4	36	30	162	.3	40	11	445	3.17	21	5	ND	5	550	.8	18	2	21	6.45	.036	15	23	1.24	34	.01	10	.48	.01	.18	1	2
031847	5	36	16	169	.4	46	12	428	3.38	176	5	ND	7	384	1.2	21	6	23	4.19	.040	17	25	1.51	41	.01	10	.49	.01	.19	1	2
031848	4	24	16	158	.3	25	9	505	2.78	19	5	ND	8	273	1.2	12	7	38	2.92	.082	26	37	1.09	161	.01	8	.65	.01	.17	1	1
031849	4	27	12	146	.2	24	9	504	2.93	20	5	ND	8	275	.9	13	3	52	2.78	.086	24	47	1.18	230	.01	6	.77	.01	.15	1	1
031850	2	16	14	106	.1	19	9	527	2.87	9	5	ND	9	236	.5	8	2	49	2.59	.076	26	43	1.08	500	.02	6	.94	.01	.18	1	1
031851	3	16	20	97	.1	17	9	599	2.77	14	5	ND	9	204	.5	29	2	37	3.27	.060	23	43	1.19	513	.01	4	.54	.01	.14	1	1
031852	3	20	22	112	.2	18	10	542	2.99	15	5	ND	10	111	.6	20	2	47	2.27	.077	25	50	.98	375	.01	5	.79	.01	.14	1	1
031853	2	15	23	95	.1	14	9	601	2.63	14	5	ND	9	321	.2	9	2	34	2.72	.065	28	29	.84	595	.01	5	.55	.01	.11	1	1
031854	2	9	21	82	.1	11	4	216	1.64	70	5	ND	1	104	.4	46	2	12	1.06	.011	3	16	.38	35	.01	4	.14	.01	.02	1	1
031855	2	25	48	97	.3	15	10	627	3.50	120	5	ND	6	494	.6	56	2	22	3.15	.019	17	23	1.08	32	.01	7	.44	.01	.12	1	1
031856	4	27	62	135	.2	28	9	495	3.65	69	5	ND	5	261	.8	80	2	29	3.03	.040	13	38	1.04	18	.01	3	.42	.01	.10	1	1
031857	2	11	18	66	.3	11	2	45	.71	28	5	ND	1	165	.5	32	4	7	.15	.002	2	10	.06	59	.01	3	.08	.01	.04	1	1
031858	14	31	20	198	.4	29	3	18	1.47	73	5	ND	2	49	.4	60	3	51	.18	.014	3	13	.04	1018	.01	9	.42	.01	.18	1	2
031859	22	56	21	287	.6	35	4	42	2.37	86	5	ND	2	54	.7	127	2	62	.16	.017	3	23	.05	845	.01	9	.51	.01	.21	1	2
031860	15	56	22	140	.6	19	2	30	1.41	80	5	ND	3	51	.9	81	5	46	.16	.011	3	15	.05	833	.01	10	.44	.01	.18	1	2
031861	11	41	44	64	1.0	13	1	20	1.49	86	5	ND	2	60	.2	47	2	47	.15	.013	4	19	.06	735	.01	14	.46	.01	.22	1	1
031862	16	24	32	37	.7	12	1	22	1.42	91	5	ND	3	61	.2	50	6	34	.15	.013	4	24	.05	586	.01	13	.42	.01	.25	1	1
031863	15	35	18	164	.7	24	3	70	1.88	130	5	ND	2	59	.5	72	2	52	.12	.013	3	13	.06	621	.01	13	.45	.01	.23	1	4
031864	20	39	21	188	.6	41	7	106	2.29	449	5	ND	3	73	3.1	118	2	34	.15	.016	4	18	.06	817	.01	15	.54	.01	.24	1	27
031865	13	14	15	35	1.6	10	1	16	.85	404	5	ND	3	83	.7	68	5	34	.13	.007	7	17	.04	656	.01	10	.35	.01	.20	1	45
031866	13	64	14	210	1.4	30	4	142	2.90	1376	14	ND	3	195	3.3	108	2	51	1.16	.014	3	31	.51	963	.01	11	.51	.01	.18	1	940
031867	11	23	19	80	1.3	15	3	43	1.38	664	11	ND	3	49	3.0	90	2	30	.17	.006	4	67	.07	384	.01	7	.31	.01	.14	2	1060
031868	8	25	19	107	1.2	21	5	43	1.45	456	5	ND	3	50	.4	174	2	37	.07	.014	5	52	.03	204	.01	8	.38	.01	.13	1	440
031869	15	36	26	329	.8	36	11	218	2.74	304	5	ND	4	72	2.2	909	3	54	.32	.016	8	51	.15	83	.01	10	.43	.01	.15	1	34
031870	7	21	27	307	.2	25	10	694	3.19	525	5	ND	7	176	1.2	81	2	41	1.65	.021	14	36	.76	136	.01	5	.39	.01	.08	1	40
031871	12	46	27	505	1.0	55	10	379	2.62	2685	5	ND	5	250	3.9	97	2	54	1.40	.020	12	37	.60	36	.01	6	.36	.01	.10	1	840
031872	18	47	18	509	.5	89	10	119	2.47	228	5	ND	2	87	4.8	60	2	52	.32	.020	6	48	.16	16	.01	10	.41	.01	.14	1	15
031873	16	47	29	384	2.6	64	10	504	2.92	1897	8	ND	5	389	6.3	75	3	64	2.60	.047	11	44	1.14	31	.01	5	.50	.01	.13	1	540
031874	4	35	26	190	1.6	30	12	747	3.48	3712	6	ND	9	389	1.0	84	2	36	3.54	.020	16	38	1.39	54	.01	4	.41	.01	.10	1	1130
031875	13	48	21	415	1.6	48	10	479	2.58	2696	12	ND	6	284	4.2	70	3	73	2.23	.058	12	53	.88	24	.01	5	.46	.01	.11	1	950
031876	14	76	8	394	2.4	76	15	447	3.42	216	10	ND	1	302	3.6	115	2	114	2.67	.115	2	103	1.18	25	.01	6	.58	.01	.15	1	17
STANDARD C/AU-R	18	59	38	132	7.3	70	34	1066	3.98	42	22	6	39	53	18.7	15	21	56	.48	.090	41	58	.88	178	.09	32	1.95	.06	.15	12	480

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
031877	27	107	2	993	5.7	104	6	493	1.62	96	6	ND	1	343	10.1	67	2	272	2.45	.201	4	104	1.30	32	.01	7	.60	.01	.06	1	63
031878	19	95	2	745	5.4	98	5	481	1.31	82	5	ND	1	443	8.8	62	2	322	2.06	.350	4	94	1.24	40	.01	4	.70	.01	.06	1	42
031879	28	122	2	1229	5.8	123	5	241	1.25	129	9	ND	1	483	12.7	73	2	415	1.63	.597	8	141	.38	44	.01	7	.83	.01	.07	1	86
031880	19	78	11	458	2.6	76	5	378	1.43	65	9	ND	1	312	4.1	44	2	126	2.19	.268	2	148	1.26	33	.01	8	.52	.01	.08	1	26
031881	26	41	8	154	.3	35	3	34	2.01	116	5	ND	1	58	.8	204	2	41	.25	.012	2	15	.04	1272	.01	9	.51	.01	.16	1	5
031882	21	23	18	106	.4	26	2	21	1.57	77	5	ND	1	55	.5	198	2	48	.23	.011	2	13	.04	895	.01	12	.55	.01	.21	1	2
031883	16	57	75	199	2.0	31	4	143	2.15	258	5	ND	7	60	2.0	254	2	41	.21	.018	25	31	.03	1279	.01	8	.50	.01	.16	1	210
031884	17	52	49	350	1.3	78	17	624	4.59	612	5	ND	17	83	6.0	348	2	21	.17	.015	43	30	.05	53	.01	5	.53	.01	.09	1	567
031885	18	44	48	373	.9	84	16	1121	4.47	550	5	ND	12	243	6.3	350	2	28	.65	.018	32	60	.25	38	.01	4	.57	.01	.12	1	315
031886	24	39	23	350	1.1	58	11	1203	2.49	540	5	ND	6	119	1.7	476	2	42	.18	.022	15	30	.05	638	.01	6	.53	.01	.12	1	525
031887	29	75	41	686	1.1	84	10	268	2.92	630	5	ND	5	137	1.2	368	2	72	.82	.044	13	55	.24	1101	.01	6	.61	.01	.07	1	54
031888	14	33	34	714	.3	61	11	480	3.51	943	5	ND	6	235	6.7	275	2	29	1.11	.017	14	26	.38	365	.01	5	.57	.01	.09	1	47
031889	6	29	28	364	.7	47	12	874	3.99	2349	5	ND	12	424	2.9	206	2	37	2.22	.020	25	33	1.22	211	.01	2	.53	.01	.07	1	955
031890	12	21	53	459	.7	27	10	780	3.60	960	5	ND	8	218	2.7	80	2	39	1.09	.018	17	41	.41	197	.01	5	.50	.01	.09	1	641
031891	6	16	32	220	.9	20	8	722	3.07	1957	5	ND	7	345	1.5	267	2	34	2.07	.018	12	37	.96	88	.01	6	.48	.01	.10	1	1145
031892	13	38	26	371	1.1	33	8	481	2.53	3631	5	ND	3	232	2.0	269	2	50	1.55	.020	10	72	.77	31	.01	8	.51	.01	.10	1	525
031893	19	32	21	345	1.0	42	7	178	1.66	351	5	ND	1	115	2.1	93	2	72	.60	.035	4	74	.20	28	.01	9	.39	.01	.09	1	82
031894	17	59	18	505	.9	102	8	123	2.05	486	5	ND	1	111	5.2	60	2	74	.51	.021	4	51	.16	24	.01	6	.42	.01	.10	1	184
031895	11	46	34	351	1.3	64	11	469	3.07	5251	5	ND	4	381	3.7	80	2	56	2.08	.020	10	40	.96	26	.01	6	.48	.01	.10	1	2552
031896	8	34	23	301	1.0	48	11	598	3.21	4605	5	ND	5	319	2.2	72	2	52	2.44	.018	12	42	1.02	38	.01	4	.50	.01	.09	1	1858
031897	7	38	15	310	1.0	37	10	564	2.90	3874	5	ND	1	247	1.6	59	2	46	2.26	.027	4	38	.97	31	.01	5	.41	.01	.09	1	588
031898	14	68	21	547	4.8	59	9	646	2.82	2356	5	ND	1	222	3.6	202	2	109	2.70	.091	3	56	1.32	26	.01	4	.45	.01	.06	1	1239
031899	26	68	31	1033	2.9	73	6	403	1.71	415	6	ND	1	284	7.0	3523	2	221	2.09	.160	5	106	1.00	32	.01	4	.55	.01	.07	1	244
STANDARD C/AU-R	19	61	39	134	7.2	71	32	1051	4.02	43	16	6	37	52	17.1	15	23	58	.48	.092	37	57	.89	180	.09	32	1.91	.06	.15	13	462

JUL-13-1991 13:37 FROM ACME ANALYTICAL TO NORANDA YT P.010/010

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-073 330 File # 91-2650 Page 1

1050 Davie St., Vancouver BC V6E 1M4

TO NORANDA YT — FROM ACME ANALYTICAL — JUL-22-1991 10:55

BLUE BERC 91-551

BLUE BERC 91-552

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
031900	21	69	15	663	2.2	75	7	353	1.73	564	5	ND	2	354	6.3	325	2	224	2.41	.209	9	113	1.08	83	.01	8	.62	.01	.08	6	340
031901	7	34	35	309	.7	37	9	448	2.36	192	5	ND	4	282	1.3	67	2	43	3.50	.026	8	47	1.55	46	.01	7	.37	.01	.11	1	74
031902	6	37	16	167	.8	30	7	279	1.78	124	5	ND	3	282	.7	44	2	23	2.98	.013	6	43	1.39	51	.01	12	.33	.01	.12	1	51
031903	10	44	11	209	.5	42	9	362	2.34	123	5	ND	3	790	1.1	42	2	33	8.44	.016	6	34	1.13	47	.01	10	.42	.01	.15	2	51
031904	14	49	19	246	.5	58	10	213	2.75	194	5	ND	3	623	1.4	36	2	27	7.36	.020	7	30	.59	41	.01	10	.54	.01	.20	2	46
031905	9	41	16	174	.5	45	9	267	2.37	108	6	ND	4	759	.7	32	2	19	11.25	.009	8	23	.61	45	.01	11	.34	.01	.15	2	17
031906	9	37	63	232	.5	41	9	342	2.24	130	5	ND	4	795	1.3	35	2	24	8.45	.013	10	29	.65	47	.01	9	.39	.01	.15	2	33
031907	19	46	10	488	.8	64	7	179	2.39	140	5	ND	1	183	4.2	37	2	61	1.01	.048	4	51	.38	43	.01	11	.37	.01	.12	1	46
031908	6	28	22	192	.4	22	8	448	2.79	217	5	ND	6	342	.7	50	2	35	2.45	.033	23	33	.87	279	.01	8	.53	.01	.14	1	98
031909	13	34	19	308	.6	53	8	193	2.00	121	5	ND	3	158	2.1	31	2	39	.96	.032	11	42	.36	68	.01	11	.36	.01	.12	1	53
031910	6	16	23	200	.3	21	9	504	2.63	120	5	ND	6	311	.6	35	2	40	2.43	.034	20	31	.91	402	.01	5	.49	.01	.11	1	50
031911	5	11	23	185	.5	19	8	554	2.73	146	5	ND	7	358	.6	27	2	38	2.77	.029	19	32	.99	545	.01	5	.47	.01	.15	1	59
031912	7	16	23	264	.4	24	9	416	2.38	120	5	ND	7	204	1.1	37	2	53	1.76	.054	18	48	.64	361	.01	8	.59	.01	.14	1	42
031913	4	13	23	168	.3	17	9	508	2.92	90	5	ND	10	176	.6	25	2	51	2.16	.061	23	33	.78	396	.01	5	.60	.01	.11	1	38
031914	5	19	17	162	.3	23	9	519	2.62	94	5	ND	8	209	.8	27	2	54	2.47	.079	27	49	.93	330	.01	5	.71	.01	.14	1	43
031915	15	46	31	425	.8	68	11	301	2.83	663	8	ND	9	88	1.4	578	2	72	.18	.036	18	35	.06	1299	.01	9	1.05	.01	.12	3	320
031916	27	58	17	290	5.6	69	8	78	1.72	550	5	ND	4	471	2.1	582	2	275	.22	.296	14	1	.03	7088	.01	7	.95	.01	.07	6	300
031917	28	114	5	493	5.4	115	7	90	1.62	196	5	ND	2	299	3.1	375	2	206	.14	.169	7	62	.02	4138	.01	4	.65	.01	.05	7	51
031918	34	150	13	641	8.7	147	10	106	2.06	262	5	ND	3	578	7.1	469	2	320	.27	.392	12	1	.03	8531	.01	4	.95	.01	.07	10	190
031919	26	111	12	448	7.4	120	8	93	1.32	150	5	ND	2	568	5.5	263	2	214	.25	.378	10	6	.03	8017	.01	5	.79	.01	.04	9	67
031920	25	47	9	227	7.6	52	8	107	.82	48	5	ND	1	611	5.5	117	2	264	.22	.485	8	1	.03	9607	.01	6	.83	.01	.05	8	15
031921	24	137	6	400	8.6	108	9	179	1.15	61	5	ND	1	676	9.4	112	2	257	.70	.583	8	1	.22	9439	.01	5	.87	.01	.04	8	18
031922	22	86	23	493	10.6	76	8	435	2.54	302	5	ND	7	511	11.4	102	2	173	1.57	.166	20	99	.67	182	.01	6	.75	.01	.07	4	190
031923	26	137	13	568	15.8	82	6	592	2.14	241	5	ND	4	537	11.6	121	2	179	1.88	.185	16	163	.82	125	.01	3	.90	.01	.06	5	170
031924	29	85	14	653	6.2	69	8	358	2.31	455	6	ND	5	436	10.2	94	3	281	2.44	.271	15	142	1.15	77	.01	11	.99	.01	.12	5	220
031925	11	53	37	396	3.0	47	12	837	3.83	90	5	ND	14	557	3.9	73	2	95	3.11	.086	38	62	1.38	124	.01	10	.80	.01	.16	2	26
031926	17	58	90	466	2.6	51	9	386	2.57	54	5	ND	4	355	4.2	46	2	64	2.80	.047	13	98	1.45	60	.01	19	.66	.01	.26	2	9
031927	14	58	16	148	.8	46	9	267	2.64	36	5	ND	2	242	.9	30	2	30	2.49	.026	8	45	1.34	49	.01	16	.56	.01	.26	1	11
031928	10	55	15	217	2.5	43	8	390	2.26	75	5	ND	3	293	2.6	62	2	56	3.44	.050	8	42	1.72	83	.01	11	.44	.01	.16	1	24
031929	4	41	8	98	.8	30	8	382	2.61	24	5	ND	1	277	.4	35	2	22	4.60	.029	3	33	2.10	47	.01	13	.47	.01	.23	1	5
031930	8	42	20	156	1.0	42	8	305	2.39	57	5	ND	1	121	1.1	72	2	30	3.78	.027	5	28	1.09	29	.01	10	.37	.01	.15	1	15
031931	6	33	61	183	1.1	23	7	702	2.95	29	5	ND	5	311	1.4	35	2	34	3.68	.066	17	38	1.38	43	.01	13	.50	.01	.19	1	1
031932	6	27	22	146	.8	22	7	513	2.60	27	5	ND	6	303	1.0	39	2	43	2.64	.077	21	41	.99	67	.01	10	.55	.02	.18	1	5
031933	10	35	16	162	1.5	33	7	390	2.42	88	5	ND	7	337	1.3	130	2	86	1.93	.112	22	58	.87	380	.01	5	.62	.03	.16	1	24
031934	12	38	15	186	1.5	36	7	363	2.42	187	5	ND	7	324	1.5	175	2	97	1.81	.114	23	61	.84	740	.03	6	.78	.03	.21	1	79
031935	7	28	17	144	.8	25	8	476	2.67	81	5	ND	8	356	.7	80	2	63	2.55	.090	25	59	1.10	281	.02	7	1.02	.02	.24	1	23
STANDARD C/AU-R	18	57	41	131	7.0	72	33	1067	4.01	42	18	6	39	52	18.5	15	20	55	.48	.090	39	58	.89	179	.09	32	1.90	.06	.15	11	480

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 18 1991 **DATE REPORT MAILED:** July 22/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
031936 BCRC 91-552.	7	27	9	139	.8	26	8	462	2.69	108	5	ND	9	327	.8	98	2	74	2.50	.094	25	50	1.05	594	.03	5	.97	.02	.22	1	40
031937	6	23	9	118	.6	22	8	440	2.77	78	5	ND	9	288	.6	79	2	79	2.28	.091	28	55	1.06	795	.06	4	1.44	.02	.26	1	42
031938	4	19	19	101	.5	20	8	384	2.21	49	5	ND	6	177	.4	57	2	45	1.67	.070	21	39	.72	83	.02	3	.82	.01	.13	1	30
031939	5	15	45	112	.6	18	3	221	1.00	69	5	ND	1	103	.7	48	2	24	.60	.010	2	19	.26	77	.01	2	.14	.01	.02	1	17
031940	5	31	41	233	.2	39	16	606	4.27	537	5	ND	12	36	.8	161	2	21	.31	.107	50	1	.12	1957	.01	5	1.02	.01	.23	1	40
031941	5	29	36	199	.2	31	13	750	3.92	516	5	ND	16	80	.9	140	2	32	.15	.065	51	5	.05	1649	.01	5	.71	.01	.15	1	22
031942	7	36	40	232	.1	36	16	1195	4.92	331	5	ND	21	115	.3	139	2	60	.07	.052	43	46	.05	1675	.01	4	1.01	.01	.11	2	15
031943	3	34	20	148	.1	36	15	932	4.26	91	5	ND	25	44	.4	58	2	80	.44	.117	60	80	.99	1094	.14	4	1.98	.01	.61	1	9
031944	4	32	36	222	.6	32	15	831	3.74	172	5	ND	21	85	1.1	37	2	67	.78	.108	59	24	.69	2773	.07	6	1.75	.01	.39	1	10
031945	4	40	31	449	.2	67	14	910	4.14	39	5	ND	25	119	9.2	14	2	24	1.54	.100	74	1	.14	1740	.01	7	.86	.01	.23	1	13
031946	6	25	22	458	.1	62	14	982	4.06	48	5	ND	23	94	3.9	20	2	35	1.14	.118	66	1	.34	2007	.03	6	1.16	.01	.29	1	9
031947	6	28	27	138	.1	24	11	766	3.08	61	5	ND	20	112	1.1	17	2	41	2.97	.127	60	1	.25	2174	.01	4	.92	.01	.21	1	4
031948	5	13	33	129	.2	15	10	647	3.30	101	5	ND	17	108	.2	20	2	78	1.48	.091	42	1	.52	2474	.09	2	1.87	.01	.34	1	3
031949	4	15	23	112	.3	13	9	548	3.63	32	5	ND	17	118	.3	23	2	87	1.80	.095	45	12	1.04	2537	.23	2	2.05	.04	.59	1	4
031950 KOKANEE BCRC 91-553	4	16	20	93	.1	11	9	549	3.47	48	5	ND	18	126	.2	47	2	86	2.31	.096	49	42	1.19	1674	.14	3	2.28	.03	.58	1	1
031951	3	14	20	91	.1	11	10	534	3.33	185	5	ND	17	135	.2	21	2	81	2.09	.094	48	1	1.20	3134	.14	2	2.00	.03	.53	1	10
031952	4	14	18	89	.1	11	8	489	3.33	21	5	ND	16	106	.2	4	2	93	1.59	.090	40	42	1.28	1257	.20	2	1.75	.06	.72	1	5
031953	4	14	18	92	.5	11	8	512	3.35	20	5	ND	16	111	.2	8	2	92	1.72	.093	37	33	1.21	1812	.30	2	1.79	.07	.76	1	5
031954	4	24	34	134	.2	13	11	663	3.00	42	5	ND	17	80	.3	14	2	69	2.17	.097	57	32	.40	1596	.06	3	1.48	.01	.25	1	32
031955	5	14	20	100	.1	11	9	891	3.86	87	5	ND	17	87	.2	20	2	63	2.67	.094	60	13	.34	1574	.04	2	1.13	.01	.16	1	5
031956	8	13	36	163	.1	12	10	868	4.86	299	5	ND	15	76	.7	38	2	65	.91	.046	34	36	.11	1084	.01	2	.79	.01	.04	1	4
031957	8	24	251	542	1.4	12	10	873	4.27	366	5	ND	15	104	6.2	82	2	59	1.35	.045	35	34	.27	1104	.01	2	.88	.01	.05	1	17
031958	6	12	67	188	.2	15	10	803	3.78	259	5	ND	18	150	.7	46	2	51	1.97	.097	48	32	.31	787	.01	4	.85	.01	.10	1	12
031959	5	16	42	124	.1	15	10	865	3.42	154	5	ND	18	165	.3	23	2	55	2.77	.087	49	23	.65	837	.01	2	.84	.01	.11	1	7
031960	5	16	24	156	.1	19	10	829	3.25	141	5	ND	16	161	.2	15	2	47	2.51	.097	39	30	.55	507	.01	5	.80	.01	.12	1	7
031961	4	18	21	237	.2	28	10	679	3.52	232	5	ND	12	171	.2	22	2	31	2.87	.071	24	30	.82	446	.01	4	.66	.01	.12	1	13
031962	11	50	21	300	.6	42	8	362	2.37	133	5	ND	7	262	6.0	30	2	156	2.44	.247	21	75	.59	322	.01	9	.79	.01	.16	1	3
031963	27	44	12	276	1.3	44	3	64	.90	46	6	ND	2	231	11.7	17	2	421	.85	.360	11	60	.08	972	.01	19	.70	.01	.22	1	3
031964	13	36	11	426	.5	61	9	337	2.33	34	5	ND	1	317	8.2	11	2	137	5.25	.231	9	49	.82	61	.01	19	1.43	.02	.45	2	29
031965	8	65	34	310	.7	43	11	510	3.41	1256	5	ND	13	65	6.2	398	2	100	.17	.044	31	25	.04	947	.01	2	.65	.01	.09	2	650
031966 KOKANEE BCRC 91-554	9	63	42	208	.6	31	11	592	3.21	1315	7	ND	14	63	3.9	376	2	74	.08	.034	28	37	.02	870	.01	4	.66	.01	.07	2	760
031967	8	87	39	267	.4	51	14	1032	3.72	939	6	ND	13	64	6.0	657	2	100	.07	.043	30	25	.03	901	.01	4	.66	.01	.07	3	210
031968	6	76	26	125	1.0	18	11	761	3.71	946	5	ND	13	71	1.1	217	2	54	.31	.033	33	21	.03	883	.01	5	.72	.01	.09	1	730
031969	6	21	25	109	.5	18	10	894	3.69	1758	5	ND	14	61	1.0	44	2	51	.14	.034	38	22	.03	864	.01	6	.63	.01	.10	1	1250
031970	5	16	21	120	1.5	21	10	1220	3.87	3653	5	9	13	66	.6	30	2	41	.21	.035	39	14	.03	1172	.01	5	.52	.01	.10	1	8980
031971	11	45	28	205	1.6	48	9	431	2.76	1105	5	ND	7	180	2.9	58	2	134	.46	.238	25	1	.06	2281	.01	10	.88	.01	.15	1	2140
STANDARD C/AU-R	19	57	39	133	7.2	72	33	1068	3.99	43	19	7	40	52	18.7	14	19	56	.48	.090	40	58	.89	177	.09	32	1.90	.06	.15	13	480

BCRC 91-555

KOKANEE BCRC 91-556

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
032008	4	13	24	87	.1	9	7	505	3.31	188	7	ND	15	212	.2	9	2	55	2.44	.088	37	45	1.12	352	.07	5	1.80	.01	.33	1	3
032009	4	17	23	101	.1	10	9	558	3.19	52	6	ND	17	117	.3	8	2	52	2.36	.088	42	58	.99	396	.03	2	1.42	.01	.17	1	1
032010	5	29	29	102	.1	12	9	709	3.62	149	5	ND	12	111	.4	15	2	41	2.53	.040	21	54	.90	172	.01	4	.56	.01	.07	1	9
032011	3	43	37	110	.2	10	9	700	4.25	288	5	ND	12	186	.6	12	2	36	3.06	.041	20	34	1.07	126	.01	5	.57	.01	.08	1	2
032012	3	21	126	288	.5	11	9	682	3.52	250	6	ND	15	399	1.9	13	2	29	3.83	.065	29	22	1.21	233	.01	4	.64	.01	.09	1	23
032013	4	13	29	97	.1	11	8	548	3.15	21	5	ND	16	74	.2	5	2	82	.97	.096	41	38	1.01	1882	.24	2	1.78	.06	.34	1	5
032014	4	14	54	132	.1	11	8	593	3.30	19	5	ND	16	85	.4	4	2	80	1.89	.097	46	42	.93	1694	.24	3	1.72	.06	.53	1	3
032015	5	15	64	148	.3	12	8	571	3.35	18	5	ND	17	93	.4	5	3	83	1.65	.104	45	60	.88	1021	.21	2	1.65	.06	.37	1	1
032016	4	15	52	147	.2	12	9	523	3.46	55	5	ND	18	60	.4	11	2	78	1.09	.108	45	48	.77	885	.18	2	1.79	.03	.34	1	5
032017	6	16	45	123	.1	13	10	842	3.62	396	5	ND	18	134	.3	19	3	55	1.48	.064	39	7	.13	1883	.01	3	.81	.01	.08	1	16
032018	6	15	45	131	.1	11	10	821	3.66	138	5	ND	17	184	.3	11	2	61	2.58	.064	35	36	.28	928	.01	4	.94	.01	.07	1	2
032019	5	16	74	255	.8	9	8	1272	3.92	561	5	ND	11	473	1.4	28	2	26	4.45	.030	24	38	1.11	158	.01	5	.67	.01	.11	1	35
032020	5	19	35	307	.4	12	10	738	3.60	119	5	ND	16	95	1.9	25	4	52	1.23	.093	40	28	.68	1324	.03	6	1.60	.02	.22	1	16
032021	4	22	21	213	.2	13	10	595	3.62	39	5	ND	14	112	1.3	11	4	59	1.78	.094	35	55	.87	446	.05	2	1.47	.03	.30	1	1
032022	5	15	17	276	.1	10	8	507	3.22	15	5	ND	14	168	1.7	2	4	60	2.32	.092	37	66	1.11	255	.01	6	1.48	.04	.18	1	1
032023	5	13	21	148	.1	11	8	488	3.15	433	5	ND	14	320	.6	6	2	40	2.38	.092	36	58	.96	312	.01	6	1.11	.03	.21	1	30
032024	4	13	20	108	.1	11	8	515	3.25	46	5	ND	13	245	.2	2	2	59	2.58	.093	35	70	1.18	204	.01	4	1.35	.04	.17	1	3
032025	5	13	23	100	.1	11	8	528	3.31	18	5	ND	13	247	.3	2	2	55	2.87	.096	34	67	1.15	267	.01	7	1.38	.03	.18	1	2
032026	4	10	21	89	.1	10	8	556	3.87	287	5	ND	13	304	.2	4	2	37	2.49	.094	35	49	.91	295	.01	5	1.04	.02	.23	1	66
032027	4	12	13	79	.1	9	8	524	3.08	66	6	ND	14	222	.2	5	2	43	2.49	.091	33	39	1.00	412	.01	4	1.33	.02	.16	1	26
032028	4	13	20	91	.1	10	8	579	3.37	426	6	ND	15	232	.2	16	2	38	2.56	.083	37	29	.79	381	.01	7	1.03	.01	.17	1	83
032029	5	14	26	129	.1	13	9	588	3.34	236	5	ND	16	201	.3	13	2	41	2.61	.089	38	32	.70	590	.01	4	1.10	.01	.16	1	43
032030	8	12	25	120	.2	14	8	1236	3.81	982	5	ND	13	347	.4	18	2	31	3.25	.051	31	59	.93	218	.01	8	.98	.01	.15	1	410
032031	6	13	26	130	.1	14	9	1298	3.57	402	5	ND	15	343	.3	14	2	33	3.05	.086	43	25	.83	625	.01	11	.80	.01	.16	1	75
032032	6	14	25	134	.1	12	8	855	3.13	300	6	ND	17	286	.3	11	2	43	2.76	.096	50	45	.78	436	.01	8	.93	.01	.17	1	60
032033	7	13	18	121	.1	12	8	655	2.98	247	5	ND	16	261	.3	12	2	39	2.79	.096	44	64	.83	317	.01	3	.80	.01	.14	1	28
032034	5	13	25	113	.1	10	8	549	3.44	230	5	ND	15	194	.2	12	2	48	1.91	.088	39	55	.96	359	.04	4	1.60	.01	.28	1	52
032035	3	12	22	163	.1	14	8	640	3.34	480	5	ND	15	322	.2	12	2	42	2.26	.092	40	37	1.06	258	.05	6	1.46	.01	.36	1	10
032036	5	13	24	162	.1	13	8	667	2.92	283	7	ND	15	251	.4	11	2	38	2.36	.096	40	36	.77	288	.01	6	.85	.01	.15	1	61
032037	6	10	20	211	.1	17	8	541	2.98	145	5	ND	16	126	.3	15	2	45	1.95	.092	42	32	.62	515	.01	2	1.01	.01	.10	1	30
032038	5	11	18	137	.3	13	8	569	3.29	488	5	ND	14	203	.2	11	2	57	1.88	.087	35	47	.98	284	.13	7	1.44	.02	.60	1	93
032039	4	11	20	152	.1	13	8	580	3.69	348	5	ND	15	192	.2	6	2	63	1.88	.088	40	40	1.12	363	.15	5	1.63	.02	.58	1	89
032040	3	16	20	128	.1	13	8	562	2.59	312	5	ND	15	225	.2	10	2	35	2.42	.091	39	24	.82	372	.01	6	.87	.01	.12	1	71
032041	5	16	19	138	.1	21	7	636	2.47	62	6	ND	11	257	.3	6	2	65	2.52	.142	32	26	.75	671	.01	8	.88	.01	.10	1	17
032042	4	12	24	145	.1	14	7	535	2.49	217	5	ND	14	267	.2	12	2	32	2.71	.086	32	18	.95	490	.01	3	.67	.01	.10	1	58
032043	34	116	44	1604	2.7	154	5	157	1.32	155	16	ND	3	328	34.8	16	2	1331	3.44	1.475	19	151	.38	100	.03	21	1.30	.01	.32	9	42
STANDARD C/AU-R	19	57	36	133	7.1	70	32	1046	4.03	40	16	7	40	52	18.4	15	20	55	.48	.090	39	60	.89	179	.09	33	1.91	.06	.15	13	490

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
032044	18	38	30	528	1.1	67	7	164	1.99	108	5	ND	3	228	9.9	19	2	304	1.34	.358	11	75	.40	55	.02	11	.81	.07	.11	2	46
032045	19	37	20	621	1.2	66	7	434	2.23	84	5	ND	2	247	8.0	16	2	263	3.15	.291	10	69	1.24	58	.02	8	.67	.01	.08	3	30
032046	29	49	17	940	1.1	86	6	226	1.74	92	5	ND	2	251	12.4	12	2	358	1.08	.236	8	83	.33	59	.06	6	.53	.01	.04	4	20
032047	8	19	33	246	.5	20	10	326	3.82	1295	7	ND	15	51	.3	77	2	40	.28	.079	46	11	.13	838	.01	7	.94	.01	.13	1	370
032048	8	18	37	236	.6	18	11	269	3.73	1604	8	ND	15	40	.7	76	4	35	.28	.094	48	2	.04	929	.01	6	.70	.01	.12	1	440
032049	9	14	37	274	.4	21	11	435	4.12	1099	9	ND	18	53	.9	67	2	36	.28	.075	50	12	.04	674	.01	9	.76	.01	.12	1	126
032050	8	15	36	243	.1	18	12	513	3.97	589	6	ND	16	70	1.0	47	2	44	.32	.059	41	5	.06	1328	.01	5	.75	.01	.11	1	35
032051	8	14	29	126	.8	15	11	959	4.42	1232	5	ND	13	94	.5	33	2	26	.70	.028	36	18	.17	620	.01	7	.55	.01	.12	1	550
032052	5	15	36	160	.3	13	9	675	3.55	714	5	ND	12	172	.7	21	2	27	1.82	.024	30	17	.43	618	.01	7	.63	.01	.12	1	79
032053	7	16	29	137	.3	16	10	547	3.57	896	6	ND	13	81	.3	43	2	29	.84	.043	32	10	.11	727	.01	5	.54	.01	.11	1	190
032054	8	14	27	108	.5	14	10	796	3.87	1021	5	ND	14	77	.3	33	2	27	.89	.041	39	17	.11	666	.01	8	.60	.01	.13	1	280
032055	5	15	25	94	.2	13	10	654	3.48	960	5	ND	12	143	.2	22	2	33	1.51	.033	31	14	.30	612	.01	4	.59	.01	.11	1	330
032056	5	15	25	89	.1	11	10	636	3.22	477	5	ND	15	138	.2	14	2	33	2.41	.052	37	14	.34	589	.01	6	.71	.01	.12	1	110
032057	4	14	24	85	.5	11	9	830	3.24	1432	5	ND	14	194	.2	18	2	29	2.21	.043	29	15	.47	460	.01	5	.54	.01	.09	1	490
032058	5	15	24	105	.4	12	10	750	3.41	1281	5	ND	15	111	.2	20	2	43	1.63	.031	29	16	.35	588	.01	6	.63	.01	.08	1	510
032059	8	16	33	141	.3	15	9	517	3.01	983	5	ND	14	73	.2	28	2	44	.37	.030	29	28	.07	735	.01	3	.75	.01	.08	1	420
032060	7	18	32	131	.8	14	10	835	3.91	2260	5	2	13	104	.2	33	2	36	.99	.026	25	21	.35	514	.01	5	.60	.01	.10	1	1640
032061	6	15	27	125	.7	14	10	692	3.51	2241	5	ND	14	85	.2	30	2	39	.72	.027	28	16	.23	599	.01	6	.60	.01	.09	1	1690
032062	9	16	26	130	.9	15	10	761	3.63	2554	5	3	14	94	.3	33	2	40	.51	.032	29	41	.15	739	.01	5	.92	.01	.12	1	2340
032063	9	15	28	176	.8	16	9	573	3.23	1979	6	ND	15	74	.2	33	2	39	.24	.046	31	34	.08	809	.01	5	.86	.01	.10	1	1840
032064	8	17	32	287	.3	25	12	1802	3.10	1507	5	ND	16	72	.2	37	2	46	.61	.039	29	13	.15	861	.01	2	.75	.01	.07	1	970
032065	6	13	20	169	1.6	15	8	741	2.79	2806	9	3	13	88	.4	30	2	24	.61	.049	26	24	.19	250	.01	10	.65	.01	.10	1	3070
032066	11	26	17	149	1.9	21	6	488	2.07	4810	5	ND	7	119	1.4	41	2	118	.97	.095	20	63	.27	424	.01	9	.68	.01	.11	1	3280
032067	18	43	7	185	1.1	25	3	121	.92	439	6	ND	2	177	4.3	15	2	318	1.06	.506	11	83	.04	1529	.01	12	.58	.01	.11	1	157
032068	23	44	7	267	1.0	47	5	88	1.61	358	5	ND	2	150	7.4	16	2	337	.97	.374	11	84	.12	539	.01	14	.70	.01	.15	1	58
032069	18	41	10	293	1.1	45	4	174	1.44	313	5	ND	3	148	8.0	13	2	209	.99	.167	10	70	.32	591	.01	11	.54	.01	.12	1	85
032070	11	38	36	289	1.0	41	4	195	1.36	286	5	ND	3	157	10.3	13	2	273	.69	.140	12	57	.25	819	.01	11	.73	.01	.16	1	68
032071	10	19	16	174	.9	28	3	68	.80	365	5	ND	3	56	3.8	8	2	131	.15	.036	12	61	.06	644	.01	9	.48	.01	.15	1	37
032072	4	19	29	142	.2	14	9	487	2.99	290	5	ND	15	44	.6	31	4	62	.48	.092	39	25	.65	1003	.09	5	1.36	.02	.28	1	35
032073	4	15	26	123	.2	12	8	410	3.17	250	5	ND	14	67	.4	20	4	63	.93	.092	36	47	.97	545	.08	5	1.38	.03	.33	1	17
032074	5	15	28	115	.4	13	9	464	3.31	987	5	ND	14	100	.5	46	2	34	1.15	.063	35	21	.39	625	.01	8	.82	.01	.17	1	190
032075	7	13	31	140	.7	14	8	603	3.86	1369	5	ND	11	107	.4	84	2	21	.94	.029	31	9	.22	518	.01	5	.46	.01	.12	1	440
032076	14	15	69	195	1.3	17	8	745	5.17	1771	8	ND	11	54	.4	139	3	35	.25	.040	30	18	.09	838	.01	6	.55	.01	.11	1	920
032077	8	25	27	141	1.0	15	11	538	3.85	1598	5	ND	14	70	.4	59	2	19	.32	.041	38	12	.08	646	.01	9	.54	.01	.16	1	410
032078	7	26	23	152	.8	14	10	471	3.94	2310	5	ND	12	128	.7	58	2	16	.87	.046	35	23	.16	530	.01	6	.43	.01	.15	1	660
032079	8	16	24	152	.5	16	10	599	3.64	1825	5	ND	11	70	.3	225	2	42	1.11	.026	25	37	.20	480	.01	5	.47	.01	.11	1	1520
STANDARD C/AU-R	18	56	38	132	7.0	71	32	1045	3.94	40	16	7	40	52	18.4	14	19	55	.48	.090	39	58	.88	175	.09	33	1.88	.06	.15	12	470

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KORANJEE BCRC 91-557

KORANJEE BERC 91-558

JUL-25-1991 10:59 FROM ACME ANALYTICAL TO 6047362520 P.006/011

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
032080	7	15	30	126	.4	16	9	656	3.52	1657	5	ND	11	66	.3	507	2	39	.88	.028	27	34	.15	627	.01	6	.65	.01	.11	1	1750
032081	8	14	29	128	.2	16	10	751	3.43	934	5	ND	12	71	.2	154	3	42	.86	.033	30	31	.12	743	.01	6	.70	.01	.11	1	550
032082	7	15	37	158	.4	19	11	649	3.35	1833	7	ND	14	68	.2	101	2	47	.22	.033	31	16	.05	811	.01	6	.77	.01	.11	1	1590
032083	9	16	39	208	1.0	22	11	1184	4.17	2386	9	ND	15	73	.5	115	2	49	.20	.033	37	10	.06	880	.01	9	.69	.01	.11	1	1870
032084	7	17	31	139	1.5	18	10	820	3.78	4008	6	6	14	102	.5	63	2	35	.47	.029	33	16	.15	819	.01	7	.68	.01	.13	1	6630
032085	9	19	39	331	1.9	29	11	792	4.07	3152	7	3	15	80	2.6	71	2	51	.17	.040	42	10	.05	975	.01	7	.70	.01	.13	2	4180
032086	6	15	32	226	1.5	18	9	596	3.38	3748	6	2	12	91	1.8	51	2	30	.46	.027	27	27	.15	687	.01	7	.64	.01	.11	1	4500
032087	7	17	33	212	1.1	20	10	746	3.21	2432	5	2	15	82	1.7	38	2	41	.14	.037	36	20	.04	940	.01	7	.66	.01	.10	2	2800
032088	8	21	27	374	1.5	32	10	489	3.16	2538	7	3	12	71	3.9	50	2	56	.12	.034	26	24	.03	847	.01	4	.61	.01	.08	2	3890
032089	13	41	12	202	.7	25	5	80	.96	373	5	ND	2	268	1.0	24	2	262	.51	.379	8	1	.03	4584	.01	10	.70	.01	.08	1	890
032090	50	41	25	639	.9	150	8	631	2.48	878	6	ND	4	135	4.2	57	2	216	.19	.113	15	1	.06	2363	.01	8	.59	.01	.11	4	400
032091	40	31	16	481	.8	108	6	901	2.33	1051	7	ND	5	65	5.5	39	2	148	.14	.049	17	34	.05	959	.01	6	.57	.01	.11	3	1290
032092	65	68	31	718	1.4	144	8	903	3.08	1299	10	ND	6	65	6.8	56	2	302	.15	.046	23	29	.08	928	.01	9	.59	.01	.15	4	800
032093	75	125	38	876	1.3	115	5	339	2.41	845	14	ND	6	53	4.6	48	2	501	.16	.045	28	57	.10	744	.01	8	.69	.01	.21	5	450
032094	4	16	33	206	.5	37	15	1917	4.04	1741	5	ND	10	102	1.8	450	2	27	.09	.052	42	1	.04	1259	.01	9	.82	.01	.18	1	870
032095	3	12	29	175	.6	26	13	1142	3.95	2661	5	ND	13	103	1.1	291	2	24	.40	.071	42	7	.06	959	.01	10	.82	.01	.19	1	1420
032096	3	14	34	291	.5	34	14	1977	4.23	2330	5	ND	14	89	4.5	169	2	25	.79	.091	43	19	.09	819	.01	12	.96	.01	.24	1	1020
032097	4	23	35	206	2.0	20	12	1101	4.14	1957	5	ND	12	93	2.5	53	2	28	.21	.077	33	13	.06	1019	.01	18	.95	.01	.25	1	1540
032098	4	21	36	135	2.3	21	11	1136	4.08	2653	5	3	9	127	1.2	87	2	27	.71	.076	22	35	.23	257	.01	13	.79	.01	.19	1	2800
032099	5	21	27	168	1.5	26	11	1135	3.56	2025	5	ND	8	226	1.3	52	2	38	1.53	.077	20	38	.57	323	.01	13	.88	.01	.23	1	2160
032100	5	22	1147	436	4.2	12	8	1829	3.82	1662	5	2	8	387	2.9	130	2	23	3.15	.050	13	41	1.17	96	.01	11	.68	.01	.20	1	1360
032101	3	26	683	1039	2.9	27	10	1527	3.92	1499	5	ND	11	323	6.6	118	2	35	2.51	.056	25	30	1.15	88	.02	7	1.03	.01	.21	3	710
032102	3	31	49	181	.5	34	11	945	4.23	264	5	ND	16	460	.5	26	2	29	2.92	.074	40	36	1.24	115	.02	7	.86	.01	.22	1	70
032103	3	17	16	122	.2	23	9	681	3.76	70	5	ND	16	225	.2	25	2	63	2.24	.097	39	31	1.21	696	.14	3	1.92	.03	.68	1	18
032104	3	29	18	93	.2	15	9	728	3.29	198	5	ND	16	300	.3	28	2	38	2.95	.097	39	30	1.16	364	.04	4	1.34	.01	.35	1	40
032105	3	16	17	90	.2	13	9	640	3.57	72	5	ND	16	258	.2	33	2	65	2.33	.100	43	37	1.30	983	.13	6	1.92	.04	.67	1	29
032106	4	15	9	90	.2	11	8	670	3.53	314	5	ND	16	243	.2	27	2	66	2.25	.103	42	53	1.24	438	.16	3	1.71	.04	.68	1	79
032107	3	27	16	88	.2	19	10	849	3.23	84	5	ND	20	540	.2	28	2	21	3.73	.097	50	33	1.19	264	.01	9	.68	.01	.28	1	29
032108	3	15	27	103	.3	12	10	570	3.36	58	6	ND	17	124	.2	30	2	79	1.60	.096	45	1	1.32	4346	.14	4	2.69	.03	.62	1	32
032109	3	15	21	98	.3	11	9	540	3.34	59	5	ND	15	100	.2	25	2	84	1.73	.098	38	27	1.34	1795	.17	2	2.59	.04	.39	1	20
032110	3	16	29	120	.3	12	8	660	3.43	110	5	ND	15	104	.2	30	2	85	1.90	.095	42	32	1.29	1261	.22	2	2.03	.04	.38	1	39
032111	6	29	27	133	.5	37	8	545	3.06	63	5	ND	13	147	1.1	26	2	85	2.35	.216	40	55	1.16	313	.09	5	1.86	.02	.27	1	32
032112	29	57	23	391	2.0	115	5	106	1.38	72	5	ND	2	199	7.9	19	2	249	1.80	.828	18	92	.17	193	.01	15	.72	.01	.22	1	17
032113	28	49	16	334	1.6	107	6	155	1.64	75	6	ND	3	193	6.6	16	2	230	1.63	.675	16	101	.20	158	.01	18	.80	.01	.25	1	4
032114	42	55	7	782	1.3	120	7	177	1.86	97	5	ND	3	228	11.8	17	2	309	1.67	.338	12	104	.45	110	.01	29	.89	.01	.30	2	16
032115	28	52	11	523	1.1	88	10	433	2.86	107	5	ND	3	324	5.8	16	2	151	3.33	.167	10	81	1.31	76	.01	37	1.14	.01	.40	2	1
STANDARD C/AU-R	18	58	38	125	6.9	70	32	1034	3.87	40	16	6	38	54	18.9	15	17	57	.46	.086	38	58	.87	172	.09	34	1.84	.06	.15	12	470

KOKANEE BCRC 91-558

KOKANEE BCRC 91-559

JUL-22-1991 11:00 FROM HUME HNHLYTICAL TO 1 NUMHNUH Y1 P.002/002

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
032116	7	30	21	159	.2	34	9	161	3.09	164	5	ND	6	95	.2	94	2	52	.12	.030	21	1	.04	2025	.01	7	.87	.02	.20	1	79
032117	8	23	21	159	.2	36	10	139	2.49	123	5	ND	6	73	.7	26	2	41	.04	.031	17	1	.03	1642	.01	6	.73	.02	.18	1	62
032118	7	24	27	131	.1	25	7	79	2.73	88	5	ND	6	72	.2	13	2	44	.02	.031	18	1	.03	1575	.01	7	.89	.02	.23	1	47
032119	7	41	19	270	.1	70	18	245	3.76	116	5	ND	7	78	.6	33	3	40	.03	.031	24	1	.03	1422	.01	6	.83	.02	.20	1	54
032120	9	41	22	204	.1	48	13	114	3.68	103	5	ND	6	90	.2	22	2	51	.06	.028	23	1	.06	1894	.01	5	.84	.02	.21	1	29
032121	9	28	34	163	.7	31	10	567	2.95	910	5	ND	7	197	1.2	994	2	55	.60	.052	24	12	.14	1296	.01	10	.66	.01	.17	1	230
032122	4	18	24	127	.8	22	12	911	3.71	1815	5	ND	14	231	.5	481	2	28	1.17	.056	38	1	.23	1952	.01	5	.70	.01	.14	1	480
032123	4	41	46	190	.2	44	22	1878	4.81	1151	9	ND	18	153	1.0	184	2	33	.96	.043	38	20	.14	1219	.01	4	.81	.01	.12	1	220
032124	4	50	43	183	.3	49	20	1437	4.53	789	10	ND	22	176	1.0	210	2	37	.79	.053	45	13	.10	1434	.01	5	.99	.01	.13	1	170
032125	5	26	40	144	.4	21	11	755	3.59	915	5	ND	9	201	.9	130	2	32	.83	.055	27	8	.31	1197	.01	5	.85	.01	.16	1	140
032126	3	25	52	146	.8	27	12	1041	3.59	1546	5	ND	13	258	.7	130	2	28	1.93	.038	27	41	.69	137	.01	5	.65	.01	.13	1	270
032127	4	31	39	166	.3	33	14	1057	3.90	1113	5	ND	16	179	.8	122	2	44	1.58	.041	30	37	.50	1019	.01	5	.75	.01	.10	1	290
032128	5	28	52	178	.8	32	14	1180	4.29	1366	8	ND	16	212	.9	67	2	40	1.66	.037	31	20	.43	1361	.01	5	.78	.01	.11	1	530
032129	5	15	52	196	.5	19	9	772	3.61	258	5	ND	14	170	.9	39	2	65	2.66	.080	33	33	.80	654	.10	5	1.52	.02	.38	1	15
032130	4	12	123	251	.6	10	7	755	3.24	93	5	ND	13	212	1.6	34	2	55	5.04	.087	37	43	.96	222	.05	4	1.61	.02	.30	2	49
032131	5	16	173	350	.7	15	8	668	3.49	176	5	ND	14	146	3.2	29	2	73	2.50	.091	38	64	1.17	188	.09	2	2.11	.03	.37	1	47
032132	3	16	78	179	.3	13	8	608	3.28	169	5	ND	14	131	1.2	26	2	75	1.96	.088	38	40	1.21	638	.13	2	2.08	.03	.44	1	100
032133	3	15	37	141	.2	14	9	527	3.23	108	5	ND	14	119	.5	20	2	76	1.69	.093	41	1	1.26	2928	.09	2	2.30	.02	.28	1	35
032134	3	16	29	205	.1	16	9	593	3.25	236	5	ND	14	240	1.1	42	2	57	2.60	.083	37	38	1.10	274	.05	2	1.50	.02	.25	1	78
032135	5	26	31	273	.2	34	11	716	3.62	131	5	ND	21	443	.8	37	2	22	2.99	.087	45	40	1.24	120	.01	5	.69	.01	.20	1	43
032136	5	26	36	382	.2	36	10	744	3.68	228	5	ND	18	524	1.3	62	2	26	3.23	.064	38	29	1.23	128	.01	6	.58	.01	.16	1	64
032137	12	27	49	496	.3	59	9	630	3.32	170	5	ND	14	424	3.1	56	2	58	2.59	.093	37	46	1.05	147	.02	5	.70	.02	.23	1	73
032138	53	44	11	1026	.7	114	4	115	1.06	78	6	ND	2	119	15.0	23	2	432	.71	.151	12	96	.17	271	.01	11	.50	.01	.15	5	11
032139	41	58	10	969	1.4	133	4	96	.89	55	7	ND	2	146	16.2	22	2	488	1.03	.286	13	114	.21	306	.01	19	.49	.01	.14	4	5
032140	25	59	6	564	1.6	102	4	125	1.14	86	6	ND	2	303	8.4	19	2	362	3.16	1.415	13	119	.23	112	.01	26	.86	.01	.22	2	8
032141	3	42	12	278	.2	76	21	283	4.38	51	5	ND	6	55	.9	160	2	42	.21	.040	10	21	.54	617	.01	4	1.74	.02	.22	1	19
032142	2	44	17	227	.1	73	20	249	4.43	45	5	ND	6	66	1.0	7	2	42	.19	.039	14	26	.62	554	.01	5	1.95	.02	.25	1	1
032143	2	42	24	251	.1	77	26	496	4.49	26	5	ND	11	136	1.1	9	2	39	.19	.056	42	5	.22	1232	.01	3	1.21	.02	.25	1	2
032144	3	42	21	206	.1	69	24	595	4.57	37	5	ND	12	163	.5	12	2	37	.15	.051	47	1	.08	1461	.01	2	.81	.01	.22	1	6
032145	3	43	16	228	.1	85	27	347	4.44	62	5	ND	9	165	.6	15	2	31	.14	.040	37	1	.09	1867	.01	4	.79	.02	.20	1	10
032146	6	39	14	226	.2	67	20	415	3.68	22	6	ND	7	92	1.0	6	2	35	.10	.024	26	39	.36	144	.01	7	.60	.02	.20	1	87
032147	7	31	30	190	.9	39	11	433	2.43	416	5	ND	6	227	1.9	37	2	59	1.18	.043	22	36	.46	290	.01	5	.56	.01	.16	1	90
032148	3	9	29	107	.5	13	8	1005	3.17	2197	5	2	7	508	.7	30	2	16	3.55	.035	14	33	1.22	90	.01	5	.58	.01	.16	1	1660
032149	4	14	46	104	.8	13	9	701	3.58	3330	5	3	7	342	.5	71	2	14	2.67	.028	14	28	1.00	43	.01	4	.52	.01	.15	1	2300
032150	3	17	36	103	.5	13	10	695	3.39	1732	5	ND	12	182	.2	66	2	36	2.08	.066	31	43	.90	120	.01	3	.74	.01	.15	1	1260
032151	4	18	24	104	.5	17	10	728	3.34	1379	5	2	12	157	.2	53	2	42	2.23	.087	31	68	.96	41	.02	2	1.02	.01	.23	1	1290
STANDARD C/AU-R	19	57	38	133	7.0	70	32	1054	4.00	42	16	6	39	52	18.4	16	20	55	.48	.090	39	59	.89	178	.09	34	1.90	.06	.15	13	480

P.001/001

TU NORANDA YT

KORANDEE BERC 91-560

FROM ACME ANALYTICAL

KORANDEE BERC 91-561

JUL-22-1991 11:19

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJ. 9107-073 330 FILE # 91-2650 Page

ACME ANALYTICAL

FROM ACME ANALYTICAL TO NORANDA YT

JUL-22-1991 11:15

KOKANUEE BERC 91-561

KOKANUEE BERC 91-562

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
032152	2	11	21	101	.4	16	8	812	2.81	3222	5	6	10	268	.2	1735	2	33	2.47	.068	20	44	1.00	137	.01	6	.63	.01	.19	1	6650
032153	4	24	38	143	.7	30	9	643	3.19	2079	5	2	11	267	.2	471	2	24	2.67	.081	19	46	.93	109	.01	8	.72	.01	.26	1	1340
032154	7	19	33	133	.3	30	8	529	2.96	639	5	ND	9	238	.3	207	2	26	2.05	.069	18	53	.74	112	.01	8	.64	.01	.26	1	470
032155	5	10	36	108	.1	15	7	652	3.02	1836	5	2	9	257	.2	402	2	23	2.41	.067	17	53	.92	132	.01	8	.80	.01	.23	1	1440
032156	2	9	26	115	.5	7	7	700	3.08	2552	5	2	8	289	.2	217	2	14	2.59	.046	11	31	.95	96	.01	6	.49	.01	.19	1	1640
032157	2	11	22	95	.2	13	8	662	3.06	1598	5	2	9	278	.3	50	2	13	2.52	.065	14	27	.86	95	.01	6	.44	.01	.17	1	1430
032158	4	22	28	153	.3	31	9	534	2.81	132	5	ND	7	278	.8	38	2	19	2.28	.069	14	34	.80	99	.01	7	.62	.01	.25	1	100
032159	10	35	15	253	.2	80	12	229	2.87	75	5	ND	5	193	1.6	19	2	46	.72	.054	19	65	.42	76	.01	10	.63	.01	.25	1	26
032160	8	37	15	234	.3	77	14	230	3.54	92	5	ND	4	132	1.2	30	2	37	.61	.037	17	35	.38	40	.01	10	.63	.01	.24	1	66
032161	9	35	16	289	.2	86	13	167	2.76	59	5	ND	3	146	1.4	23	2	39	.49	.059	19	34	.24	60	.01	11	.57	.01	.23	1	34
032162	10	31	22	264	.4	83	14	177	3.04	94	5	ND	2	106	1.7	24	2	52	.47	.039	10	35	.32	46	.01	11	.87	.02	.32	1	130
032163	9	36	28	210	.4	77	14	144	2.77	99	5	ND	3	125	1.4	30	2	39	.64	.032	14	30	.34	52	.01	8	.55	.01	.22	1	31
032164	14	38	23	240	.4	92	11	106	2.59	82	5	ND	3	139	1.7	20	2	29	.33	.045	13	33	.18	54	.01	8	.45	.01	.16	1	19
032165	3	21	19	114	.2	15	9	546	2.86	45	5	ND	12	264	.3	23	2	39	2.34	.088	29	48	.79	162	.01	5	.69	.01	.16	3	11
032166	3	13	24	96	.3	14	8	890	2.53	195	5	ND	9	396	.6	23	2	22	2.40	.070	18	37	.90	91	.01	5	.41	.01	.14	1	76
032167	2	14	16	69	.3	14	8	1126	2.77	277	5	ND	9	491	.2	15	2	22	2.44	.069	14	38	1.02	72	.01	5	.38	.01	.15	1	100
032168	3	11	16	63	.3	13	8	1132	2.83	286	5	ND	9	537	.2	18	2	20	2.43	.063	15	38	1.01	68	.01	5	.37	.01	.14	1	100
032169	2	15	21	106	.4	15	9	774	2.86	121	5	ND	12	478	.2	19	2	29	2.62	.086	24	37	1.03	93	.02	4	.57	.01	.21	1	55
032170	2	16	15	115	.1	15	9	585	3.17	65	5	ND	12	394	.5	40	2	37	2.51	.096	29	34	1.00	186	.03	6	1.02	.01	.26	1	32
032171	5	24	19	152	.6	25	10	625	3.31	190	10	ND	9	437	.8	23	2	26	2.19	.073	17	31	.78	83	.01	6	.48	.01	.20	1	34
032172	4	25	25	145	.2	31	14	592	3.73	615	5	ND	13	62	.4	141	2	32	.50	.091	35	34	.21	1148	.01	6	.83	.02	.25	1	250
032173	6	18	27	152	.1	31	12	595	3.48	165	5	ND	12	81	.4	85	2	47	.75	.092	37	50	.33	1045	.01	7	1.13	.03	.30	1	56
032174	3	14	40	144	.1	18	10	671	3.37	182	5	ND	13	149	.4	77	2	18	1.88	.087	28	23	.42	282	.01	6	.58	.02	.22	1	69
032175	2	8	45	118	.4	9	9	982	3.49	3036	5	2	11	245	.6	90	4	16	2.45	.076	22	25	.66	149	.01	8	.57	.01	.23	1	1250
032176	2	7	37	160	.2	11	8	677	3.26	1042	5	ND	12	259	.8	72	3	16	2.49	.087	20	24	.79	167	.01	5	.70	.02	.23	1	210
032177	3	7	23	142	.4	17	9	737	3.51	1231	5	ND	12	291	.3	128	2	15	2.78	.088	20	25	.95	138	.01	6	.71	.01	.23	1	640
032178	2	17	24	143	.2	22	12	772	3.35	214	5	ND	11	321	.5	85	2	19	3.23	.094	18	32	1.12	174	.01	6	.69	.02	.27	1	58
032179	3	8	45	107	1.1	17	9	573	2.83	630	5	ND	10	315	.2	95	8	11	2.91	.080	14	36	1.00	130	.01	8	.70	.01	.32	1	74
032180	2	16	63	118	1.7	11	8	680	3.04	1866	7	ND	9	288	1.0	1853	19	12	2.84	.058	13	30	1.04	103	.01	7	.52	.01	.22	1	450
032181	2	35	54	212	1.4	15	10	897	3.35	1400	5	ND	9	360	1.4	115	6	20	3.24	.072	14	30	1.18	91	.01	6	.51	.01	.20	1	790
032182	2	21	52	218	1.2	15	9	720	3.31	707	5	ND	10	316	1.7	397	6	11	3.09	.076	13	27	1.11	[illegible]	.01	5	.58	.01	.20	1	210
032183	2	12	49	240	1.0	8	8	710	3.23	438	5	ND	10	311	2.1	266	2	8	3.16	.076	12	27	1.04	111	.01	5	.45	.01	.25	1	99
032184	3	12	43	204	.6	9	8	708	3.39	339	5	ND	10	334	1.5	139	2	8	3.17	.079	14	29	1.01	113	.01	6	.52	.01	.26	1	90
032185	2	13	31	130	.2	12	8	719	3.22	146	5	ND	10	357	.5	94	2	7	3.10	.084	13	19	1.01	116	.01	4	.53	.01	.21	1	53
032186	2	23	37	170	.6	21	9	663	3.47	717	5	ND	9	345	.7	97	2	12	2.81	.077	14	21	.95	85	.01	6	.50	.01	.25	1	220
032187	10	39	26	248	.7	80	13	230	3.07	320	5	ND	6	214	1.6	38	2	38	.68	.042	20	38	.40	49	.01	8	.54	.01	.28	1	60
STANDARD C/AU-R	18	61	38	131	6.9	70	31	1067	3.95	39	18	6	39	53	18.7	16	18	56	.48	.090	40	58	.88	176	.09	35	1.92	.06	.16	12	500

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
KOKANEE BERC 91-562																															
032188	15	36	21	383	.5	85	10	240	2.60	130	5	ND	3	227	3.1	30	2	77	.96	.061	15	42	.53	124	.01	7	.61	.01	.18	1	22
032189	11	41	24	351	.6	54	10	371	2.90	98	5	ND	4	260	3.7	29	2	63	1.47	.091	16	47	.61	144	.01	6	.59	.01	.17	1	13
032190	16	41	27	356	.8	102	12	124	3.31	169	5	ND	3	108	3.3	25	2	53	.36	.047	12	37	.17	98	.01	8	.57	.01	.18	1	3
032191	15	35	25	351	1.6	87	13	156	2.88	136	5	ND	4	120	2.7	30	2	48	.44	.019	15	40	.20	92	.01	11	.56	.01	.20	1	24
032192	14	32	37	287	1.6	82	11	159	2.60	156	5	ND	3	127	2.2	13908	2	32	.40	.015	13	32	.18	85	.01	6	.48	.01	.15	1	91
032193	16	33	51	347	1.5	92	11	161	2.84	195	5	ND	3	144	3.0	338	2	53	.39	.022	13	29	.17	86	.01	4	.46	.01	.14	1	27
KOKANEE BERC 91-563																															
032194	10	19	26	944	.9	76	11	824	3.46	1947	7	2	14	63	7.4	96	2	68	.10	.041	30	17	.06	1010	.01	6	.86	.01	.11	7	2460
032195	10	17	27	568	3.0	57	7	792	3.07	6287	8	11	12	76	5.5	211	2	60	.09	.026	24	21	.03	1062	.01	4	.66	.01	.10	4	12150
032196	7	19	32	298	3.1	37	13	1118	3.52	8078	5	11	14	106	1.4	72	2	36	.15	.026	33	27	.03	766	.01	6	.71	.01	.11	2	11590
032197	8	16	33	787	1.3	74	14	1640	3.86	3482	6	3	15	77	2.2	48	2	61	.14	.031	34	22	.04	908	.01	9	.95	.01	.13	5	2930
032198	5	15	28	329	.8	28	10	914	3.53	2849	5	ND	14	85	1.2	31	2	50	1.11	.027	26	24	.16	740	.01	11	.98	.01	.14	2	2010
032199	8	15	30	490	1.0	37	10	956	3.70	3167	5	3	15	90	2.0	32	2	47	.65	.033	30	33	.13	839	.01	13	1.09	.01	.19	3	2280
032200	6	14	22	521	1.2	41	10	896	3.13	3065	7	2	14	88	2.3	33	2	44	.41	.029	30	11	.12	795	.01	12	.93	.01	.15	3	2140
032201	9	16	26	785	2.6	69	10	1097	3.23	5457	5	8	10	86	5.6	64	2	67	.66	.027	21	37	.20	380	.01	7	.69	.01	.12	4	7410
032202	8	17	37	839	.5	60	10	808	3.15	1457	5	ND	14	89	3.4	29	2	71	.67	.044	25	16	.09	1034	.01	11	1.36	.01	.13	4	790
032203	6	17	30	573	1.4	40	10	888	3.26	3420	5	2	11	97	4.0	31	2	49	.57	.026	23	16	.17	645	.01	9	.76	.01	.12	3	2360
032204	7	21	47	673	1.3	46	12	872	3.28	2917	5	ND	9	128	6.7	32	2	50	.88	.031	22	22	.31	431	.01	10	.90	.01	.17	2	1380
032205	19	43	29	726	3.1	75	9	691	1.78	642	7	ND	3	84	6.4	31	2	166	.17	.053	10	17	.06	1460	.01	7	.54	.01	.08	4	700
032206	33	83	19	1507	2.2	125	10	1008	2.02	480	5	ND	4	136	17.5	38	2	393	2.18	.050	15	17	1.18	1582	.01	9	.53	.01	.13	7	250
032207	33	78	12	1121	1.4	73	4	437	1.26	220	7	ND	3	159	16.5	22	2	423	6.41	.015	14	27	3.34	440	.01	12	.37	.01	.13	6	27
032208	52	112	10	1735	1.5	90	5	333	1.30	194	13	ND	3	153	22.1	20	2	453	6.25	.013	14	36	3.27	271	.01	11	.37	.01	.15	9	16
032209	54	89	9	1588	1.2	99	6	335	1.35	188	14	ND	3	143	17.1	17	2	402	4.97	.020	15	44	2.75	309	.01	11	.40	.01	.14	8	17
KOKANEE BERC 91-564																															
032210	8	17	21	749	.8	50	9	589	3.46	2065	6	ND	14	51	4.4	49	2	49	.16	.029	42	3	.08	927	.01	10	.70	.01	.15	4	1850
032211	7	13	30	486	.8	39	10	876	3.32	1928	7	ND	13	61	1.7	36	2	36	.27	.023	33	14	.10	600	.01	11	.65	.01	.13	3	1070
032212	7	14	28	546	.6	68	11	1582	3.73	1460	5	ND	14	97	1.7	33	2	43	.99	.029	30	8	.17	743	.01	13	.89	.01	.16	2	540
032213	3	14	26	224	.5	19	9	769	3.60	1877	5	ND	12	258	.6	19	2	32	2.40	.023	18	27	.73	159	.01	11	.78	.01	.14	1	1190
032214	7	15	23	616	.3	43	10	866	3.42	1703	5	ND	12	123	1.9	33	2	56	.82	.028	20	16	.25	684	.01	6	1.01	.01	.15	3	890
032215	7	15	20	481	.3	35	9	792	3.29	1894	5	2	11	117	1.7	34	2	63	1.17	.025	19	33	.45	602	.01	2	.74	.01	.09	2	2140
032216	4	13	23	178	.9	16	8	887	3.25	2664	5	2	11	186	.4	26	2	34	1.87	.024	17	23	.69	314	.01	9	.89	.01	.14	1	2080
032217	4	15	22	193	2.1	19	8	833	3.82	6067	5	8	11	156	.7	38	2	34	1.61	.020	17	22	.65	264	.01	8	.58	.01	.11	1	9660
032218	8	15	19	373	2.0	50	9	1968	3.18	5780	5	9	10	161	2.6	45	2	49	1.60	.020	17	35	.63	1.6	.01	6	.50	.01	.10	1	9620
032219	8	13	23	362	1.1	48	9	1841	3.01	3639	5	3	10	154	2.3	37	2	47	1.59	.021	14	40	.63	163	.01	6	.57	.01	.11	1	3600
032220	5	14	23	149	.8	18	9	858	3.38	1670	5	ND	11	177	.2	24	2	34	1.92	.019	16	42	.74	139	.01	3	.50	.01	.09	1	740
032221	8	12	18	470	.7	50	15	2172	3.53	2190	5	ND	11	195	2.0	43	2	83	1.92	.023	20	40	.73	292	.01	6	.52	.01	.08	2	1200
032222	7	10	16	188	1.2	20	8	972	2.25	1745	5	2	8	253	.9	25	2	30	1.65	.013	19	62	.62	182	.01	6	.37	.01	.08	1	1210
032223	10	6	9	219	.9	26	6	835	1.64	1491	5	2	5	79	1.3	28	2	38	.53	.010	13	89	.21	249	.01	5	.22	.01	.05	1	1790
STANDARD C/AU-R	19	57	38	132	7.2	70	33	1062	3.95	41	18	7	40	52	18.4	14	18	56	.48	.090	39	57	.88	176	.09	33	1.87	.06	.15	11	460

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9107-073 330 **FILE # 91-2650** Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
KORANGE BERC 91-564																															
032224	8	6	6	192	.7	20	6	1056	2.28	1228	5	ND	5	210	1.7	19	2	33	1.86	.022	14	71	.68	272	.01	6	.27	.01	.06	1	1080
032225	14	25	10	221	.9	63	7	328	1.93	375	5	ND	1	45	1.5	47	2	77	.16	.011	8	61	.07	147	.01	8	.40	.01	.12	1	140
032226	14	22	13	176	1.3	77	8	85	1.95	162	5	ND	2	51	1.8	15	2	78	.07	.016	10	51	.05	96	.01	11	.45	.01	.14	1	16
032227	14	17	10	190	1.0	71	6	106	1.36	191	5	ND	2	36	6.0	11	2	85	.06	.012	8	58	.04	173	.01	9	.38	.01	.11	1	62
032228	12	27	19	180	1.4	88	7	121	1.83	283	5	ND	2	34	5.6	18	2	84	.07	.011	9	38	.05	81	.01	9	.45	.01	.14	1	62
032229	8	22	29	457	1.0	43	9	660	3.42	1972	5	ND	14	76	5.9	36	2	67	.15	.050	28	7	.08	1265	.01	7	.83	.01	.10	4	1630
032230	10	18	28	796	1.5	80	10	1977	3.34	2190	5	ND	13	76	7.6	37	2	81	.13	.048	33	7	.04	1347	.01	8	.78	.01	.12	4	1970
032231	10	28	44	850	1.9	65	7	310	3.22	2021	5	ND	11	76	7.2	37	4	104	.10	.048	28	12	.04	1091	.01	12	.92	.01	.14	4	2050
032232	20	37	26	573	2.5	61	5	212	1.81	480	5	ND	3	124	5.6	26	2	289	.13	.112	9	38	.05	2729	.04	6	.58	.01	.04	4	120
032233	39	128	29	1669	8.9	139	12	1184	2.01	588	5	ND	6	75	31.5	65	2	611	.11	.049	24	22	.08	1391	.01	12	.69	.01	.17	9	690
KORANGE BERC 91-565																															
032234	45	169	16	1527	7.1	88	4	460	1.71	299	5	ND	4	190	35.9	55	2	688	4.21	.027	20	26	2.26	706	.01	15	.64	.01	.25	6	100
032235	57	151	19	1500	5.7	113	5	350	1.72	251	5	ND	4	138	32.0	31	2	753	4.08	.027	20	32	2.22	703	.01	20	.78	.01	.26	6	120
032236	48	119	9	1522	3.8	89	4	383	1.39	137	5	ND	3	139	25.3	22	2	604	5.39	.022	16	35	2.81	568	.01	18	.51	.01	.19	6	39
032237	51	119	10	1769	2.7	90	5	309	1.41	102	5	ND	3	135	20.9	17	2	524	5.76	.021	16	38	2.96	190	.01	17	.51	.01	.19	8	23
032238	63	71	11	928	1.1	119	6	323	1.55	145	5	ND	3	127	10.0	18	2	356	4.13	.016	15	48	2.20	271	.01	9	.42	.01	.14	3	28
032239	74	45	10	466	1.1	137	6	348	1.72	156	8	ND	3	202	5.3	17	2	211	4.12	.013	13	52	2.15	173	.01	11	.37	.01	.12	2	52
032240	85	41	11	337	1.3	150	6	362	1.77	167	7	ND	3	202	2.9	16	2	156	3.73	.020	12	59	1.92	155	.01	6	.38	.01	.11	1	6
032241	105	49	12	376	.6	176	7	241	1.57	139	10	ND	3	158	4.0	13	2	156	2.99	.019	13	51	1.58	182	.01	9	.32	.01	.10	1	45
032242	98	50	13	316	1.2	160	6	322	1.99	174	9	ND	3	193	4.0	17	2	169	3.36	.026	13	71	1.75	104	.01	9	.41	.01	.13	1	65
032243	84	38	11	250	.8	141	6	388	1.69	130	8	ND	3	252	2.5	16	2	144	4.71	.026	14	61	2.44	123	.01	7	.37	.01	.12	1	32
032244	100	51	15	342	.7	166	6	274	2.49	171	9	ND	3	180	3.4	15	2	174	2.95	.028	13	72	1.55	79	.01	6	.36	.01	.10	1	13
032245	91	46	11	307	.6	159	6	283	1.72	143	9	ND	4	286	2.9	17	2	158	4.27	.025	16	63	2.25	123	.01	11	.39	.01	.12	1	10
032246	46	82	13	1605	2.0	78	4	388	1.40	102	5	ND	3	274	19.2	26	2	305	6.62	.011	11	50	3.22	109	.01	7	.35	.01	.13	7	14
STANDARD C/AU-R	18	58	40	130	6.9	70	31	1040	3.95	41	20	7	38	54	18.8	15	19	56	.48	.091	37	59	.88	176	.09	31	1.88	.06	.15	13	460

JUL-22-1991 11:17 FROM ACME ANALYTICAL TO NORANDA YT

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-082 330 File # 91-2688 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
032247	7	23	94	530	.5	36	9	602	2.72	601	5	ND	22	35	3.6	70	2	80	.47	.126	62	59	.16	1107	.01	9	1.22	.01	.16	1	54
032248	3	17	20	518	.1	42	10	714	3.55	190	5	ND	21	69	1.5	32	2	91	.55	.112	58	64	1.16	3432	.15	8	2.67	.03	.47	1	7
032249	4	17	19	422	.1	39	10	1027	3.39	184	5	ND	19	84	1.2	19	2	90	.51	.112	53	67	1.21	2222	.16	7	2.36	.03	.45	1	14
032250	3	15	14	202	.1	19	11	664	3.46	108	5	ND	18	78	.3	18	2	90	.70	.105	45	66	1.35	4988	.18	7	2.59	.04	.39	1	7
032251	4	18	15	235	.1	20	9	671	3.75	291	5	ND	19	84	.3	25	2	71	1.10	.109	46	54	1.05	3652	.07	6	2.54	.02	.35	1	9
032252	11	30	19	237	.1	22	10	523	3.10	498	5	ND	17	59	.4	24	2	40	.93	.123	63	83	.21	1166	.01	10	1.09	.01	.19	1	14
032253	4	22	19	159	.4	17	10	510	3.40	310	5	ND	18	174	.3	18	5	36	2.16	.110	43	41	.63	816	.01	9	1.43	.01	.23	1	5
032254	4	23	34	150	.5	13	9	606	3.62	89	5	ND	14	262	1.1	11	2	41	2.91	.105	32	51	.83	251	.01	10	1.48	.02	.24	1	5
032255	4	15	17	165	.2	14	9	515	3.27	253	5	ND	16	229	.7	21	2	46	2.46	.103	40	48	.85	505	.01	8	1.39	.01	.23	1	13
032256	7	18	23	290	.2	22	9	768	3.68	1086	5	ND	15	340	1.3	24	2	29	2.83	.070	34	39	.61	335	.01	13	.84	.01	.18	1	68
032257	6	14	24	300	.2	20	10	1202	3.32	429	6	ND	15	415	1.6	16	2	34	3.02	.085	40	36	.84	388	.01	10	.66	.01	.18	1	52
032258	6	16	30	244	.2	16	9	1057	3.41	527	5	ND	14	435	.7	16	2	31	3.16	.074	31	40	.96	358	.01	12	.75	.01	.16	1	98
032259	6	17	34	228	.4	18	9	960	3.54	403	5	ND	16	449	.7	21	2	36	3.20	.086	35	45	1.05	345	.01	11	.96	.01	.20	1	130
032260	5	19	16	140	.2	14	9	706	3.27	360	6	ND	18	446	.6	22	2	39	2.59	.104	42	49	1.03	407	.02	10	1.33	.01	.30	1	81
032261	5	14	20	121	.4	11	8	912	3.02	1310	5	ND	15	450	.5	20	2	31	3.05	.088	36	48	1.08	141	.01	10	.71	.01	.18	1	1010
032262	5	9	26	157	.4	15	8	907	3.07	759	5	ND	15	428	.8	20	2	31	3.06	.073	31	29	1.08	227	.01	8	.63	.01	.13	1	270
032263	4	12	31	122	.3	12	8	678	2.58	254	5	ND	16	319	.6	12	2	36	3.08	.046	31	29	1.13	778	.01	6	.65	.01	.08	1	51
032264	6	8	19	87	.6	13	8	1568	4.43	1007	9	ND	10	644	.9	22	2	20	5.17	.037	14	34	2.13	85	.01	7	.57	.01	.09	1	540
032265	4	28	209	595	2.4	13	7	1508	3.93	1162	5	ND	10	657	5.8	111	2	21	4.49	.052	18	30	1.84	74	.01	9	.44	.01	.11	1	680
032266	6	28	125	561	1.6	11	6	1583	3.97	1046	11	ND	8	574	3.7	51	2	19	4.93	.041	13	47	2.10	74	.01	8	.55	.01	.16	1	370
032267	5	13	22	198	.8	12	7	1313	3.72	895	5	ND	10	729	1.1	25	2	20	4.97	.063	16	41	2.07	79	.01	9	.50	.01	.16	1	630
032268	5	10	22	133	.6	11	6	1660	3.83	643	11	ND	8	839	1.1	22	2	21	6.65	.050	14	52	2.81	85	.01	11	.50	.01	.16	1	420
032269	4	11	20	165	.5	16	8	743	3.12	762	5	ND	13	567	.5	16	2	16	3.22	.087	25	35	1.23	94	.01	11	.49	.01	.16	1	310
032270	12	22	19	295	1.1	39	6	468	2.35	451	8	ND	7	330	3.6	25	5	69	2.12	.151	14	56	.76	85	.01	7	.52	.01	.12	1	88
032271	20	34	31	467	2.1	81	6	432	1.97	150	5	ND	1	293	7.8	54	2	238	1.41	.189	8	107	.55	89	.01	13	.73	.01	.14	1	69
032272	15	27	15	381	1.2	80	7	75	1.82	79	5	ND	1	72	4.1	14	3	88	.21	.036	7	53	.10	91	.01	13	.45	.01	.14	1	71
032273	13	27	12	607	.7	60	5	29	1.20	41	5	ND	1	39	7.9	9	2	97	.10	.028	8	51	.05	174	.01	10	.37	.01	.12	1	55
032274	17	24	13	314	1.1	69	6	64	1.50	57	5	ND	1	61	2.6	10	2	98	.20	.024	7	80	.12	92	.01	11	.47	.01	.16	1	31
032275	1	41	13	412	.1	97	30	582	4.48	40	5	ND	6	92	2.4	2	2	30	.11	.042	20	27	.18	928	.01	5	1.05	.01	.26	2	18
032276	5	43	19	405	.1	97	34	455	4.71	174	5	ND	5	85	1.4	2	2	43	.11	.037	18	51	.19	1112	.01	5	1.41	.02	.33	1	105
032277	5	38	16	393	.1	100	29	275	4.62	58	5	ND	5	92	.2	2	2	37	.09	.030	17	42	.09	1181	.01	4	.77	.02	.19	1	39
032278	5	39	19	354	.2	78	26	213	3.78	47	5	ND	7	81	.9	5	2	34	.11	.033	21	33	.09	1318	.01	5	.91	.02	.29	1	29
032279	8	27	24	137	.3	22	6	51	1.71	43	5	ND	7	89	.4	6	2	41	.07	.033	26	27	.07	1331	.01	7	.79	.02	.27	1	29
032280	5	28	79	233	.4	42	15	427	3.39	576	5	ND	19	223	.7	21	2	27	1.02	.071	39	38	.53	94	.01	3	.55	.01	.21	1	65
032281	7	32	33	263	.4	51	21	958	3.89	1099	5	ND	17	241	.7	47	2	29	1.26	.070	37	61	.61	192	.01	3	.59	.01	.21	1	280
032282	5	37	53	282	.3	51	21	926	3.85	683	5	ND	19	185	1.3	42	2	42	1.07	.050	35	87	.66	407	.01	3	.94	.01	.14	1	330
STANDARD C/AU-R	17	55	37	131	7.0	71	32	1046	3.96	40	17	7	39	51	18.4	15	21	56	.48	.089	37	58	.88	175	.09	33	1.95	.06	.14	11	460

S. GOLDEN BCRC 91-566

S. GOLDEN BCRC 91-567

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 19 1991 **DATE REPORT MAILED:** July 24/91. **SIGNED BY:** D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
032283	6	34	37	238	.1	41	20	985	4.31	1042	5	ND	19	168	.8	40	2	43	.61	.039	34	63	.55	621	.01	2	.78	.01	.12	1	520
032284	5	32	33	242	.1	39	20	1040	3.93	386	5	ND	19	205	.5	28	3	55	.91	.056	39	66	.69	1265	.01	2	.94	.01	.10	1	200
032285	5	34	40	259	.1	39	21	1207	4.01	621	5	ND	16	235	1.2	31	2	46	1.05	.051	41	59	.82	1049	.01	3	1.07	.01	.15	1	230
032286	5	35	26	177	.2	36	17	989	4.11	9543	12	ND	15	324	1.7	46	2	25	1.35	.048	39	47	.89	178	.01	4	1.08	.01	.19	1	260
032287	5	51	23	300	.1	50	26	1297	4.80	326	5	ND	17	323	1.7	38	2	84	2.62	.152	58	75	1.58	217	.06	2	1.18	.01	.33	1	70
032288	7	47	26	452	.1	84	31	1029	4.30	70	5	ND	16	203	3.3	73	2	112	1.63	.139	51	70	1.24	406	.15	6	1.54	.02	.62	1	19
032289	5	35	26	245	.1	44	18	1009	3.96	181	5	ND	20	402	1.6	72	2	47	2.57	.117	51	47	1.34	421	.02	2	.71	.01	.22	1	8
032290	6	43	34	316	.1	41	17	1190	4.44	124	5	ND	20	499	2.1	62	2	47	2.19	.146	52	54	1.19	277	.01	3	1.08	.01	.21	1	16
032291	5	28	123	391	.6	27	16	1045	4.03	152	5	ND	13	177	1.8	52	3	25	.51	.055	32	44	.31	549	.01	3	.78	.01	.12	1	1
032292	6	24	53	218	.3	20	12	831	3.61	400	5	ND	10	156	.9	54	11	30	.32	.047	27	59	.20	235	.01	4	.84	.01	.15	1	8
032293	7	28	43	215	.1	18	12	1043	3.76	579	5	ND	10	132	.7	42	3	29	.27	.041	24	72	.20	210	.01	5	1.04	.01	.16	1	36
032294	6	10	24	133	.1	18	11	1015	3.36	588	5	ND	7	218	.7	31	5	24	1.18	.029	17	57	.58	482	.01	7	.87	.01	.18	1	110
032295	8	20	51	138	.2	19	12	922	3.79	1129	5	ND	9	131	.5	46	5	24	.35	.049	20	72	.22	97	.01	5	.93	.01	.18	1	350
032296	5	21	31	115	.1	18	11	943	3.68	430	5	ND	6	200	.5	28	2	41	1.80	.045	21	56	.93	1000	.01	2	.73	.01	.14	1	210
032297	4	20	40	142	.3	19	11	988	3.43	2094	8	4	6	577	.8	35	6	25	3.28	.039	14	36	1.43	146	.01	4	.60	.01	.15	1	1530
032298	4	17	45	178	.5	17	10	1331	3.27	1839	7	5	6	651	1.2	98	3	33	3.47	.038	15	42	1.58	101	.01	5	.82	.01	.16	1	2260
032299	5	16	27	94	.3	14	9	1770	3.52	1497	5	4	11	391	.3	86	2	53	3.29	.058	27	50	1.63	114	.01	5	.76	.01	.13	1	2030
032300	6	19	42	133	.5	15	10	1393	3.68	2817	5	4	9	339	.7	2610	3	52	2.67	.041	24	57	1.27	108	.01	4	.84	.01	.11	1	2410
032301	5	15	21	97	.1	11	8	807	2.95	706	5	ND	10	323	.5	27	4	47	2.36	.082	34	47	1.00	230	.01	5	.77	.01	.15	1	210
032302	5	11	25	80	.2	10	8	1076	3.10	1405	5	3	9	376	.9	30	6	45	2.65	.058	27	51	1.31	137	.01	5	.82	.01	.14	1	2490
032303	5	9	24	84	.1	9	8	881	3.46	95	5	ND	9	133	.6	21	7	52	2.11	.091	41	46	.84	470	.01	2	.97	.01	.11	1	29
032304	4	13	23	76	.1	10	8	646	3.15	53	5	ND	12	166	.5	19	9	39	2.47	.087	24	40	.95	262	.01	3	.74	.01	.17	1	50
032305	5	12	23	103	.1	9	8	706	3.19	368	5	ND	9	235	.3	27	7	33	2.48	.092	25	49	.89	138	.01	4	.95	.01	.22	1	130
032306	4	15	41	127	.1	10	8	795	3.09	102	5	ND	8	345	.7	19	5	29	2.60	.083	21	32	1.09	258	.01	6	.71	.01	.22	1	9
032307	3	12	35	110	.1	8	8	729	3.22	72	5	ND	6	188	.6	23	6	35	2.71	.081	20	29	1.22	173	.01	5	.79	.01	.18	1	18
032308	4	37	36	235	.4	39	16	1294	3.94	78	5	ND	17	157	1.3	12	7	39	1.32	.109	49	54	.46	405	.03	3	.76	.01	.27	1	2
032309	8	33	19	200	.1	68	15	290	3.83	34	5	ND	9	112	.5	18	6	32	.22	.061	39	33	.05	684	.01	9	.64	.01	.24	1	1
032310	6	26	24	127	.4	33	9	177	3.77	65	5	ND	12	105	.2	27	4	20	.13	.073	43	36	.04	619	.01	8	.64	.01	.28	1	6
032311	5	26	23	127	.1	25	14	691	3.87	132	5	ND	10	35	.2	37	9	17	.27	.098	48	28	.85	205	.01	9	.63	.01	.16	1	7
032312	4	21	14	86	.1	30	14	1509	3.81	96	5	ND	9	58	.6	17	7	19	.63	.110	48	38	.06	279	.01	11	.68	.01	.27	1	1
032313	3	17	32	162	.1	32	15	1276	4.03	42	5	ND	13	37	.9	12	2	72	.43	.126	55	50	.21	424	.06	4	1.28	.01	.29	1	1
032314	3	20	64	373	.7	15	11	936	3.78	186	5	ND	14	45	2.8	16	3	47	.43	.116	49	31	.22	618	.05	3	1.18	.01	.28	1	1
032315	5	23	24	153	.1	38	14	871	3.49	72	5	ND	11	83	1.0	20	6	42	.31	.096	46	35	.10	577	.01	8	.90	.01	.29	1	2
032316	4	17	122	205	1.7	31	14	935	3.78	1394	5	ND	7	153	2.1	72	8	14	.87	.099	33	32	.18	328	.01	9	.62	.01	.15	1	120
032317	7	46	51	209	.8	46	14	557	3.18	931	5	ND	8	191	1.4	30	9	29	.50	.048	35	33	.09	958	.01	9	.67	.01	.18	1	81
032318	12	37	28	323	.3	45	10	44	2.06	528	5	ND	6	195	1.3	18	2	39	.11	.041	30	30	.03	339	.01	7	.57	.01	.16	1	21
STANDARD C/AU-R	19	60	40	130	7.5	68	34	1068	3.86	41	17	7	38	53	17.6	15	18	60	.47	.090	39	57	.88	172	.09	33	1.84	.06	.15	11	460

S. GOLDEN BCRC 91-567

S. GOLDEN BCRC 91-568

JUL-24-1991 9:32 FROM HUTE ANALYTICAL TO NORANDA YT P.005/007

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJ# 9107-082 330 FILE # 91-2688 Page

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
032319	9	73	22	264	.2	34	7	31	2.47	979	5	ND	4	167	1.7	20	2	32	.49	.045	30	31	.03	624	.01	9	.61	.02	.22	1	59
032320	8	39	18	167	.4	59	11	248	3.05	2137	5	ND	1	231	2.7	32	6	42	1.11	.047	20	32	.17	119	.01	10	.75	.02	.31	1	820
032321	8	23	17	219	.1	58	14	498	2.90	371	5	ND	5	230	.7	40	6	46	1.12	.082	29	43	.26	212	.01	9	.92	.02	.31	1	240
032322	5	15	46	230	.1	79	18	822	3.49	780	5	ND	9	262	.6	48	2	44	1.88	.104	33	46	.86	178	.02	6	1.10	.02	.35	1	280
032323	4	19	18	156	.1	42	14	854	3.73	538	5	ND	10	236	.5	31	2	67	1.63	.104	40	44	1.02	266	.13	5	1.32	.06	.60	1	64
032324	4	19	76	188	.3	28	15	1014	4.58	900	5	ND	15	156	.6	69	2	72	1.59	.100	51	42	.78	619	.02	2	.80	.02	.15	1	640
032325	3	18	32	155	.1	25	13	770	3.84	119	5	ND	12	138	.6	35	2	78	1.59	.111	50	45	.70	483	.03	2	1.01	.02	.21	1	12
032326	3	16	33	139	.1	21	11	600	3.33	332	5	ND	13	137	.6	30	2	78	1.59	.105	47	45	.95	620	.16	2	1.60	.06	.65	1	65
032327	4	17	29	114	.1	17	9	584	3.15	40	5	ND	10	124	.8	11	2	90	1.54	.099	40	57	1.19	854	.23	2	1.67	.11	.44	1	15
032328	4	16	33	117	.1	16	8	602	3.18	26	5	ND	11	116	.8	8	2	92	1.55	.099	38	52	1.21	831	.24	2	1.62	.11	.38	1	6
032329	4	18	39	132	.1	17	8	683	3.19	37	5	ND	9	152	.6	11	2	85	1.96	.100	40	51	1.06	571	.16	2	1.51	.09	.39	1	2
032330	6	19	34	117	.1	17	8	648	3.16	28	5	ND	11	141	.8	6	2	87	1.93	.101	40	63	1.09	746	.21	2	1.53	.14	.43	1	4
032331	6	18	34	129	.1	18	10	598	3.04	36	5	ND	12	106	.9	18	2	85	1.58	.111	49	64	.90	827	.10	2	1.39	.06	.31	1	2
032332	4	15	43	119	.1	13	10	1138	3.62	318	6	ND	11	236	.3	17	2	59	2.56	.050	30	37	1.21	360	.01	2	.68	.01	.11	1	280
032333	4	15	41	118	.1	15	10	1202	3.57	364	5	ND	10	245	.5	22	2	55	2.85	.037	23	40	1.27	218	.02	2	.73	.02	.13	1	260
032334	3	15	32	114	.1	13	10	1029	3.68	209	5	ND	8	170	.4	20	2	57	2.59	.029	25	40	1.23	558	.01	2	.69	.01	.06	1	74
032335	4	16	28	109	.1	14	10	1134	3.67	259	8	ND	9	221	.4	20	2	57	2.93	.036	24	36	1.29	616	.01	2	.74	.01	.09	1	200
032336	3	19	45	134	.1	17	11	939	3.39	343	5	ND	10	210	.6	22	7	63	2.21	.042	24	40	.98	687	.01	2	.78	.01	.04	1	310
032337	4	15	35	127	.3	15	11	1271	3.38	1407	8	4	7	300	.7	145	2	52	2.63	.041	18	41	1.19	218	.01	2	.75	.01	.08	1	1980
032338	4	12	40	112	.3	14	10	1147	3.27	1699	5	3	6	396	.5	38	2	37	2.91	.045	15	32	1.24	114	.01	4	.74	.01	.11	1	1680
032339	3	10	33	104	.2	12	10	922	3.39	199	5	ND	6	242	.9	18	2	37	2.18	.047	18	40	1.02	647	.01	5	.85	.01	.17	1	34
032340	4	13	34	138	.1	23	10	885	3.71	91	5	ND	6	273	.4	13	2	45	2.59	.052	11	26	1.23	244	.01	3	.77	.01	.14	1	22
032341	7	41	23	283	.1	81	17	390	3.89	55	5	ND	6	194	1.2	10	2	44	.98	.034	25	18	.73	77	.01	5	.63	.03	.22	1	9
032342	8	41	20	398	.1	82	16	242	3.28	49	5	ND	2	149	2.4	8	5	48	.75	.030	23	18	.57	74	.01	5	.64	.03	.27	1	9
032343	5	38	19	339	.1	73	17	237	3.44	29	5	ND	5	170	1.7	6	5	45	.68	.039	26	18	.60	91	.01	6	.71	.04	.27	1	2
032344	7	39	18	359	.1	74	15	207	3.09	27	5	ND	2	207	1.9	7	8	50	.86	.039	22	17	.62	92	.01	7	.66	.03	.24	1	3
032345	5	54	69	376	.1	93	19	190	5.26	136	5	ND	20	185	3.6	36	6	32	.11	.072	65	41	.05	1202	.01	4	.98	.02	.15	1	3
032346	5	32	36	337	.1	71	18	635	4.80	136	5	ND	20	273	2.6	22	2	29	1.11	.036	47	49	.28	971	.01	4	.84	.01	.20	1	1
032347	4	34	51	376	.1	86	23	545	5.07	182	5	ND	20	192	2.9	17	2	33	.33	.065	50	43	.10	638	.01	6	.80	.01	.19	1	3
032348	6	48	195	294	1.4	54	22	1052	5.40	359	5	ND	17	225	2.4	29	3	25	.56	.040	36	41	.20	91	.01	9	.85	.01	.20	1	10
032349	5	60	127	286	1.0	47	19	1383	5.24	973	5	ND	16	336	3.0	17	2	19	1.27	.065	26	42	.59	74	.01	8	.94	.01	.20	1	6
032350	6	41	93	329	.7	46	17	1603	4.98	942	5	ND	20	419	2.4	22	2	24	1.67	.057	34	38	.78	94	.01	12	.68	.01	.21	1	5
032351	4	53	48	427	.1	86	30	1416	5.88	365	5	ND	21	326	2.9	27	2	93	2.26	.163	58	62	1.18	130	.12	14	1.05	.03	.42	1	20
032352	7	43	42	290	.3	78	21	778	4.16	125	5	ND	8	218	1.4	27	2	62	1.35	.085	32	47	.81	87	.03	25	.98	.03	.42	1	1
032353	4	17	64	162	.4	25	11	976	3.38	67	5	ND	7	392	1.0	24	2	21	2.64	.068	19	30	.96	87	.01	25	.71	.02	.19	1	5
032354	4	18	31	152	.3	31	39	1004	3.33	65	5	ND	9	332	.6	22	11	24	2.45	.093	28	60	.82	268	.01	26	.88	.02	.29	52	3
STANDARD C/AU-R	20	62	42	136	7.5	73	32	1086	4.01	42	22	8	40	49	17.4	16	22	60	.53	.094	41	56	.93	184	.09	35	1.96	.07	.15	12	510

S. GOLDEN BORE 91-568

S. GOLDEN BORE 91-569

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
032355	4	15	40	152	.3	20	11	842	3.19	50	5	ND	12	201	.5	19	2	24	2.59	.085	29	43	.72	315	.01	10	.81	.01	.25	1	4
032356	8	18	18	131	.4	36	15	1025	3.54	52	6	ND	11	301	.9	29	2	26	2.35	.091	34	68	.82	395	.01	12	.90	.02	.30	5	6
032357	6	17	114	326	.9	22	32	1842	3.82	126	5	ND	11	286	2.4	28	2	20	2.18	.088	30	63	.74	210	.01	10	.82	.02	.31	79	3
032358	4	16	22	110	.4	20	14	839	3.37	33	5	ND	11	266	.5	13	2	36	2.51	.087	31	56	.91	367	.01	10	1.08	.03	.24	19	1
032359	5	11	14	104	.2	20	11	675	3.32	37	6	ND	11	241	.5	23	2	45	2.39	.087	32	62	.96	547	.03	11	1.46	.03	.33	1	2
032360	5	13	18	107	.3	17	9	554	3.25	29	5	ND	10	251	.5	18	2	44	2.47	.086	29	59	1.06	363	.04	9	1.34	.04	.36	1	2
032361	8	14	24	151	.4	18	10	476	3.56	16	6	ND	12	180	.7	17	2	72	1.98	.098	34	97	1.18	442	.10	8	1.93	.06	.60	1	4
032362	6	13	33	276	.5	15	10	589	3.53	337	5	ND	11	233	2.1	32	2	51	2.31	.094	27	74	1.10	159	.06	9	1.44	.04	.40	1	33
032363	6	18	106	534	1.6	10	8	979	3.60	2168	5	ND	8	356	5.3	84	3	14	3.07	.092	14	56	1.20	74	.01	10	.65	.01	.30	1	540
032364	5	14	57	367	.8	20	11	880	3.45	754	5	ND	9	322	3.1	54	2	24	2.67	.096	22	41	1.02	124	.01	8	.78	.02	.24	1	180
032365	8	19	51	272	.8	21	11	810	3.55	1303	5	ND	10	263	2.1	53	2	22	2.73	.090	20	88	1.04	126	.01	10	.79	.02	.28	1	290
032366	8	15	62	165	.5	16	10	625	3.19	460	6	ND	11	182	1.0	24	2	40	2.27	.082	25	88	.95	232	.04	7	1.15	.04	.36	1	210
032367	5	13	26	85	.4	16	10	650	3.12	895	5	ND	10	203	.2	35	2	23	2.77	.084	19	55	.88	117	.01	8	.78	.02	.24	1	410
032368	3	12	20	109	.1	19	11	732	3.49	216	6	ND	12	200	.2	24	2	54	2.74	.096	37	40	1.41	336	.06	3	1.29	.02	.33	1	39
032369	3	16	16	144	.2	25	13	728	3.74	291	5	ND	9	208	.4	34	2	43	2.66	.097	27	40	1.11	104	.02	3	1.00	.01	.25	1	160
032370	3	13	30	109	.2	13	9	647	3.22	69	5	ND	15	139	.2	13	2	72	2.16	.098	50	27	1.43	967	.11	2	1.61	.02	.57	1	7
032371	4	14	22	111	.3	14	9	568	3.36	52	7	ND	14	118	.2	12	2	80	1.67	.094	41	33	1.32	1078	.22	2	1.67	.04	.78	1	8
032372	4	14	34	110	.2	15	9	559	3.45	57	5	ND	15	116	.4	11	2	78	1.66	.106	47	42	1.28	936	.14	2	1.63	.04	.57	1	10
032373	4	14	39	133	.1	13	10	568	3.67	65	8	ND	15	113	.2	18	2	75	1.51	.108	55	33	1.26	816	.04	2	1.08	.02	.18	1	6
032374	4	16	35	114	.2	13	9	572	3.67	39	7	ND	15	95	.2	22	2	68	1.62	.102	53	43	1.32	514	.02	2	1.00	.01	.13	1	6
032375	6	15	33	104	.2	13	8	508	3.05	67	6	ND	14	105	.2	7	2	72	1.40	.093	41	56	1.14	1171	.21	2	1.43	.05	.49	1	27
032376	6	15	37	195	.4	17	9	600	3.24	318	7	ND	12	152	1.3	20	2	61	1.86	.091	35	66	1.13	346	.17	4	1.33	.05	.44	1	180
032377	5	12	29	109	.2	13	8	547	3.24	66	5	ND	13	114	.2	7	2	80	1.70	.093	37	54	1.22	1155	.27	2	1.58	.06	.70	1	18
032378	4	13	26	100	.3	12	8	628	3.18	35	5	ND	13	139	.2	4	2	72	2.53	.086	37	45	1.28	808	.14	5	1.46	.04	.44	1	11
032379	5	12	16	94	.2	11	8	591	3.09	28	6	ND	13	117	.3	3	2	79	1.82	.086	37	47	1.21	1279	.25	2	1.59	.06	.61	1	3
032380	5	12	23	97	.3	11	8	560	3.12	23	5	ND	13	119	.2	3	2	79	1.62	.088	36	41	1.17	1458	.27	2	1.56	.06	.62	1	3
032381	4	10	21	97	.2	11	8	500	3.14	15	5	ND	14	95	.2	2	2	83	1.32	.086	38	48	1.16	1036	.30	3	1.59	.07	.67	1	1
032382	5	12	25	100	.2	11	7	484	2.98	29	5	ND	13	105	.2	13	2	75	1.39	.086	36	53	1.07	853	.28	3	1.48	.07	.59	1	8
032383	4	11	24	97	.3	10	7	514	2.85	30	5	ND	12	124	.2	3	2	66	1.87	.086	34	37	1.02	1049	.23	2	1.36	.05	.40	1	5
032384	4	11	18	95	.3	9	7	481	2.91	15	5	ND	12	114	.2	2	2	70	1.67	.084	32	37	1.06	947	.23	3	1.41	.05	.35	1	2
032385	5	10	27	99	.3	10	7	516	3.07	50	5	ND	12	125	.2	29	2	73	1.83	.083	32	52	1.12	568	.23	4	1.39	.04	.34	1	20
032386	4	11	39	167	.4	12	9	753	3.45	790	5	ND	12	244	.8	24	2	58	2.46	.079	35	47	1.24	229	.10	2	1.00	.03	.29	1	1400
032387	3	24	70	369	.6	31	18	1182	4.15	1012	5	ND	12	472	1.6	31	2	27	3.12	.065	39	42	1.44	82	.01	4	.53	.01	.19	1	510
032388	5	16	23	199	.4	39	14	845	3.37	844	5	ND	8	289	.6	15	2	40	2.75	.058	22	32	1.10	108	.01	6	.61	.01	.19	1	1280
032389	4	14	56	180	.7	26	11	1020	3.57	872	5	ND	8	331	.8	20	3	28	2.99	.060	18	30	1.14	84	.01	5	.55	.01	.18	1	340
032390	6	19	24	223	.4	39	11	636	3.30	702	5	ND	6	279	1.1	19	2	35	2.46	.036	17	25	.94	78	.01	5	.51	.01	.18	1	140
STANDARD C/AU-R	18	58	37	130	6.6	69	31	1008	3.88	40	19	6	36	52	18.2	15	19	56	.46	.087	36	56	.87	173	.09	34	1.85	.06	.15	11	480

S. GOLDEN
BCRE 91-569.

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
032391	8	26	20	136	.2	48	12	635	2.23	49	5	ND	7	142	.6	15	2	45	.47	.051	34	39	.06	1066	.01	11	.62	.01	.16	1	8
032392	6	29	21	158	.3	57	19	989	2.89	80	5	ND	6	153	.9	19	2	40	.75	.057	36	37	.09	1083	.01	11	.76	.01	.17	1	7
032393	5	25	27	242	.1	78	21	1120	3.27	557	5	ND	5	161	1.3	36	2	36	1.03	.040	29	36	.14	853	.01	7	.84	.01	.17	1	38
032394	4	24	30	254	.1	79	28	1628	3.62	587	5	ND	4	162	1.5	77	2	28	1.48	.044	27	41	.10	987	.01	9	.91	.01	.19	1	32
032395	4	18	45	219	.2	56	23	1796	3.39	1904	5	ND	6	148	1.7	58	2	22	1.40	.033	26	38	.10	1561	.01	4	.68	.01	.14	1	420
032396	5	28	53	252	.3	42	17	861	3.61	1765	5	ND	9	132	4.3	67	4	27	.24	.040	35	42	.04	2302	.01	7	.86	.01	.14	1	380
032397	4	18	31	130	.2	28	14	1220	3.52	1818	5	ND	8	162	.9	50	3	35	1.96	.039	29	38	.13	904	.01	6	.63	.01	.13	1	650
032398	6	19	37	213	.4	28	13	940	3.36	1503	5	ND	10	131	1.6	58	2	22	.99	.055	36	34	.08	717	.01	4	.64	.01	.15	1	300
032399	7	16	27	178	.2	32	15	745	3.56	627	5	ND	10	113	.8	52	2	40	1.39	.095	42	44	.15	331	.01	5	.62	.01	.14	1	53
032400	5	18	23	120	.1	30	15	646	3.06	136	5	ND	8	199	.4	32	2	46	1.93	.098	34	44	.58	238	.01	5	1.02	.02	.20	1	7
032401	5	12	24	96	.1	17	10	686	3.02	160	5	ND	8	190	.7	34	2	30	1.73	.092	33	25	.32	261	.01	8	.86	.02	.19	1	19
032402	5	11	36	120	.2	20	11	737	3.12	66	5	ND	7	250	.3	21	2	45	2.17	.091	31	38	.63	306	.01	7	1.06	.03	.22	1	4
032403	6	18	48	161	.3	21	11	896	3.07	142	5	ND	9	233	.7	32	2	29	1.88	.092	28	37	.55	288	.01	10	.95	.01	.32	1	16
032404	5	14	80	149	.6	19	9	1089	3.26	246	5	ND	9	404	.8	28	2	28	2.72	.078	23	36	.94	348	.01	9	.93	.01	.29	1	48
032405	5	19	51	421	.6	25	11	812	3.39	303	5	ND	7	339	4.1	28	2	41	2.29	.093	19	31	.69	150	.01	9	.69	.01	.23	1	37
032406	11	42	28	407	.8	63	13	309	2.85	97	5	ND	7	212	4.2	26	2	103	.65	.060	26	43	.28	89	.01	14	.98	.02	.35	1	4
032407	11	43	18	410	.6	72	13	182	2.63	888	5	ND	4	182	3.4	24	2	80	.43	.051	25	28	.21	77	.01	13	.77	.02	.26	1	190
032408	6	21	20	157	.4	30	10	657	2.96	1130	5	ND	13	315	.9	275	2	66	2.33	.095	37	40	1.00	203	.01	9	.98	.02	.21	1	1810
032409	4	20	27	147	.2	21	10	732	3.06	140	5	ND	13	172	.8	220	2	76	2.18	.104	49	40	.98	531	.02	5	1.08	.02	.20	1	7
032410	5	20	33	123	.3	14	10	859	3.43	1270	5	2	14	207	.3	39	7	72	2.30	.062	33	51	1.00	879	.01	3	1.32	.01	.10	1	2330
032411	4	18	33	118	.3	13	10	850	3.04	438	5	ND	12	250	.6	26	5	63	2.52	.051	26	44	1.05	697	.01	4	1.17	.01	.10	1	340
032412	4	18	38	135	.3	15	11	894	3.04	436	5	ND	12	186	.2	44	2	63	1.65	.042	23	45	.68	794	.01	2	.95	.01	.06	1	360
032413	4	18	38	122	.4	14	11	1092	3.75	568	5	ND	12	189	.4	65	2	67	1.80	.042	26	44	.92	826	.01	3	.98	.01	.06	1	930
032414	4	18	39	126	.3	14	12	1086	3.57	588	5	ND	11	160	.6	444	2	70	1.97	.041	26	42	.96	809	.01	2	.91	.01	.04	1	1140
032415	5	23	108	211	.9	32	12	726	3.30	336	5	ND	13	155	1.0	167	6	62	1.64	.058	25	41	.70	323	.01	8	1.01	.01	.21	1	450
032416	4	13	56	138	.3	13	10	834	3.47	119	5	ND	10	198	.8	47	6	60	2.57	.081	32	42	1.15	966	.01	5	1.01	.01	.15	1	22
032417	4	12	61	129	.4	12	9	854	3.45	92	5	ND	8	202	.6	24	6	57	2.36	.063	29	46	1.10	1149	.01	7	1.35	.01	.16	1	53
032418	3	16	54	171	.2	12	10	815	3.61	89	5	ND	7	170	.6	23	6	50	2.58	.075	25	36	1.14	217	.01	7	1.23	.01	.19	1	43
032419	7	28	27	222	.3	50	13	485	3.43	126	5	ND	8	158	1.0	27	3	61	1.44	.059	22	29	.71	109	.01	10	.85	.02	.20	1	95
032420	6	37	18	368	.3	68	15	304	3.53	61	5	ND	4	173	2.6	14	7	66	.77	.035	27	21	.66	79	.01	14	1.00	.02	.33	1	26
032421	6	36	19	208	.2	71	17	285	3.56	69	5	ND	6	206	.8	11	8	44	.76	.027	24	21	.67	86	.01	13	.85	.02	.33	1	23
032422	6	28	51	263	.3	46	13	661	3.65	234	5	ND	11	320	1.6	23	7	50	1.92	.068	31	25	1.02	100	.01	11	.85	.01	.21	1	360
032423	8	35	70	242	.4	59	14	481	3.35	126	5	ND	11	345	1.1	17	6	56	1.62	.056	27	31	.88	74	.01	12	.83	.01	.30	1	87
032424	8	41	110	524	.8	79	16	451	3.26	109	5	ND	7	233	3.8	-29	6	56	1.16	.051	22	24	.68	62	.01	15	.90	.02	.35	1	54
032425	4	37	30	142	.2	47	12	529	3.98	220	5	ND	10	91	.6	32	8	58	.26	.048	24	42	.34	720	.01	7	1.69	.03	.21	1	57
032426	3	47	22	134	.1	58	12	200	4.14	28	5	ND	7	93	.8	4	4	55	.24	.031	4	32	.68	673	.01	5	2.13	.03	.21	1	6
STANDARD C/AU-R	19	64	40	132	6.9	69	34	1089	3.92	43	23	7	40	53	17.5	15	19	59	.47	.090	39	57	.80	175	.09	32	1.86	.07	.16	12	460

S. GOLDEN BERE 91-570

S. GOLDEN BERE 91-571

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
032427	3	41	18	256	.1	97	23	573	5.00	16	5	ND	4	68	1.1	2	2	43	.19	.036	4	45	.80	866	.01	2	2.45	.03	.23	1	2
032428	3	47	17	193	.1	61	15	209	4.54	16	5	ND	4	83	.6	2	2	45	.20	.032	4	45	.81	757	.01	2	2.49	.03	.24	1	1
032429	3	43	22	142	.5	50	14	147	4.41	23	7	ND	5	92	.4	2	2	40	.17	.031	5	39	.76	949	.01	2	2.41	.03	.26	1	3
032430	4	39	27	168	.1	66	17	177	4.43	20	5	ND	4	53	.2	2	3	38	.14	.032	4	41	.86	434	.01	2	2.61	.03	.28	1	1
032431	2	42	34	193	.3	73	22	313	4.55	15	5	ND	6	38	.3	2	2	34	.26	.038	9	41	1.11	154	.01	2	2.60	.03	.25	1	1
032432	3	40	20	170	.1	68	21	418	4.61	16	5	ND	9	48	.2	2	3	35	.41	.046	32	42	1.18	173	.01	2	2.62	.03	.22	1	2
032433	3	44	22	168	.1	65	21	440	4.86	21	5	ND	9	47	.3	2	2	34	.40	.044	34	42	1.19	136	.01	2	2.66	.03	.23	1	1
032434	1	41	17	174	.1	64	21	404	4.84	19	5	ND	10	47	.2	3	2	36	.34	.048	39	43	1.22	253	.01	4	2.91	.03	.25	1	1
032435	2	43	17	199	.1	68	20	441	4.63	19	5	ND	10	74	1.1	2	3	41	.46	.045	37	52	1.17	216	.01	5	2.62	.03	.25	1	1
032436	2	49	17	180	.3	64	19	400	4.26	30	5	ND	10	67	.8	3	2	36	.32	.042	33	31	1.12	222	.01	2	1.98	.02	.19	1	1
032437	1	54	15	155	.1	64	21	409	4.87	51	5	ND	9	72	.5	2	2	31	.42	.047	35	38	1.22	186	.01	3	2.30	.02	.21	1	1
032438	1	59	12	104	.5	67	22	410	4.71	154	5	ND	11	70	.8	2	2	29	.42	.045	35	37	1.17	205	.01	3	2.24	.02	.23	1	2
032439	1	54	17	163	.1	70	22	427	4.93	34	5	ND	9	72	.6	5	2	33	.44	.045	35	40	1.21	183	.01	4	2.47	.03	.24	1	1
032440	2	58	14	155	.3	72	21	375	4.75	82	5	ND	10	67	.7	3	8	33	.35	.043	32	40	1.19	214	.01	8	2.49	.03	.29	1	1
032441	1	55	25	349	.3	66	21	471	5.19	26	5	ND	10	73	2.1	2	2	38	.36	.046	31	44	1.29	235	.01	5	2.86	.03	.27	1	3
032442	1	46	27	231	.2	64	21	498	5.01	23	5	ND	11	88	1.2	2	2	40	.53	.048	35	46	1.35	298	.01	5	2.94	.03	.26	1	1
032443	2	56	16	170	.1	71	21	318	4.96	45	5	ND	9	72	.7	4	5	33	.34	.044	31	42	1.26	163	.01	5	2.53	.02	.20	1	1
032444	2	63	10	86	.2	74	22	384	5.24	53	5	ND	9	103	.5	2	2	39	.72	.044	26	48	1.51	153	.01	5	2.73	.02	.22	1	1
032445	1	51	17	162	.1	70	21	415	4.67	121	5	ND	9	74	1.5	220	2	32	.34	.043	29	38	1.23	219	.01	5	2.24	.02	.23	1	3
032446	2	49	47	336	.4	65	20	467	4.07	32	5	ND	9	68	2.7	7	2	40	.33	.039	32	30	1.04	172	.01	6	1.90	.02	.23	1	1
032447	2	52	39	274	.2	63	20	512	4.44	23	5	ND	9	68	1.7	4	2	42	.28	.042	35	34	1.11	182	.01	6	2.25	.02	.26	1	1
032448	2	45	46	290	.2	61	19	446	4.30	15	5	ND	9	82	2.0	2	2	43	.37	.039	36	36	1.12	224	.01	5	2.26	.02	.22	1	1
032449	1	42	19	248	.2	55	18	531	4.45	11	5	ND	7	83	1.4	3	2	38	.25	.033	19	33	1.12	252	.01	5	2.15	.02	.22	1	2
032450	2	52	25	327	.2	76	22	264	4.23	11	5	ND	5	93	2.2	2	2	53	.24	.034	4	34	1.08	190	.01	5	2.25	.02	.23	1	1
032451	2	46	19	231	.1	65	21	351	4.43	14	5	ND	4	121	1.5	2	2	43	.35	.033	4	37	1.17	248	.01	4	2.12	.02	.21	1	1
032452	3	46	22	257	.2	66	20	363	4.41	19	5	ND	5	198	1.7	2	2	42	.49	.032	8	36	1.13	189	.01	7	1.68	.03	.28	1	1
032453	3	26	21	132	.4	25	11	492	3.20	33	5	ND	9	410	.9	6	2	21	1.96	.079	26	29	1.02	153	.01	8	.75	.03	.22	1	1
032454	2	27	16	133	.2	33	13	546	3.71	24	5	ND	12	404	.8	7	5	25	2.00	.089	35	29	1.14	137	.01	7	.75	.03	.26	1	3
032455	2	26	12	97	.1	23	11	623	3.56	14	5	ND	18	304	.5	9	2	48	2.44	.107	42	58	1.42	219	.11	7	1.06	.03	.50	1	1
032456	2	27	14	86	.1	22	10	554	3.04	11	5	ND	18	388	.7	11	2	26	2.54	.097	35	41	1.25	157	.01	7	.64	.03	.26	1	1
032457	2	27	13	95	.1	26	11	568	3.34	13	6	ND	17	392	.3	8	2	41	2.35	.100	38	46	1.36	183	.06	5	.87	.03	.37	1	1
032458	2	42	23	172	.1	42	15	496	4.01	44	5	ND	12	492	.9	11	2	31	1.63	.084	32	32	1.08	96	.01	9	.82	.02	.27	1	2
032459	2	25	33	112	.1	20	11	697	3.50	30	5	ND	15	518	.8	5	2	20	2.63	.113	25	31	1.31	101	.01	6	.54	.03	.18	1	2
032460	2	28	26	99	.2	21	10	645	3.20	37	5	ND	14	455	.8	10	3	24	2.48	.105	27	35	1.29	91	.01	6	.61	.03	.20	1	1
032461	2	44	20	172	.2	59	19	428	4.01	24	5	ND	10	400	.9	2	3	29	.81	.057	34	34	.92	154	.01	5	.91	.02	.24	1	3
STANDARD C/AU-R	18	62	40	132	7.5	70	34	1061	3.99	40	22	6	39	52	18.6	14	18	54	.48	.090	40	58	.88	179	.09	33	1.95	.06	.15	11	490

S. GOWDEN
BCRD 91-571

P.007/007

GEOCHEMICAL AN[illegible]918 CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT [illegible]107-084 330 **File # 91-2724** Page 1

1050 Davie St., Vancouver BC V6E 1M4

TO NUKHNDJA YT

FROM ACME ANALYTICAL

JUL-24-1991 15:07

GOLDEN BEAR 91-572

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
032462	5	38	350	323	1.0	40	16	744	4.66	626	5	ND	20	140	1.8	24	3	37	.40	.074	54	24	.15	1530	.01	9	1.14	.01	.27	1	47
032463	6	32	77	172	.4	34	13	1033	4.21	1127	5	ND	20	205	1.0	23	2	23	.83	.062	46	43	.30	595	.01	7	.79	.01	.22	1	137
032464	5	32	40	160	.3	41	15	1430	4.04	365	5	ND	16	213	1.4	17	2	45	2.23	.067	41	35	.24	1338	.01	8	.86	.01	.21	1	160
032465	5	31	33	193	.1	35	15	1675	4.09	223	5	ND	15	210	2.1	12	2	55	3.41	.080	39	34	.21	1467	.01	10	1.08	.01	.24	1	75
032466	4	20	25	126	.1	24	12	1060	3.70	179	5	ND	13	192	.8	7	2	30	2.09	.076	31	35	.44	663	.01	8	.82	.01	.23	1	24
032467	4	16	19	87	.1	16	9	918	3.29	139	5	ND	10	284	.4	6	2	24	2.94	.067	23	38	.82	370	.01	8	.64	.01	.19	1	9
032468	3	20	43	162	.5	15	9	960	3.21	284	5	ND	10	312	1.1	12	2	19	2.86	.053	19	27	1.04	55	.01	10	.63	.01	.18	1	27
032469	5	17	114	159	.7	17	9	982	3.32	343	5	ND	8	299	1.2	39	2	17	2.88	.043	16	47	1.11	41	.01	7	.61	.01	.17	1	38
032470	3	16	77	160	.8	19	10	922	3.37	350	5	ND	9	296	1.1	23	2	20	2.72	.041	17	33	1.11	42	.01	9	.81	.01	.22	1	30
032471	4	18	31	115	.3	16	10	980	3.48	372	5	ND	10	332	.5	17	2	22	3.05	.056	21	42	1.23	89	.01	8	.64	.01	.15	1	41
032472	4	16	59	120	.4	15	9	1070	3.42	388	5	ND	8	263	.7	21	2	16	2.73	.029	15	36	1.11	63	.01	6	.55	.01	.15	1	45
032473	4	14	25	104	.1	16	10	756	3.35	98	5	ND	11	304	.5	13	2	34	2.98	.088	27	46	1.28	115	.01	5	.80	.02	.21	1	4
032474	3	14	36	174	.1	15	10	796	3.19	53	5	ND	11	256	.7	14	2	47	2.50	.101	29	40	1.27	140	.04	4	1.01	.02	.28	1	6
032475	4	19	34	179	.2	26	11	723	3.48	97	5	ND	10	260	.8	17	2	44	2.61	.079	26	45	1.21	67	.01	10	.91	.02	.29	1	12
032476	7	30	63	341	.5	41	11	578	3.08	88	5	ND	7	312	2.9	13	2	49	2.39	.058	20	35	1.01	39	.01	12	.81	.01	.31	1	8
032477	6	49	99	428	3.0	62	19	451	4.41	392	5	ND	6	202	2.6	20	6	39	1.52	.060	19	38	.70	24	.01	12	.81	.01	.33	1	16
032478	5	27	22	163	.2	41	12	552	3.48	1090	5	ND	8	240	.5	16	2	36	1.79	.057	26	32	.85	41	.01	11	.77	.01	.32	1	472
032479	4	13	20	205	.3	12	8	712	3.41	2398	5	ND	8	298	1.8	38	2	15	3.05	.055	16	35	1.07	61	.01	9	.60	.01	.22	1	620
032480	3	14	37	172	.3	16	10	603	3.15	1873	5	ND	8	314	1.2	44	2	17	2.97	.041	14	35	1.14	71	.01	7	.67	.01	.20	1	346
032481	4	17	23	121	.3	17	10	711	3.35	1477	5	ND	8	320	.9	27	2	15	3.30	.061	14	36	1.24	69	.01	6	.55	.01	.20	1	284
032482	3	17	39	199	.4	16	10	678	3.26	1734	5	ND	8	332	1.7	35	2	14	3.22	.076	14	30	1.21	71	.01	7	.47	.01	.21	1	441
032483	3	16	42	263	.4	15	9	664	3.22	2710	5	ND	6	349	2.6	50	2	14	3.30	.061	13	25	1.25	60	.01	6	.47	.01	.18	1	630
032484	4	10	46	162	.3	15	8	795	3.06	1872	5	ND	8	269	1.1	36	2	19	3.02	.039	14	28	1.11	77	.01	4	.49	.01	.14	1	1145
032485	5	23	43	210	.4	36	10	621	3.35	1641	5	ND	6	250	1.4	33	2	27	2.26	.055	15	30	.94	32	.01	7	.53	.01	.20	1	662
032486	6	34	23	332	.2	62	13	325	3.24	326	5	ND	6	197	2.3	14	2	55	.95	.045	25	32	.70	42	.01	13	.98	.02	.40	1	100
032487	5	20	16	173	.1	24	8	507	2.83	405	5	ND	9	261	1.0	18	2	43	2.19	.084	24	39	.96	59	.01	9	1.00	.01	.27	1	95
032488	3	14	33	105	.1	13	9	947	3.23	671	5	ND	10	165	.4	17	2	51	1.86	.032	21	35	.84	194	.01	5	.85	.01	.08	1	388
032489	3	15	39	122	.2	13	8	864	3.23	546	5	ND	14	264	.4	21	2	51	2.79	.053	32	35	1.16	99	.01	4	.97	.01	.15	1	409
032490	7	18	38	127	.1	16	9	891	3.30	746	5	ND	12	208	.5	19	2	50	2.19	.044	24	83	.94	147	.01	5	1.01	.01	.12	1	724
032491	4	17	27	111	.1	15	8	599	3.30	402	5	ND	12	246	.3	27	2	47	2.22	.084	32	44	1.16	65	.02	7	1.22	.01	.24	1	220
032492	4	16	39	145	.5	14	8	1871	3.56	1439	5	ND	10	229	.9	27	2	38	2.90	.032	17	50	1.16	41	.01	5	.72	.01	.12	1	1061
032493	5	16	145	277	1.2	14	10	1085	2.85	485	5	ND	10	115	1.8	67	2	38	.58	.028	17	46	.37	181	.01	7	.81	.01	.10	2	110
032494	7	28	47	290	.3	49	11	550	3.03	385	5	ND	7	137	2.2	28	2	60	.88	.041	19	40	.52	33	.01	9	.94	.01	.24	1	86
032495	9	34	18	310	.1	74	12	216	2.55	126	5	ND	5	228	1.9	13	2	56	1.10	.037	20	22	.54	35	.01	9	.60	.01	.23	1	39
032496	17	42	14	407	.4	52	6	251	2.17	147	5	ND	1	256	4.5	11	2	124	1.88	.225	7	55	.72	32	.01	9	.89	.02	.22	1	41
032497	13	47	25	427	.7	60	9	283	2.42	260	5	ND	4	291	4.6	17	2	99	1.29	.169	13	39	.56	35	.01	10	.74	.02	.23	1	72
STANDARD C/AU-R	19	58	40	131	6.9	70	33	1056	3.93	43	17	7	40	52	18.6	15	19	56	.48	.089	39	58	.88	175	.09	34	1.87	.06	.15	13	462

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 22 1991 **DATE REPORT MAILED:** July 24/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 3107-084 330 **FILE # 91-2724** Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
032498	4	24	34	135	.2	25	11	720	3.54	233	5	ND	16	433	.2	13	2	30	2.55	.093	35	31	1.26	127	.01	12	.60	.01	.24	1	79
032499	6	30	75	223	.3	43	13	450	3.51	252	5	ND	12	115	.8	69	5	36	.23	.031	27	61	.19	1231	.01	11	.78	.01	.16	1	107
032500	4	33	65	242	.1	54	20	1074	4.56	147	5	ND	21	125	1.8	76	2	53	.34	.044	42	69	.28	1394	.01	11	.70	.01	.10	1	16
032501	4	33	54	286	.1	66	23	829	3.44	381	5	ND	23	82	1.7	120	2	46	.25	.104	60	66	.12	945	.01	10	.81	.01	.23	1	128
032502	3	30	37	245	.1	58	20	924	3.94	132	5	ND	22	96	.8	66	2	65	.80	.107	52	88	.82	921	.14	10	1.47	.02	.65	1	14
032503	4	38	51	267	.1	69	19	673	3.90	282	5	ND	19	96	1.2	84	2	48	.52	.103	53	68	.47	895	.07	14	1.13	.02	.49	1	17
032504	6	34	30	204	.1	44	13	505	3.89	75	5	ND	16	211	1.0	30	3	37	.74	.065	54	40	.39	1175	.01	16	.81	.01	.36	1	3
032505	4	29	38	351	.2	68	21	1308	4.56	157	5	ND	25	327	4.4	81	2	40	1.17	.109	68	55	.63	964	.02	13	.88	.01	.38	1	9
032506	4	51	24	431	.1	85	37	1467	5.08	95	5	ND	27	165	4.7	148	2	118	1.56	.211	92	103	1.11	1084	.23	7	1.63	.02	.80	1	3
032507	6	54	44	399	.6	107	27	3399	4.22	178	9	ND	13	131	5.2	82	2	57	.50	.080	54	39	.33	914	.02	15	1.11	.02	.46	1	63
032508	3	27	25	159	.1	43	18	936	3.78	33	5	ND	22	393	.9	30	2	34	2.59	.102	53	58	1.20	399	.01	11	.94	.02	.28	1	4
032509	4	26	29	176	.1	39	19	900	3.85	31	5	ND	24	417	.6	36	5	40	2.55	.108	48	73	1.27	389	.05	6	.92	.01	.29	1	1
032510	2	18	24	238	.1	46	19	895	3.74	462	5	ND	10	320	1.0	44	2	32	2.31	.050	30	30	1.03	522	.01	7	.60	.01	.14	1	313
032511	1	18	36	179	.2	17	13	1031	3.81	305	5	ND	13	242	.6	30	2	53	2.61	.048	37	30	1.23	1080	.01	6	.74	.01	.05	1	271
032512	3	17	46	218	.4	22	14	914	3.46	357	5	ND	15	220	.3	41	2	50	2.01	.054	44	38	.99	1149	.01	7	.67	.01	.06	1	334
032513	2	18	46	172	.1	18	12	1030	3.75	437	5	ND	13	271	.4	31	2	59	2.07	.050	43	40	1.11	1059	.01	6	1.39	.01	.08	1	523
032514	2	20	151	166	1.3	15	10	1508	3.34	1104	6	4	14	558	1.2	127	2	27	3.41	.040	27	35	1.40	173	.01	9	.70	.01	.20	1	1048
032515	2	19	42	128	.2	14	11	1217	3.33	1353	5	3	12	354	.4	44	2	44	2.52	.039	30	30	1.10	415	.01	7	.79	.01	.09	1	2507
032516	3	15	40	166	.1	18	12	1007	3.81	468	5	ND	17	156	.7	40	2	61	1.27	.047	45	39	.77	1071	.01	5	1.16	.01	.09	1	1100
032517	4	18	41	175	.2	18	12	1028	3.75	455	5	ND	11	109	.3	40	2	48	.39	.037	30	44	.48	775	.01	4	.82	.01	.02	1	397
032518	6	24	709	685	3.4	16	9	157	1.67	801	8	2	10	92	7.1	425	4	15	.14	.021	21	47	.10	261	.01	5	.47	.01	.10	1	1583
032519	3	12	86	229	.6	11	9	538	2.53	1797	5	3	9	127	1.3	131	2	33	1.14	.022	19	36	.59	311	.01	2	.47	.01	.07	1	4576
032520	4	19	72	197	.1	11	10	829	3.42	490	5	2	16	154	1.4	44	2	60	2.09	.078	45	46	.95	639	.01	2	.65	.01	.12	1	848
032521	3	21	49	158	.2	11	9	763	2.90	127	5	ND	13	241	1.0	29	2	53	2.95	.070	42	39	1.21	1080	.01	2	.78	.01	.08	1	78
032522	3	11	22	71	.1	8	8	652	2.75	74	5	ND	10	202	.2	21	2	38	2.44	.066	27	25	.94	625	.01	3	.78	.01	.12	1	26
032523	3	11	28	77	.3	9	7	619	2.53	38	5	ND	9	154	.6	25	4	32	2.23	.077	23	28	.76	265	.01	6	1.36	.01	.24	1	8
032524	1	9	75	174	.1	7	7	767	2.98	33	5	ND	10	204	.9	12	2	35	2.70	.080	24	23	1.00	423	.04	6	1.61	.01	.31	1	4
032525	2	11	30	117	.1	8	7	683	2.83	42	5	ND	9	242	.7	18	2	31	2.73	.078	23	24	.87	284	.02	7	1.47	.02	.19	1	15
032526	2	14	28	114	.1	7	7	635	2.66	35	5	ND	11	288	.8	16	2	25	2.69	.071	23	19	.79	249	.01	8	1.25	.02	.22	1	18
032527	4	22	23	218	.2	32	10	488	2.85	34	5	ND	9	294	1.6	7	4	40	2.04	.065	23	23	.76	210	.01	9	1.09	.02	.27	1	14
032528	7	43	19	376	.3	66	15	262	3.15	67	5	ND	6	187	3.0	11	2	45	.95	.050	23	30	.56	83	.01	8	.72	.02	.34	1	6
032529	4	16	17	150	.1	13	8	498	2.82	59	5	ND	10	208	1.3	7	6	49	2.07	.080	26	47	1.03	328	.07	3	1.25	.03	.36	1	26
032530	3	19	18	235	.1	13	9	585	3.08	47	5	ND	11	249	2.6	13	2	48	2.43	.089	27	50	1.18	202	.10	3	1.24	.03	.42	1	7
032531	6	36	27	320	.6	44	12	380	2.86	339	5	ND	7	282	3.4	21	2	43	1.45	.065	19	48	.75	105	.03	6	.75	.02	.25	1	71
032532	7	42	23	345	.1	69	14	255	3.68	54	5	ND	5	191	2.6	4	2	43	.53	.033	23	24	.45	72	.01	8	.61	.01	.24	1	6
032533	8	39	15	352	.1	73	16	185	2.91	28	5	ND	6	121	2.4	4	5	45	.35	.027	30	17	.44	116	.01	8	.61	.01	.27	1	3
STANDARD C/AU-R	19	60	40	135	7.1	69	32	1079	3.92	42	16	7	41	52	18.9	14	22	54	.49	.087	40	57	.89	170	.08	33	1.88	.06	.15	11	460

GOLDEN BEAR 91-573

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
032534	7	21	36	311	.5	44	13	514	3.85	709	5	ND	12	151	.4	292	4	50	.04	.045	29	43	.03	869	.01	2	.77	.01	.06	1	730
032535	7	26	40	376	.3	59	14	726	4.28	770	5	ND	19	155	.6	254	5	38	.07	.054	55	38	.04	1052	.01	3	.72	.01	.16	1	210
032536	8	37	32	441	.1	79	16	853	4.44	574	5	ND	23	134	.9	214	5	22	.18	.093	79	32	.05	1046	.01	4	.57	.01	.18	1	38
032537	10	28	25	466	.1	75	22	992	4.33	361	5	ND	21	63	.8	151	6	21	.27	.106	81	32	.05	489	.01	5	.54	.01	.19	1	43
032538	12	33	34	468	.1	65	17	537	4.62	489	5	ND	21	131	1.0	198	3	23	.17	.099	83	36	.04	892	.01	2	.53	.01	.16	1	11
032539	10	35	27	398	.1	55	15	319	4.33	236	5	ND	23	72	1.2	105	3	28	.24	.109	84	38	.05	404	.01	4	.55	.01	.22	1	10
032540	13	34	39	388	.1	48	13	283	4.79	228	5	ND	23	144	.7	99	9	26	.13	.091	85	46	.05	861	.01	4	.75	.01	.21	1	8
032541	15	26	35	381	.1	46	14	552	4.82	433	5	ND	18	193	.9	118	2	40	.06	.072	60	41	.04	1205	.01	3	.75	.01	.14	1	14
032542	15	25	47	453	.1	81	16	4432	4.53	456	5	ND	12	172	1.7	84	5	46	.07	.060	42	49	.03	1688	.01	4	.80	.01	.09	1	22
032543	15	25	44	374	.1	52	26	4334	3.88	469	5	ND	13	169	1.2	65	8	57	.07	.062	45	45	.02	1691	.01	3	.73	.01	.04	1	5
032544	7	16	26	270	.1	42	24	1575	3.62	286	5	ND	15	79	.4	36	2	69	.37	.109	57	41	.24	1561	.04	2	1.20	.01	.23	1	23
032545	14	17	25	271	.3	47	15	462	4.31	293	5	ND	12	97	.7	48	4	48	.22	.084	50	31	.13	1082	.01	6	.88	.01	.24	1	19
032546	14	11	16	167	.1	34	11	508	4.11	166	5	ND	13	45	.5	39	9	25	.35	.111	50	15	.12	427	.01	4	.77	.01	.20	1	5
032547	13	14	20	122	.1	23	9	346	3.58	143	5	ND	14	36	.2	24	4	26	.31	.099	50	16	.10	371	.01	5	.74	.01	.22	1	4
032548	14	21	17	78	.2	18	9	517	3.74	135	8	ND	16	41	.4	28	4	37	.40	.108	50	19	.21	421	.01	3	.91	.01	.23	1	8
032549	4	10	12	189	.1	35	12	520	3.50	65	5	ND	10	57	.2	30	4	62	.44	.104	49	31	.89	1234	.01	3	1.77	.02	.10	1	4
032550	4	15	14	394	.1	49	14	371	3.82	157	5	ND	14	62	.4	57	3	61	.46	.115	65	32	.98	1235	.01	3	1.94	.02	.16	1	5
032551	3	15	23	322	.1	44	14	484	3.62	73	5	ND	14	64	.9	31	2	61	.51	.102	53	33	1.03	1201	.06	2	1.81	.03	.25	1	1
032552	2	13	14	282	.1	37	11	536	3.29	29	5	ND	14	73	2.1	20	3	63	.67	.088	44	40	1.14	958	.07	3	1.78	.04	.25	1	6
032553	2	11	18	206	.1	40	11	617	3.48	28	5	ND	15	57	.6	28	2	57	.52	.095	52	32	1.14	436	.03	4	1.96	.03	.21	2	6
032554	1	10	55	384	.2	45	10	658	3.50	24	5	ND	9	39	.6	35	6	47	.37	.099	43	28	.79	265	.02	3	1.60	.01	.19	1	4
032555	1	14	66	556	.4	80	20	993	3.60	51	5	ND	14	37	1.5	42	2	36	.33	.099	47	18	.49	496	.02	6	1.33	.01	.22	1	3
032556	4	17	33	567	.3	81	16	1222	3.86	95	5	ND	11	59	1.1	35	2	35	.31	.091	45	26	.15	676	.01	11	.82	.01	.25	1	8
032557	12	47	25	379	.5	97	16	205	3.29	46	5	ND	6	120	3.4	17	3	48	.14	.052	24	42	.12	120	.01	8	.49	.01	.21	2	1
032558	10	45	20	719	.4	119	19	503	3.48	30	5	ND	6	150	3.9	11	7	40	.29	.050	24	40	.31	119	.01	8	.43	.01	.20	1	1
032559	6	26	48	482	.1	64	18	1049	4.62	1059	5	ND	16	129	1.1	1567	9	57	.08	.066	43	43	.04	1092	.01	4	.97	.01	.09	1	1390
032560	5	21	39	415	.1	55	16	642	4.58	927	5	ND	12	125	1.0	940	2	58	.06	.048	36	42	.03	753	.01	3	.63	.01	.03	1	1250
032561	3	23	49	429	.2	57	14	576	3.72	589	5	ND	16	89	.9	603	2	59	.24	.081	40	33	.27	696	.04	2	.96	.01	.11	1	500
032562	2	19	44	472	.1	78	15	772	3.74	426	5	ND	14	56	1.2	434	2	70	.42	.111	47	46	.72	1067	.15	3	1.76	.02	.39	4	84
032563	6	22	57	299	.2	60	12	545	3.12	1162	5	ND	9	83	.7	529	6	26	.11	.053	36	20	.08	983	.01	11	.70	.01	.24	1	750
032564	7	20	41	496	.1	67	17	1208	4.40	760	5	ND	11	114	1.7	594	6	41	.06	.062	36	18	.04	1189	.01	8	.93	.01	.17	1	74
032565	5	13	27	450	.1	69	18	1083	4.45	611	5	ND	14	74	.8	399	2	55	.25	.087	41	25	.15	861	.02	3	1.09	.01	.19	1	51
032566	3	20	18	328	.1	57	15	937	3.69	389	5	ND	12	53	.5	212	2	46	.39	.102	45	22	.22	617	.03	3	1.32	.01	.19	1	104
032567	8	17	24	279	.3	49	15	1116	3.85	908	8	ND	15	86	1.0	195	3	38	.21	.093	52	22	.06	859	.01	5	.88	.01	.23	1	360
032568	15	33	35	343	.9	81	18	2354	4.30	4018	5	3	21	151	1.3	416	3	24	.19	.084	72	40	.04	1860	.01	6	.64	.01	.18	1	3660
032569	15	31	33	325	.1	74	17	2152	4.23	1706	5	ND	22	104	.3	194	9	21	.24	.092	70	44	.06	977	.01	7	.69	.01	.26	1	810
STANDARD C/AU-R	18	63	40	131	7.6	71	32	1060	3.94	39	21	7	41	52	18.8	14	18	56	.48	.089	40	57	.88	176	.09	32	1.94	.06	.15	11	460

GOLDEN BEAR 91-574

GOLDEN BEAR 91-575

JUL-24-1991 15:04 FROM ACME ANALYTICAL TO NORANDA YT P.004/007

GOLDEN BEAR 91-575

BOHEMIAN BEAR 91-576

BOHEMIAN BEAR 91-577

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
032570	13	17	29	400	.1	59	16	1988	4.33	539	5	ND	15	62	.9	78	2	33	.34	.115	53	29	.19	708	.01	4	1.17	.01	.20	1	163
032571	14	14	35	312	.1	50	15	1612	4.33	253	5	ND	15	38	.9	72	2	40	.37	.118	57	41	.21	514	.05	7	1.31	.01	.33	1	29
032572	14	20	43	337	.1	49	15	1320	4.24	317	5	ND	13	56	1.2	46	2	32	.27	.105	53	35	.06	595	.01	7	.83	.01	.22	1	33
032573	14	18	70	351	.1	47	17	1206	4.38	912	5	ND	13	139	1.0	64	2	35	.11	.077	48	38	.05	1122	.01	8	.89	.01	.19	1	110
032574	9	15	46	246	.2	41	12	870	4.32	1170	5	ND	9	136	1.2	41	2	28	.45	.057	43	37	.08	1015	.01	10	.91	.01	.20	1	350
032575	13	25	47	338	.2	49	12	786	4.69	472	5	ND	16	174	1.4	63	2	41	.33	.084	49	35	.09	1342	.01	8	1.18	.01	.22	1	29
032576	9	19	60	321	.1	41	11	847	4.40	434	5	ND	13	145	1.3	47	6	34	.42	.081	42	37	.10	1343	.01	8	.95	.01	.16	1	9
032577	9	20	85	402	.2	48	11	846	4.51	432	5	ND	15	130	1.3	60	2	37	.51	.093	47	28	.08	1057	.01	8	1.03	.01	.22	1	19
032578	11	11	60	400	.1	51	11	1143	4.73	426	5	ND	14	168	.7	103	2	41	.36	.081	50	43	.11	1281	.01	11	1.23	.01	.24	1	39
032579	7	12	42	354	.3	46	13	1199	4.24	385	5	ND	12	142	1.1	81	2	36	.69	.050	35	33	.29	1286	.01	9	.97	.01	.20	1	42
032580	8	28	67	361	.3	50	11	873	3.67	183	5	ND	7	99	1.2	44	2	66	.25	.060	35	23	.11	1010	.01	12	1.01	.01	.27	1	29
032581	10	29	44	165	.1	26	5	483	2.54	160	5	ND	6	95	.7	39	2	70	.15	.041	35	22	.09	1623	.01	13	.89	.01	.27	1	20
032582	7	40	30	443	.1	88	20	526	3.66	103	5	ND	7	103	1.7	20	2	43	.22	.046	35	28	.49	88	.01	9	.83	.01	.31	1	13
032583	2	26	72	127	.4	16	8	1218	3.01	170	8	ND	9	288	1.3	20	2	15	4.33	.070	31	33	.98	403	.01	8	.70	.01	.22	1	35
032584	1	44	175	380	1.4	24	8	1500	2.12	88	5	ND	5	284	3.7	35	2	15	4.39	.017	17	27	1.49	374	.01	8	.53	.01	.20	1	4
032585	1	44	41	271	.7	36	12	1244	2.66	108	20	ND	9	216	1.5	25	2	17	3.23	.055	27	26	.77	489	.01	12	.73	.01	.30	1	5
032586	2	22	27	150	.1	24	11	1225	3.58	137	5	ND	10	228	.9	17	2	18	3.48	.099	38	27	.56	366	.01	10	.85	.01	.18	1	14
032587	2	21	29	348	.1	39	16	1340	4.61	1718	5	ND	14	117	.9	25	2	28	1.18	.113	48	27	.22	385	.01	10	.94	.01	.25	1	460
032588	1	47	36	286	.3	34	12	1025	2.70	181	5	ND	7	139	1.8	22	2	18	2.43	.056	34	28	.93	443	.01	11	.69	.01	.24	1	22
032589	2	44	28	170	.3	32	10	731	2.81	51	5	ND	4	224	1.4	18	2	13	1.43	.061	23	31	.75	727	.01	18	.67	.01	.31	1	10
032590	1	40	24	63	.1	13	5	164	1.32	30	5	ND	5	102	.6	10	2	8	.21	.027	21	20	.15	532	.01	18	.60	.01	.27	1	5
032591	1	63	15	125	.1	25	10	319	2.54	25	11	ND	8	64	.8	11	2	9	.14	.025	25	23	.12	522	.01	19	.71	.01	.37	1	1
032592	3	71	20	117	.1	34	12	590	2.79	29	5	ND	6	144	.3	13	2	8	.67	.031	25	19	.39	648	.01	14	.64	.01	.35	1	2
032593	1	39	12	85	.3	21	8	1040	2.59	19	12	ND	5	262	.7	11	2	9	8.44	.015	15	13	3.97	405	.01	13	.47	.01	.24	1	1
032594	3	34	28	149	.1	25	10	1448	3.11	247	5	ND	4	244	.8	17	2	21	5.42	.027	15	55	2.41	557	.01	9	.62	.01	.15	1	24
032595	3	28	31	236	.1	25	15	1331	3.62	504	10	ND	13	195	1.0	11	2	41	2.41	.052	31	51	.69	738	.01	6	.89	.01	.15	1	95
032596	1	30	23	212	.1	24	11	950	2.70	45	5	ND	8	216	.9	12	2	27	6.21	.066	24	26	2.74	333	.01	9	.70	.01	.20	1	18
032597	4	32	24	294	.1	23	8	1039	2.63	177	6	ND	4	387	.6	7	2	9	10.67	.025	11	55	4.75	245	.01	13	.48	.01	.22	1	5
032598	8	43	19	327	.1	43	14	1054	2.91	131	11	ND	4	341	.7	19	2	13	6.56	.038	15	34	3.00	503	.01	16	.61	.01	.27	1	7
032599	3	52	13	72	.3	10	2	66	1.05	95	5	ND	4	386	.5	9	3	13	.23	.077	17	41	.11	522	.01	14	.50	.01	.24	1	17
032600	4	28	13	28	.2	5	1	27	1.02	54	5	ND	2	337	.2	5	2	22	.12	.105	15	45	.06	719	.01	14	.43	.01	.21	1	21
032601	3	59	12	70	.6	14	4	59	1.54	43	5	ND	2	246	.2	13	3	17	.29	.084	11	30	.08	382	.01	15	.47	.01	.24	1	16
032602	4	25	19	201	.1	59	16	552	3.37	67	5	ND	9	92	1.6	8	2	43	.51	.086	41	29	.16	1216	.01	7	.83	.01	.20	1	7
032603	4	17	78	113	.1	9	4	255	3.05	443	5	ND	10	181	.2	30	2	43	.07	.046	38	31	.05	999	.01	8	.72	.01	.17	1	8
032604	3	30	46	247	.1	17	11	615	3.88	339	5	ND	12	155	.5	5	2	49	.03	.035	37	38	.04	685	.01	15	1.02	.01	.14	1	1
032605	3	11	81	78	.4	8	5	246	2.60	830	5	ND	13	173	.2	56	5	35	.05	.039	49	33	.04	720	.01	7	.79	.01	.17	1	95
STANDARD C/AU-R	19	62	39	142	7.3	71	32	1123	4.05	43	19	7	40	53	17.0	17	21	58	.49	.092	39	59	.89	179	.09	36	1.96	.06	.15	12	450

JUL-24-1991 15:02 FROM ACME ANALYTICAL TO NORANDA YT P.003/007

BOHEMIAN BCRE 91-577

BOHEMIAN BCRE 91-578

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
032606	4	15	399	65	2.3	7	5	40	1.77	304	5	ND	11	81	1.3	128	2	14	.04	.025	25	35	.04	118	.01	7	.71	.01	.18	2	124
032607	3	34	105	329	1.1	23	11	888	3.95	774	5	ND	8	163	4.2	45	2	25	1.35	.031	12	35	.65	138	.01	11	1.13	.01	.27	2	149
032608	3	21	297	478	2.6	18	10	1304	3.40	754	5	ND	9	229	5.0	163	2	16	1.95	.037	13	28	.90	105	.01	8	.77	.01	.22	2	109
032609	2	15	262	409	2.0	20	9	1320	3.26	1025	5	ND	10	237	6.0	157	2	21	2.01	.037	16	23	.70	114	.01	8	.77	.01	.19	2	390
032610	3	16	76	272	1.1	15	9	1054	2.88	1937	5	ND	10	203	2.3	85	2	30	1.94	.035	18	28	.71	139	.01	6	.86	.01	.16	1	1740
032611	2	14	62	184	.7	12	8	1061	2.97	1510	5	ND	12	251	.6	854	2	33	2.54	.035	19	24	.86	227	.01	5	.78	.01	.14	2	830
032612	2	25	249	343	2.9	23	8	1312	3.07	958	5	ND	11	280	2.9	208	2	39	2.30	.051	19	31	.82	152	.01	4	.80	.01	.12	2	220
032613	10	99	46	543	4.1	125	9	406	2.10	867	5	ND	3	409	3.0	66	2	125	1.83	.638	14	99	.51	77	.01	8	1.31	.01	.21	3	167
032614	11	36	276	647	4.7	50	5	531	1.59	523	6	ND	2	249	10.1	197	2	101	.58	.167	6	92	.23	127	.01	6	.51	.01	.07	6	540
032615	4	33	443	2171	3.2	14	8	1877	2.85	2034	5	ND	7	171	30.5	236	2	27	1.91	.033	12	49	.76	86	.01	9	.64	.01	.15	12	1820
032616	4	28	979	6752	3.5	15	9	2426	3.72	1220	5	ND	11	187	95.5	271	2	25	1.88	.078	17	40	.71	81	.01	13	.74	.01	.20	24	960
032617	4	129	4639	26002	18.3	12	9	2331	4.07	1507	13	2	13	223	360.3	1779	5	20	2.40	.076	16	29	.91	70	.01	21	.60	.01	.17	1	740
032618	3	19	498	974	2.9	11	8	2007	3.05	2649	5	2	11	226	11.5	207	2	23	2.71	.076	22	34	.99	74	.01	10	.65	.01	.17	6	2370
032619	3	15	277	1045	1.3	13	8	1736	2.86	934	5	ND	14	212	12.8	95	2	39	2.25	.088	33	39	.93	139	.06	6	.91	.01	.32	6	300
032620	2	18	43	166	.3	12	8	631	3.44	136	5	ND	16	120	.8	37	2	84	1.75	.090	45	52	1.15	324	.27	3	2.09	.05	.92	1	72
032621	3	15	37	140	.3	11	7	575	3.22	56	5	ND	15	111	.6	20	2	78	1.96	.094	41	46	1.00	433	.20	2	1.81	.04	.72	1	19
032622	2	19	61	199	.3	12	9	823	2.95	206	5	ND	15	105	1.1	38	2	49	2.49	.087	40	36	.87	322	.01	4	.83	.01	.12	1	10
032623	2	18	25	181	.2	14	10	833	3.82	121	5	ND	16	90	.4	24	2	62	2.00	.094	43	33	.88	448	.01	3	.84	.01	.09	1	1
032624	3	8	46	143	.2	14	9	1806	3.47	240	5	ND	12	153	.2	22	2	48	2.65	.033	18	36	1.06	722	.01	3	.85	.01	.10	1	12
032625	5	14	137	617	.6	14	9	1485	3.39	339	5	ND	13	160	6.5	58	2	52	2.44	.043	21	53	.96	861	.01	4	1.04	.01	.13	4	115
032626	6	16	73	151	.3	15	10	1704	3.47	669	5	ND	12	181	.7	45	2	42	2.44	.032	18	68	.91	709	.01	6	.92	.01	.16	1	96
032627	5	23	49	179	.5	21	10	1412	3.11	448	5	ND	9	185	1.1	50	2	38	2.64	.029	15	52	1.05	564	.01	7	.81	.01	.17	1	49
032628	35	33	76	366	.9	70	8	880	2.31	235	5	ND	4	285	1.5	47	2	87	2.58	.015	15	86	1.16	197	.01	8	.45	.01	.14	1	37
032629	10	32	30	132	.7	37	9	887	3.85	149	5	ND	5	245	.5	31	2	30	3.67	.018	10	45	1.71	63	.01	10	.51	.01	.20	1	26
032630	2	19	179	442	1.3	26	15	1598	3.40	1199	5	ND	13	204	2.4	710	2	28	1.46	.051	24	13	.28	867	.01	11	1.02	.01	.22	2	640
032631	6	16	55	193	1.2	20	8	1092	2.13	1934	5	ND	7	215	1.1	247	2	43	1.59	.034	17	54	.28	163	.01	8	.84	.01	.19	1	1820
032632	28	139	40	862	2.6	95	7	769	1.71	568	7	ND	4	397	13.2	242	2	382	3.62	.862	20	110	.46	114	.01	17	1.05	.01	.25	5	103
032633	20	168	177	580	3.0	108	7	742	1.95	367	5	ND	3	398	6.4	213	2	274	4.96	.858	23	180	.76	116	.01	24	1.16	.01	.28	3	37
032634	6	50	45	501	.8	62	13	1238	3.44	282	5	ND	6	207	2.5	210	2	39	4.81	.188	17	45	1.90	103	.01	24	.88	.01	.34	2	41
032635	8	55	136	345	.9	59	14	418	2.64	291	5	ND	8	71	1.3	188	2	40	.33	.028	20	42	.16	812	.01	19	.82	.01	.32	2	57
032636	8	38	75	267	.9	30	9	534	2.02	162	5	ND	7	387	1.8	83	2	53	.53	.172	18	30	.25	2927	.01	15	1.06	.01	.34	1	36
032637	10	41	179	619	.8	40	15	1227	3.78	708	5	ND	11	220	8.8	83	2	107	.70	.064	20	40	.21	1413	.01	8	1.08	.01	.19	4	54
032638	3	18	67	238	.5	21	12	1614	3.83	461	5	ND	12	206	.9	79	2	40	2.36	.032	15	32	.79	514	.01	6	.79	.01	.17	1	54
032639	5	20	416	325	1.6	22	12	1642	3.88	278	5	ND	13	190	2.1	100	2	40	1.79	.049	20	48	.66	626	.01	5	.96	.01	.16	1	48
032640	3	13	72	299	.3	20	11	1919	3.60	265	5	ND	13	175	1.3	106	2	51	1.56	.043	19	24	.63	976	.01	5	1.08	.01	.13	1	28
032641	5	15	527	582	1.6	24	14	2119	4.19	293	5	ND	12	147	5.1	70	2	52	1.22	.038	18	46	.48	862	.01	6	1.09	.01	.08	2	24
STANDARD C/AU-R	18	56	40	131	6.9	69	33	1039	3.92	40	15	7	39	52	19.0	15	17	55	.48	.090	38	58	.88	175	.09	34	1.87	.06	.15	12	480

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
032642	4	60	130	764	.9	34	16	1691	4.56	384	5	ND	15	190	4.7	54	2	58	1.54	.092	39	44	.55	1177	.01	4	1.27	.01	.09	1	29
032643	3	22	569	553	1.9	36	15	1075	4.93	376	5	ND	18	167	1.8	43	2	66	.64	.097	42	36	.28	1326	.01	3	1.30	.01	.04	1	34
032644	4	16	202	267	.8	15	9	890	3.93	274	5	ND	15	194	2.1	35	2	58	2.16	.095	40	41	.90	997	.01	5	1.42	.01	.09	1	11
032645	3	17	68	368	.5	20	10	1193	3.70	480	5	ND	15	153	2.5	37	2	52	1.99	.086	34	39	.93	726	.01	4	.98	.01	.09	1	34
032646	5	16	44	283	.5	20	10	1585	3.73	715	5	ND	13	205	3.5	29	2	44	2.40	.040	23	54	1.02	611	.01	5	.95	.01	.11	1	240
032647	4	14	57	168	.5	14	9	1129	3.12	516	5	ND	12	195	.9	26	2	37	2.13	.034	19	37	.94	664	.01	5	.77	.01	.13	1	390
032648	5	15	43	125	.8	16	9	1339	3.14	965	5	ND	9	163	.6	34	2	42	1.95	.032	15	55	.69	525	.01	5	.70	.01	.11	1	1070
032649	4	17	22	87	.7	18	8	1113	3.17	1402	5	ND	7	187	.6	27	2	31	2.00	.040	16	31	.70	356	.01	7	.76	.01	.18	1	1570
032650	4	15	69	97	.6	13	8	935	3.49	523	5	ND	11	242	.5	28	2	27	2.78	.064	24	34	1.02	637	.01	7	.84	.01	.19	1	65
032651	3	12	38	124	.4	12	8	1179	3.69	194	5	ND	11	282	.8	35	2	19	3.22	.044	27	32	1.21	656	.01	7	.76	.01	.19	1	14
032652	4	13	35	109	.3	10	7	1124	3.43	196	5	ND	10	272	.9	17	2	19	2.93	.059	27	33	1.06	643	.01	8	.79	.01	.19	1	16
032653	4	38	71	169	.8	15	7	521	2.67	176	5	ND	6	272	1.1	33	2	19	1.92	.093	20	43	.62	172	.01	9	.73	.01	.18	1	9
032654	4	60	92	179	1.3	28	7	559	2.69	531	5	ND	4	272	1.1	43	2	22	1.66	.055	12	34	.64	156	.01	8	.71	.01	.19	1	200
032655	2	41	37	186	.8	19	7	980	2.60	526	5	ND	3	344	.7	29	2	16	3.36	.028	10	22	1.55	145	.01	8	.53	.01	.18	1	190
032656	2	43	35	81	.5	19	7	644	2.37	676	5	ND	4	196	.5	36	2	13	3.16	.025	11	23	1.58	103	.01	9	.54	.01	.19	1	320
032657	1	25	13	49	.2	16	5	769	2.26	78	5	ND	5	287	.6	22	2	10	8.71	.017	10	12	4.54	87	.01	10	.45	.01	.22	1	12
STANDARD C/AU-R	18	60	39	138	7.3	70	32	1043	4.02	39	18	7	39	52	17.2	15	21	55	.50	.089	38	59	.88	179	.09	32	1.91	.07	.15	13	450

BOHEMIAN
BORE 91-578

JUL-24-1991 15:42 FROM ACME ANALYTICAL TO NORANDA 11 P.002/002

2X3 m chip road to BC zone

BCRC 91-579 PACIFIC.

BCRC 91-580 PACIFIC

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	Hg ppb
R146140	3	25	44	1148	1.1	28	15	2201	3.46	1639	5	ND	11	188	34.2	32	2	19	1.32	.045	18	21	.37	331	.01	15	1.02	.01	.51	1	360	1450
R146141	2	23	797	588	3.7	20	10	995	2.86	665	5	ND	11	127	20.7	112	2	12	.68	.047	19	14	.17	643	.01	13	.74	.01	.28	1	220	4700
033902 DR	13	27	23	174	.6	69	11	1058	1.28	314	5	ND	4	43	1.3	848	2	15	.09	.032	6	99	.03	634	.01	5	.29	.01	.10	2	134	1150
033903 DR	14	91	33	435	.7	121	23	1518	3.87	802	5	ND	11	61	1.1	535	2	45	.07	.047	21	82	.04	973	.01	5	.62	.01	.13	2	260	1600
RE 033908 DR	12	26	10	165	1.0	35	6	102	1.97	623	5	ND	3	40	.2	800	2	15	.05	.030	6	100	.02	527	.01	7	.31	.01	.10	1	139	745
033904 DR	16	54	48	612	.8	155	34	2958	5.66	833	5	ND	22	85	1.3	278	2	58	.10	.059	47	49	.06	1516	.01	8	.89	.01	.17	1	200	2600
033905 DR	22	33	16	262	.8	109	27	2535	2.38	426	5	ND	6	53	.3	193	2	26	.06	.029	16	122	.04	1083	.01	8	.54	.01	.15	1	210	2200
033906 DR	13	24	14	116	.3	39	14	719	1.06	177	5	ND	3	30	.2	142	2	11	.03	.016	8	113	.02	523	.01	6	.28	.01	.11	1	94	1300
033907 DR	11	16	16	89	.8	21	5	144	1.03	241	5	ND	4	40	.2	190	3	11	.08	.038	7	108	.02	470	.01	5	.26	.01	.10	2	130	1250
033908 DR	11	23	13	152	1.2	34	5	87	1.84	588	5	ND	4	39	.2	748	3	14	.05	.029	6	94	.02	496	.01	5	.29	.01	.09	1	125	845
033909 DR	14	21	17	195	.9	52	8	120	2.14	799	6	ND	3	31	.5	1144	2	12	.06	.029	6	110	.03	519	.01	6	.28	.01	.10	1	89	880
033910 DR	23	103	48	493	1.4	141	18	202	5.60	1691	5	ND	6	59	1.1	2676	2	52	.11	.070	10	119	.04	725	.01	4	.54	.01	.13	1	157	1500
033911 DR	13	37	17	135	1.5	43	7	91	1.68	334	5	ND	6	120	.5	537	3	90	.14	.047	8	99	.04	1689	.01	9	.59	.01	.17	1	134	5700
033912 DR	13	22	13	78	.6	23	3	48	.81	107	5	ND	2	79	.6	157	2	64	.12	.018	2	107	.03	1265	.01	8	.31	.01	.12	1	26	7000
033913 DR	12	15	10	64	.5	17	3	33	.50	68	6	ND	2	79	.7	68	2	72	.12	.014	3	86	.03	1541	.01	12	.28	.01	.11	1	29	6750
033914 DR	17	25	20	114	.6	25	3	49	1.08	103	6	ND	3	150	1.1	99	2	105	.15	.034	5	75	.04	845	.01	15	.40	.01	.18	1	22	8050
033915 DR	18	27	17	124	.8	27	3	53	1.15	113	5	ND	3	170	1.7	114	2	106	.16	.039	6	68	.04	801	.01	12	.41	.01	.18	1	23	8250
033916 DR	16	58	19	75	1.3	18	3	30	1.00	208	6	ND	3	218	2.0	116	3	140	.11	.053	9	70	.04	839	.01	13	.43	.01	.18	1	139	8400
033917 DR	13	114	43	132	5.8	36	8	118	3.09	99	5	ND	8	419	2.2	152	3	199	.31	.227	26	69	.11	343	.01	22	1.16	.01	.40	3	177	11000
033918 DR	12	87	29	115	4.2	27	7	147	2.94	102	5	ND	5	371	2.2	126	2	142	.35	.176	20	50	.13	253	.01	21	1.06	.01	.44	3	166	10500
033919 DR	11	101	26	192	3.9	55	8	239	3.09	105	5	ND	5	437	3.0	117	2	140	.55	.196	20	41	.23	227	.01	24	1.49	.01	.48	3	148	10500
033920 DR	12	88	18	165	2.8	40	8	298	2.76	95	5	ND	4	400	3.6	104	2	132	.67	.195	16	48	.28	254	.01	23	1.15	.01	.44	2	90	8600
033921 DR	11	37	36	532	1.1	81	20	1046	3.49	1813	5	ND	13	105	13.5	324	2	67	.17	.069	36	33	.05	1716	.01	7	.57	.01	.15	2	1220	3150
033922 DR	22	72	39	925	.9	174	36	1929	5.05	1314	5	ND	10	92	10.9	242	2	95	.16	.084	24	171	.07	1468	.01	10	.85	.01	.19	3	630	3800
033923 DR	60	75	35	1757	1.5	526	86	8622	13.12	1933	5	ND	14	144	13.0	795	2	115	.24	.203	29	143	.09	2331	.01	3	1.00	.01	.17	3	290	6450
033924 DR	24	36	14	754	.9	206	22	1206	6.12	858	5	ND	4	91	3.9	416	2	71	.17	.081	7	66	.04	1043	.01	9	.51	.01	.16	3	250	5450
033925 DR	21	32	23	539	.8	107	18	1083	4.38	639	5	ND	5	88	2.3	156	2	46	.18	.051	6	56	.07	995	.01	10	.65	.01	.28	1	141	2850
033926 DR	26	35	19	424	1.2	84	13	868	3.48	427	5	ND	3	124	3.3	131	2	87	.32	.089	7	63	.10	1589	.01	17	.63	.01	.22	2	68	3300
033927 DR	28	38	28	302	1.1	73	10	680	2.96	597	5	ND	4	144	4.9	138	2	153	.27	.061	8	51	.06	836	.01	7	.43	.01	.19	1	78	6150
033928 DR	23	64	38	800	2.1	119	16	807	4.46	1866	5	ND	11	234	11.8	349	2	239	.26	.122	25	53	.06	1395	.01	7	.75	.01	.17	1	670	6300
033929 DR	16	70	41	1157	1.7	139	22	907	4.80	2553	5	ND	16	193	12.1	287	2	144	.26	.152	38	49	.07	1426	.01	4	.87	.01	.17	1	970	6200
033930 DR	23	138	18	508	5.7	99	11	463	3.01	629	9	ND	6	604	12.9	624	2	480	.83	.405	19	134	.08	2270	.01	14	1.05	.01	.21	2	230	22000
033931 DR	19	122	32	791	4.4	128	14	1007	5.04	748	5	ND	6	462	14.4	249	2	180	.50	.296	15	106	.08	777	.01	13	.94	.01	.23	2	300	6000
033932 DR	21	79	22	470	2.1	90	11	847	2.98	416	5	ND	3	302	10.4	161	2	175	.44	.220	11	150	.07	1086	.01	10	.67	.01	.19	1	154	5550
033933 DR	18	109	20	659	3.3	110	12	435	3.88	469	7	ND	7	494	12.8	154	2	260	1.35	.591	20	88	.10	935	.01	24	1.21	.01	.39	1	145	6600
033934 DR	9	63	18	535	1.1	76	12	601	2.88	250	5	ND	4	190	6.3	95	2	95	1.33	.130	9	35	.58	866	.01	19	.69	.01	.28	1	76	2850
033935 DR	10	56	16	435	.8	57	11	499	2.34	177	5	ND	4	110	3.6	73	2	49	1.31	.056	6	30	.61	792	.01	16	.63	.01	.28	1	44	2200
STANDARD C/AU-R	20	61	40	130	7.3	69	32	1073	3.92	42	16	6	39	52	18.8	15	22	58	.47	.089	40	57	.86	176	.09	34	1.86	.07	.15	11	460	1600

Samples beginning 'RE' are duplicate samples.

BERC 91-580

BERC 91-581 PACIFIC

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	Hg ppb
033936 DR	6	47	11	526	.5	51	9	689	2.43	108	5	ND	2	68	2.3	52	2	21	1.62	.027	4	9	.68	526	.01	12	.43	.01	.20	2	48	980
033937 DR	6	47	7	621	.5	60	9	856	2.76	126	5	ND	1	105	2.5	58	2	28	1.67	.046	4	12	.69	697	.01	12	.50	.01	.23	3	50	1150
033938 DR	5	47	6	490	.3	53	8	1090	2.72	110	5	ND	1	125	2.5	61	2	29	2.18	.041	4	10	.87	867	.01	10	.46	.01	.22	2	51	1100
033939 DR	3	36	4	199	.2	30	12	1795	1.83	34	5	ND	1	123	1.3	38	2	11	3.28	.018	3	7	1.41	918	.01	14	.46	.01	.25	1	14	440
033940 DR	4	39	11	224	.3	31	9	812	2.12	41	5	ND	1	191	1.4	41	2	16	3.21	.031	4	117	1.35	556	.01	12	.38	.01	.19	1	27	815
033941 DR	5	45	7	249	.6	34	9	684	2.05	55	5	ND	2	184	1.6	38	2	21	2.99	.037	4	19	1.28	531	.01	12	.43	.01	.21	1	22	1400
033942 DR	4	59	4	196	.2	30	8	495	1.97	33	5	ND	1	211	1.1	27	2	15	2.67	.034	4	17	1.14	583	.01	12	.46	.01	.23	1	17	610
033943 DR	32	58	17	1186	.6	153	10	297	4.64	448	5	ND	3	58	10.5	85	2	90	.19	.071	6	8	.06	1448	.01	10	.59	.01	.19	6	60	3600
033944 DR	25	26	11	650	1.1	89	7	191	2.27	283	5	ND	1	86	7.6	81	2	81	.22	.046	3	29	.07	2585	.01	10	.40	.01	.12	3	63	5350
033945 DR	34	44	22	1851	1.1	338	20	1208	5.90	1075	8	ND	6	64	29.4	420	2	120	.13	.122	15	1	.05	2975	.01	7	.61	.01	.12	10	460	2900
033946 DR	29	30	10	1245	1.2	240	17	1321	3.86	528	5	ND	1	53	18.2	448	2	54	.08	.090	5	93	.02	1205	.01	3	.33	.01	.07	6	210	2050
033947 DR	21	23	8	1157	.7	204	14	827	3.22	239	5	ND	1	108	12.4	399	2	50	.29	.190	8	78	.02	1334	.01	8	.29	.01	.06	6	65	1800
033948 DR	21	39	12	1060	.9	166	10	458	3.55	161	5	ND	1	141	11.2	354	2	64	.25	.205	9	63	.03	2684	.01	6	.37	.01	.07	6	91	2500
033949 DR	11	24	16	441	.6	68	5	292	1.54	80	5	ND	1	116	6.5	103	2	41	.20	.124	6	44	.03	1815	.01	8	.32	.01	.10	2	59	2800
033950 DR	11	25	15	357	.4	42	3	234	1.24	74	5	ND	2	65	3.7	40	2	28	.15	.045	6	49	.05	1262	.01	11	.45	.01	.16	2	51	2700
033951 DR	12	78	11	942	.1	74	8	291	2.15	112	5	ND	3	27	3.4	34	2	17	.08	.026	6	5	.05	762	.01	10	.70	.01	.21	5	24	1200
033952 DR	18	46	6	822	.2	64	13	550	2.35	95	5	ND	2	28	2.6	26	2	10	.34	.023	5	5	.15	374	.01	9	.44	.01	.19	3	20	720
033953 DR	13	37	5	577	.1	49	8	534	2.17	55	5	ND	1	55	1.9	25	2	11	1.36	.020	3	11	.62	356	.01	12	.45	.01	.22	2	10	435
033954 DR	14	39	3	516	.2	48	7	280	1.90	60	5	ND	2	40	2.0	27	2	11	.50	.021	4	15	.25	343	.01	11	.42	.01	.20	2	29	500
033955 DR	9	35	8	466	.2	44	9	624	2.17	32	5	ND	2	112	2.8	31	2	10	3.55	.019	4	5	1.54	809	.01	11	.39	.01	.22	2	13	900
033956 DR	14	51	6	596	.1	59	12	484	1.96	31	5	ND	1	47	2.2	31	2	12	.90	.021	4	11	.42	534	.01	9	.40	.01	.21	2	12	1000
033957 DR	4	54	5	340	.2	30	7	826	2.29	24	5	ND	1	103	1.3	25	2	9	3.51	.017	4	9	1.32	513	.01	10	.38	.01	.22	1	7	530
033958 DR	7	32	4	409	.1	39	8	737	2.22	24	5	ND	1	93	3.7	26	2	10	1.59	.016	4	15	.75	405	.01	14	.46	.01	.24	1	9	735
033959 DR	9	39	9	524	.3	51	8	419	2.02	35	5	ND	2	145	3.3	41	2	18	1.56	.036	4	13	.75	692	.01	15	.41	.01	.20	2	14	1600
033960 DR	8	36	14	391	.2	35	6	357	2.12	27	5	ND	1	132	1.3	32	2	13	2.37	.027	3	14	1.12	520	.01	12	.36	.01	.21	1	12	1650
033961 DR	7	35	7	411	.3	47	10	626	2.71	33	9	ND	1	151	1.5	32	2	15	5.68	.026	4	11	2.62	367	.01	12	.41	.01	.22	2	6	940
RE 033957 DR	4	54	4	339	.2	31	7	827	2.29	24	5	ND	1	104	1.3	24	2	9	3.56	.017	4	10	1.35	514	.01	11	.38	.01	.22	1	9	515
033962 DR	5	30	9	248	.3	42	9	490	2.41	21	8	ND	2	115	1.1	30	2	12	4.79	.016	5	14	2.23	335	.01	16	.43	.01	.24	1	10	735
033963 DR	5	32	7	277	.2	39	8	568	2.38	24	8	ND	2	135	1.6	27	2	12	5.13	.016	4	10	2.32	410	.01	11	.35	.01	.19	1	8	700
033964 DR	7	38	10	310	.2	53	10	458	2.33	20	5	ND	2	101	1.1	22	2	16	4.08	.018	4	17	1.99	306	.01	10	.45	.01	.24	1	6	1750
033965 DR	7	48	11	358	.4	56	11	338	2.28	24	5	ND	2	77	1.7	29	2	15	2.12	.020	5	15	1.07	430	.01	12	.46	.01	.23	1	11	1900
033966 DR	5	32	7	312	.2	34	7	348	2.07	20	5	ND	2	86	2.1	20	2	11	2.45	.035	4	14	1.18	252	.01	14	.38	.01	.19	1	7	565
033967 DR	5	37	11	331	.2	40	10	436	1.96	28	5	ND	2	109	1.8	28	2	17	3.53	.025	5	17	1.76	261	.01	13	.48	.01	.24	1	9	790
STANDARD C/AU-R	18	56	36	132	6.9	70	33	1039	3.93	39	16	8	36	53	18.4	14	19	54	.48	.090	37	58	.88	175	.09	34	1.88	.06	.15	11	450	1500

Samples beginning 'RE' are duplicate samples.

TOTAL P.005

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	Hg ppb
033048	6	33	14	77	1.1	48	14	420	3.12	275	5	ND	2	138	.2	86	2	17	1.66	.011	6	59	.88	74	.01	6	.39	.01	.15	1	220	1400
033049	6	28	36	88	.6	28	11	56	1.63	278	5	ND	3	27	.3	82	2	9	.12	.004	5	41	.05	85	.01	7	.35	.01	.18	1	82	1700
033050	7	32	28	89	1.0	35	13	70	2.18	272	5	ND	4	30	.3	58	2	10	.13	.004	8	43	.05	80	.01	9	.42	.01	.23	1	12	2200
033051	6	41	25	153	1.4	48	18	597	3.59	1523	5	ND	7	229	.6	64	2	30	2.14	.012	21	61	.89	55	.01	6	.49	.01	.19	1	930	3400
033052	9	26	14	134	2.7	41	11	294	2.15	212	5	ND	3	160	1.0	1349	2	16	.79	.009	7	81	.35	34	.01	6	.42	.01	.17	1	280	1450
RE 033972	3	47	18	184	.3	51	16	237	3.45	95	5	ND	5	32	.4	57	2	19	.12	.029	7	1	.11	1256	.01	8	.78	.01	.27	1	39	655
033968	15	43	11	164	.3	70	14	168	4.32	216	5	ND	5	41	.2	118	2	30	.12	.036	25	51	.07	1093	.01	3	.63	.01	.18	1	44	175
033969	6	42	17	215	.2	90	24	461	3.78	191	5	ND	6	32	.5	88	2	33	.15	.035	29	25	.12	1079	.01	5	.92	.01	.22	1	14	205
033970	3	50	25	168	.4	53	16	177	3.54	123	5	ND	5	37	.4	62	2	20	.13	.030	12	5	.10	1010	.01	8	.78	.01	.28	1	3	180
033971	3	52	21	178	.3	53	17	202	3.44	55	5	ND	5	37	.4	58	2	18	.14	.029	7	1	.12	1168	.01	5	.85	.01	.29	1	35	270
033972	3	48	18	187	.3	52	16	239	3.49	95	5	ND	5	32	.4	57	2	19	.12	.030	7	1	.11	1246	.01	6	.77	.01	.27	1	26	585
033972 (D)	3	47	18	187	.3	52	16	239	3.47	96	5	ND	5	32	.5	65	2	20	.12	.029	6	1	.11	1287	.01	5	.82	.01	.29	1	15	475
033973	3	51	26	219	.3	52	16	258	3.57	71	5	ND	4	32	.6	53	2	21	.09	.026	6	2	.07	994	.01	6	.63	.01	.28	1	8	625
033974	3	50	18	208	.3	51	16	270	3.42	113	5	ND	4	43	.6	82	2	21	.08	.018	7	2	.06	1046	.01	5	.60	.01	.26	1	3	400
033975	3	51	20	204	.3	56	17	323	4.00	172	5	ND	4	58	.4	129	2	19	.08	.022	7	5	.06	843	.01	6	.57	.01	.25	1	18	725
033976	2	47	18	193	.3	48	15	297	4.18	47	5	ND	4	41	.3	72	2	19	.09	.030	6	3	.06	826	.01	6	.60	.01	.28	1	11	605
033977	2	48	20	214	.2	54	17	293	3.96	19	5	ND	4	26	.6	50	2	18	.10	.038	6	4	.06	636	.01	5	.60	.01	.27	1	1	720
033978	6	46	21	165	.4	34	11	113	3.26	43	5	ND	4	39	.2	293	2	19	.11	.028	6	5	.05	593	.01	7	.61	.01	.28	1	16	885
033979	12	62	16	251	.3	44	15	167	3.68	322	5	ND	3	49	.2	645	3	22	.11	.028	5	14	.05	818	.01	8	.72	.01	.28	1	27	725
033980	11	37	21	154	1.0	35	11	130	3.94	1209	5	ND	2	94	.2	2741	2	40	.11	.025	6	26	.05	533	.01	8	.61	.01	.25	1	1370	1950
033981	7	55	46	55	8.6	8	5	50	1.51	539	5	ND	1	46	.3	25640	6	25	.05	.012	4	64	.03	89	.01	8	.46	.01	.16	1	480	2800
033982	3	34	29	17	6.9	4	1	37	.63	175	5	ND	4	40	.2	7830	2	22	.09	.010	16	34	.03	401	.01	8	.39	.01	.19	1	410	2550
033983	9	15	24	14	2.5	5	1	31	.98	337	5	ND	5	50	.2	959	2	17	.06	.009	13	81	.03	387	.01	8	.33	.01	.22	1	460	495
033984	13	13	13	17	2.5	6	1	40	.62	194	5	ND	3	40	.2	442	2	15	.04	.009	11	123	.02	323	.01	8	.28	.01	.11	1	104	1800
033985	14	12	10	10	1.6	6	1	55	.48	124	5	ND	3	33	.2	148	2	17	.03	.010	10	142	.01	323	.01	5	.26	.01	.10	1	250	1400
033986	16	14	13	11	1.1	5	2	36	.66	358	5	ND	2	58	.2	89	2	11	.04	.014	6	139	.01	1824	.01	7	.25	.01	.10	1	95	760
033987	10	15	19	25	.9	5	1	28	1.64	845	5	ND	3	108	.3	110	2	14	.09	.010	5	43	.03	466	.01	8	.37	.01	.26	1	810	2050
033988	4	27	17	134	.4	34	9	78	2.54	665	5	ND	3	76	.4	55	2	11	.11	.018	5	14	.05	176	.01	8	.56	.01	.29	1	340	1600
033989	3	32	15	141	.2	38	13	232	2.75	76	5	ND	3	24	.8	19	2	10	.19	.022	5	19	.21	93	.01	9	.52	.01	.27	1	13	2250
033990	3	33	24	136	.4	40	12	239	2.95	104	5	ND	3	28	.4	21	2	9	.20	.022	5	16	.21	67	.01	10	.50	.01	.29	1	48	2800
033991	3	33	18	138	.2	39	12	242	2.79	29	5	ND	3	23	.3	12	2	9	.27	.023	5	20	.25	84	.01	9	.52	.01	.31	1	17	2900
033992	4	38	24	115	.7	25	7	105	2.41	1339	5	ND	5	62	.2	286	2	20	.15	.019	6	7	.06	575	.01	7	.50	.01	.30	1	840	1050
033993	6	48	15	161	.6	27	9	126	3.77	1852	5	ND	5	150	.2	905	2	36	.15	.020	6	22	.06	624	.01	9	.66	.01	.60	1	810	1150
033994	10	14	24	72	.9	13	3	55	1.81	688	5	2	3	110	.2	1205	2	32	.12	.019	10	77	.06	672	.01	7	.60	.01	.31	1	1160	2650
033995	8	10	11	24	4.5	8	2	40	.56	133	5	ND	1	25	.2	393	2	13	.03	.005	3	84	.01	366	.01	4	.22	.01	.06	3	200	2350
033996	8	9	5	22	1.1	8	2	80	.52	109	5	ND	1	22	.2	316	2	10	.03	.005	2	90	.02	176	.01	4	.18	.01	.05	3	63	1150
033997	11	10	8	30	.9	9	1	94	.61	153	5	ND	1	45	.2	294	2	14	.02	.012	2	109	.01	399	.01	7	.21	.01	.06	2	80	1150
STANDARD C/AU-R	19	56	39	133	7.0	71	34	1047	4.00	40	16	7	35	53	18.6	16	18	55	.48	.090	38	58	.88	178	.09	33	1.90	.06	.15	13	470	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
033998	9	13	11	70	1.0	13	2	57	.71	163	5	ND	3	28	.3	218	2	21	.05	.011	8	76	.02	324	.01	8	.29	.01	.11	1	250	1150
033999	10	12	10	40	1.5	9	1	33	.66	192	6	ND	4	36	.2	244	2	23	.05	.010	11	101	.02	285	.01	12	.37	.01	.13	1	190	985
034000	5	9	17	43	3.0	11	2	30	.63	127	5	ND	5	44	.2	173	2	22	.08	.010	14	50	.06	346	.01	13	.49	.01	.24	1	1160	1700
034001	10	11	10	18	.9	6	1	34	.40	75	5	ND	2	20	.3	462	2	11	.03	.004	7	118	.01	160	.01	7	.21	.01	.08	1	380	1200
034002	10	12	14	38	.6	10	1	135	.58	175	5	ND	1	24	1.9	223	2	13	.03	.004	4	108	.03	267	.01	6	.26	.01	.09	2	130	7400
034003	15	15	115	43	.8	10	1	99	.75	405	5	ND	2	63	.6	251	2	17	.05	.010	5	68	.02	268	.01	5	.30	.01	.11	1	51	3600
034004	6	11	26	36	.5	8	1	40	.72	245	5	ND	2	62	.2	109	2	13	.06	.010	4	46	.02	342	.01	7	.34	.01	.19	1	48	1350
034005	11	17	17	31	1.0	7	1	66	.72	383	5	ND	2	70	.2	127	2	15	.05	.021	3	103	.02	734	.01	8	.30	.01	.11	1	130	970
034006	8	15	15	27	.6	6	1	41	.54	235	5	ND	3	50	.2	85	2	11	.05	.010	4	85	.02	409	.01	9	.28	.01	.14	1	150	775
034007	5	31	20	13	1.2	4	1	16	.35	178	5	ND	3	43	.2	90	2	12	.07	.005	5	49	.03	430	.01	13	.42	.01	.20	1	550	1250
034008	7	24	19	17	.9	4	1	22	1.09	678	5	ND	3	70	.2	150	2	18	.09	.008	4	44	.04	747	.01	10	.44	.01	.29	1	690	1200
034009	4	22	21	13	1.6	3	1	14	.77	349	5	ND	4	63	.2	106	2	14	.09	.005	6	31	.04	373	.01	11	.47	.01	.29	1	310	1450
034010	5	33	29	51	.9	17	4	24	1.62	643	5	ND	4	82	.2	165	2	12	.09	.009	5	23	.04	164	.01	10	.52	.01	.34	1	330	1550
034011	6	47	12	95	.3	75	18	282	4.33	42	5	ND	8	44	.2	63	2	55	.41	.063	37	55	1.11	1113	.03	9	1.92	.04	.30	1	17	130
RE 034016	2	49	22	124	.3	76	19	353	4.51	28	5	ND	7	37	.2	28	2	47	.26	.058	37	41	.65	679	.01	8	1.81	.02	.32	1	13	115
034012	6	64	31	188	.3	78	20	302	5.04	81	5	ND	6	45	.2	113	2	68	.37	.063	33	74	1.14	1045	.02	5	2.03	.04	.26	1	32	185
034013	4	56	8	99	.2	129	33	514	6.44	65	5	ND	4	75	.2	46	2	81	.59	.082	33	94	1.92	1851	.07	7	2.80	.06	.34	1	11	105
034014	3	53	12	129	.4	120	28	270	5.97	122	5	ND	5	46	.2	56	2	63	.39	.064	33	78	1.40	1082	.03	7	2.40	.03	.28	1	7	130
034015	4	35	14	102	.2	42	11	181	2.98	60	5	ND	7	20	.2	30	2	30	.17	.040	28	37	.28	433	.01	9	1.09	.01	.28	1	6	95
034016	2	50	23	125	.4	76	19	352	4.55	28	5	ND	8	37	.2	28	2	47	.26	.058	37	41	.65	661	.01	7	1.79	.02	.32	1	7	115
034017	3	46	9	139	.2	91	22	458	4.95	78	5	ND	6	34	.2	41	2	39	.28	.058	34	33	.69	1038	.01	6	1.61	.02	.22	1	10	145
034018	2	50	28	145	.3	46	16	186	3.57	39	5	ND	7	26	.2	31	2	21	.13	.040	22	17	.22	515	.01	8	1.14	.01	.38	1	6	250
034019	2	52	25	144	.3	48	15	152	3.66	22	5	ND	6	36	.2	23	2	18	.12	.038	9	10	.17	585	.01	5	.94	.01	.31	1	2	265
034020	2	53	30	100	.3	32	9	82	3.46	25	5	ND	6	29	.2	23	2	22	.12	.038	7	10	.21	789	.01	9	1.21	.01	.39	1	9	290
034021	2	45	25	104	.3	29	7	63	3.38	57	5	ND	5	28	.2	82	2	20	.10	.034	7	10	.14	575	.01	5	.88	.01	.30	1	5	1450
034022	2	68	20	232	.4	50	16	257	3.61	18	5	ND	5	26	.2	29	2	23	.02	.030	7	17	.07	588	.01	10	1.08	.01	.46	1	5	855
034023	2	58	21	201	.3	58	19	305	3.81	14	5	ND	5	21	.5	30	2	17	.07	.033	6	9	.15	518	.01	6	.73	.01	.32	1	6	740
034024	2	57	21	173	.4	49	17	310	3.95	14	5	ND	4	21	.9	39	2	13	.06	.027	5	9	.18	312	.01	5	.45	.01	.21	1	5	915
034025	2	51	19	157	.3	50	17	334	4.14	14	5	ND	2	36	.2	32	2	13	.04	.012	4	9	.13	520	.01	7	.49	.01	.24	1	5	1400
034026	2	36	23	125	.2	32	11	204	3.59	22	5	ND	3	35	.2	40	2	14	.07	.024	4	13	.13	327	.01	9	.65	.01	.32	1	5	1000
034027	2	45	18	150	.2	40	13	317	3.85	27	5	ND	4	20	.2	59	2	15	.11	.038	5	11	.21	414	.01	5	.55	.01	.27	1	6	745
034028	2	48	15	177	.3	43	14	292	4.21	61	5	ND	3	31	.2	62	2	15	.05	.027	4	9	.08	451	.01	5	.54	.01	.24	1	5	830
034029	2	52	16	161	.3	40	13	207	4.01	88	5	ND	4	33	.2	63	2	14	.05	.034	5	14	.12	360	.01	6	.60	.01	.27	1	6	795
034030	2	67	19	98	.3	24	7	86	2.54	302	5	ND	2	32	.2	108	2	16	.06	.013	4	19	.05	131	.01	5	.53	.01	.24	1	6	990
034031	3	78	27	139	.4	41	12	108	2.49	116	5	ND	4	37	1.1	219	2	15	.11	.030	6	21	.10	372	.01	10	.74	.01	.31	1	11	790
034032	4	71	23	61	1.6	29	8	41	2.45	619	5	ND	3	60	.3	1274	2	18	.08	.020	5	42	.05	64	.01	6	.65	.01	.26	1	610	1950
034033	5	72	54	25	7.0	5	6	30	1.21	848	5	3	2	37	1.4	25666	16	13	.03	.011	5	57	.02	70	.01	5	.34	.01	.09	1	1660	2050
STANDARD C/AU-R	18	55	39	134	6.9	71	33	1062	4.02	39	17	7	37	52	18.6	15	19	54	.49	.092	38	59	.88	178	.09	32	1.92	.06	.15	12	460	1600

BLUE BORE 91-583

BLUE BORE 91-584

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
034034	6	56	45	42	6.8	13	5	40	1.26	612	5	ND	5	38	.5	5006	2	21	.12	.010	16	61	.07	151	.01	10	.59	.01	.27	1	525	2250
034035	7	29	22	27	1.4	11	4	28	.75	203	5	ND	5	29	.2	1677	2	11	.04	.009	13	79	.03	326	.01	9	.42	.01	.21	3	220	995
034036	5	34	21	42	2.6	12	4	24	.95	273	5	ND	7	37	.3	1147	2	12	.06	.010	17	49	.04	264	.01	11	.54	.01	.27	1	252	1200
034037	8	83	25	78	3.5	8	3	24	.61	80	5	ND	2	46	1.4	3937	2	10	.03	.012	7	81	.02	358	.01	4	.30	.01	.11	2	138	1350
RE 034041	9	26	23	104	1.7	30	8	31	1.44	119	5	ND	4	35	.8	354	2	11	.03	.010	9	99	.02	76	.01	7	.38	.01	.16	4	138	1350
034038	8	41	26	169	3.3	29	10	33	1.91	690	5	ND	6	36	1.5	2787	2	29	.04	.010	13	74	.03	85	.01	9	.55	.01	.22	2	409	1150
034039	8	28	29	190	3.3	48	12	41	2.27	738	6	ND	5	33	1.5	2574	2	32	.04	.011	12	65	.03	56	.01	8	.67	.01	.18	2	609	1950
034040	7	32	15	86	2.2	31	9	29	1.68	348	5	ND	3	27	.6	456	2	15	.03	.009	10	75	.02	41	.01	5	.39	.01	.12	3	252	1300
034041	9	26	20	106	1.8	31	9	33	1.50	126	5	ND	4	36	.6	320	2	12	.03	.010	9	101	.02	57	.01	9	.39	.01	.17	4	112	1400
034042	14	17	15	24	1.4	30	6	44	1.29	95	5	ND	1	106	.4	176	2	10	.04	.029	5	145	.01	92	.01	4	.33	.01	.10	4	148	805
034043	8	16	17	26	.5	24	5	59	.95	39	5	ND	2	49	.3	65	2	6	.10	.020	4	88	.03	170	.01	6	.24	.01	.11	7	65	715
034044	14	15	14	23	.9	24	6	61	1.04	61	5	ND	2	73	.3	169	2	8	.04	.026	5	147	.02	182	.01	10	.32	.01	.12	5	90	1700
STANDARD C/AU-R	19	56	38	132	6.9	70	33	1044	3.96	39	18	7	36	53	18.5	16	18	54	.48	.089	37	58	.89	177	.09	32	1.89	.06	.15	13	462	1600

BLUE BCRE 91-584

Samples beginning 'RE' are duplicate samples.

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
033165	2	19	45	173	1.2	14	11	1066	3.11	3136	12	7	15	76	1.0	371	2	47	.30	.031	32	24	.04	855	.01	7	.72	.01	.09	2	7832
033166	4	15	24	105	1.1	17	11	856	3.26	2857	9	6	13	77	1.2	166	2	38	.12	.039	36	38	.03	910	.01	11	.76	.01	.14	1	4499
033167	4	15	40	195	1.2	24	15	947	4.36	2735	5	4	16	90	1.1	195	2	43	.10	.040	38	19	.04	1020	.01	8	.95	.01	.15	1	2673
033168	5	15	41	242	.8	31	14	969	4.38	2546	7	3	14	94	.5	201	2	36	.10	.047	44	14	.04	1066	.01	8	.74	.01	.15	1	2640
033169	7	22	35	184	2.0	28	8	295	3.41	1633	5	3	9	84	.8	101	2	66	.11	.043	29	15	.04	1058	.01	10	.66	.01	.22	1	4389
033170	12	15	23	42	1.9	11	5	55	1.82	206	5	ND	8	205	.3	36	3	144	.11	.108	21	42	.05	2601	.01	20	.86	.01	.32	2	209
033171	16	44	31	324	1.5	48	10	176	3.78	1496	9	ND	12	212	3.2	44	2	97	.16	.118	38	36	.07	1928	.01	8	.80	.01	.18	1	396
033172	8	56	63	332	1.6	52	14	723	4.71	2972	5	ND	23	150	5.9	49	2	39	.38	.080	61	29	.10	1070	.01	12	1.04	.01	.25	2	649
033173	3	25	41	162	.4	22	12	780	3.47	760	5	ND	18	113	.5	94	2	62	.04	.051	37	33	.03	1141	.01	5	.94	.01	.08	3	385
033174	3	23	57	173	.6	19	12	943	3.46	1004	9	ND	17	110	1.1	154	2	63	.04	.046	30	30	.03	1098	.01	6	.88	.01	.08	2	495
033175	3	23	56	222	.1	27	13	1007	3.85	1417	5	ND	14	104	.9	221	2	59	.05	.045	32	31	.03	1163	.01	7	1.08	.01	.10	2	561
033176	3	21	38	158	.7	22	11	838	3.29	1652	5	2	17	92	.6	162	2	53	.06	.041	36	32	.03	994	.01	6	.89	.01	.09	2	2046
033177	3	24	42	159	2.5	19	14	909	4.03	3937	5	16	18	92	1.0	317	2	55	.03	.041	38	36	.04	1475	.01	5	.78	.01	.09	2	11121
033178	3	26	32	160	2.5	21	13	700	4.10	4449	5	15	17	79	1.0	424	2	48	.13	.037	40	46	.03	1024	.01	6	.79	.01	.08	2	12408
033179	2	18	43	140	.5	14	11	827	3.45	1034	5	2	15	90	.5	59	2	68	.73	.037	33	39	.04	1249	.01	5	.92	.01	.07	2	1925
033180	3	22	39	128	.5	16	12	906	4.02	1090	5	ND	18	90	.2	75	2	73	.09	.038	34	45	.03	924	.01	6	.93	.01	.06	3	957
033181	4	21	37	179	.6	21	12	933	3.63	1075	7	ND	18	85	.2	149	2	65	.15	.035	31	40	.03	859	.01	5	.83	.01	.07	2	1078
033182	3	19	28	142	.4	15	11	865	3.51	929	6	ND	13	79	.4	389	2	62	.63	.032	26	37	.13	722	.01	4	.75	.01	.05	2	1936
033183	4	19	41	159	1.1	22	11	835	3.87	2740	5	7	13	78	.7	326	2	38	.30	.052	37	30	.04	751	.01	9	.89	.01	.14	1	5973
033184	10	14	27	60	.7	11	4	77	1.66	258	11	ND	7	130	.2	54	2	97	.12	.065	27	34	.08	1830	.01	16	.81	.01	.32	2	126
033185	3	22	38	154	.6	19	13	1036	3.88	1381	8	ND	17	112	.2	55	2	71	.05	.049	35	33	.03	1296	.01	5	1.11	.01	.08	3	1012
033186	2	19	33	165	.8	23	14	1096	4.44	1801	5	3	17	93	.4	62	2	67	.06	.041	34	32	.04	1133	.01	6	1.00	.01	.08	3	2838
033187	3	23	46	262	1.0	30	14	1256	4.16	2059	9	5	17	100	1.1	159	2	64	.08	.046	37	34	.03	1027	.01	6	1.13	.01	.09	3	4642
033188	2	25	47	158	2.3	20	13	1109	4.22	4203	5	12	18	87	.5	71	2	56	.28	.034	37	29	.03	781	.01	7	.86	.01	.09	2	9394
033189	2	22	41	185	1.2	23	16	1462	4.09	2772	5	5	18	99	.7	94	2	60	.15	.040	40	29	.03	904	.01	7	.92	.01	.11	2	3421
033190	2	24	37	265	.9	28	12	1056	4.24	1872	5	2	18	93	1.6	134	2	64	.09	.040	33	29	.03	788	.01	5	.83	.01	.07	3	2244
033191	2	19	29	148	2.5	15	9	1373	3.89	4270	5	16	14	82	.4	130	2	46	.43	.035	34	24	.03	743	.01	5	.57	.01	.07	1	12716
033192	2	20	37	138	2.1	18	11	1013	3.72	4015	5	11	16	90	.3	3395	2	46	.38	.040	35	27	.04	820	.01	7	.87	.01	.11	2	8657
RE 033188	2	23	46	155	2.2	18	12	1075	4.12	4178	12	12	17	83	.4	66	2	52	.28	.031	37	26	.03	729	.01	6	.84	.01	.10	2	10010
033193	2	15	25	122	.7	22	13	768	3.99	1460	8	2	16	73	.4	299	2	34	.36	.079	46	15	.04	743	.01	8	.81	.01	.13	1	1122
033194	2	14	20	148	.6	21	11	530	4.02	1584	5	ND	17	58	.9	179	2	19	.51	.107	50	10	.06	762	.01	12	.91	.01	.24	1	605
033195	4	47	36	208	1.5	25	7	132	2.62	1018	5	ND	10	257	2.4	70	2	218	.50	.283	30	41	.04	1981	.01	13	.90	.01	.17	1	297
033196	11	27	19	42	1.0	18	3	6	1.66	103	5	ND	8	160	.7	14	2	155	.14	.111	25	42	.05	1245	.01	19	.75	.01	.33	1	18
034070	4	29	35	377	.8	54	19	834	4.61	148	5	ND	15	77	1.1	90	2	44	.87	.042	42	30	.11	904	.01	8	.98	.01	.18	2	45
034071	2	34	38	160	.5	23	14	694	3.80	48	5	ND	13	147	.5	41	2	26	3.35	.041	39	22	.20	992	.01	8	.94	.01	.20	1	9
034072	2	14	42	110	.4	11	10	706	3.64	145	5	ND	11	278	.2	25	2	46	2.82	.068	37	18	.75	1004	.01	10	.68	.01	.18	1	41
034073	2	25	42	150	.6	28	13	692	3.56	65	5	ND	10	239	.5	58	2	29	2.99	.036	34	27	.45	804	.01	10	.75	.01	.19	1	17
034074	4	28	32	189	.6	33	14	637	3.97	87	5	ND	11	139	1.2	36	2	50	1.41	.076	33	28	.22	1203	.01	16	1.06	.01	.28	1	29
STANDARD C/AU-R	20	64	41	131	7.3	75	31	1024	3.90	42	22	6	39	53	18.2	18	18	59	.49	.094	40	58	.90	171	.09	31	1.90	.07	.14	11	462

KOKANEE BODY 91-39

KOKANEE BODY 91-38

KOKANEE BODY 91-37

BLUE BERE 91-586

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery (RD) RC 91-585 7

Noranda Exploration Co. Ltd. PROJECT 9109-083 330 File # 91-4564 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
034045	5	24	30	286	.6	34	13	700	3.92	833	5	ND	11	88	.9	56	2	37	.66	.037	34	39	.10	2611	.01	8	.77	.01	.17	1	275	1100
034046	2	18	37	198	.4	28	13	823	4.04	289	5	ND	9	89	.5	38	2	30	2.33	.025	30	29	.18	1262	.01	6	.59	.01	.13	1	104	905
034047	4	27	45	302	.5	41	15	887	4.36	340	5	ND	8	69	.7	68	2	42	1.26	.027	26	35	.09	1331	.01	9	.65	.01	.16	1	54	1000
034048	4	21	43	451	.6	53	16	913	4.83	413	9	ND	12	66	1.6	69	2	51	.75	.072	37	28	.09	943	.01	11	.80	.01	.19	1	31	965
034049	15	26	18	215	.7	45	7	92	2.52	70	5	ND	2	93	.2	39	2	83	.22	.039	4	53	.04	1809	.01	16	.55	.01	.17	1	12	2250
034050	13	24	26	141	.9	23	3	31	2.50	392	5	ND	5	134	.3	80	2	113	.14	.044	13	28	.04	928	.01	13	.59	.01	.23	1	95	2450
034051	18	26	21	55	.7	15	2	30	1.82	181	5	ND	3	138	.2	76	2	117	.10	.062	9	87	.04	2139	.01	14	.60	.01	.16	1	72	4750
034052	7	33	26	553	.5	78	15	261	4.29	908	5	ND	8	62	2.1	85	2	60	.31	.073	25	34	.05	1459	.01	11	.73	.01	.20	1	105	2600
034053	20	30	13	57	.6	14	2	39	1.14	169	5	ND	1	134	.6	107	2	108	.08	.047	4	105	.03	1282	.01	9	.42	.01	.11	1	51	4700
034054	34	97	26	139	2.9	29	2	29	2.42	851	5	ND	3	232	1.9	708	2	221	.06	.133	9	110	.02	1528	.01	9	.56	.01	.10	1	220	8000
034055	17	141	65	627	1.9	98	10	551	4.27	2699	5	ND	7	147	4.3	225	2	106	.04	.068	25	43	.03	1550	.01	8	.71	.01	.13	1	748	4800
034056	22	81	51	929	4.6	85	9	642	2.87	1566	5	ND	4	278	7.6	6695	2	102	2.02	.069	15	61	.97	109	.01	11	.61	.01	.17	1	528	4800
034057	37	120	21	1167	3.5	119	7	362	2.38	268	5	ND	2	445	21.2	646	2	460	1.51	.248	12	113	.71	3101	.01	16	.87	.01	.16	1	69	11000
034058	70	115	34	1307	1.2	191	9	231	1.92	116	8	ND	4	189	18.9	141	2	244	.90	.076	15	86	.46	1737	.01	16	.73	.01	.18	1	21	5400
034059	69	138	17	1660	1.6	90	4	274	1.12	73	8	ND	3	169	28.5	71	2	405	4.51	.033	17	74	2.59	1007	.01	12	.42	.01	.17	1	12	7150
034060	29	83	12	765	1.9	37	3	279	1.49	56	10	ND	3	308	9.0	62	2	199	2.81	.278	12	126	1.26	351	.01	21	.53	.01	.17	1	1	3850
034061	14	76	12	398	2.7	26	2	101	1.49	67	6	ND	2	447	2.7	47	2	115	4.29	1.295	14	197	.50	152	.01	29	.65	.01	.18	1	6	5950
034062	9	70	5	541	2.3	83	4	347	1.21	38	5	ND	2	438	1.5	33	2	85	8.99	.493	13	123	4.17	829	.01	26	.64	.01	.16	1	2	1100
034063	8	38	6	262	2.2	40	3	233	.99	20	5	ND	2	249	.6	15	2	47	4.87	.211	7	83	2.52	844	.01	15	.31	.01	.10	1	4	685
034064	12	102	7	432	2.6	59	2	250	1.25	33	6	ND	2	385	2.0	29	2	96	6.62	.578	16	135	2.66	799	.01	29	.58	.01	.18	1	8	980
034065	5	38	7	250	.6	43	5	394	2.15	22	5	ND	3	289	1.1	16	2	20	5.93	.052	5	38	2.97	105	.01	14	.37	.01	.15	1	9	510
034066	2	39	7	83	.5	30	8	306	1.90	16	5	ND	2	186	.5	19	2	13	4.68	.017	4	30	2.48	64	.01	16	.42	.01	.19	1	3	345
034067	9	71	6	254	.7	56	14	497	3.39	24	5	ND	1	244	3.6	13	2	74	4.03	.090	8	76	2.38	197	.01	14	.91	.01	.19	1	5	510
034068	2	73	6	216	.5	64	26	708	5.87	16	5	ND	1	173	2.6	10	2	87	3.31	.086	17	75	2.83	317	.01	15	1.65	.01	.23	1	1	825
034075	13	22	20	107	.5	21	5	91	2.03	33	5	ND	2	77	.2	30	2	83	.26	.024	5	74	.10	1557	.01	16	.58	.01	.19	1	5	2850
034076	13	29	13	27	2.4	20	1	25	1.45	29	5	ND	2	475	1.1	42	2	320	.95	.453	9	78	.06	1261	.01	37	.91	.01	.27	1	7	4800
034077	26	14	13	26	.6	11	1	32	1.24	34	5	ND	1	153	.2	39	2	125	.12	.064	3	83	.03	749	.01	15	.38	.01	.13	1	13	1800
034078	22	12	7	24	.5	13	2	46	.87	39	5	ND	2	192	.8	32	2	79	.09	.031	3	52	.05	701	.01	10	.29	.01	.09	1	13	2200
034079	24	8	11	15	.5	13	1	19	.69	24	5	ND	1	62	.2	26	2	84	.09	.017	2	85	.02	608	.01	11	.24	.01	.09	1	10	2350
034080	24	17	7	44	.7	13	1	25	.84	45	5	ND	1	53	.2	38	2	108	.05	.018	3	122	.02	1272	.01	8	.26	.01	.09	1	46	2500
034081	17	23	8	41	.6	12	1	24	.90	75	5	ND	1	115	.2	56	2	80	.03	.031	3	92	.01	1198	.01	7	.20	.01	.05	1	24	1900
RE 034078	22	13	8	22	.3	11	1	14	.78	40	5	ND	1	181	.2	31	2	79	.08	.028	2	48	.02	699	.01	10	.24	.01	.08	1	20	2200
034082	17	65	19	308	1.0	51	4	305	1.76	61	5	ND	2	185	7.9	53	2	109	1.85	.035	7	52	.96	180	.01	15	.58	.01	.17	1	17	7150
034083	21	87	25	358	3.2	63	3	422	1.15	124	5	ND	2	281	9.1	170	2	259	2.18	.088	6	101	1.16	800	.01	10	.63	.01	.11	1	33	9450
034084	39	214	52	959	2.0	102	5	406	2.47	166	9	ND	5	284	13.7	170	2	268	1.63	.094	20	117	.67	371	.01	15	.94	.01	.16	1	42	11000
034085	7	41	44	583	.6	28	8	615	3.01	92	5	ND	7	353	4.1	31	2	31	2.69	.055	20	34	.97	61	.01	15	.56	.01	.19	1	6	1450
034086	31	74	81	541	1.4	54	3	304	1.47	59	8	ND	2	328	8.2	33	2	173	2.37	.431	18	131	.60	262	.01	18	.73	.01	.17	1	5	2150
STANDARD C/AU-R	18	61	37	132	7.2	70	31	1033	3.94	43	20	7	39	52	18.4	16	18	57	.48	.087	38	58	.88	182	.09	34	1.91	.06	.14	11	473	1600

BLUE RC 91-585

BLUE RC 91-586

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 17 1991 **DATE REPORT MAILED:** Sept 20/91 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-083 330 FILE # 91-4564 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
034087	68	103	29	1556	1.3	89	5	441	1.06	57	7	ND	2	133	18.3	68	2	263	2.86	.040	18	69	1.47	542	.01	13	.36	.01	.14	7	5	3300
034088	49	95	17	1850	1.3	79	6	423	1.20	34	8	ND	3	165	19.9	84	2	340	3.37	.028	17	44	1.83	647	.01	17	.49	.01	.19	8	4	3400
034089	39	73	13	588	1.1	64	5	334	1.12	30	8	ND	2	217	10.2	72	2	244	3.26	.170	16	94	1.61	854	.01	18	.49	.01	.19	2	2	2600
034090	24	119	13	543	2.8	79	3	172	.86	37	12	ND	1	272	11.2	43	2	403	3.24	.612	22	132	.55	1132	.01	24	.62	.01	.20	2	2	1550
034091	21	145	82	510	3.9	84	3	130	.93	48	16	ND	1	340	6.8	37	3	355	4.01	.612	28	162	.34	1087	.01	32	.67	.01	.23	2	2	2900
034092	4	83	49	240	2.6	29	5	428	1.46	28	5	ND	3	291	1.3	20	2	51	3.28	.610	16	61	1.15	93	.01	37	.91	.01	.33	1	6	1900
034093	5	50	20	251	.8	45	10	324	1.57	25	5	ND	2	132	.5	20	2	20	1.39	.040	6	39	.74	256	.01	14	.39	.01	.15	1	4	1050
034094	10	25	47	482	.8	43	8	305	2.34	308	5	ND	6	155	2.0	28	2	148	.34	.107	27	19	.24	2770	.02	16	1.23	.01	.27	1	28	6100
034095	15	13	33	121	1.3	18	3	63	1.45	365	5	2	7	105	.7	22	2	103	.12	.043	24	76	.08	1635	.01	15	.91	.01	.25	1	1880	5950
034096	9	17	27	346	.7	43	13	1014	3.25	1348	7	ND	11	95	.8	19	2	47	.10	.042	31	25	.05	1118	.01	8	.94	.01	.13	2	1010	11000
034097	8	14	27	287	1.7	42	9	846	3.28	3539	6	3	10	79	2.0	29	2	33	.16	.037	32	20	.04	905	.01	7	.62	.01	.13	1	3250	11000
034098	13	23	32	228	1.6	34	9	732	2.82	1506	5	ND	7	207	2.7	18	2	116	.11	.143	29	15	.04	3479	.01	11	.72	.01	.13	2	470	3550
034099	26	99	18	300	7.0	36	6	109	1.65	763	5	ND	1	579	6.0	27	2	1016	.56	.612	15	75	.07	7450	.01	17	1.17	.01	.21	3	120	17000
034100	15	100	18	712	7.1	114	8	457	1.87	926	5	ND	2	267	5.3	23	2	309	.47	.352	18	75	.07	3896	.01	14	.83	.01	.18	3	410	14000
034101	7	43	20	695	2.0	51	8	693	3.11	2218	5	2	6	223	6.8	21	2	92	1.89	.068	19	45	.68	180	.01	8	.67	.01	.17	2	1660	15000
034102	7	69	15	1117	2.3	47	9	615	3.16	1323	5	ND	6	304	11.1	18	2	65	3.25	.583	19	41	.86	104	.01	11	.97	.01	.23	5	310	10000
034103	13	156	9	680	3.6	85	3	368	1.37	264	15	ND	1	539	5.3	12	2	264	7.25	.608	18	161	1.53	226	.01	13	1.01	.01	.17	4	23	5450
034104	53	167	14	2505	1.8	109	5	351	1.44	250	11	ND	2	156	29.9	18	2	941	6.79	.085	17	62	3.36	58	.01	19	.74	.01	.23	13	41	7050
034105	53	131	11	2435	1.1	102	6	345	1.40	201	13	ND	3	149	25.7	19	2	777	6.43	.061	18	64	3.21	62	.01	18	.62	.01	.21	12	46	12000
034106	72	166	15	2974	1.4	120	6	352	1.47	196	17	ND	2	129	33.0	22	2	843	6.32	.035	15	53	3.21	122	.01	19	.59	.01	.21	16	61	17000
034107	66	154	14	2671	1.7	111	5	343	1.47	411	15	ND	2	140	29.7	20	2	818	5.70	.067	14	72	2.91	92	.01	22	.69	.01	.22	14	250	14000
034108	42	92	8	1705	1.0	78	5	455	1.29	185	10	ND	2	172	17.1	18	2	603	7.68	.040	15	57	3.80	110	.01	16	.54	.01	.16	8	8	12000
034109	90	188	13	3726	1.2	158	5	228	1.25	126	28	ND	3	109	44.8	23	2	1202	3.54	.025	21	95	1.93	131	.01	26	.76	.01	.27	21	37	10000
034110	29	57	11	966	1.1	61	5	527	1.38	319	9	ND	2	175	8.9	18	2	392	8.24	.050	12	50	4.06	63	.01	12	.43	.01	.12	5	51	5950
034111	38	78	12	1400	.8	69	5	410	1.24	195	8	ND	2	148	13.0	17	2	418	8.17	.027	12	45	4.03	65	.01	16	.44	.01	.14	6	12	6100
RE 034107	66	157	14	2692	1.7	111	5	343	1.48	415	15	ND	2	142	29.1	19	2	813	5.70	.068	14	76	2.91	91	.01	22	.68	.01	.22	14	230	16000
034112	31	71	8	1202	1.0	56	4	386	1.27	166	9	ND	2	145	12.5	11	2	437	8.59	.027	12	43	4.17	116	.01	16	.44	.01	.13	5	58	3650
034113	41	93	11	1746	.9	73	4	313	1.18	105	9	ND	2	129	18.9	14	2	507	8.19	.026	13	35	4.03	153	.01	16	.43	.01	.15	8	29	5700
034114	58	116	11	2255	1.1	95	5	235	1.12	120	16	ND	2	130	24.0	25	2	606	6.58	.036	16	38	3.31	238	.01	15	.55	.01	.20	11	100	6100
034115	44	87	11	1709	1.1	78	4	338	1.18	120	8	ND	2	170	18.4	18	2	351	7.45	.023	13	40	3.57	275	.01	7	.45	.01	.15	8	140	5550
034116	66	155	13	2699	1.6	118	5	260	1.25	137	21	ND	3	143	30.9	19	2	816	5.74	.049	16	54	2.81	124	.01	15	.64	.01	.21	14	150	5750
034117	52	166	13	1926	2.2	112	5	342	1.34	132	15	ND	2	163	21.4	18	2	732	7.37	.074	14	78	3.14	81	.01	11	.63	.01	.18	9	130	2700
STANDARD C/AU-R	18	58	38	132	6.8	70	33	1037	3.93	40	18	7	36	53	18.4	15	19	57	.48	.089	36	58	.88	176	.09	34	1.87	.06	.15	12	460	1500

BLUE BCRC 91-586.

GOLDEN BCRC 91-587.

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-092 330 FILE # 91-4649 Page →

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
034119	6	37	51	122	1.3	22	7	166	2.69	400	8	ND	12	117	.2	570	6	36	.10	.045	34	25	.05	1525	.01	10	.79	.01	.23	1	240
034120	5	21	57	134	1.1	21	8	330	2.98	504	7	ND	12	162	.4	292	2	26	.09	.061	40	26	.05	1575	.01	12	1.05	.01	.28	1	330
034121	5	9	69	22	1.1	3	3	46	.70	139	5	ND	11	155	.2	80	2	22	.05	.051	40	24	.04	1293	.01	10	.71	.01	.23	2	194
034122	4	18	39	157	.6	15	11	739	3.90	476	5	ND	15	101	.4	72	2	19	.20	.071	45	17	.06	1118	.01	10	1.01	.01	.28	1	56
034123	3	17	39	135	.6	13	13	781	4.21	273	5	ND	13	117	.5	42	2	21	.64	.062	30	12	.16	610	.01	6	.85	.01	.22	1	60
034124	6	12	42	54	.7	10	5	121	2.04	412	5	ND	10	117	.2	59	2	37	.08	.043	28	22	.05	1095	.01	10	.84	.01	.24	1	122
034125	28	53	65	623	2.3	59	6	192	2.15	162	11	ND	5	395	9.1	82	2	334	.70	.283	11	75	.18	191	.01	9	.91	.01	.12	1	19
034126	9	34	33	335	1.0	37	9	542	2.80	122	5	ND	11	242	9.6	50	2	95	1.68	.108	21	38	.55	106	.01	8	1.02	.01	.20	1	38
034127	5	23	26	283	.6	40	10	761	3.09	70	10	ND	13	154	2.4	101	2	42	2.09	.092	28	36	.60	169	.01	5	.74	.01	.18	1	11
RE 034132	3	19	33	201	.5	16	9	652	3.25	817	5	ND	11	334	1.3	50	2	19	3.19	.090	20	19	1.04	93	.01	7	.55	.01	.15	1	59
034128	5	23	25	186	.6	21	10	654	3.00	116	5	ND	12	156	1.5	35	2	50	2.11	.098	25	33	.60	266	.01	5	.70	.01	.16	1	30
034129	4	24	40	206	.6	21	11	899	3.84	343	5	ND	14	183	1.2	35	2	53	1.21	.070	29	38	.49	305	.01	6	1.08	.01	.16	1	61
034130	3	22	37	214	.6	19	10	822	3.25	176	5	ND	13	283	1.5	27	2	32	2.83	.090	26	30	.93	125	.01	5	1.02	.01	.24	1	25
034131	3	19	31	151	.7	16	10	684	3.33	110	5	ND	15	347	.9	27	2	32	3.46	.108	30	21	1.04	150	.01	5	.81	.01	.18	1	10
034132	3	21	32	195	.8	15	9	669	3.33	864	5	ND	14	356	1.5	54	2	21	3.42	.098	22	20	1.09	94	.01	7	.57	.01	.16	1	76
034133	14	57	87	427	1.7	62	9	662	2.85	334	5	ND	7	321	3.5	90	2	77	2.97	.169	12	43	1.06	75	.01	9	.64	.01	.14	1	38
034134	21	58	59	672	1.4	150	14	216	3.11	140	8	ND	5	219	6.2	52	2	143	.70	.169	17	45	.20	64	.01	14	.87	.01	.29	1	13
034135	15	48	37	532	1.1	127	13	184	3.03	129	5	ND	5	196	4.3	38	2	109	.67	.121	15	22	.21	67	.01	7	.70	.01	.21	1	10
034136	36	92	31	1587	4.4	168	5	209	1.36	221	9	ND	2	405	21.3	15	2	506	.99	.289	10	95	.30	157	.01	7	.84	.01	.15	4	21
034137	31	84	30	1148	2.0	141	7	325	1.87	176	5	ND	6	370	15.4	29	2	356	1.81	.334	19	85	.44	153	.01	12	.98	.01	.17	3	17
034139	20	96	19	664	2.0	71	6	287	1.54	300	5	ND	4	192	6.9	77	2	409	1.59	.525	26	88	.18	1572	.01	18	1.03	.01	.26	2	45
034140	17	173	26	935	2.9	104	7	447	2.03	341	6	ND	6	193	10.0	23	2	454	2.06	.487	33	66	.42	1678	.01	19	1.07	.01	.28	2	36
034141	8	179	21	686	2.8	80	5	316	1.50	254	5	ND	7	319	7.6	46	2	302	4.53	1.439	35	83	.40	1951	.01	17	1.20	.01	.26	1	20
034142	6	170	16	440	2.8	51	4	106	1.00	163	5	ND	5	474	4.9	2	2	227	6.40	2.274	29	127	.10	2108	.01	16	1.09	.01	.22	1	36
034143	6	168	18	431	2.8	61	5	103	.96	149	5	ND	4	553	4.8	2	2	193	7.48	2.702	26	176	.07	2391	.01	19	.97	.01	.18	1	35
034144	3	203	21	813	3.8	116	6	425	1.40	202	5	ND	6	577	8.2	2	2	206	9.17	2.802	30	120	.68	2742	.01	14	1.30	.01	.21	2	20
034145	10	301	40	1655	4.6	251	10	1288	2.75	410	5	ND	8	528	16.2	81	2	319	7.51	2.255	37	141	.72	3031	.01	24	1.72	.01	.34	2	20
034146	5	226	25	757	2.4	120	4	73	.91	273	5	ND	5	719	8.8	2	2	231	10.08	3.559	24	195	.09	2292	.01	15	1.01	.01	.20	2	22
034147	6	188	23	827	2.5	115	4	192	1.03	168	5	ND	5	645	6.1	2	2	198	10.14	2.740	24	150	1.02	1773	.01	15	1.01	.01	.20	1	8
034148	7	217	19	812	2.8	108	5	399	1.35	174	5	ND	9	468	9.0	2	2	221	11.36	1.578	33	91	2.75	1175	.01	19	.93	.01	.23	2	25
034149	8	159	24	633	2.3	109	4	289	1.08	182	7	ND	8	386	7.1	2	2	180	9.80	1.487	30	84	2.38	972	.01	17	.87	.01	.22	1	43
034150	11	270	29	1292	3.3	132	4	364	1.49	267	5	ND	6	381	16.4	2	2	364	9.05	.814	25	89	2.90	1114	.01	17	.90	.01	.24	1	15
034151	13	90	22	487	1.8	122	4	480	1.35	222	5	ND	7	386	4.1	2	2	316	9.88	.818	25	94	3.17	789	.01	19	.86	.01	.24	1	16
034152	8	113	35	344	1.8	103	4	565	1.48	218	5	ND	7	379	3.0	2	2	232	9.28	.727	27	70	3.00	790	.01	19	.96	.01	.24	1	20
034153	6	191	27	562	3.1	113	4	158	.99	264	5	ND	6	494	4.9	3	3	195	8.20	2.444	33	160	.48	1730	.01	21	1.11	.01	.22	1	44
034154	4	225	40	961	4.1	119	5	118	.90	259	5	ND	4	553	6.7	2	2	177	8.19	2.689	27	139	.31	2640	.01	18	.91	.01	.17	2	53
STANDARD C/AU-R	19	61	42	132	7.5	75	32	1052	4.00	44	21	7	40	53	18.8	15	19	59	.49	.088	40	58	.92	180	.08	34	1.91	.07	.15	11	470

S. GOLDEN BERE 91-588

S. GOLDEN BERE 91-589

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
S. GOLDEN BORE 91-589.																															
034155	7	262	66	846	4.0	122	6	204	1.11	295	18	ND	2	597	9.5	12	2	179	8.55	.695	22	120	.29	4083	.01	22	.96	.01	.16	8	75
034156	7	185	55	678	4.3	151	6	308	1.28	347	18	ND	1	470	7.1	16	2	147	5.39	.711	24	100	.19	4034	.01	22	.90	.01	.18	6	97
034157	8	199	73	706	7.6	166	5	625	1.19	385	13	ND	1	433	8.1	16	2	139	6.48	.712	24	108	.43	2264	.01	19	.84	.01	.19	6	220
034158	14	165	609	1560	6.9	203	6	588	1.68	591	18	ND	1	427	20.9	15	2	177	8.19	.707	24	126	.65	1933	.01	27	.81	.01	.21	11	153
034159	10	74	236	928	3.1	211	6	478	1.29	493	23	ND	2	618	10.0	10	2	147	12.22	.678	29	113	.56	2330	.01	35	1.08	.02	.24	7	67
034160	7	59	126	547	1.4	193	4	370	1.03	362	13	ND	1	419	5.7	6	2	137	8.34	.708	25	93	.44	1720	.01	21	.87	.01	.22	4	43
034161	7	86	53	391	2.0	194	5	394	1.00	377	18	ND	2	365	3.9	7	2	118	7.48	.715	25	105	.78	1243	.01	24	.83	.01	.21	3	36
034162	3	18	29	140	.4	23	13	910	3.20	933	6	ND	8	126	.7	45	2	28	.54	.051	32	21	.06	882	.01	12	.82	.01	.20	1	363
034163	7	21	39	153	.2	23	15	954	3.54	1215	5	ND	11	120	.7	56	2	24	.15	.041	39	50	.05	1084	.01	9	1.01	.01	.19	1	231
034164	6	19	54	157	.3	21	15	1347	3.63	1095	5	ND	12	109	.6	50	2	26	.43	.040	40	44	.05	1181	.01	10	1.07	.01	.19	1	220
034165	3	18	48	142	.1	19	16	1320	3.76	1015	5	ND	12	136	.3	248	2	35	1.13	.042	34	23	.20	1090	.01	3	.90	.01	.16	1	363
034166	4	20	31	161	.3	30	18	893	3.98	679	5	ND	14	76	.3	707	2	29	.95	.093	39	43	.20	256	.01	9	.88	.01	.27	1	147
034167	5	14	31	137	.5	28	15	901	3.72	2397	5	ND	13	144	.2	62	2	23	1.54	.097	35	48	.42	225	.01	10	.90	.02	.37	1	561
034168	4	28	247	690	1.6	31	16	782	4.17	774	5	ND	11	91	7.4	126	4	34	.67	.116	39	34	.24	280	.02	11	.87	.01	.31	3	114
034169	5	15	74	300	.8	23	14	934	3.96	1403	5	ND	13	66	2.5	76	2	37	.60	.120	42	38	.15	249	.01	7	.78	.01	.25	1	627
S. GOLDEN BORE 91-590																															
034170	5	16	47	233	.3	17	14	817	3.89	154	5	ND	16	62	1.6	62	2	74	.67	.131	51	49	.17	463	.01	5	1.17	.01	.23	1	48
034171	3	22	117	605	.8	19	14	961	4.17	386	5	ND	13	149	6.0	94	2	67	1.03	.077	41	29	.37	1104	.01	4	.95	.01	.11	3	67
034172	3	20	155	341	1.7	23	15	885	3.83	1600	5	ND	10	153	1.7	207	2	48	1.19	.053	30	23	.37	969	.01	4	.82	.01	.11	1	1177
034173	3	18	52	173	.1	20	14	922	3.49	424	5	ND	11	131	.9	55	2	48	1.16	.029	27	32	.43	621	.01	5	.91	.01	.11	1	114
034174	4	19	48	221	.3	23	16	1207	4.34	509	5	ND	11	116	1.0	1019	2	63	1.17	.029	28	39	.28	852	.01	6	1.16	.01	.10	1	215
034175	3	18	50	246	.3	21	17	1110	3.84	691	5	3	13	118	.8	155	2	57	1.03	.039	34	20	.21	1179	.01	5	.81	.01	.07	1	1199
034176	4	18	51	220	.2	20	15	816	3.66	418	5	ND	18	76	.6	224	2	74	.83	.105	51	39	.23	656	.01	2	1.30	.01	.11	1	286
034177	4	17	40	218	.3	20	16	1295	3.83	1194	5	2	15	148	.6	360	2	64	1.09	.041	38	27	.36	885	.01	5	.83	.01	.07	1	1397
034178	3	17	31	257	.1	22	19	977	3.84	259	5	ND	17	140	.2	126	3	77	1.26	.084	53	26	.46	1397	.01	3	.99	.01	.09	1	100
034179	4	16	40	147	.3	16	12	729	3.38	277	5	ND	16	92	.6	35	2	72	2.01	.101	56	45	.76	591	.01	4	.96	.01	.13	1	286
034180	4	17	29	131	.2	14	12	729	3.36	102	5	ND	17	115	.4	33	2	72	2.62	.079	55	36	.95	1006	.01	4	.99	.01	.10	1	38
034181	3	15	26	123	.2	14	12	944	3.35	1113	5	3	14	170	.2	41	2	60	2.24	.047	37	25	.92	1002	.01	2	.76	.01	.06	1	2882
034182	3	14	31	138	.3	15	12	944	3.45	1231	5	4	14	182	.4	43	2	56	2.42	.063	37	30	.94	845	.01	5	.86	.01	.09	1	2772
034183	3	16	24	119	.1	13	12	866	3.72	708	5	2	16	140	.2	32	2	70	2.88	.098	54	31	1.17	636	.01	3	.87	.01	.10	1	1518
034184	3	16	23	108	.1	18	12	760	3.46	235	5	ND	11	168	.3	19	2	56	2.53	.075	30	20	1.06	741	.01	3	.81	.01	.15	1	242
034185	2	15	33	137	.2	13	11	825	3.72	597	5	ND	9	250	.5	28	2	29	2.86	.062	21	17	1.04	296	.01	4	.71	.01	.17	1	159
034186	3	11	36	93	.4	10	10	1091	3.61	2057	5	ND	7	248	.2	27	2	24	2.93	.032	16	19	1.07	512	.01	10	.78	.01	.21	1	1122
034187	3	12	49	172	.5	10	10	1163	3.53	1029	5	ND	8	333	1.2	30	2	18	3.23	.034	17	23	1.10	621	.01	10	.66	.01	.17	1	253
RE 034183	3	15	24	119	.3	13	11	830	3.58	702	5	2	15	136	.2	29	2	67	2.76	.093	51	30	1.13	628	.01	3	.86	.01	.10	1	1529
034188	2	18	138	653	1.4	10	9	1817	3.84	3594	5	ND	7	395	6.4	93	2	15	3.45	.065	14	19	1.15	127	.01	9	.64	.01	.18	3	979
034189	2	10	56	160	.7	8	8	1395	3.49	2022	5	ND	8	369	1.2	49	2	13	3.61	.057	17	12	1.21	320	.01	6	.50	.01	.15	1	396
034190	2	8	42	98	.4	10	9	1015	3.44	731	5	ND	9	266	.4	30	2	23	3.04	.053	18	14	1.10	523	.01	7	.65	.01	.15	1	156
STANDARD C/AU-R	19	58	39	133	7.1	70	32	1048	3.99	41	17	6	37	52	18.7	16	18	58	.48	.090	39	59	.88	177	.09	31	1.89	.06	.15	13	473

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
034191	4	18	40	153	.3	17	13	870	3.78	641	5	ND	17	185	.2	155	2	59	2.48	.075	45	24	.58	1068	.01	4	1.06	.01	.13	1	242
034192	4	18	54	150	.9	15	13	953	3.96	687	5	ND	16	185	.2	102	2	66	2.29	.059	45	19	.63	1394	.01	2	.88	.01	.07	1	396
034193	3	17	42	138	.3	16	13	934	3.47	537	5	ND	17	160	.3	104	2	68	2.16	.073	49	23	.67	1010	.01	2	.90	.01	.08	1	495
034194	3	18	39	135	.3	18	13	770	3.52	310	5	ND	18	116	.2	45	2	76	2.01	.107	57	22	.63	1335	.04	2	1.29	.01	.24	1	330
034195	3	18	39	138	.4	15	12	831	3.37	1064	5	ND	17	145	.2	82	2	68	2.02	.081	50	27	.68	1081	.01	3	1.05	.01	.11	1	572
034196	3	18	39	140	.2	16	13	894	3.69	232	5	ND	18	152	.2	76	2	73	2.29	.089	53	28	.65	897	.01	2	1.03	.01	.09	1	161
034197	3	19	46	144	.4	16	13	999	3.65	367	5	ND	18	131	.4	1274	2	80	2.04	.095	50	22	.74	1465	.06	2	1.26	.01	.26	1	550
034198	3	19	32	130	.2	15	12	782	3.78	258	5	ND	18	130	.2	162	3	76	2.18	.097	52	31	.92	993	.01	2	1.03	.01	.10	1	253
034199	6	28	37	238	.7	24	12	902	3.82	1069	5	ND	12	253	1.9	97	2	83	2.56	.061	31	29	1.01	425	.01	3	.91	.01	.11	1	990
034200	4	14	70	199	.3	28	14	864	3.59	147	5	ND	10	245	.4	46	2	51	2.29	.061	23	27	.94	378	.01	5	1.13	.01	.23	1	51
034201	2	14	72	161	.5	16	11	1009	3.82	705	5	ND	11	227	.4	49	2	42	2.67	.068	23	20	1.02	314	.01	7	1.02	.01	.19	1	627
RE 034206	1	8	51	92	.4	8	9	1202	3.61	686	5	ND	13	376	.2	35	2	21	3.74	.074	24	13	1.28	287	.01	9	.90	.01	.26	1	116
034202	3	18	89	181	1.7	11	10	1224	3.84	4040	5	4	8	267	1.1	77	2	28	2.96	.053	17	23	1.08	97	.01	10	.93	.01	.23	1	4235
034203	2	18	119	236	1.5	9	9	1833	3.69	3590	5	3	8	420	1.8	83	2	18	4.00	.072	15	22	1.32	80	.01	10	.79	.01	.26	1	2134
034204	2	15	60	176	1.1	9	8	1556	3.38	3203	5	ND	8	405	1.4	48	2	18	3.59	.057	16	22	1.17	140	.01	13	.94	.01	.26	1	1639
034205	1	16	100	500	.9	9	9	1377	3.68	1895	5	ND	8	366	4.2	49	2	20	3.30	.046	16	18	1.12	141	.01	9	.85	.01	.23	2	451
034206	2	8	47	105	.4	8	9	1174	3.62	707	5	ND	13	369	.3	34	2	20	3.62	.072	24	13	1.25	354	.01	9	.84	.01	.25	1	115
034207	2	11	184	378	1.1	8	9	1042	3.75	1467	5	ND	12	276	2.4	60	2	23	3.27	.070	21	14	1.18	165	.01	9	.85	.01	.22	2	172
034208	4	16	52	114	.4	24	10	846	3.41	757	5	ND	7	352	.3	28	2	32	2.95	.051	17	18	1.09	81	.01	11	.87	.01	.25	1	104
034209	16	53	24	362	1.0	69	13	620	2.98	179	5	ND	3	336	3.5	19	2	153	2.41	.174	12	69	.98	81	.01	13	.92	.01	.20	1	36
034210	15	43	32	1553	.5	220	22	1467	4.12	609	5	ND	15	98	4.2	182	2	128	.75	.181	44	31	.64	1322	.11	4	1.66	.02	.22	8	199
034211	15	26	32	1234	.2	156	16	922	4.04	459	5	ND	17	118	3.7	308	2	80	.58	.133	47	25	.26	1798	.03	5	1.35	.01	.17	6	137
034212	10	23	33	874	.3	108	15	828	4.16	217	5	ND	18	81	1.9	133	2	95	.65	.138	53	30	.63	1302	.14	4	1.64	.03	.39	4	60
034213	10	24	33	725	.2	82	14	846	3.97	268	5	ND	17	129	1.7	186	2	73	.95	.088	37	26	.43	1498	.02	6	1.23	.01	.10	3	70
034214	11	18	31	714	.2	76	13	895	3.84	423	5	ND	18	144	1.6	238	2	64	1.20	.120	48	34	.40	750	.01	7	1.09	.01	.17	3	94
034215	8	17	43	542	.3	58	12	962	3.70	561	5	ND	16	238	1.7	207	2	56	1.97	.079	41	34	.63	775	.01	8	1.10	.01	.16	2	146
034216	6	19	44	534	.2	52	12	867	3.75	289	5	ND	20	120	1.0	192	2	81	1.82	.119	60	33	.65	767	.01	5	1.01	.01	.13	2	62
034217	7	20	40	503	.2	54	15	1006	4.54	686	5	ND	16	129	1.1	562	2	69	1.94	.091	45	30	.76	779	.01	6	1.02	.01	.11	2	78
034218	5	18	32	405	.2	48	13	891	3.94	617	5	ND	17	216	.7	459	2	58	2.53	.114	49	35	.87	419	.01	3	1.04	.01	.22	1	67
034218 (D)	5	19	30	412	.3	49	14	889	3.94	630	5	ND	16	215	.6	476	2	57	2.51	.115	47	39	.85	420	.01	8	1.08	.01	.23	1	70
034219	7	21	87	533	1.2	49	12	1234	4.64	1283	5	ND	14	281	2.0	1375	2	54	2.77	.081	38	30	1.02	222	.01	8	.93	.01	.18	3	330
034220	6	36	121	1080	2.7	29	8	1653	3.98	2816	5	7	7	305	7.3	1574	2	47	2.94	.040	20	44	1.15	92	.01	10	.68	.01	.15	7	3971
034221	6	22	62	390	1.1	25	10	1300	3.99	2567	5	2	10	289	1.9	667	2	51	3.05	.042	23	43	1.14	131	.01	9	1.02	.01	.18	3	1331
034222	7	19	39	224	1.3	40	11	938	3.45	2774	5	ND	8	259	1.3	487	2	47	2.48	.032	20	49	.92	147	.01	8	.68	.01	.16	1	924
034223	8	28	86	582	1.9	56	12	1053	3.23	1224	5	ND	5	276	4.5	171	2	51	1.65	.037	20	40	.65	77	.01	7	.64	.01	.19	3	385
034224	5	17	52	213	.8	24	11	1067	3.65	3040	5	ND	10	355	.9	213	2	36	2.52	.044	24	42	1.00	113	.01	6	.71	.01	.16	1	418
034225	5	16	36	200	.6	23	11	1063	3.83	2048	5	ND	11	303	.5	507	2	45	2.93	.043	24	41	1.16	419	.01	7	.73	.01	.13	1	616
034226	5	19	44	193	.3	21	11	891	3.67	1512	5	ND	12	355	.5	1216	2	39	3.21	.042	27	36	1.15	759	.01	4	.73	.01	.14	1	286
STANDARD C/AU-R	19	60	44	132	7.3	71	32	1048	3.98	43	20	7	38	52	18.7	14	17	58	.49	.088	39	59	.88	178	.09	35	1.90	.07	.15	13	462

S. Golden. BCRC 91-591

S. Golden BCRC 91-592.

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-092 330 FILE # 91-4649 Page ,

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
034227	4	19	30	146	.3	18	8	756	3.00	788	5	ND	11	253	.4	314	2	36	2.98	.041	18	37	1.07	694	.01	5	.56	.01	.10	1	396
034228	4	18	39	119	.3	18	8	813	3.15	1454	5	ND	9	288	.5	850	2	24	3.32	.048	17	39	1.15	293	.01	5	.53	.01	.11	1	759
034229	25	21	28	127	.2	20	9	803	3.13	154	5	ND	11	342	.5	64	2	25	3.32	.085	31	29	1.17	338	.01	4	.57	.01	.13	1	61
034230	4	27	26	143	.2	30	11	860	3.48	139	7	ND	16	481	.7	49	2	22	3.41	.093	41	34	1.35	303	.01	5	.52	.01	.17	1	36
034231	3	25	43	434	1.5	24	11	882	3.43	1069	5	ND	6	63	2.9	2526	2	33	.16	.035	26	27	.05	614	.01	8	.76	.01	.13	1	957
034232	3	31	30	135	.4	37	11	969	3.40	135	5	ND	16	499	.7	38	2	18	3.47	.089	30	31	1.38	106	.01	5	.46	.01	.15	1	41
034233	3	31	19	152	.2	57	11	803	3.64	151	6	ND	16	443	.8	109	2	29	3.03	.099	39	33	1.21	119	.01	6	1.00	.01	.24	1	56
034234	19	21	32	743	.6	158	19	848	4.83	799	5	ND	13	78	1.4	275	2	45	.59	.084	42	35	.14	2033	.02	6	.92	.01	.15	1	122
034235	40	50	48	1075	1.9	233	24	1650	7.00	1398	5	ND	12	161	2.2	204	2	60	.08	.089	44	55	.03	2188	.01	6	.78	.01	.09	1	135
034236	36	31	34	845	1.5	183	18	1109	5.91	1387	5	ND	11	108	1.6	139	2	43	.09	.062	43	58	.04	1706	.01	8	.77	.01	.12	1	396
034237	27	15	24	641	1.0	129	8	426	5.05	1232	5	ND	9	89	.7	196	2	27	.11	.055	38	28	.05	1245	.01	12	.74	.01	.12	1	847
034238	30	15	25	490	2.4	117	9	596	3.43	1588	5	7	5	79	2.2	621	2	47	.08	.042	22	86	.03	1108	.01	10	.78	.01	.16	1	9768
034239	34	21	29	808	1.2	167	13	1124	4.04	680	5	ND	5	88	2.4	83	2	74	.07	.066	19	56	.03	1324	.01	9	.72	.01	.14	1	1507
034240	62	12	18	1319	.8	256	11	897	7.24	1538	5	ND	9	62	6.7	97	2	51	.06	.068	29	34	.02	2057	.01	8	.80	.01	.11	1	1639
034241	32	12	18	762	.7	129	11	1384	4.16	1854	5	ND	9	67	1.8	43	2	34	.06	.054	34	56	.02	967	.01	11	.84	.01	.12	1	1650
034242	22	19	26	725	.7	110	12	1150	4.13	2223	5	ND	12	62	4.5	34	2	44	.07	.044	32	30	.02	729	.01	8	.67	.01	.12	1	1276
034243	27	15	27	998	.6	152	10	802	4.18	874	5	ND	9	55	6.0	39	2	51	.06	.051	22	43	.02	639	.01	8	.83	.01	.09	1	484
034244	27	21	32	979	.6	156	13	1154	4.33	1376	5	ND	12	81	11.1	37	2	72	.06	.058	25	43	.02	988	.01	9	1.05	.01	.12	1	847
034245	34	16	30	897	.9	142	8	333	4.61	1786	5	2	13	73	9.7	54	2	79	.08	.057	33	29	.02	772	.01	12	.91	.01	.15	1	2739
034246	52	16	56	800	2.5	140	42	1661	3.01	570	5	ND	5	68	11.6	43	2	114	.05	.061	16	79	.01	1133	.01	8	.62	.01	.08	1	462
034247	39	16	19	359	2.0	53	14	571	1.59	165	7	ND	1	109	3.8	30	2	206	.04	.095	7	134	.01	2118	.04	3	.32	.01	.02	1	87
034248	30	25	18	142	4.4	25	6	169	1.20	111	9	ND	4	185	2.9	19	2	253	.07	.117	10	169	.03	2768	.04	5	.55	.01	.05	3	59
034249	24	30	14	243	2.5	41	5	105	1.44	135	7	ND	2	137	3.5	30	2	151	.05	.084	7	84	.01	1661	.01	4	.33	.01	.05	1	140
034250	29	38	10	291	1.1	54	9	253	1.66	159	5	ND	1	128	4.7	34	2	118	.07	.085	6	121	.02	1677	.01	4	.35	.01	.03	1	110
034251	37	53	10	459	2.2	80	6	78	2.71	216	5	ND	1	120	8.4	46	2	190	.07	.081	7	111	.02	1406	.01	6	.44	.01	.08	1	73
034252	31	50	11	629	1.6	57	4	42	2.86	205	5	ND	1	145	13.0	52	2	240	.09	.089	6	72	.01	1613	.01	5	.31	.01	.05	1	39
034253	26	46	13	276	2.7	31	2	32	1.48	107	5	ND	2	141	10.1	29	2	230	.10	.063	9	106	.02	1440	.03	6	.39	.01	.07	1	42
034254	25	38	8	743	.9	78	6	105	2.60	139	5	ND	1	109	11.0	24	2	185	.08	.078	6	112	.01	1431	.01	4	.34	.01	.04	1	24
RE 034250	27	33	10	289	1.1	53	9	242	1.63	155	5	ND	1	119	5.0	34	2	114	.07	.085	5	118	.02	1543	.01	3	.34	.01	.03	1	120
034255	32	40	11	705	1.1	80	6	73	2.91	226	5	ND	2	215	16.0	40	2	261	.10	.149	7	91	.01	2603	.01	5	.52	.01	.06	1	44
034256	29	38	9	629	1.9	69	4	138	2.73	209	5	ND	2	176	18.7	35	2	222	.10	.121	6	80	.02	1879	.01	4	.36	.01	.06	1	30
034257	39	37	10	570	.8	75	4	411	2.52	190	5	ND	1	134	22.2	29	2	250	.07	.101	4	137	.01	1860	.01	4	.33	.01	.04	1	29
034258 *	4	15	36	124	.3	13	8	586	2.96	272	5	ND	11	105	.9	30	2	71	1.61	.088	36	42	.95	1367	.16	3	1.27	.04	.32	1	495
034259	15	21	28	446	.7	58	9	266	3.75	1208	5	ND	10	129	3.8	44	2	27	.09	.057	39	18	.06	1070	.01	9	.91	.01	.16	1	517
034260	12	27	27	486	1.1	58	7	116	3.83	1166	7	ND	9	117	3.0	36	2	25	.05	.060	38	25	.03	1200	.01	7	.76	.01	.13	1	605
034261	12	17	27	475	.7	53	6	124	3.70	1138	5	ND	9	91	4.1	29	2	23	.05	.043	37	22	.03	1097	.01	10	.84	.01	.15	1	616
034262	9	23	38	727	.6	70	15	873	4.09	1150	5	ND	11	116	7.9	23	2	36	.07	.043	41	47	.04	1088	.01	11	1.22	.01	.18	1	594
STANDARD C/AU-R	19	57	38	132	6.9	71	32	1045	3.98	43	17	6	37	52	18.6	14	19	55	.48	.090	38	59	.88	172	.09	31	1.92	.06	.15	12	462

S. GOLDEN BCRE 91-592

S. GOLDEN BCRE 91-593

S. GOLDEN BCRE 91-594

* RESAMPLE GOLDEN ZONE (517) 18-20

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-092 330 FILE # 91-4649 Page 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
034263	8	18	41	622	1.2	73	9	333	3.66	2138	7	3	14	115	8.8	33	2	39	.06	.039	41	45	.03	1080	.01	8	1.07	.01	.13	1	2519
034264	9	19	28	421	1.3	61	7	172	3.38	3206	5	6	12	114	5.5	36	2	37	.06	.038	37	69	.03	1071	.01	8	1.05	.01	.14	1	5192
034265	10	16	24	501	1.2	56	17	1490	3.67	2766	5	4	11	113	4.3	26	2	36	.07	.041	38	91	.04	1078	.01	12	1.56	.01	.17	1	3586
034266	8	21	30	730	1.4	56	20	1764	3.95	3140	5	6	12	95	6.7	26	2	35	.08	.034	41	47	.03	884	.01	9	.79	.01	.13	1	4950
034267	11	23	34	640	1.4	63	12	909	3.73	3133	5	5	12	130	4.5	31	2	37	.08	.035	34	76	.03	922	.01	10	1.17	.01	.16	1	4279
034268	11	13	32	476	1.2	77	5	141	4.25	2637	5	2	15	109	1.3	44	2	34	.08	.036	38	54	.03	809	.01	9	1.00	.01	.14	1	2321
034269	11	17	33	379	1.6	44	5	147	3.71	2973	5	3	13	113	2.3	47	2	35	.08	.042	37	70	.03	915	.01	9	1.01	.01	.14	1	2783
034270	19	22	21	370	1.5	109	4	67	3.61	2479	5	2	9	92	1.5	148	2	55	.06	.048	22	95	.02	880	.01	6	1.26	.01	.09	1	2233
034271	26	16	26	660	2.1	103	4	37	4.23	1904	5	2	14	96	3.6	62	2	54	.07	.068	40	70	.03	1086	.01	14	1.47	.01	.18	1	1606
034272	16	11	30	382	.7	30	2	27	2.46	1288	5	ND	12	78	3.3	35	2	61	.07	.052	35	51	.03	866	.01	11	.91	.01	.14	1	484
034273	11	6	31	188	.9	12	2	21	1.37	1477	5	ND	9	79	1.5	18	2	69	.07	.054	30	60	.04	1308	.01	16	.91	.01	.23	1	319
034274	21	11	25	161	.7	16	2	62	1.61	625	5	ND	6	139	1.0	22	2	107	.09	.064	23	27	.05	1711	.01	15	.78	.01	.31	1	142
034275	19	11	18	53	.6	16	2	286	.73	178	5	ND	6	173	.8	10	2	129	.08	.060	19	38	.06	2134	.01	22	.90	.01	.33	1	34
034276	15	5	19	50	.2	15	1	92	.90	97	5	ND	6	133	.4	11	2	83	.09	.045	20	50	.09	1497	.01	30	1.34	.01	.55	1	31
034277	19	20	17	90	.5	23	2	19	.94	84	5	ND	5	211	.2	12	2	120	.09	.083	17	36	.06	2282	.01	20	.83	.01	.30	1	12
034278	9	12	17	28	.5	11	2	26	.38	34	5	ND	5	187	.2	6	2	96	.09	.074	17	33	.05	2674	.01	20	.82	.01	.28	1	18
034279	10	9	23	44	1.0	14	2	12	.39	37	5	ND	6	207	.2	11	2	80	.10	.075	20	47	.08	3100	.01	31	1.20	.01	.38	1	22
RE 034284	12	19	20	422	.7	52	6	133	3.99	1268	5	ND	10	124	2.8	139	3	28	.11	.053	37	25	.05	1018	.01	10	.84	.01	.19	1	913
034280	12	12	14	26	.9	14	3	18	.36	42	5	ND	3	392	.5	10	2	157	.07	.159	13	109	.04	4728	.01	21	.89	.01	.22	1	20
034281	9	10	16	48	.5	13	2	10	.58	33	5	ND	5	174	.5	9	2	112	.07	.065	17	38	.06	2193	.01	24	.91	.01	.35	1	11
034282	16	25	18	54	1.6	20	2	19	.56	44	5	ND	3	268	1.8	6	2	264	.09	.137	15	107	.06	3400	.01	23	1.01	.01	.27	1	22
034284	13	21	21	423	.8	52	6	134	4.02	1277	5	ND	11	127	2.7	139	3	28	.11	.053	38	26	.05	1026	.01	9	.85	.01	.21	1	924
034285	10	26	36	623	.5	62	15	431	4.27	710	5	ND	14	155	2.0	87	2	45	.24	.061	38	54	.10	1241	.01	12	1.30	.01	.25	1	149
034286	18	28	38	759	.3	85	14	356	5.37	1133	5	ND	15	120	4.4	62	2	50	.05	.048	30	30	.02	826	.01	5	.97	.01	.10	1	77
034287	19	21	46	664	.5	79	12	424	5.17	1521	5	ND	14	107	7.1	78	2	48	.05	.042	29	34	.02	872	.01	6	.91	.01	.11	1	462
034288	15	22	37	602	.6	68	13	442	4.40	999	6	ND	15	114	4.8	64	2	54	.07	.041	31	46	.04	1013	.01	7	1.04	.01	.10	1	594
034289	14	17	43	546	.6	60	13	459	4.09	1005	6	ND	14	121	4.4	72	2	55	.04	.043	29	54	.02	960	.01	6	1.25	.01	.08	2	638
034290	13	22	43	654	.3	69	13	384	4.45	990	5	ND	14	115	3.5	65	2	57	.04	.039	29	46	.01	860	.01	4	1.02	.01	.06	1	308
034291	8	22	39	470	.3	47	15	495	3.45	657	5	ND	15	132	3.3	47	2	54	.08	.046	30	44	.04	1159	.01	5	1.17	.01	.03	1	116
034292	12	21	80	698	.9	69	13	429	4.59	1051	5	2	16	117	4.4	68	2	58	.04	.041	31	40	.02	860	.01	5	1.05	.01	.08	1	2002
034293	10	17	44	1000	.6	74	13	532	4.18	952	5	ND	17	115	4.5	43	2	59	.04	.038	33	56	.03	861	.01	5	1.02	.01	.10	1	825
034294	15	21	41	1106	.4	115	17	867	5.69	1140	5	ND	17	129	3.7	63	3	63	.04	.045	36	62	.04	972	.01	7	1.44	.01	.11	1	561
034295	7	23	50	1198	.2	90	21	1157	4.84	600	5	ND	16	127	3.1	38	3	66	.06	.043	34	50	.07	967	.01	6	1.16	.01	.08	1	24
034296	10	23	38	1108	.3	89	16	1044	5.11	731	5	ND	16	107	5.3	51	3	68	.08	.042	37	53	.08	993	.01	3	1.11	.01	.06	1	264
034297	17	24	44	1183	.2	113	13	479	4.25	531	5	ND	19	82	3.2	65	2	72	.08	.065	36	54	.02	858	.01	3	1.15	.01	.06	1	64
034298	18	27	43	1093	.3	98	11	327	3.79	559	5	ND	24	40	2.1	48	2	71	.30	.125	77	40	.08	332	.01	4	1.06	.01	.12	1	40
STANDARD C/AU-R	19	63	36	131	7.2	70	33	1055	3.98	39	18	7	39	52	18.6	16	20	56	.48	.090	40	59	.87	179	.09	32	1.90	.06	.15	12	462

S. GOLDEN BORE 91-594

S. GOLDEN BORE 91-595

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-092 330 FILE # 91-4649

ACME ANALYTICAL

S. GOLDEN BERE 91-595

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
034299	40	15	40	1155	.5	139	10	581	5.71	1153	6	ND	17	103	3.5	146	2	69	.08	.103	42	23	.03	1173	.01	7	1.33	.01	.23	7	374
034300	60	21	36	1594	.1	146	10	2280	5.31	1167	5	ND	13	129	2.7	138	2	84	.06	.097	27	16	.02	1712	.01	5	1.34	.01	.10	10	91
034301	46	12	35	778	.3	134	11	3099	3.08	1061	6	ND	11	103	4.2	123	2	62	.07	.057	27	14	.03	1223	.01	6	1.06	.01	.12	6	275
034302	31	21	31	1011	.2	89	10	591	4.30	1250	6	ND	13	102	4.1	112	3	78	.05	.081	24	24	.02	983	.01	7	1.37	.01	.08	7	242
034303	26	24	19	494	.8	53	8	507	2.54	780	5	ND	5	94	2.6	77	2	67	.05	.054	19	32	.02	813	.01	7	.70	.01	.13	3	913
034304	14	17	11	123	1.2	19	2	68	.97	182	5	ND	3	89	.7	29	2	83	.06	.042	15	13	.03	1296	.01	11	.68	.01	.20	1	209
RE 034301	45	12	35	768	.3	132	11	3005	3.06	1054	5	ND	11	103	4.1	123	2	62	.06	.054	26	15	.02	1226	.01	5	1.03	.01	.12	5	286
034305	17	61	18	127	2.2	41	6	96	1.10	114	5	ND	3	352	2.2	27	2	226	.08	.257	13	1	.05	5767	.01	19	1.15	.01	.24	1	73
034306	18	138	18	156	3.3	55	9	46	1.79	77	6	ND	3	466	3.7	20	2	257	.11	.479	14	1	.06	6575	.01	23	1.42	.01	.27	1	118
034307	20	49	15	127	1.6	49	4	29	.63	77	5	ND	1	323	6.0	20	2	352	.12	.216	9	35	.04	3917	.01	12	.88	.01	.17	1	63
166698	3	55	26	433	.4	55	15	1207	2.68	196	10	ND	17	27	12.3	8	2	77	.28	.146	55	27	.03	494	.01	3	.90	.01	.11	1	99
166699	4	56	45	445	.1	29	18	997	4.92	437	5	ND	14	63	7.2	10	2	72	.09	.085	39	17	.02	1056	.01	2	.83	.01	.06	4	177
166700	3	18	38	216	.3	29	10	539	4.51	354	9	ND	15	70	1.9	7	2	85	.12	.083	37	27	.03	1049	.01	4	1.08	.01	.06	2	27
STANDARD C/AU-R	18	55	39	132	6.8	71	32	1043	3.98	40	17	6	35	54	18.7	16	18	57	.48	.090	38	58	.88	179	.09	34	1.88	.07	.15	11	473

Samples beginning 'RE' are duplicate samples.

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
034308	6	16	40	432	.2	53	16	1282	4.78	578	5	ND	14	91	1.0	233	2	69	.15	.058	38	26	.05	1082	.01	3	.72	.01	.05	3	259
034309	4	17	37	431	.3	51	13	595	3.76	618	5	ND	14	82	.6	139	2	68	.22	.070	33	28	.31	934	.08	4	1.43	.01	.25	2	302
034310	5	17	40	332	.3	34	13	883	4.14	552	5	ND	12	74	.6	229	2	67	.88	.030	22	29	.22	856	.01	5	.82	.01	.06	1	153
034311	7	17	38	583	.2	64	14	871	4.83	776	5	ND	14	71	.8	498	2	69	.12	.051	30	24	.02	828	.01	5	.69	.01	.06	3	97
034312	7	16	37	618	.4	62	13	668	4.36	1471	5	ND	10	77	.6	444	2	58	.06	.029	24	20	.01	732	.01	5	.64	.01	.06	3	1253
034313	11	16	38	656	.8	83	13	631	4.73	2144	5	ND	11	60	1.1	653	2	52	.08	.023	26	24	.02	563	.01	7	.66	.01	.09	6	1642
034314	9	18	37	606	.2	63	14	768	3.91	465	5	ND	13	94	1.3	250	2	74	.12	.038	18	23	.05	1082	.01	3	.76	.01	.03	3	140
034315	9	17	33	704	.1	63	13	567	4.03	582	5	ND	11	77	1.2	236	2	72	.04	.028	18	29	.01	729	.01	2	.82	.01	.03	6	121
034316	12	16	27	649	.3	75	12	615	4.22	1033	6	ND	10	76	1.4	285	2	58	.04	.025	21	24	.01	670	.01	6	.81	.01	.07	4	1177
034317	12	15	32	695	.1	76	13	603	3.85	651	5	ND	9	75	1.4	330	2	60	.04	.028	17	24	.01	658	.01	4	.80	.01	.06	4	85
034318	13	15	34	668	.4	82	14	762	4.01	1026	5	ND	10	78	1.4	274	2	56	.05	.032	18	21	.02	739	.01	4	.84	.01	.09	3	1685
034319	22	16	30	1075	.3	132	19	1172	5.17	1100	5	ND	9	72	3.7	549	2	67	.05	.035	16	22	.02	705	.01	6	.92	.01	.08	5	529
034320	18	13	35	922	.3	105	14	523	4.84	1370	5	ND	7	61	3.2	586	2	36	.06	.032	29	15	.02	559	.01	4	.70	.01	.14	5	961
034321	18	24	72	970	1.7	87	13	454	5.08	1889	6	2	7	65	5.0	22301	18	40	.10	.034	20	8	.02	597	.01	8	.74	.01	.14	4	2149
034322	18	16	79	997	.5	109	10	415	5.01	519	5	ND	10	84	1.9	1532	2	37	.05	.053	33	2	.03	936	.01	7	.78	.01	.15	4	124
034323	18	19	87	1143	.5	135	13	708	5.31	432	5	ND	12	53	2.6	280	2	30	.16	.102	42	4	.04	594	.01	6	.72	.01	.19	5	47
034324	26	37	92	1371	.7	161	21	543	6.50	566	5	ND	11	129	3.5	354	2	59	.13	.148	47	15	.04	1558	.01	7	.79	.01	.17	6	64
034325	20	53	31	775	.4	121	12	167	4.47	443	5	ND	8	141	2.9	183	2	77	.10	.086	35	8	.03	1615	.01	8	.66	.01	.18	3	27
034326	24	37	36	1102	.1	161	17	729	4.75	370	6	ND	18	128	3.2	168	2	47	.07	.076	59	14	.04	1348	.01	7	.83	.01	.17	5	28
RE 034322	19	17	80	996	.5	109	10	413	4.97	517	5	ND	10	85	2.0	1437	2	37	.05	.053	32	7	.03	930	.01	6	.82	.01	.16	5	131
034327	28	35	25	1138	.3	162	20	594	4.98	317	7	ND	17	123	3.1	95	2	41	.17	.085	56	2	.06	1733	.01	9	.72	.01	.21	5	19
034328	34	39	24	656	.3	117	13	153	3.89	279	5	ND	6	97	1.8	54	2	44	.13	.054	30	1	.06	1081	.01	7	.63	.01	.21	3	8
034329	16	24	44	818	.2	114	18	423	4.22	109	5	ND	8	59	2.9	20	2	52	.27	.087	33	35	.40	587	.01	8	1.06	.01	.24	3	6
034330	16	37	19	531	.3	100	16	201	3.95	84	5	ND	6	68	5.6	23	2	40	.09	.039	28	10	.15	183	.01	10	.70	.01	.26	2	9
034331	16	35	37	1090	.2	147	19	921	4.83	158	5	ND	22	153	2.4	50	2	42	.29	.073	66	16	.07	1747	.01	10	1.06	.01	.22	6	19
034332	16	38	30	462	.5	69	13	601	4.00	599	5	ND	11	107	2.3	96	2	88	.21	.090	33	42	.19	1409	.04	6	1.17	.01	.13	3	292
034333	14	22	91	487	.9	60	12	418	3.40	545	5	ND	12	97	2.2	369	2	63	.13	.065	34	40	.08	1060	.01	5	.93	.01	.11	3	713
034334	14	18	71	432	1.0	56	12	504	3.42	409	8	ND	14	94	1.2	166	2	53	.09	.056	35	25	.05	967	.01	10	.94	.01	.12	3	157
034335	17	20	32	564	.3	73	17	727	4.75	363	5	ND	15	58	.9	41	2	73	.27	.122	50	23	.06	681	.01	5	.88	.01	.10	3	70
034336	14	18	25	492	.3	85	16	991	4.60	307	5	ND	15	46	.8	44	2	80	.39	.121	46	31	.34	1006	.09	3	1.53	.01	.35	2	72
034337	18	22	30	461	.3	87	16	1162	4.60	465	5	ND	16	41	.6	39	2	73	.32	.114	63	25	.14	807	.02	6	1.05	.01	.19	2	59
034338	11	16	25	445	.2	96	15	1378	3.74	321	5	ND	16	42	.3	29	2	66	.44	.125	46	18	.34	1113	.07	3	1.33	.01	.28	1	34
034339	9	15	26	568	.3	123	19	1441	4.29	322	5	ND	16	48	.2	35	3	73	.46	.115	50	4	.62	2353	.18	5	2.00	.02	.67	2	26
034340	25	31	33	935	.2	178	30	1210	5.99	798	5	ND	16	93	.5	87	2	73	.39	.163	63	10	.16	2866	.03	5	1.01	.01	.21	4	13
034341	26	29	28	1090	.3	183	28	910	6.78	853	5	ND	15	87	1.9	74	2	75	.42	.159	66	29	.09	1110	.01	3	.91	.01	.15	4	6
034342	22	16	25	1187	.2	206	26	941	6.30	729	5	ND	15	53	.5	31	2	68	.47	.121	52	9	.22	1562	.02	2	1.37	.01	.16	5	33
034343	36	17	21	1282	.1	232	17	1355	5.70	763	5	ND	16	45	1.2	74	2	72	.38	.136	59	21	.09	965	.01	3	1.02	.01	.16	6	30
STANDARD C/AU-R	18	57	38	130	6.8	70	34	1035	3.94	40	18	6	36	54	18.4	14	19	55	.48	.089	37	56	.88	175	.09	31	1.88	.06	.15	13	464

GOLDEN BCRC 91-596

GOLDEN BCRC 91-597

Samples beginning 'RE' are duplicate samples.

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
034344	22	16	34	1225	.5	167	19	1017	4.42	515	5	ND	17	38	1.6	354	2	55	.39	.127	59	18	.09	698	.01	5	.79	.01	.14	8	140
034345	27	22	54	1360	2.4	170	14	310	4.83	758	5	ND	15	38	2.8	410	2	44	.24	.103	55	15	.05	378	.01	6	.67	.01	.15	9	155
034346	44	11	24	1034	1.0	141	9	313	5.35	1311	5	ND	10	122	3.3	348	2	31	.09	.083	46	11	.03	991	.01	6	.58	.01	.17	8	840
034347	41	10	33	721	.9	122	9	257	3.75	927	5	ND	10	157	3.5	116	2	49	.08	.080	46	12	.04	1438	.01	11	.79	.01	.16	6	1080
034348	30	12	30	851	1.0	121	9	260	3.53	943	5	ND	11	86	3.5	61	2	74	.05	.071	42	23	.02	827	.01	7	.59	.01	.10	7	1730
034349	25	6	26	396	1.0	58	7	554	2.37	1366	5	ND	10	55	15.5	27	2	83	.06	.043	42	25	.02	657	.01	7	.50	.01	.12	4	2280
034350	27	18	22	677	1.0	70	8	340	3.86	1815	5	2	13	84	20.2	33	2	103	.07	.073	44	27	.02	523	.01	9	.56	.01	.11	6	3850
034351	42	30	25	949	.7	98	11	545	4.56	1173	5	ND	13	93	22.4	44	2	164	.07	.107	40	29	.02	955	.01	12	.89	.01	.15	8	1710
034352	31	35	16	375	1.3	50	8	245	1.80	215	5	ND	3	134	10.3	29	2	215	.06	.052	12	52	.03	1855	.01	9	.54	.01	.09	4	100
034353	29	35	20	416	1.7	50	5	326	1.92	184	7	ND	2	110	16.3	37	2	281	.06	.076	10	59	.02	1737	.01	6	.42	.01	.06	4	22
034354	21	23	23	304	.8	31	3	142	1.49	130	5	ND	1	101	14.5	23	2	227	.07	.058	9	79	.02	1344	.01	5	.32	.01	.07	2	58
034355	17	18	32	190	.8	23	3	70	1.17	111	5	ND	2	171	13.6	16	2	144	.09	.072	11	55	.02	1924	.01	10	.40	.01	.13	2	56
034356	16	16	22	177	.7	30	3	237	.87	87	7	ND	3	79	15.1	50	2	74	.10	.022	12	43	.02	685	.01	10	.28	.01	.12	1	21
034357	18	18	13	159	.4	28	3	206	.78	73	5	ND	2	77	13.8	13	2	89	.10	.021	11	85	.02	589	.01	8	.26	.01	.12	1	45
034358	14	17	18	153	.2	28	11	335	.59	68	5	ND	1	70	14.0	7	2	71	.11	.017	10	65	.02	522	.01	5	.23	.01	.12	1	16
034359	17	16	30	140	.6	25	10	308	.68	53	5	ND	2	86	12.5	8	2	72	.10	.018	11	75	.02	531	.01	8	.20	.01	.12	1	16
RE 034355	15	17	34	181	.9	21	3	69	1.10	106	5	ND	2	163	13.6	14	2	137	.09	.067	11	52	.02	1792	.01	8	.39	.01	.13	1	44
034360	15	15	22	123	.3	21	4	125	.64	64	5	ND	1	71	9.7	9	2	70	.08	.017	9	82	.02	484	.01	4	.19	.01	.10	1	15
STANDARD C/AU-R	18	57	43	132	7.3	70	32	1038	3.93	42	18	7	39	52	19.0	15	18	60	.48	.091	40	58	.88	176	.09	35	1.88	.07	.15	11	470

Samples beginning 'RE' are duplicate samples.

GOLDEN BORE 91-597.

TO NORANDA YT

SEP-27-1991 11:36 FROM ACME ANALYTICAL

E.004/007

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
034361	3	45	17	225	.1	54	23	371	4.03	19	5	ND	5	41	1.3	5	2	44	.12	.031	12	39	.58	1065	.01	3	1.90	.02	.16	1	13
034362	2	55	13	516	.2	112	29	458	4.32	71	5	ND	6	90	1.4	11	2	44	.20	.026	14	35	.49	1691	.01	3	1.91	.02	.23	1	16
034363	2	54	20	473	.1	99	31	471	4.60	26	5	ND	5	91	1.7	5	2	40	.12	.024	13	30	.52	775	.01	2	1.90	.02	.20	1	4
034364	1	52	22	485	.4	102	30	427	5.09	19	5	ND	8	126	2.6	6	3	43	.11	.032	17	31	.41	843	.01	2	1.56	.02	.18	1	7
034365	4	47	15	371	.4	71	19	169	3.31	23	5	ND	6	91	6.3	7	2	44	.09	.025	14	26	.22	735	.01	3	1.13	.02	.18	1	7
034366	11	59	22	463	.6	78	20	109	2.91	33	5	ND	4	93	12.4	12	2	58	.09	.022	11	48	.11	183	.01	4	.77	.01	.19	1	1
034367	7	51	20	342	.2	65	20	459	3.75	32	5	ND	9	219	7.4	5	2	82	1.41	.060	34	45	.98	327	.01	4	.76	.01	.14	1	9
034368	7	49	22	363	.5	76	20	497	4.11	52	5	ND	11	220	6.0	10	2	72	1.41	.059	35	44	.97	73	.01	7	.81	.01	.18	1	19
034369	11	44	21	330	.4	79	18	360	3.67	31	5	ND	6	159	3.3	7	2	41	.70	.028	23	32	.72	45	.01	6	.57	.01	.18	1	7
034370	5	38	27	280	.3	62	18	533	4.09	56	5	ND	10	211	1.6	23	2	34	1.32	.024	30	27	1.06	77	.01	4	.50	.01	.17	1	1
034371	3	36	34	208	.4	34	16	805	3.78	90	5	ND	19	368	.4	18	2	28	2.56	.048	46	25	1.34	237	.01	3	.53	.01	.16	1	8
034372	3	33	28	180	.3	26	15	899	3.89	521	5	ND	20	479	.3	19	2	20	3.00	.048	46	28	1.40	95	.01	3	.49	.01	.15	1	1
034373	3	36	26	204	.4	29	17	1011	4.06	727	5	ND	22	457	.4	19	2	26	3.23	.057	44	28	1.40	73	.01	3	.50	.01	.15	1	180
034374	5	33	32	207	.3	35	15	917	3.96	1452	7	ND	10	206	.8	33	2	28	1.15	.025	26	30	.70	122	.01	4	.58	.01	.15	1	560
034375	2	19	25	128	.3	22	12	755	3.31	796	5	ND	8	373	.2	30	2	17	2.99	.022	18	18	1.17	227	.01	5	.48	.01	.13	1	200
034376	2	24	28	146	.1	23	14	925	3.73	174	5	ND	9	426	.3	17	2	20	3.27	.028	19	15	1.39	202	.01	3	.54	.01	.14	1	26
034377	2	25	35	131	.1	21	13	752	3.63	200	5	ND	6	203	.3	28	2	20	1.62	.022	14	20	.77	61	.01	4	.69	.01	.16	1	33
034378	3	22	33	153	.1	24	15	1041	3.81	288	5	ND	9	98	.2	34	2	31	.27	.018	15	33	.27	263	.01	4	.58	.01	.12	1	250
034379	3	31	47	157	.4	32	16	943	3.65	876	5	2	13	81	.3	43	2	40	.16	.020	23	40	.28	293	.01	3	.47	.01	.09	1	1740
034380	2	29	65	246	.7	22	13	1061	3.54	919	7	ND	8	176	1.0	47	2	45	1.24	.025	15	26	.72	211	.01	2	.54	.01	.09	1	1290
034381	3	19	74	438	1.2	13	9	1439	3.31	2208	5	4	9	275	4.1	61	2	45	2.82	.019	17	30	1.17	144	.01	4	.55	.01	.08	1	4980
034382	3	18	43	164	.7	13	9	1487	3.34	1581	5	2	9	307	1.3	41	2	36	2.90	.016	16	26	1.19	95	.01	4	.46	.01	.08	1	2460
034383	3	21	47	172	.8	17	10	1489	3.40	1620	5	2	11	389	1.1	34	2	35	3.21	.020	20	29	1.30	54	.01	4	.56	.01	.11	1	2450
RE 034379	3	34	48	160	.4	33	17	979	3.76	916	5	2	13	81	.4	40	2	40	.19	.019	23	40	.32	271	.01	3	.47	.01	.09	1	1690
034384	3	22	38	142	.6	19	10	943	3.29	565	5	ND	16	253	.9	26	2	49	2.47	.044	35	37	1.07	105	.01	5	.69	.01	.12	1	660
034385	2	52	22	402	.1	108	58	793	4.46	36	5	ND	5	53	3.0	7	2	46	.19	.026	7	36	.79	791	.01	3	2.20	.02	.20	1	22
034386	3	54	21	431	.1	82	30	481	4.41	25	5	ND	6	63	1.7	5	2	44	.16	.027	6	43	.74	477	.01	2	1.94	.01	.18	1	7
034387	2	50	20	431	.2	78	28	386	4.19	25	5	ND	6	58	2.1	6	2	47	.14	.026	7	32	.71	557	.01	3	1.90	.02	.18	1	9
034388	2	48	15	443	.1	88	29	389	4.37	26	5	ND	6	61	1.0	4	2	46	.16	.026	9	31	.72	550	.01	3	1.86	.02	.18	1	19
034389	2	48	27	404	.1	100	29	204	4.23	23	5	ND	5	59	.6	5	2	42	.15	.028	8	30	.73	915	.01	3	1.83	.01	.18	1	6
034390	2	40	32	211	.3	49	20	573	3.82	21	5	ND	21	285	.3	2	2	45	2.00	.066	49	41	1.23	567	.01	3	1.18	.02	.16	1	8
034391	4	37	28	188	.4	42	20	714	3.77	20	5	ND	24	376	.8	4	2	45	2.55	.076	55	45	1.33	411	.01	4	.73	.02	.17	1	6
034392	9	45	17	267	.5	67	19	377	3.14	22	5	ND	7	298	.9	7	2	39	.76	.039	23	49	.55	110	.01	6	.73	.02	.22	1	3
034393	12	46	18	251	.3	76	15	284	3.08	25	5	ND	5	467	1.2	8	2	32	.97	.029	18	41	.61	44	.01	4	.50	.01	.17	1	2
034394	7	41	19	206	.1	76	19	347	4.01	22	5	ND	5	132	.3	6	3	29	.29	.025	24	28	.71	54	.01	6	.87	.02	.29	1	1
034395	12	38	16	194	.3	70	17	262	3.72	33	5	ND	5	111	.5	5	2	25	.27	.022	20	24	.48	31	.01	6	.68	.02	.23	1	1
034396	18	39	17	191	.4	80	13	128	3.40	39	5	ND	3	95	.8	7	2	23	.37	.020	13	27	.25	20	.01	5	.53	.02	.17	1	3
STANDARD C/AU-R	18	62	38	131	6.9	72	33	1039	3.95	41	21	6	40	52	18.1	15	18	57	.49	.083	38	57	.84	176	.07	33	1.93	.06	.13	13	480

Samples beginning 'RE' are duplicate samples.

GOLDEN BEAR 91-598

GOLDEN BEAR 91-599

SEP-27-1991 11:37 FROM ACME ANALYTICAL TO NORANDA YT P.005/007

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
034397	7	39	16	222	.2	70	18	412	4.05	27	5	ND	5	123	.7	3	2	30	.47	.031	23	30	.74	88	.01	7	.75	.02	.25	1	7
034398	5	39	17	226	.2	68	18	405	3.93	23	5	ND	5	107	.8	4	2	29	.46	.023	23	29	.78	124	.01	6	.59	.01	.21	1	1
034399	8	40	15	378	.3	67	14	272	3.22	25	5	ND	5	121	3.1	37	2	42	.68	.031	20	33	.66	58	.01	5	.62	.02	.22	1	10
034400	8	39	21	377	.3	70	17	221	3.15	28	5	ND	6	95	2.6	19	2	34	.42	.027	25	29	.57	60	.01	7	.59	.02	.23	1	6
034401	9	39	23	306	.3	66	14	323	3.25	140	5	ND	4	181	1.9	23	2	39	1.52	.033	19	33	.89	60	.01	4	.54	.01	.20	1	2
034402	5	36	20	221	.2	64	16	368	4.00	134	5	ND	4	162	.8	27	2	34	1.50	.023	18	28	.90	50	.01	5	.47	.01	.19	1	2
034403	7	34	22	221	.2	70	15	352	3.20	64	5	ND	6	186	.9	30	2	28	1.29	.025	18	23	.69	62	.01	4	.53	.01	.20	1	3
034404	4	21	32	151	.3	30	11	645	3.12	683	5	2	6	167	.5	106	2	41	1.95	.025	13	28	.85	155	.01	4	.65	.01	.12	1	1280
034405	3	16	60	151	.7	16	9	924	3.62	1748	5	2	6	256	.5	165	2	29	2.66	.025	12	27	1.04	72	.01	5	.63	.01	.12	1	2160
034406	4	15	43	193	.7	17	8	899	3.16	1164	5	2	5	246	.8	47	2	21	3.05	.016	10	31	1.15	62	.01	4	.41	.01	.11	1	750
034407	5	15	34	121	.6	22	8	915	2.85	1409	5	2	5	254	.5	42	2	24	2.49	.016	11	39	.99	64	.01	5	.50	.01	.11	1	1930
034408	3	15	43	134	.5	14	9	833	3.47	753	5	ND	9	238	.3	41	2	34	2.94	.023	16	34	1.14	100	.01	4	.62	.01	.10	1	390
034410	3	16	20	108	.3	23	12	807	3.53	61	5	ND	10	112	.2	13	2	21	1.07	.086	33	24	.19	506	.01	6	.61	.01	.20	1	1
034411	3	18	17	107	.1	25	12	675	3.34	30	5	ND	11	165	.2	8	2	27	2.29	.091	32	30	.54	328	.02	6	.74	.02	.29	1	5
034412	3	18	15	123	.2	35	14	776	3.40	20	5	ND	11	115	.2	8	2	40	2.04	.092	35	33	.46	647	.07	5	.97	.02	.38	1	2
034413	3	15	13	141	.2	39	17	1058	3.54	42	5	ND	11	100	.2	15	2	26	1.15	.108	38	29	.31	522	.01	10	.82	.02	.28	1	22
034414	4	25	26	165	.3	51	20	758	3.72	395	5	ND	10	86	.4	50	2	22	.49	.082	38	23	.19	550	.01	6	.79	.01	.30	1	27
034415	3	14	74	213	.5	26	13	946	3.55	836	6	ND	12	102	.4	56	2	17	.98	.077	34	15	.11	634	.01	8	.65	.01	.21	1	7
034416	3	15	74	186	1.0	19	11	1013	3.50	1237	5	ND	11	156	.5	173	2	16	1.66	.050	24	17	.28	698	.01	8	.73	.01	.22	1	290
034417	4	15	45	139	.4	18	11	825	3.36	588	5	ND	11	156	.2	139	2	34	1.89	.040	27	25	.40	1037	.01	6	1.08	.01	.22	1	210
034418	3	14	43	160	.5	20	13	1052	3.65	2007	5	ND	12	127	.2	140	2	27	1.21	.041	29	17	.15	1099	.01	6	1.00	.01	.22	1	1120
034419	3	25	60	139	1.4	31	15	734	3.77	3835	5	ND	9	117	.2	143	2	18	.49	.026	30	20	.18	877	.01	7	.91	.01	.30	1	2980
034420	4	24	50	170	.6	33	14	885	3.98	389	5	ND	10	164	.4	74	2	42	1.61	.041	34	19	.43	1332	.01	5	1.00	.01	.21	1	7
034421	4	14	79	210	.5	16	11	845	3.66	398	5	ND	9	188	.6	71	2	39	2.21	.040	22	30	.72	789	.01	4	.87	.01	.14	1	28
034422	3	14	160	207	.9	15	10	716	3.26	255	5	ND	10	239	.8	48	2	26	2.86	.083	21	25	.82	682	.01	5	.70	.01	.21	1	55
034423	5	18	202	317	1.5	15	11	773	3.74	151	6	ND	13	154	1.6	49	2	70	1.64	.102	37	47	.62	1045	.01	6	1.43	.01	.19	1	33
034424	5	16	49	313	.6	28	14	1092	3.49	139	5	ND	11	123	1.2	41	2	59	1.37	.074	34	38	.27	1015	.01	4	.90	.01	.19	1	4
034425	4	11	51	172	.3	24	10	813	3.00	87	5	ND	8	250	.5	33	2	20	3.04	.047	21	16	.82	767	.01	7	.86	.01	.28	1	9
034426	3	9	30	126	.3	12	9	833	3.44	459	5	ND	9	232	.3	41	2	12	2.91	.049	17	18	.89	292	.01	7	.73	.01	.26	1	5
034427	3	11	20	137	.2	14	10	872	3.69	315	5	ND	11	181	.2	40	2	38	2.26	.050	24	17	.78	756	.01	5	.76	.01	.16	1	30
034428	3	14	19	141	.2	15	11	773	3.51	153	5	ND	15	123	.3	91	2	65	1.90	.100	43	34	.68	676	.01	4	.77	.01	.12	1	6
034429	3	13	25	126	.2	12	9	775	3.30	226	5	ND	14	152	.2	369	2	50	2.57	.081	41	30	.88	560	.01	4	.63	.01	.12	1	5
034430	3	14	22	116	.2	15	10	575	3.07	49	5	ND	15	100	.2	37	2	64	1.88	.104	43	30	.91	1082	.09	2	1.17	.02	.36	1	4
RE 034427	3	9	20	128	.2	13	10	807	3.44	291	5	ND	10	167	.2	37	2	35	2.09	.045	23	15	.73	736	.01	3	.71	.01	.15	1	44
034431	3	14	37	124	.5	14	9	771	3.32	794	5	ND	13	156	.2	35	2	60	2.38	.087	37	31	.93	669	.11	3	.99	.02	.39	1	990
034432	8	30	630	684	4.7	60	14	1536	4.39	2049	7	ND	14	102	3.0	1957	2	33	.10	.046	42	12	.03	1165	.01	6	.79	.01	.14	4	410
STANDARD C/AU-R	19	56	35	134	6.6	71	32	1052	3.99	38	17	6	36	52	18.2	14	18	56	.50	.093	35	59	.87	178	.09	34	1.90	.06	.15	13	470

GOLDEN BCRC 91-599

GOLDEN BCRC 91-600

GOLDEN BCRC 91-601 A

Samples beginning 'RE' are duplicate samples.

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
034433	10	57	1509	910	22.1	56	16	1700	5.68	3223	6	2	12	78	6.5	3402	2	48	.12	.039	44	17	.03	907	.01	12	.83	.01	.18	6	1150
034434	10	23	311	574	4.3	62	15	1945	3.87	3243	5	4	10	87	4.1	3085	2	38	.12	.031	37	44	.03	938	.01	9	.85	.01	.11	3	5660
034435	11	18	148	597	3.7	70	14	1948	3.52	3207	5	10	9	98	2.5	3304	2	31	.12	.036	32	29	.02	1054	.01	9	.82	.01	.09	3	9970
034436	15	17	171	640	2.9	55	16	2094	3.45	2560	7	2	10	85	2.2	5318	2	31	.10	.034	34	32	.02	923	.01	9	.59	.01	.09	3	2360
034437	18	21	193	613	2.9	49	16	1669	4.05	2142	5	2	10	100	3.1	12733	2	34	.12	.046	36	23	.02	977	.01	9	.76	.01	.11	4	2500
034438	14	15	65	972	1.1	91	15	1802	4.14	1582	7	ND	12	92	1.8	846	2	45	.17	.032	33	21	.03	770	.01	13	.97	.01	.15	6	680
034439	35	16	134	924	1.6	97	12	875	4.40	1356	5	ND	14	113	3.3	832	2	34	.08	.061	41	18	.04	1218	.01	16	1.01	.01	.21	5	460
034440	28	15	71	685	1.0	78	12	798	4.50	1231	6	ND	10	90	1.1	861	2	30	.07	.047	36	5	.04	1112	.01	13	.83	.01	.19	4	640
034441	15	15	73	531	.9	54	12	909	4.31	1815	5	ND	9	71	1.4	2556	2	25	.23	.030	29	6	.06	668	.01	10	.77	.01	.17	3	1240
034442	11	9	45	538	.3	57	16	1267	3.98	1156	5	ND	8	63	1.0	121	2	26	.28	.019	21	9	.12	636	.01	10	.82	.01	.18	3	1230
034443	29	12	75	720	.6	97	11	448	4.60	1533	5	ND	8	73	1.4	206	2	20	.09	.034	29	5	.05	729	.01	11	.79	.01	.20	4	990
034444	37	34	72	903	.6	132	21	693	5.94	1002	5	ND	10	100	1.3	195	2	60	.08	.050	32	54	.05	1103	.01	10	1.08	.01	.18	6	178
034445	29	21	41	620	.6	91	15	649	4.70	1688	5	ND	11	127	1.4	137	2	29	.60	.082	27	17	.18	949	.01	10	.70	.01	.21	3	230
034446	22	18	80	878	1.0	88	15	657	4.67	958	5	ND	11	113	2.2	109	2	34	.49	.083	23	15	.17	850	.01	9	.71	.01	.17	4	147
034447	33	19	82	1165	.7	115	15	528	5.08	1099	6	ND	9	74	4.6	204	2	51	.20	.043	19	46	.11	743	.01	8	1.08	.01	.14	6	200
034448	22	18	63	850	.7	82	14	572	4.10	1811	5	2	9	70	4.2	111	2	45	.27	.026	17	27	.15	508	.01	6	.73	.01	.12	4	1840
034449	106	39	956	1184	5.6	113	12	357	5.65	2485	6	3	10	70	10.3	519	13	33	.15	.063	24	17	.06	728	.01	10	.70	.01	.22	6	1870
034450	28	25	107	556	1.3	73	10	304	2.43	392	5	ND	6	78	2.9	97	2	46	.13	.035	21	22	.05	769	.01	9	.50	.01	.18	3	124
034451	6	17	60	647	.5	84	15	903	4.38	1274	5	ND	16	61	1.0	1109	2	60	.34	.097	41	24	.15	750	.03	4	.92	.01	.18	3	163
034452	5	15	50	455	.7	43	12	1162	3.44	1430	5	ND	14	94	1.4	419	2	31	.11	.049	40	9	.04	972	.01	7	.67	.01	.14	2	260
034453	7	96	2925	1561	10.4	49	20	2181	4.63	2914	10	ND	12	90	16.5	1826	2	47	.09	.035	35	19	.02	866	.01	8	.63	.01	.12	8	1680
034454	14	26	370	756	3.9	95	17	2411	3.39	3854	9	10	10	82	3.7	4634	2	31	.13	.029	33	25	.02	976	.01	5	.55	.01	.08	4	11930
034455	14	67	1129	1109	11.9	42	14	3051	3.88	2684	9	5	8	103	10.0	22238	15	33	.15	.039	32	30	.02	946	.01	9	.73	.01	.11	6	5120
RE 034452	5	16	55	496	.8	47	13	1275	3.78	1556	6	ND	14	98	1.4	422	2	33	.12	.052	43	10	.04	1023	.01	7	.71	.01	.14	3	250
034456	9	16	64	595	1.5	50	12	1930	3.49	2438	5	2	10	84	1.6	5768	2	33	.40	.024	26	40	.04	617	.01	8	.65	.01	.10	3	2230
034457	18	17	133	823	1.6	87	13	1179	4.23	1579	5	ND	11	92	2.2	1538	2	42	.09	.039	34	26	.03	785	.01	9	.86	.01	.13	5	590
034458	28	13	69	749	1.3	93	11	1054	4.05	1407	5	2	9	82	1.8	659	2	28	.09	.046	33	16	.03	926	.01	7	.60	.01	.13	4	1010
034459	16	12	88	717	1.5	66	13	849	4.45	1551	6	ND	8	77	1.1	1169	2	29	.06	.033	30	6	.04	877	.01	11	.78	.01	.17	4	770
034460	14	15	57	459	.9	51	11	948	4.45	2018	5	ND	10	82	.9	318	3	32	.42	.031	30	11	.09	803	.01	15	1.29	.01	.26	2	1100
034461	14	11	55	489	.6	42	14	1276	4.15	2304	5	ND	9	79	1.0	3283	2	21	.30	.027	22	7	.10	638	.01	12	.91	.01	.23	2	1190
034462	17	55	59	654	.4	95	15	503	4.06	534	5	ND	10	89	2.7	134	2	43	.20	.038	32	17	.16	295	.01	7	.57	.01	.20	3	136
034463	9	28	45	629	.4	53	15	859	4.17	656	5	ND	17	275	.9	113	2	24	1.51	.043	37	14	.87	978	.01	6	.64	.01	.16	3	290
034464	9	27	36	454	.3	45	12	844	4.09	1531	5	ND	17	453	1.0	.117	2	22	2.62	.062	37	19	1.22	910	.01	7	.83	.01	.23	2	550
034465	11	31	42	658	.3	67	15	694	4.31	216	5	ND	15	322	2.5	84	2	22	1.69	.056	37	14	.92	649	.01	7	.60	.01	.20	2	76
034466	14	35	34	721	.3	109	18	325	3.88	200	5	ND	8	115	6.6	80	2	37	.32	.048	31	16	.31	271	.01	11	.70	.01	.26	3	67
034467	9	35	25	584	.3	94	17	282	3.37	91	5	ND	6	112	4.7	42	2	36	.26	.041	26	17	.38	100	.01	12	.64	.01	.26	2	37
STANDARD C/AU-R	18	56	38	132	6.7	70	33	1041	3.96	37	16	7	36	53	18.9	16	19	57	.48	.089	37	58	.88	177	.09	34	1.89	.06	.15	11	460

GOWDEN BCRE 91-601A

GOWDEN BCRE 91-601B

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery (RD) DDH 91-43 TR 9 RC 91-602, 603

Noranda Exploration Co. Ltd. PROJECT 9110-001 330 File # 91-4737 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033232	4	27	85	252	.9	31	17	748	4.32	78	5	ND	11	32	1.8	21	2	63	.40	.104	38	45	.46	708	.05	4	1.55	.02	.29	1	28
033233	5	18	34	156	.5	21	12	487	3.27	115	5	ND	13	24	.7	15	2	50	.40	.098	34	58	.28	350	.03	2	1.13	.02	.22	1	10
033234	2	14	29	96	.2	13	10	546	2.92	25	5	ND	12	68	.2	11	2	58	1.74	.105	42	37	.46	641	.01	2	1.15	.02	.15	1	11
033235	6	29	22	111	.2	21	12	520	3.35	303	5	ND	15	49	.8	18	2	45	.44	.119	46	49	.04	722	.01	2	.69	.01	.14	1	10
033236	4	21	25	149	.1	25	14	669	3.50	350	5	ND	15	39	.3	23	2	51	.34	.111	49	29	.04	445	.01	3	.66	.01	.12	1	7
RE 033241	4	15	21	84	.3	11	8	482	3.18	36	5	ND	13	55	.2	6	2	82	.90	.100	36	63	.94	593	.21	2	1.53	.03	.21	1	5
033237	3	14	19	94	.3	14	11	414	2.90	115	5	ND	15	51	.2	27	2	67	.91	.117	39	46	.34	578	.06	2	1.39	.01	.30	1	3
033238	2	14	19	76	.3	10	8	421	3.26	33	5	ND	14	91	.2	6	2	85	1.65	.101	43	43	.89	1449	.22	2	1.52	.05	.77	1	4
033239	2	14	15	89	.3	11	9	506	3.16	28	5	ND	15	40	.2	13	2	74	.80	.115	55	40	.54	651	.06	2	1.59	.02	.27	1	3
033240	2	14	19	90	.2	12	9	547	3.33	36	5	ND	15	46	.2	10	2	81	.74	.110	43	41	.60	852	.11	2	1.41	.03	.16	1	4
033241	4	15	19	88	.4	17	8	499	3.30	38	5	ND	14	56	.2	5	3	84	.93	.104	38	69	.97	601	.21	2	1.58	.04	.21	1	5
033242	3	14	25	77	.2	10	8	418	2.93	14	5	ND	13	61	.2	2	2	77	.91	.091	36	48	.95	931	.23	2	1.40	.04	.14	1	5
033243	6	18	21	146	.1	24	12	602	3.79	228	5	ND	16	56	.2	19	2	74	.45	.102	49	52	.27	804	.05	2	.89	.01	.07	1	13
033244	6	17	26	203	.2	25	13	682	3.86	793	5	ND	13	62	.3	21	2	54	.31	.032	32	26	.04	1416	.01	3	.60	.01	.06	2	99
033245	7	13	31	207	.1	24	12	810	3.22	224	5	ND	17	68	.4	14	2	68	.35	.071	41	47	.03	998	.01	3	.75	.01	.03	1	17
033246	5	17	25	174	.1	20	11	792	3.89	172	5	ND	17	56	.4	12	2	66	1.28	.112	54	39	.23	699	.01	2	.75	.01	.05	1	11
033247	4	16	22	226	.1	36	15	771	3.18	198	5	ND	19	32	.2	15	2	67	.74	.134	60	36	.23	519	.03	2	1.15	.01	.20	1	8
033248	4	16	35	173	.1	23	13	906	4.45	219	5	ND	18	50	.4	7	2	70	.72	.083	59	37	.26	587	.01	2	.65	.01	.06	1	26
033249	6	15	36	275	.1	37	14	1045	4.91	1012	6	ND	14	60	.5	25	2	59	.09	.037	43	41	.03	734	.01	2	.61	.01	.05	3	54
034468	7	18	36	191	.4	29	13	910	3.70	1056	5	ND	14	178	.6	84	2	56	1.42	.053	38	28	.59	1144	.01	3	.82	.01	.11	1	1111
034469	5	18	40	148	.4	21	11	1219	3.71	1035	5	ND	13	284	.5	55	2	50	2.54	.038	37	28	1.01	520	.01	2	.68	.01	.07	1	539
034470	4	18	89	275	.8	18	11	1289	3.32	764	5	ND	14	259	1.7	91	2	47	2.59	.050	36	32	.97	295	.01	5	.81	.01	.14	1	440
034471	5	16	17	127	.2	19	11	778	3.23	224	5	ND	12	120	.3	33	2	80	1.56	.093	33	53	1.08	768	.25	2	1.46	.06	.79	1	112
034472	6	16	24	133	.2	21	12	871	3.44	375	5	ND	13	144	.4	38	2	75	1.82	.089	39	66	1.13	661	.12	4	1.52	.05	.38	1	220
034473	5	17	24	121	.3	19	10	805	3.46	269	5	ND	14	106	.2	41	2	82	1.34	.089	42	56	1.08	1009	.26	2	1.58	.07	.68	1	201
034474	6	16	28	134	.3	21	10	703	3.27	236	5	ND	14	106	.3	43	2	78	1.20	.094	39	65	.96	1041	.25	3	1.57	.07	.63	1	116
034475	6	18	35	176	.4	30	11	1175	3.46	768	5	ND	15	120	.4	90	2	65	1.55	.103	48	40	.77	576	.08	2	1.22	.02	.25	1	517
034476	10	19	49	235	.3	53	10	2120	3.66	886	5	ND	13	193	1.5	108	2	54	1.89	.067	43	35	.72	987	.01	2	.65	.01	.09	1	748
034477	9	17	46	229	.3	59	11	1805	3.13	528	5	ND	13	113	1.6	85	2	57	1.10	.082	46	21	.52	1954	.03	2	.97	.02	.14	1	341
034478	8	36	29	186	.2	32	10	856	3.23	434	5	ND	13	79	.9	108	2	58	1.06	.091	47	21	.50	1733	.05	2	.92	.02	.14	1	178
034479	9	14	29	191	.3	34	11	1056	3.48	510	5	ND	12	104	1.2	106	2	49	.99	.071	43	15	.38	1644	.01	2	.93	.01	.12	1	264
034480	7	13	42	185	.4	44	10	1778	3.15	444	5	ND	10	127	1.2	74	2	41	1.54	.070	40	16	.61	1023	.01	2	.71	.01	.12	1	286
034481	5	11	28	134	.6	24	9	1114	3.13	404	5	ND	10	146	.9	41	2	41	1.90	.076	34	26	.63	713	.01	5	1.40	.01	.17	1	330
034482	7	315	38	138	.6	20	9	948	3.01	446	5	ND	10	175	.9	41	5	33	1.92	.068	29	36	.59	689	.01	2	1.02	.01	.17	1	429
034483	4	10	31	124	.4	18	8	963	3.08	227	5	ND	12	230	.4	28	2	36	2.52	.078	33	25	.79	536	.01	4	1.00	.02	.21	1	275
034484	5	10	32	121	.2	19	9	937	3.46	361	5	ND	11	249	.4	33	2	40	2.62	.082	32	27	.86	702	.01	5	1.51	.03	.23	1	451
034485	3	11	30	123	.2	16	8	758	3.08	210	5	ND	9	212	.5	23	2	33	2.56	.072	24	18	.83	372	.01	4	1.37	.02	.18	1	166
STANDARD C/AU-R	18	57	42	132	6.9	70	34	1052	3.97	40	18	7	36	53	18.5	16	17	55	.48	.091	38	58	.89	177	.09	31	1.89	.06	.15	12	470

KO KANEE BORE 91-43

S. GOLDEN BORE 91-602

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 26 1991 **DATE REPORT MAILED:** Sept 30/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9110-001 330 FILE # 91-4737 Page 2

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
034486 BCRE 91-602	5	18	29	353	.4	25	10	684	3.22	193	5	ND	8	213	3.3	20	2	58	2.47	.090	23	44	.95	135	.02	7	1.35	.02	.30	1	103
034487	5	13	39	108	.2	11	8	516	2.92	39	5	ND	12	116	.3	4	2	59	2.27	.078	39	52	1.01	1222	.13	2	1.11	.04	.26	1	29
034488	4	42	21	328	.2	74	29	417	4.45	64	5	ND	6	88	1.5	8	2	47	.41	.045	14	19	.67	2517	.01	6	2.21	.03	.33	1	31
034489	6	42	18	460	.1	87	23	258	4.77	25	5	ND	5	91	2.5	6	2	51	.15	.037	7	20	.52	1178	.01	3	1.87	.02	.24	2	7
034490	3	45	17	442	.1	91	26	314	5.10	24	5	ND	5	120	1.9	3	2	46	.14	.037	9	18	.47	1212	.01	4	1.86	.02	.26	2	12
034491	6	48	20	449	.2	123	42	627	5.03	31	5	ND	5	158	2.3	2	2	48	.11	.029	9	24	.42	1203	.01	4	.99	.01	.22	2	14
034492	7	36	26	307	.3	77	22	338	3.71	48	5	ND	13	204	1.3	7	2	51	.42	.062	41	37	.39	1751	.01	6	1.18	.02	.27	1	4
034493	6	37	33	267	.2	56	19	423	4.34	43	5	ND	20	278	1.5	6	2	46	.85	.096	63	27	.54	1969	.01	4	.68	.01	.18	1	12
034494	5	30	27	260	.2	48	22	770	5.05	41	5	ND	23	377	1.2	6	2	51	2.12	.112	62	52	1.10	1047	.01	4	.84	.01	.21	1	9
034495	6	36	21	343	.2	77	19	429	4.59	46	5	ND	8	204	2.5	5	2	52	.51	.038	32	35	.69	136	.01	7	.69	.01	.23	1	5
034496	10	49	23	434	.5	87	18	285	3.64	27	5	ND	5	266	3.0	4	2	57	.70	.059	21	36	.67	65	.01	8	.67	.02	.23	1	7
RE 034500	4	29	31	268	.2	69	20	436	4.10	27	5	ND	7	247	.8	5	2	37	1.18	.032	28	23	1.01	78	.01	9	.69	.02	.27	1	3
034497	8	37	33	284	.3	91	21	283	3.71	30	5	ND	6	121	.9	5	2	38	.36	.029	24	29	.57	58	.01	7	.62	.02	.25	1	6
034498	6	36	26	327	.3	85	22	360	3.70	31	5	ND	7	166	1.3	10	2	37	.50	.036	31	24	.66	80	.01	7	.65	.01	.26	1	7
034499	7	31	43	297	.4	76	20	429	3.26	26	5	ND	6	236	1.2	6	2	39	.87	.041	28	24	.80	94	.01	8	.61	.01	.25	1	4
034500	4	29	31	285	.1	70	21	450	4.25	28	5	ND	6	252	1.0	6	2	38	1.20	.032	30	22	1.04	75	.01	6	.68	.02	.28	1	3
034501	7	33	28	208	.3	60	18	520	4.12	53	5	ND	11	267	.6	12	2	32	1.44	.040	30	44	.87	51	.01	5	.57	.01	.21	1	3
034502	4	30	33	166	.2	36	16	808	4.28	40	5	ND	17	374	.4	10	2	39	2.51	.059	45	47	1.27	308	.01	3	.65	.01	.17	1	5
034503	4	28	35	145	.1	28	15	814	3.91	44	5	ND	17	485	.4	14	2	32	2.64	.077	48	26	1.34	1200	.01	4	.60	.01	.18	1	10
034504	8	36	25	216	.2	74	18	322	3.46	46	5	ND	7	172	.9	15	2	34	.90	.048	25	38	.55	50	.01	7	.68	.01	.26	1	9
034505 S. GOLDEN BCRE 91-603	5	33	22	209	.1	74	19	240	3.65	24	5	ND	4	132	.4	9	2	29	.74	.029	12	27	.52	39	.01	8	.66	.02	.26	1	2
034506	8	34	22	215	.3	66	17	374	3.52	62	5	ND	4	172	.8	11	2	32	.81	.035	14	43	.57	54	.01	9	.68	.01	.24	1	6
034507	4	24	40	136	.3	21	12	903	3.90	437	5	ND	6	264	.5	25	2	19	1.80	.031	19	32	.88	106	.01	8	.74	.01	.20	1	60
034508	3	16	35	110	.4	21	13	765	4.06	1031	5	ND	7	78	.2	28	2	17	.17	.027	18	26	.19	59	.01	6	.71	.01	.18	1	580
034509	3	24	43	111	.3	25	12	770	3.76	465	5	ND	12	224	.3	30	2	33	2.08	.030	21	48	1.05	103	.01	6	.58	.01	.12	1	125
034510	5	29	39	122	.1	32	15	925	3.92	441	5	ND	17	130	.4	34	2	44	.47	.038	29	50	.54	723	.01	4	.82	.01	.13	1	128
034511	5	29	36	110	.2	30	14	937	4.13	281	5	ND	15	124	.2	34	2	40	.35	.031	25	59	.58	626	.01	5	.65	.01	.11	1	320
034512	5	25	36	114	.7	24	11	1031	3.13	1798	5	2	11	393	.5	117	2	30	2.43	.029	24	64	1.04	282	.01	4	.60	.01	.11	1	4730
034513	3	16	50	145	.6	17	10	1013	3.36	1350	5	ND	8	348	.6	43	2	36	3.17	.032	20	33	1.21	115	.01	6	.67	.01	.13	1	1050
034514	4	16	39	121	.6	14	10	1028	3.66	2135	5	2	10	175	.3	52	2	53	2.40	.027	24	47	1.00	173	.01	4	.66	.01	.07	1	1080
034515	4	25	218	967	1.5	12	9	1596	4.32	1363	5	ND	6	278	9.6	109	2	34	3.01	.021	15	40	1.26	49	.01	7	.48	.01	.11	5	1430
034516	3	17	126	347	.8	12	9	1522	4.29	1355	5	2	6	306	2.9	72	2	34	3.37	.019	15	39	1.39	52	.01	4	.52	.01	.11	2	1290
034517	3	16	29	114	.3	14	10	753	3.25	115	5	ND	12	198	.3	16	2	48	2.77	.040	29	22	1.14	1158	.01	4	.76	.01	.10	1	74
034518	4	17	31	127	.2	14	10	888	3.55	312	5	ND	12	365	.4	24	2	36	3.61	.050	26	44	1.38	136	.01	6	.66	.01	.13	1	81
034519	6	17	25	113	.2	14	10	578	3.16	55	5	ND	13	148	.3	11	2	68	2.20	.091	38	69	1.05	390	.12	5	1.19	.03	.43	1	31
034520	6	15	25	104	.2	15	9	520	3.11	26	5	ND	12	142	.3	5	2	74	1.95	.080	38	66	1.08	1155	.23	3	1.42	.06	.70	1	15
034521	4	20	20	161	.3	12	9	644	3.16	142	5	ND	10	206	1.2	12	2	54	2.23	.087	29	41	1.07	565	.07	5	1.35	.03	.36	1	111
STANDARD C/AU-R	19	56	43	132	6.8	71	32	1043	3.96	41	17	6	36	53	18.7	15	18	55	.48	.090	37	58	.89	176	.09	32	1.89	.06	.15	11	450

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE Bravery RC 91-604 to 608

Noranda Exploration Co. Ltd. PROJECT 9110-006 330 File # 91-4821 Page 1

1050 Davie St., Vancouver BC V6E 1M4

KOKANEE BCDDH 91-4/3

S. GOLDEN BCRC 91-604

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
033250	3	11	44	300	.1	33	11	609	3.41	1042	5	ND	14	82	1.0	60	2	51	2[illegible]	.060	37	16	.08	924	[illegible]	2	1.24	.01	.06	3	380
033251	8	22	35	485	2.6	52	8	403	3.05	3935	6	[illegible]	8	168	7.0	140	2	10[illegible]	.22	.067	23	2	.05	[illegible]	.01	8	1.01	.01	.12	5	5910
033252	10	27	25	205	.5	20	4	182	2.26	362	5	ND	5	142	3.9	14	[illegible]	115	.11	.093	24	13	[illegible]	968	.01	7	1.07	.01	.29	1	180
033253	7	37	17	526	.3	51	17	592	3.47	381	5	ND	11	47	4.7	18	2	73	.38	.129	36	[illegible]	1.08	932	.02	3	2.33	.01	.24	2	190
033254	3	23	17	465	.3	38	11	308	3.85	[illegible]	5	ND	12	34	3.3	[illegible]	2	69	.48	.128	[illegible]	17	1.46	1630	.02	4	2.72	.01	[illegible]	2	14
033255	3	22	[illegible]	159	.6	30	7	574	[illegible]	58	5	ND	6	62	[illegible].5	30	2	32	2.31	[illegible]	14	29	2.24	731	.03	10	[illegible]	.01	.29	1	5
033256	2	20	21	78	.2	21	6	71[illegible]	2.47	65	5	ND	5	[illegible]	.7	12	2	32	3.[illegible]	.033	11	32	3.09	790	.04	[illegible]	2.32	.01	.32	1	37
033257	3	23	13	85	.1	32	7	[illegible]96	1.75	18	5	ND	[illegible]	58	.6	3	2	43	[illegible].74	.025	15	19	1.65	1599	[illegible]	9	1.88	.01	.63	1	19
033258	[illegible]	32	26	339	.8	55	[illegible]	344	2.16	104	5	[illegible]	7	86	3.5	9	2	[illegible]0	.85	.088	22	11	.74	1546	.01	14	1.65	.01	.33	1	17
033259	6	45	20	201	.7	39	10	232	1.73	128	5	[illegible]D	5	81	1.6	12	[illegible]	64	1.74	.037	17	19	.39	1029	.01	5	.97	.01	.18	1	4
033260	17	22	7	269	.2	87	5	385	1.28	64	5	ND	4	95	2.6	10	2	173	7.32	.040	15	21	1.78	1331	.08	4	1.37	.01	.08	2	12
034522	9	34	23	262	.5	57	15	338	2.59	36	7	ND	10	179	3.0	22	2	50	.27	.081	31	5	.14	1843	.01	12	.96	.01	.23	1	13
034523	6	43	14	157	1.0	30	11	194	1.33	20	5	ND	4	314	1.9	8	2	51	.21	.092	19	1	.08	2130	.01	9	.86	.01	.24	1	8
034524	6	41	19	313	.3	64	18	264	2.94	74	5	ND	6	259	1.5	7	2	52	.17	.078	27	1	.10	2421	.01	4	1.08	.02	.26	1	20
034525	8	37	21	326	.2	80	18	158	3.61	44	5	ND	7	103	3.9	15	2	46	.15	.050	26	23	.19	128	.01	7	1.07	.02	.30	1	8
034526	10	33	15	362	.2	70	15	529	6.14	35	5	ND	5	112	2.9	9	2	51	.21	.067	21	27	1.00	90	.01	8	.86	.02	.28	1	16
034527	11	42	21	542	.3	102	18	293	3.75	52	5	ND	5	119	3.5	9	2	59	.17	.073	20	28	.53	71	.01	7	.92	.02	.28	3	16
034528	26	77	16	1007	1.3	124	12	167	3.09	45	5	ND	2	201	11.4	15	2	185	.44	.307	9	56	.25	64	.01	8	.99	.02	.26	5	12
034529	11	40	19	541	.3	91	17	333	4.37	40	5	ND	4	119	3.8	13	2	65	.22	.086	17	29	.64	89	.01	4	.81	.02	.25	2	8
034530	8	32	36	424	.2	76	18	410	3.57	27	5	ND	6	115	2.1	12	2	38	.59	.055	23	40	.65	113	.01	5	.70	.01	.23	1	1
034531	4	31	37	224	.1	49	20	1033	5.30	39	5	ND	15	300	.4	28	2	67	3.50	.184	49	63	1.87	174	.09	7	1.09	.01	.56	1	1
034532	5	27	28	279	.2	76	18	433	4.06	40	5	ND	7	126	.8	22	2	30	.92	.053	26	35	.70	77	.01	7	.76	.01	.29	1	4
034533	4	24	20	181	.1	60	17	452	4.28	65	5	ND	7	199	.3	17	2	23	1.49	.061	20	28	.76	72	.01	9	.80	.01	.30	1	4
034534	4	25	18	203	.1	72	17	320	4.48	31	5	ND	4	196	.3	23	2	19	1.21	.036	15	23	.70	65	.01	7	.65	.01	.25	1	1
RE 034530	8	33	42	440	.2	82	19	435	3.78	30	5	ND	7	123	2.0	13	2	40	.63	.060	25	34	.70	95	.01	4	.76	.01	.25	1	4
034535	6	33	22	173	.1	84	18	274	3.72	37	5	ND	5	90	.4	21	2	26	.40	.038	21	31	.44	79	.01	6	.82	.01	.32	1	7
034536	4	19	22	123	.2	42	12	630	3.60	556	5	ND	5	227	.2	129	2	31	2.32	.035	15	28	1.01	82	.01	9	.89	.01	.27	1	580
034537	8	16	31	229	.5	49	11	614	3.40	318	5	ND	5	237	1.3	34	2	58	2.06	.079	14	42	.95	82	.01	10	1.17	.01	.28	1	250
034538	4	12	22	158	.2	27	10	599	3.07	273	5	ND	9	203	.5	37	2	33	2.25	.075	22	29	.97	117	.01	7	.81	.01	.21	1	210
034539	3	10	20	138	.1	20	9	546	3.15	40	5	ND	10	112	.4	16	2	58	1.77	.091	34	33	.88	487	.05	3	1.30	.02	.30	1	16
034540	3	11	35	129	.1	16	9	857	3.58	56	5	ND	14	98	.3	27	2	55	1.55	.081	45	26	.75	862	.01	6	.95	.01	.12	1	18
034541	3	10	37	123	.1	18	10	764	3.47	128	5	ND	11	130	.3	14	3	52	2.02	.053	34	24	.96	776	.01	2	1.04	.01	.09	1	150
034542	5	12	31	155	.2	25	9	1397	3.56	378	5	ND	7	160	.5	27	2	47	1.62	.036	18	42	.85	157	.01	8	.98	.01	.15	1	370
034543	4	8	27	116	.2	21	9	1148	3.41	782	5	ND	7	197	.4	35	2	31	2.18	.027	20	37	.94	88	.01	6	.82	.01	.17	1	750
034544	3	10	38	127	.2	19	10	1370	3.95	1064	5	ND	8	169	.3	51	2	49	1.81	.035	23	38	.91	109	.01	6	1.32	.01	.13	1	1060
034545	4	13	39	158	.1	23	10	1446	3.67	541	5	ND	8	139	.6	121	2	48	1.62	.032	21	36	.86	335	.01	5	.86	.01	.10	1	440
034546	3	13	42	162	.2	21	9	1064	3.52	901	5	ND	8	143	.5	3852	2	46	1.94	.043	24	34	.82	106	.01	3	1.14	.01	.15	1	1150
STANDARD C/AU-R	19	56	38	134	6.8	70	29	1051	4.05	38	18	7	36	49	17.4	17	18	55	.48	.091	36	58	.88	183	.09	33	1.90	.05	.15	11	460

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 1 1991 DATE REPORT MAILED: Oct 3/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
034547 BCRC 91-604	4	13	55	171	.4	20	9	753	3.00	205	5	ND	12	142	.5	53	2	58	1.83	.060	36	33	.74	299	.04	3	1.20	.01	.20	1	75
034548	4	19	29	192	.2	30	10	506	3.11	109	5	ND	10	148	.8	25	2	61	1.75	.071	32	29	.76	153	.08	4	1.23	.03	.30	1	42
034549	4	15	26	149	.2	21	9	650	2.99	287	5	ND	13	157	.4	13	2	69	1.88	.081	39	35	.86	280	.11	4	1.27	.04	.64	1	114
034550	6	41	18	346	.1	101	29	326	3.58	30	5	ND	8	156	1.2	8	2	50	.15	.036	35	7	.08	2122	.01	3	.98	.02	.24	2	7
034551	8	37	21	334	.1	91	23	240	3.45	62	5	ND	7	125	1.5	7	2	54	.15	.028	26	1	.06	2041	.01	4	.85	.02	.23	2	6
034552	8	46	27	382	.1	103	25	246	3.46	91	5	ND	7	121	1.7	9	2	57	.16	.031	28	1	.07	2457	.01	3	.83	.02	.22	2	3
034553	10	41	44	304	.1	69	15	72	2.79	40	5	ND	6	96	2.7	10	2	47	.12	.029	28	13	.08	215	.01	5	.73	.02	.22	1	5
034554	8	38	38	426	.2	105	22	251	3.89	32	6	ND	6	72	3.5	9	2	36	.12	.024	24	16	.42	55	.01	7	.70	.02	.26	2	4
034555	7	34	28	345	.2	93	21	262	3.89	40	5	ND	5	74	3.4	15	2	31	.13	.025	24	17	.50	56	.01	5	.63	.02	.22	1	4
034556	5	33	39	306	.2	69	19	532	4.18	49	5	ND	12	242	1.3	20	2	36	1.64	.046	37	23	1.08	80	.01	4	.80	.01	.26	1	9
034557	4	31	35	214	.3	52	17	606	4.67	73	5	ND	11	255	.8	20	2	27	2.13	.034	31	25	1.30	87	.01	5	.67	.01	.21	1	9
034558	3	20	38	199	.3	35	13	727	3.72	871	5	ND	9	234	.7	28	2	34	2.21	.032	22	23	1.00	112	.01	5	.64	.01	.17	1	286
034559	4	12	239	249	1.8	15	9	1742	3.32	550	5	ND	8	298	1.1	97	3	20	3.06	.060	14	42	1.17	70	.01	10	.74	.01	.23	1	231
034560	3	11	115	181	.9	15	9	1293	3.37	1266	5	ND	8	323	.6	58	2	15	3.04	.030	12	20	1.14	78	.01	6	.51	.01	.16	1	253
034561 S. GOLDEN BCRC 91-605	8	22	75	234	1.0	51	12	636	3.04	742	5	ND	6	230	1.4	45	2	35	1.54	.028	14	20	.64	63	.01	9	.49	.01	.15	1	14
034562	14	31	32	409	1.0	85	10	355	2.49	200	5	ND	4	246	3.3	29	2	84	.98	.063	13	28	.47	69	.01	10	.64	.01	.18	1	28
034563	16	33	28	437	.5	96	14	249	3.28	170	5	ND	3	148	3.9	25	2	77	.63	.066	16	73	.27	53	.01	11	.80	.01	.27	1	26
034564	5	20	28	267	.4	39	16	844	3.45	153	5	ND	10	271	1.2	29	2	58	2.24	.093	30	37	.97	88	.04	7	1.14	.01	.36	1	20
034565	5	14	33	175	.2	27	11	773	3.15	171	5	ND	12	276	.7	21	2	53	2.85	.089	33	34	.93	138	.03	3	.96	.02	.28	1	23
034566	5	14	25	141	.1	25	10	628	3.10	119	5	ND	13	188	.4	21	2	75	2.20	.084	40	40	.89	258	.07	6	1.32	.04	.37	1	18
034567	4	12	28	124	.2	17	10	664	3.27	52	5	ND	15	171	.2	4	2	75	2.34	.094	47	38	1.02	688	.05	3	1.31	.04	.27	1	17
034568	4	14	28	138	.2	24	10	556	3.05	103	5	ND	12	167	.3	14	2	71	1.95	.083	37	42	.90	275	.06	3	1.23	.04	.25	1	693
034569	5	14	40	146	.3	26	10	565	3.16	269	5	ND	11	185	.4	15	2	69	2.22	.077	35	48	.92	161	.06	2	1.50	.04	.28	1	20
034570	4	11	33	120	.1	16	9	554	3.24	70	5	ND	13	146	.2	12	2	79	2.33	.087	39	42	1.20	557	.15	2	1.74	.04	.33	1	22
034571	6	22	41	209	.5	37	10	479	3.03	152	5	ND	9	151	1.1	17	2	73	1.46	.061	29	43	.78	106	.10	9	1.23	.03	.32	1	46
034572	5	18	30	154	.2	22	11	545	3.34	35	5	ND	12	193	.2	6	2	88	2.54	.084	37	5	1.05	3134	.16	3	2.08	.05	.69	1	22
034573	4	15	30	144	.1	19	10	590	3.32	90	5	ND	12	216	.2	9	2	79	2.52	.087	35	35	1.16	1036	.06	4	2.05	.03	.39	1	57
034574	3	11	18	115	.3	16	9	757	3.15	53	5	ND	13	357	.2	12	2	43	3.62	.092	31	31	1.17	154	.01	6	1.24	.02	.19	1	24
034575	3	11	29	146	.5	33	14	587	3.72	1522	5	ND	14	95	.2	19	2	34	.15	.036	32	91	.06	937	.01	7	.82	.01	.12	3	1111
034576	3	10	41	164	.1	33	16	739	4.13	1000	5	ND	14	94	.2	21	2	47	.08	.037	25	13	.03	989	.01	2	.71	.01	.09	4	297
034577	4	12	35	194	.5	37	17	894	4.05	1474	5	ND	16	104	.4	20	2	50	.10	.037	28	16	.05	1040	.01	7	1.07	.01	.12	3	814
034578	4	10	34	134	.7	21	7	236	3.77	2370	5	3	15	117	.2	24	2	49	.13	.041	31	14	.04	1180	.01	8	1.17	.01	.15	3	2134
034579	4	9	36	173	.6	25	6	138	3.60	1832	5	ND	15	96	.2	23	2	42	.13	.033	30	17	.03	867	.01	7	.72	.01	.13	4	1375
RE 034576 GOLDEN BCRC 91-606	3	12	45	181	.1	37	17	798	4.54	1087	5	ND	16	103	.2	22	3	51	.08	.039	28	13	.03	1118	.01	6	.79	.01	.11	4	319
034580	10	15	36	397	.4	59	17	419	5.46	1829	5	ND	15	102	.9	24	2	59	.09	.048	30	20	.04	1084	.01	9	1.02	.01	.19	5	1529
034581	16	16	39	375	.9	35	8	116	4.03	2140	5	ND	6	143	.9	30	2	90	.15	.051	24	9	.06	1302	.01	7	.73	.01	.26	3	1331
034582	16	12	24	183	.3	20	3	42	2.78	176	5	ND	5	216	.2	16	2	135	.16	.061	29	12	.08	503	.01	13	.88	.01	.49	1	28
034583	17	16	20	90	.1	16	3	34	2.86	153	5	ND	6	190	.2	16	2	117	.15	.087	29	3	.07	1393	.01	13	.94	.01	.37	1	57
STANDARD C/AU-R	19	58	43	133	7.0	71	32	1046	3.99	43	17	8	37	52	18.7	16	19	57	.48	.091	38	58	.90	177	.09	34	1.90	.06	.15	13	462

Samples beginning 'RE' are duplicate samples.

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
034584	18	23	17	121	.4	19	2	19	3.38	313	5	ND	8	185	.6	18	2	101	.19	.085	32	18	.07	1186	.01	17	.79	.01	.36	1	16
034585	11	19	22	93	.4	17	1	24	3.45	150	5	ND	8	127	.3	19	2	88	.17	.057	29	22	.08	505	.01	24	1.10	.02	.63	1	13
034586	7	13	22	46	.5	10	1	10	2.17	38	5	ND	8	131	.2	18	2	79	.17	.049	26	21	.09	1367	.01	23	1.10	.02	.45	1	2
RE 034591	11	60	22	257	.4	49	6	46	3.39	95	5	ND	9	164	.8	18	2	106	.18	.091	32	32	.07	2542	.01	20	1.08	.01	.33	1	8
034587	18	24	22	183	1.2	41	2	25	2.87	178	5	ND	5	218	.5	20	2	193	.19	.082	18	38	.05	2344	.01	15	.65	.01	.25	1	9
034588	12	19	32	709	.1	65	9	113	5.68	306	5	ND	12	135	.4	22	2	61	.06	.080	41	43	.05	1663	.01	17	1.41	.01	.22	1	8
034589	6	66	36	898	.2	125	20	404	5.71	393	5	ND	17	103	3.6	17	2	51	.06	.059	44	31	.05	2274	.01	11	1.38	.01	.22	1	4
034590	2	52	26	983	.1	122	24	551	6.18	127	5	ND	17	59	4.3	17	2	55	.23	.095	52	33	.10	720	.01	9	1.35	.01	.22	1	11
034591	12	59	24	266	.6	51	6	54	3.45	96	5	ND	9	162	.8	19	2	105	.19	.091	33	32	.07	2495	.01	21	1.09	.01	.30	1	14
034592	11	32	20	78	.6	23	2	25	1.94	55	5	ND	7	152	.5	24	2	129	.19	.060	25	22	.07	2007	.01	22	.86	.01	.24	1	3
034593	7	36	19	26	1.1	20	1	30	.78	39	5	ND	4	146	.6	11	2	118	.18	.062	16	45	.06	2498	.01	25	.89	.01	.31	1	22
034594	11	38	31	156	.8	37	4	75	2.51	185	5	ND	10	185	.5	38	2	87	.16	.063	33	27	.07	1670	.01	18	1.00	.01	.30	1	36
034595	7	58	81	364	.9	61	10	264	4.51	513	5	ND	17	99	4.6	43	2	42	.12	.099	50	24	.07	1038	.01	12	1.24	.01	.34	1	231
034596	5	28	44	329	.4	73	15	756	3.73	437	5	ND	13	143	5.4	30	2	24	.17	.093	41	27	.06	1588	.01	10	1.05	.01	.25	1	109
034597	3	21	49	157	.5	34	11	492	4.08	2768	5	ND	11	145	2.1	42	2	17	.10	.058	43	27	.04	1369	.01	9	.76	.01	.18	1	407
034598	13	21	42	191	.6	38	6	170	3.69	279	5	ND	7	257	.2	38	2	61	.14	.070	29	37	.05	972	.01	12	.63	.01	.33	1	13
034599	14	19	37	127	1.4	20	6	195	3.37	751	5	ND	9	197	.2	29	2	101	.10	.067	22	48	.04	1803	.01	12	.61	.01	.15	1	253
034600	4	24	31	250	.4	53	18	1178	5.14	1228	5	ND	15	99	1.6	28	2	58	.50	.034	20	38	.05	774	.01	7	.82	.01	.10	1	341
034601	6	11	44	255	.5	66	18	1529	4.98	1653	5	ND	16	110	.7	37	2	56	.21	.039	24	47	.05	856	.01	10	.94	.01	.10	1	649
034602	5	8	31	186	.9	42	14	1095	3.82	2167	5	ND	16	115	.8	25	2	48	1.05	.038	30	33	.08	946	.01	11	1.23	.01	.22	1	968
034603	7	10	36	289	.7	73	14	1230	4.80	2758	5	ND	17	105	.7	34	2	30	.24	.036	39	41	.06	817	.01	14	1.24	.01	.24	1	1254
034604	6	10	31	247	.7	56	14	1349	4.41	2837	5	2	17	123	1.0	31	2	39	1.10	.035	35	34	.06	857	.01	13	1.19	.01	.22	1	1903
034605	6	15	31	288	1.6	60	19	1073	4.59	4564	5	6	19	149	2.2	42	2	39	.43	.041	38	36	.07	1380	.01	13	1.27	.01	.23	1	4367
034606	3	11	26	203	2.8	37	14	516	3.94	7277	5	15	15	185	1.4	47	2	30	.23	.033	37	32	.04	972	.01	14	1.16	.01	.26	1	14410
034607	8	7	21	123	1.8	16	3	158	3.30	2966	5	11	10	124	1.8	47	2	21	.11	.027	28	54	.03	605	.01	11	.58	.01	.14	1	9372
034608	15	13	25	85	2.1	11	2	71	2.37	2564	5	14	9	117	1.5	36	2	23	.08	.031	25	112	.03	623	.01	14	.88	.01	.12	1	12210
034609	35	15	20	80	1.4	34	4	492	2.11	1095	5	3	6	150	1.9	38	2	64	.14	.043	20	62	.04	1108	.01	13	.64	.01	.16	1	5423
034610	56	25	22	585	1.2	56	4	102	5.51	793	5	ND	5	213	6.9	47	2	133	.15	.113	17	58	.05	1560	.01	19	.69	.01	.25	1	396
034611	76	16	14	679	1.5	81	5	142	7.07	1288	5	ND	4	180	7.8	42	2	103	.13	.146	15	66	.04	1389	.01	10	.60	.01	.14	1	1463
034612	58	14	12	443	1.5	68	3	83	4.44	767	5	ND	3	92	4.8	33	2	80	.11	.087	13	57	.03	1025	.01	11	.45	.01	.11	1	1056
034613	7	23	23	205	.3	36	6	219	4.04	206	5	ND	10	99	.3	12	2	63	.17	.046	38	21	.08	1017	.01	11	.81	.01	.35	1	67
034614	4	51	13	155	.3	73	15	225	4.89	167	5	ND	13	73	.2	15	2	54	.12	.042	44	24	.19	1085	.01	11	1.16	.02	.44	1	62
034615	5	41	25	200	.2	64	15	462	4.30	476	5	ND	13	154	1.7	18	2	46	.67	.054	37	44	.28	1227	.01	18	1.55	.02	.58	1	115
034616	3	25	29	120	.3	34	12	739	3.63	1009	5	ND	15	236	1.4	20	2	28	2.52	.042	25	21	.39	767	.01	12	1.02	.01	.22	1	341
034617	7	17	21	145	.2	36	12	875	3.96	817	5	ND	17	232	1.5	19	2	43	2.70	.085	37	30	.55	734	.01	11	1.10	.01	.34	1	418
034618	5	15	24	130	.2	32	11	816	3.56	635	5	ND	19	208	1.4	13	2	58	2.79	.085	44	39	.57	910	.01	10	1.22	.01	.21	1	275
034619	5	19	37	167	.3	40	12	805	3.85	737	5	ND	18	187	1.9	20	2	64	2.25	.065	36	39	.65	956	.05	9	1.53	.02	.28	1	297
STANDARD C/AU-R	21	63	44	136	7.6	73	32	1084	3.96	42	21	7	40	54	19.0	17	21	61	.49	.096	40	60	.90	183	.10	36	1.85	.07	.16	13	462

GOLDEN BERE 91-606

GOLDEN BERE 91-607

GOLDEN BERE 91-608

Samples beginning 'RE' are duplicate samples.

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
034620	3	7	22	136	.1	39	12	704	3.12	179	5	ND	16	129	.5	7	2	68	1.97	.094	48	27	.59	843	.06	2	1.33	.02	.31	1	170
034621	5	13	27	151	.1	32	11	604	3.61	315	5	ND	17	105	.8	15	2	65	1.77	.093	44	43	.45	804	.04	3	1.38	.02	.28	1	140
034622	5	13	21	152	.4	48	11	549	4.16	1482	5	ND	13	90	1.5	38	2	42	.52	.033	26	13	.06	1006	.01	3	.85	.01	.12	2	980
034623	3	8	19	117	.1	25	10	852	3.44	301	5	ND	15	105	.4	9	2	54	2.19	.035	28	16	.15	860	.01	3	1.06	.01	.11	1	150
034623 (D)	3	8	24	117	.1	26	10	859	3.51	347	5	ND	15	107	.5	11	2	55	2.30	.036	28	17	.15	894	.01	7	1.20	.01	.11	1	160
034624	3	12	24	139	.1	31	11	788	3.40	741	5	ND	15	111	.5	14	2	53	1.18	.037	25	23	.13	904	.01	4	1.17	.01	.12	1	540
034625	3	12	27	154	.8	39	13	923	3.83	2751	6	3	14	100	1.1	31	2	49	.48	.030	22	21	.06	798	.01	6	1.01	.01	.12	2	1990
034626	3	8	22	137	.1	31	11	776	3.60	429	5	ND	16	93	.6	13	2	44	1.51	.050	35	13	.10	735	.01	5	.69	.01	.11	1	180
034627	4	9	21	142	.2	46	12	804	3.58	333	10	ND	19	51	.6	14	2	44	.58	.110	46	20	.19	537	.01	9	.84	.01	.18	1	100
034628	3	11	21	169	.1	56	13	497	3.90	397	5	ND	18	80	.6	10	2	78	.73	.112	49	31	.89	1197	.14	2	1.65	.04	.65	1	96
034629	4	16	30	212	.3	48	11	598	4.33	1456	5	ND	17	103	1.6	20	2	51	.52	.040	39	19	.09	995	.01	9	1.20	.01	.15	2	540
034630	4	12	35	270	.2	45	12	691	3.85	1059	5	ND	16	99	1.9	18	2	57	.82	.038	36	17	.08	933	.01	5	.94	.01	.10	3	420
RE 034627	5	9	22	152	.1	48	13	842	3.78	361	5	ND	19	54	.6	13	2	47	.61	.117	47	22	.20	566	.01	6	.89	.01	.19	1	100
034631	4	11	46	224	.2	27	10	594	3.42	868	5	ND	15	115	1.1	17	2	39	.48	.046	38	8	.06	1202	.01	8	1.22	.01	.19	2	600
034632	5	14	52	111	1.7	13	5	119	2.51	1932	5	2	9	112	.8	25	2	20	.13	.036	30	1	.05	938	.01	5	.52	.01	.17	1	4090
034633	10	21	20	91	.8	19	4	100	2.18	682	5	ND	6	226	.6	21	2	60	.16	.044	26	1	.06	1460	.01	9	.71	.02	.30	1	890
034634	9	14	20	134	.6	33	3	82	1.53	174	5	ND	3	199	.4	11	2	86	.15	.051	14	1	.05	1308	.01	8	.64	.02	.28	1	210
034635	9	27	21	89	.2	27	4	113	2.11	190	5	ND	5	143	3.2	15	2	53	.21	.047	23	1	.09	1359	.01	7	.71	.01	.26	1	190
034636	5	21	17	229	.1	54	11	457	3.20	115	5	ND	9	240	1.6	14	2	38	1.91	.098	26	21	.74	237	.01	9	.79	.02	.27	1	40
STANDARD C/AU-R	19	57	39	133	6.9	70	32	1042	3.94	41	15	6	37	51	18.9	15	19	56	.50	.091	37	59	.88	175	.09	34	1.88	.06	.15	11	460

BCRE 91-608.

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery (RD) WH 91-45 RC 91-609, 10, 11

Noranda Exploration Co. Ltd. PROJECT 9110-004 330 File # 91-4800 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033261	4	38	39	263	.7	13	10	751	4.29	1815	5	ND	13	62	2.2	27	2	35	.08	.040	35	23	.04	690	.01	7	.67	.01	.09	1	970
033262	4	14	35	102	.5	13	10	683	3.82	290	5	ND	13	54	.2	16	2	54	.83	.028	30	31	.19	535	.01	3	.64	.01	.07	1	270
033263	4	12	37	124	.3	19	10	710	3.74	253	5	ND	14	51	.2	16	2	58	.40	.030	36	39	.12	558	.01	5	.68	.01	.06	1	44
033264	4	16	33	101	.3	13	10	596	3.57	111	5	ND	18	78	.2	11	2	62	.75	.101	54	39	.04	911	.01	4	.89	.01	.05	1	10
033265	5	14	31	96	.2	12	9	856	3.83	329	5	ND	14	56	.2	15	2	59	1.40	.058	31	31	.05	677	.01	4	.79	.01	.05	1	280
033266	2	19	19	101	.3	10	8	626	3.58	89	5	ND	19	68	.5	6	2	79	.99	.108	50	48	.76	485	.04	3	1.63	.03	.23	1	24
033267	2	19	22	102	.3	13	8	619	3.52	62	5	ND	19	70	.3	8	2	87	1.00	.112	49	52	1.00	1468	.20	3	1.88	.05	.44	1	4
033268	3	16	19	122	.2	15	9	618	3.64	70	5	ND	17	65	.4	7	2	90	1.00	.109	41	53	1.14	1663	.22	3	2.06	.04	.38	1	15
033269	3	15	19	128	.1	19	9	693	3.72	165	5	ND	16	63	.8	14	2	95	.81	.106	48	51	1.00	1556	.22	2	1.96	.04	.46	1	11
033270	6	18	47	223	.6	38	13	778	4.09	572	5	ND	15	68	2.7	46	2	101	.19	.052	37	39	.03	993	.01	2	.78	.01	.05	1	46
033271	5	18	32	129	.1	17	10	729	3.36	204	5	ND	18	73	.9	11	2	78	.90	.065	38	41	.11	1007	.02	2	1.06	.02	.07	1	68
033272	5	20	31	147	.2	22	12	820	3.87	261	5	ND	19	49	.7	15	2	80	.39	.094	51	44	.24	754	.01	2	1.20	.01	.05	1	6
033273	6	17	33	142	.2	23	11	852	4.04	528	5	ND	16	66	.2	16	2	78	.11	.045	36	39	.05	781	.01	3	.78	.01	.06	1	26
033274	7	19	32	133	.4	24	11	1078	4.66	1225	5	ND	15	64	.8	17	2	78	.09	.042	37	35	.04	887	.01	4	.68	.01	.09	1	590
033275	6	15	34	122	.6	18	11	976	3.95	1849	5	ND	15	61	.2	16	2	64	.12	.034	34	42	.03	813	.01	4	.68	.01	.07	1	1520
033276	4	21	35	130	1.3	17	10	890	4.25	3667	5	4	15	61	.2	22	2	54	.16	.035	32	35	.04	719	.01	6	.69	.01	.09	1	4410
033277	5	18	31	110	2.9	16	9	603	3.61	5445	5	12	13	79	.2	20	2	48	.13	.028	28	35	.04	600	.01	4	.61	.01	.07	1	11060
RE 033273	6	14	32	132	.2	23	11	831	3.98	566	5	ND	15	64	.2	16	2	73	.11	.046	34	42	.05	752	.01	4	.77	.01	.07	1	23
033278	8	57	29	206	1.3	36	9	304	3.81	3455	5	ND	8	83	.9	24	2	55	.24	.040	24	29	.13	860	.01	5	.86	.01	.19	1	3890
033279	4	48	22	168	.7	47	9	267	1.80	385	5	ND	6	30	.9	10	2	58	.22	.032	21	34	.83	280	.01	5	1.15	.01	.23	1	30
033280	4	62	20	163	.8	25	10	333	3.32	190	5	ND	11	55	1.5	9	2	75	.78	.092	36	47	1.58	637	.01	5	1.92	.01	.16	1	160
033281	8	42	28	257	.9	77	8	366	2.13	170	5	ND	8	71	1.6	11	2	154	1.30	.075	28	51	1.68	638	.01	3	1.60	.01	.06	1	8
033282	6	50	60	303	1.3	107	7	486	2.58	177	5	ND	6	79	4.2	8	2	188	3.93	.047	15	40	2.44	552	.06	2	1.75	.01	.05	1	31
033283	1	96	17	196	.7	48	7	358	2.74	176	5	ND	13	79	2.1	13	2	212	2.50	.111	37	43	1.44	2062	.17	2	2.23	.03	.43	1	240
033284	3	86	8	93	.3	12	8	312	3.12	45	5	ND	16	75	.5	8	3	80	1.25	.105	45	46	1.36	3208	.26	2	2.41	.05	.64	1	6
033285	2	75	9	92	.3	13	8	365	3.11	104	5	ND	15	81	.6	16	4	89	1.21	.110	42	39	1.37	2931	.26	3	2.69	.04	.61	1	22
033286	1	54	8	84	.3	13	7	492	2.84	130	5	ND	15	77	.4	20	2	88	2.87	.102	42	33	1.29	6029	.25	2	3.09	.04	.58	1	27
033287	1	123	10	99	.5	13	9	376	3.38	128	5	ND	16	64	.5	22	2	95	1.07	.111	46	45	1.62	3368	.23	2	3.09	.03	.62	1	5
034637	5	15	16	113	.2	31	9	554	3.55	477	5	ND	17	187	.7	15	2	27	2.07	.098	39	33	.22	501	.01	6	.72	.01	.23	1	66
034638	4	15	20	132	.2	37	10	593	3.41	389	5	ND	18	159	.3	18	2	49	1.69	.098	46	36	.38	591	.01	5	.91	.01	.15	1	330
034639	4	12	17	168	.3	48	11	713	3.33	222	5	ND	18	128	.5	14	2	57	2.15	.096	50	35	.38	548	.01	3	1.13	.01	.15	1	190
034640	3	10	18	107	.2	32	10	585	3.66	120	5	ND	18	120	.5	5	3	87	1.37	.095	52	61	1.32	1021	.16	2	2.18	.04	.53	1	56
034641	3	13	17	107	.2	28	8	589	3.55	173	5	ND	19	146	1.5	4	2	87	1.32	.090	46	63	1.36	1190	.16	2	2.17	.06	.65	1	310
034642	2	16	15	118	.1	36	10	610	3.59	76	5	ND	18	155	.7	7	2	83	1.55	.098	47	62	1.45	805	.09	2	2.38	.03	.40	1	34
034643	4	11	19	143	.2	45	10	554	3.84	135	5	ND	17	133	.7	12	2	85	1.32	.098	43	63	1.42	1059	.08	3	2.19	.03	.27	1	59
034644	3	11	17	95	.2	22	10	606	3.36	60	5	ND	17	213	.5	2	2	76	2.22	.092	42	62	1.37	587	.03	3	2.13	.03	.22	1	110
034645	4	16	24	111	.2	23	9	631	3.45	58	5	ND	16	191	.5	4	4	88	1.64	.091	40	68	1.44	2086	.28	3	2.13	.06	.81	1	120
STANDARD C/AU-R	18	58	39	141	7.0	72	32	1052	4.00	42	19	6	38	54	18.5	16	21	54	.47	.089	37	58	.91	181	.09	32	1.92	.08	.17	11	520

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 30 1991 **DATE REPORT MAILED:** Oct 2/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCDDH 91-4/5 KOKANEE

GOLDEN BEAR 91-609

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
034646	3	15	18	98	.1	17	10	628	3.37	68	5	ND	15	194	.2	2	2	84	2.09	.103	43	38	1.30	1687	.12	2	1.92	.05	.39	1	54
034647	3	12	16	106	.1	30	12	664	3.62	70	5	ND	16	129	.2	2	2	88	1.20	.105	45	51	1.36	1025	.09	2	2.16	.04	.35	1	43
034648	4	15	15	97	.1	24	10	627	3.48	41	5	ND	14	149	.2	2	2	93	1.75	.105	41	51	1.37	1415	.23	2	1.97	.06	.61	1	40
034649	3	14	15	91	.1	14	9	609	3.21	28	5	ND	14	197	.2	2	2	84	2.15	.099	43	47	1.28	1167	.15	2	1.84	.06	.53	1	81
034650	3	13	13	80	.1	12	9	568	3.13	25	5	ND	15	214	.2	2	2	75	2.69	.094	44	46	1.25	676	.04	2	1.73	.04	.23	1	19
034651	3	9	11	84	.1	18	9	514	2.96	66	5	ND	13	188	.2	2	2	65	1.95	.087	34	46	1.17	255	.01	3	1.63	.03	.13	1	15
034652	5	23	18	194	.1	61	14	338	3.55	179	5	ND	10	78	.2	8	2	44	.60	.084	36	30	.76	521	.01	2	1.43	.02	.19	1	16
034653	4	12	48	238	.1	58	9	269	3.18	175	5	ND	11	51	.3	10	2	46	.37	.082	31	26	.74	404	.01	5	1.46	.02	.20	1	16
034654	3	14	42	292	.2	70	12	414	3.27	109	5	ND	10	65	.6	6	2	48	.34	.085	34	10	.63	1367	.01	5	1.44	.02	.19	1	4
034655	6	38	24	334	.2	70	13	137	3.27	74	5	ND	8	159	1.3	9	2	58	.18	.051	38	6	.17	1048	.01	10	.93	.02	.31	1	8
034656	6	38	25	424	.2	97	24	180	3.77	42	5	ND	8	93	2.4	3	2	55	.15	.046	36	2	.10	1012	.01	13	.89	.02	.32	1	9
034657	10	41	21	304	.2	65	12	126	3.63	120	5	ND	8	185	.7	4	2	56	.15	.053	35	1	.08	1197	.01	8	.68	.01	.26	1	5
034658	14	31	29	370	.1	66	12	204	3.49	163	5	ND	9	263	.9	4	2	159	.28	.119	32	42	.50	1000	.04	4	1.06	.02	.26	1	4
034659	9	22	23	342	.1	60	15	424	3.92	117	5	ND	11	185	.9	3	2	94	.92	.119	32	46	.79	299	.04	7	1.31	.03	.34	1	3
034660	5	16	24	327	.1	56	16	443	4.00	53	5	ND	12	105	.5	2	2	79	.88	.111	33	39	1.13	702	.11	2	1.54	.03	.55	1	3
034661	14	51	21	525	.4	88	14	386	3.25	139	5	ND	7	435	3.4	7	2	153	.87	.173	28	20	.39	1728	.01	5	.86	.01	.16	1	3
034662	6	29	28	185	.2	40	13	671	3.61	401	5	ND	13	97	.6	276	2	58	.27	.083	43	25	.19	1107	.02	6	1.17	.01	.20	1	9
034663	8	33	17	158	.1	34	8	177	2.00	65	5	ND	6	114	.4	31	2	57	.18	.039	23	1	.08	1687	.01	9	.66	.01	.20	1	1
034664	6	80	17	270	.1	55	15	126	2.52	48	5	ND	7	118	.4	9	2	43	.12	.036	33	1	.05	1479	.01	8	.68	.01	.21	1	6
034665	6	48	24	314	.1	66	14	136	3.69	130	5	ND	11	107	.9	11	2	56	.08	.057	40	4	.05	1246	.01	7	.79	.01	.17	1	8
034666	9	41	23	307	.1	68	11	146	4.04	285	5	ND	8	125	.9	20	2	61	.09	.039	28	1	.04	1437	.01	6	.63	.01	.15	1	76
034667	5	24	31	265	.1	69	15	528	4.16	665	5	ND	13	98	1.4	15	2	59	.18	.035	20	22	.04	1102	.01	4	.91	.01	.08	1	390
034668	5	29	26	239	.1	53	14	482	4.03	244	5	ND	16	93	1.0	6	2	53	1.21	.077	37	32	.17	712	.01	5	.88	.01	.16	1	90
034669	4	14	16	177	.1	43	12	538	3.54	106	5	ND	16	94	.5	5	2	55	1.68	.103	38	41	.48	414	.01	5	1.16	.01	.16	1	17
034670	6	12	19	331	.1	72	13	420	4.00	266	5	ND	16	84	1.0	6	2	58	1.02	.097	43	32	.35	536	.01	4	.84	.01	.12	1	7
034671	3	15	21	190	.1	35	10	496	3.36	97	5	ND	15	129	.3	2	2	70	1.85	.089	47	39	.82	467	.07	3	1.10	.03	.27	1	2
034672	6	16	22	273	.1	49	12	580	3.83	175	5	ND	16	164	.8	17	2	61	1.67	.080	45	33	.50	798	.01	4	.77	.01	.14	1	3
034673	5	16	22	276	.1	51	14	689	3.71	691	5	ND	16	136	1.4	11	2	59	1.25	.089	44	33	.45	728	.04	6	.98	.02	.25	1	35
034674	6	15	20	340	.1	65	14	800	3.84	375	5	ND	17	97	1.0	6	2	65	1.08	.106	48	44	.63	717	.03	2	1.27	.02	.23	1	220
034675	5	15	16	250	.1	49	15	713	3.70	169	5	ND	16	122	.4	13	2	71	1.21	.104	43	33	.94	1015	.03	2	1.56	.02	.22	1	2
034676	4	12	13	248	.1	37	16	777	3.36	102	5	ND	14	188	.6	10	2	58	2.04	.091	35	32	.86	510	.01	3	1.19	.02	.15	1	2
034677	12	21	17	395	.1	82	16	584	3.24	231	5	ND	10	133	1.1	12	2	50	.69	.076	36	18	.39	653	.01	8	.98	.02	.26	1	24
034678	18	23	26	573	.1	145	19	488	3.57	190	5	ND	9	108	.7	10	2	25	.70	.085	31	15	.27	543	.01	7	.97	.01	.24	2	3
RE 034674	6	15	24	336	.1	65	14	788	3.80	367	5	ND	17	95	1.2	7	2	63	1.08	.100	47	44	.62	715	.03	5	1.25	.02	.22	1	200
034679	11	14	28	374	.1	123	16	548	3.11	223	5	ND	10	181	.4	11	2	20	1.65	.082	28	11	.52	503	.01	8	.83	.02	.24	1	18
034680	14	10	58	642	.1	81	12	609	3.57	192	5	ND	9	180	.7	10	2	17	1.91	.086	26	13	.61	409	.01	9	.81	.01	.28	2	5
034681	12	17	27	673	.1	77	12	671	3.78	232	5	ND	8	196	1.2	13	2	16	2.02	.094	28	13	.66	345	.01	9	.68	.01	.23	2	16
STANDARD C/AU-R	19	62	42	128	7.1	71	32	1048	4.02	43	19	7	39	52	18.7	16	17	58	.48	.090	40	59	.89	180	.09	35	1.90	.07	.15	12	480

GOLDEN BORE 91-609

GOLDEN BORE 91-610

Samples beginning 'RE' are duplicate samples.

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
034682	9	22	24	377	1.0	66	13	543	3.43	181	5	ND	14	240	1.2	15	2	50	1.97	.094	32	32	.80	92	.02	9	.90	.02	.24	2	25
034683	7	12	17	424	.1	71	12	591	3.36	113	5	ND	13	198	.7	2	2	45	2.19	.098	34	29	.96	130	.01	5	1.08	.02	.19	1	19
034684	7	15	25	662	.3	126	13	611	3.41	199	5	ND	12	283	2.2	8	2	30	2.26	.134	38	25	.84	208	.01	6	.96	.02	.19	1	23
034685	17	40	18	627	.4	82	9	377	2.21	151	5	ND	4	271	6.2	15	2	125	1.84	.182	19	52	.31	52	.01	7	.87	.02	.19	1	27
034686	6	15	25	223	.1	48	15	649	3.30	121	5	ND	18	105	.6	2	2	69	.81	.089	49	46	.24	872	.04	4	1.08	.02	.21	1	13
034687	3	12	17	107	.1	17	10	569	3.05	46	5	ND	17	100	.2	4	2	77	1.90	.083	52	46	.75	939	.18	4	1.37	.05	.46	1	32
034688	3	13	19	103	.1	18	9	574	2.98	19	5	ND	15	116	.2	2	2	78	1.98	.087	49	51	.89	745	.18	2	1.49	.06	.47	1	7
034689	4	11	13	104	.1	17	11	622	3.17	79	5	ND	17	101	.2	2	4	76	2.03	.089	57	49	.86	648	.11	5	1.56	.04	.39	2	19
034690	3	14	24	130	.5	22	11	547	3.15	33	5	ND	19	86	.4	2	2	85	1.27	.089	51	48	1.01	828	.21	3	1.63	.05	.41	2	10
034691	3	14	22	108	.2	18	10	650	3.21	35	5	ND	18	123	.3	2	2	88	2.20	.092	52	52	1.22	960	.17	2	1.88	.04	.49	1	8
034692	3	15	11	103	.3	22	11	602	3.18	62	5	ND	19	102	.5	3	2	82	1.50	.094	53	53	1.21	879	.11	5	1.80	.04	.39	2	5
034693	5	13	19	122	.5	27	12	644	3.20	93	5	ND	21	49	.3	12	2	75	.61	.096	58	48	1.11	598	.05	4	1.85	.02	.28	1	9
034694	5	7	24	122	.3	36	13	673	2.96	120	5	ND	20	37	.3	11	2	61	.51	.101	54	40	.77	420	.02	3	1.44	.01	.18	1	13
034695	3	13	17	117	.4	31	13	757	3.16	87	5	ND	21	44	.4	11	2	72	.74	.110	67	40	.54	679	.01	4	1.51	.01	.17	2	7
034696	4	14	19	197	.3	66	16	1576	4.17	135	5	ND	21	62	.6	17	2	79	.57	.098	60	47	.99	1551	.03	5	2.31	.02	.22	1	8
034697	6	13	19	262	.2	57	20	890	4.36	144	5	ND	19	39	.7	13	2	58	.67	.102	58	31	.15	880	.01	3	.73	.01	.11	1	14
034698	5	15	17	224	.3	62	19	690	3.83	115	5	ND	20	54	.3	13	2	42	.87	.101	55	32	.31	674	.01	4	1.16	.01	.16	1	15
034699	8	24	29	240	.3	57	13	429	3.96	156	5	ND	13	85	.5	13	2	54	.74	.080	48	25	.24	953	.01	7	.99	.01	.23	1	17
034700	8	20	32	185	.8	45	10	153	3.26	305	5	ND	11	114	.5	15	2	31	.24	.055	41	19	.09	1013	.01	8	.62	.01	.25	1	13
034701	7	10	32	212	.1	48	10	648	3.59	175	5	ND	11	93	.6	10	2	25	.30	.084	44	18	.08	1355	.01	6	.60	.01	.18	1	18
034702	9	13	51	296	.8	60	13	1058	3.83	251	5	ND	14	141	.9	19	2	26	.27	.077	49	25	.11	1344	.01	7	.84	.02	.25	1	19
034703	6	10	54	320	.5	50	14	643	3.57	171	5	ND	13	133	.6	13	2	30	.29	.078	45	25	.13	1377	.01	8	.82	.01	.23	1	13
034704	6	16	28	445	.2	63	14	872	3.65	271	5	ND	11	79	.9	11	2	23	.30	.079	46	16	.10	1050	.01	8	.72	.01	.25	1	42
034705	4	14	21	191	.4	37	13	919	3.61	89	5	ND	15	95	.5	3	2	60	.84	.096	43	38	.68	370	.05	6	1.45	.03	.36	1	14
RE 034702	8	12	45	284	.4	57	13	1024	3.68	241	5	ND	12	135	.8	17	2	25	.26	.075	46	25	.11	1292	.01	6	.78	.02	.24	1	22
034706	14	22	22	404	.4	71	12	231	3.47	109	5	ND	10	87	1.0	5	2	58	.26	.063	41	24	.24	1360	.01	12	1.02	.02	.31	1	7
034707	4	13	15	216	.1	47	12	431	3.70	50	5	ND	12	67	.4	2	2	64	.68	.095	43	34	.72	354	.09	5	1.55	.03	.43	1	10
034708	7	21	17	167	.6	42	10	110	2.47	50	5	ND	8	82	1.3	6	2	39	.19	.034	31	14	.13	53	.01	16	.70	.01	.28	1	5
034709	17	48	15	333	.9	67	10	113	2.37	74	5	ND	4	131	2.9	10	2	124	.21	.055	13	35	.12	26	.01	17	.77	.01	.24	1	6
STANDARD C/AU-R	19	59	41	131	7.4	68	32	1047	3.93	41	22	7	40	50	18.5	16	18	57	.47	.085	39	58	.88	180	.09	34	1.89	.06	.15	12	450

Samples beginning 'RE' are duplicate samples.

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
033324	2	16	16	69	.4	10	8	392	2.96	16	5	ND	20	53	.2	3	2	78	.47	.096	45	56	.89	628	.06	2	1.62	.06	.33	1	14
033325	2	17	14	76	.2	11	9	399	3.08	19	5	ND	17	58	.4	12	2	83	.55	.100	46	58	1.08	842	.07	2	1.86	.05	.34	1	4
033326	2	16	13	71	.1	11	8	381	3.07	31	5	ND	17	55	.6	16	2	88	.57	.102	47	58	1.03	924	.13	2	1.92	.05	.56	1	8
033327	2	20	27	145	.1	24	10	473	2.82	189	5	ND	18	58	.8	38	2	98	.52	.123	59	44	.33	760	.10	2	1.52	.02	.38	1	21
033328	6	20	34	221	.4	44	11	1002	3.25	347	5	ND	18	77	3.0	49	2	97	.11	.056	37	49	.03	1057	.02	2	1.10	.01	.06	4	100
033329	6	19	31	196	.2	38	12	800	3.63	414	5	ND	12	84	2.3	48	2	102	.07	.048	25	48	.03	2903	.02	3	1.14	.01	.07	4	120
033330	6	16	25	183	.6	31	9	727	3.21	1420	5	ND	14	76	2.6	30	2	86	.09	.040	33	50	.02	1063	.01	5	.96	.01	.10	3	1290
033331	6	15	28	138	.4	21	11	637	3.85	1586	5	ND	17	74	1.8	30	2	88	.10	.041	38	41	.03	1547	.01	7	1.05	.01	.14	5	550
033332	6	15	30	133	.9	19	11	674	3.07	1410	5	ND	19	83	1.6	31	2	76	.09	.043	37	45	.02	1073	.01	6	1.00	.01	.12	6	720
033333	6	17	30	109	.2	15	10	631	3.10	715	5	ND	15	87	.8	31	2	72	.06	.042	33	44	.02	1026	.02	3	1.01	.01	.06	6	240
033334	7	16	30	120	.9	20	10	726	3.18	1560	6	ND	17	72	.9	39	2	64	.21	.038	34	49	.03	1027	.01	7	.96	.01	.16	2	730
033335	6	17	30	130	1.0	21	11	579	3.74	2812	5	3	16	75	1.2	29	2	71	.24	.035	36	43	.03	932	.01	6	.95	.01	.13	2	1210
033336	5	15	27	99	.9	17	10	477	3.47	1838	5	ND	14	142	.8	25	2	40	.88	.065	41	37	.12	568	.01	13	.98	.01	.24	1	720
RE 033341	4	18	30	96	.7	15	10	578	3.57	2039	5	2	15	155	.5	27	2	47	1.36	.080	44	35	.30	420	.01	6	.95	.01	.11	1	1040
033337	5	20	28	139	.1	25	12	505	3.53	462	5	ND	17	79	1.4	15	2	69	.87	.111	61	40	.05	894	.01	8	1.18	.01	.21	1	110
033338	6	16	23	85	1.2	17	11	784	3.57	2251	5	3	15	71	.3	17	2	59	.61	.055	38	50	.05	1544	.01	6	1.08	.01	.12	1	1990
033339	5	18	31	82	2.6	13	10	651	3.69	6428	5	8	13	81	.4	36	2	51	.45	.038	31	43	.06	682	.01	6	.83	.01	.12	1	7460
033340	4	21	36	115	.2	18	12	725	3.58	1037	5	ND	22	94	.2	14	2	67	.59	.095	55	37	.04	1130	.01	5	1.23	.01	.11	1	140
033341	4	18	27	93	.8	15	10	573	3.48	1964	5	2	16	149	.5	26	2	47	1.31	.077	44	34	.29	403	.01	6	.92	.01	.13	1	1010
033342	3	16	24	96	.5	13	9	887	3.03	1482	5	ND	14	233	.5	18	2	37	2.61	.031	27	31	.82	460	.01	8	.77	.01	.14	1	440
033343	7	40	27	389	1.2	30	7	272	2.61	1379	5	ND	7	117	6.6	17	2	86	.95	.049	16	53	.26	124	.01	6	.66	.01	.10	1	260
033344	50	93	18	438	3.9	101	6	25	1.97	713	7	ND	4	93	10.4	29	3	235	.12	.086	12	61	.03	145	.01	8	.58	.01	.19	1	330
033345	18	74	12	325	3.7	44	4	19	1.14	480	9	ND	1	339	8.4	16	2	423	.91	.638	11	110	.02	3726	.02	10	.77	.01	.13	2	160
034710	6	49	18	372	.7	73	15	324	4.14	257	5	ND	8	94	2.8	135	2	57	.27	.057	19	34	.10	1263	.01	9	1.05	.02	.30	2	210
034711	10	44	18	340	.3	61	10	52	2.93	53	6	ND	5	199	1.7	18	2	56	.18	.052	4	17	.04	1259	.01	7	.96	.02	.33	1	7
034712	8	49	12	472	.1	93	18	164	3.66	31	5	ND	4	139	1.1	4	2	56	.15	.055	4	19	.04	1397	.01	7	1.10	.02	.34	1	4
034713	12	56	17	458	.3	81	14	110	3.51	39	8	ND	5	150	.9	10	2	61	.15	.054	5	16	.04	1064	.01	6	1.06	.02	.30	1	5
034714	14	29	16	210	.3	57	7	171	2.42	28	5	ND	4	151	.6	6	2	76	.16	.055	6	18	.04	1462	.01	8	.87	.02	.34	1	6
034715	21	28	13	244	.6	63	6	101	2.37	36	5	ND	2	341	.7	7	2	144	.37	.182	3	40	.03	2127	.01	11	.82	.01	.26	1	3
034716	43	63	13	613	1.0	131	11	72	3.55	74	5	ND	3	382	2.4	10	2	177	.44	.230	3	46	.04	1014	.01	10	1.23	.02	.28	1	6
034717	21	45	17	267	.7	62	4	43	3.10	49	5	ND	3	376	.5	7	2	142	.19	.116	6	28	.06	1564	.01	10	.91	.02	.30	1	5
034718	36	67	17	382	.7	79	7	111	3.83	96	5	ND	4	355	.8	8	2	150	.16	.122	4	29	.04	1766	.01	8	.97	.01	.32	1	2
034719	34	60	14	637	.1	103	15	183	4.28	92	5	ND	4	194	1.0	6	2	77	.12	.067	5	23	.04	1490	.01	7	1.16	.02	.32	1	4
034720	41	46	25	539	.4	87	9	50	3.51	113	5	ND	9	165	1.4	11	2	66	.12	.067	19	28	.04	1498	.01	8	1.02	.02	.32	1	5
034721	41	86	34	709	.3	150	15	62	4.04	204	5	ND	21	136	1.6	14	2	64	.21	.117	53	56	.04	1604	.01	8	1.48	.01	.33	1	1
034722	15	57	19	452	.4	65	8	29	4.09	74	5	ND	7	131	2.0	10	2	67	.10	.057	9	17	.04	1122	.01	8	.91	.02	.30	1	1
034723	12	37	16	357	.1	49	5	10	3.43	41	5	ND	3	129	.3	8	2	80	.09	.045	4	17	.03	1121	.01	9	.76	.01	.26	1	3
STANDARD C/AU-R	19	65	40	130	6.9	72	31	1035	3.92	41	15	7	41	53	17.5	15	21	60	.48	.088	40	58	.87	173	.09	34	1.92	.06	.15	11	480

BCDDH 91-47 (TWIN OF BCRC 90-279) KOKANEE ZONE

BCRC 91-612 GOLDEN ZONE

Samples beginning 'RE' are duplicate samples.

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
BCRC 91-612 cont... GOLDEN																															
034724	7	40	11	433	.2	59	8	65	3.26	26	5	ND	2	84	.6	5	2	54	.09	.035	5	1	.05	1548	.01	12	.81	.01	.21	2	5
034725	14	24	11	353	.3	32	3	25	1.94	32	5	ND	2	85	.3	5	2	61	.09	.029	4	1	.04	1487	.01	12	.68	.01	.18	2	2
034726	22	24	11	635	.3	43	6	30	2.11	67	5	ND	2	85	1.8	5	2	68	.08	.032	4	5	.05	1074	.01	15	.80	.01	.21	3	3
034727	11	53	10	704	.2	73	15	98	2.84	57	5	ND	2	84	20.6	3	2	50	.09	.025	5	1	.06	902	.01	12	.97	.02	.23	4	1
034728	9	31	11	395	.2	53	12	109	2.14	31	5	ND	1	84	3.6	2	2	41	.12	.026	3	9	.19	311	.01	11	.64	.01	.20	2	3
034729	12	43	12	342	.5	70	18	77	2.14	29	5	ND	1	104	17.5	7	2	63	.15	.051	3	23	.07	85	.01	14	.85	.01	.26	1	3
034730	30	95	10	1196	2.1	127	10	134	2.30	34	5	ND	1	239	22.3	11	2	241	.39	.250	3	69	.15	99	.01	13	.90	.01	.20	6	8
034731	11	49	10	625	.7	96	16	156	2.73	28	5	ND	1	139	9.2	6	2	81	.40	.055	3	23	.29	71	.01	14	.83	.02	.26	3	5
034732	7	35	11	566	.3	93	19	278	3.14	20	5	ND	1	102	4.4	3	2	50	.28	.027	3	17	.46	94	.01	12	.70	.01	.24	2	7
034733	9	37	10	459	.4	77	14	131	2.58	27	5	ND	1	104	3.4	5	2	54	.37	.026	2	18	.32	74	.01	10	.57	.01	.20	2	7
034734	4	19	33	234	.3	19	11	581	3.29	58	5	ND	9	192	1.5	27	2	23	2.00	.073	23	33	.68	464	.01	12	.78	.01	.26	1	8
034735	4	17	34	132	.2	16	11	624	3.08	65	5	ND	9	188	.7	30	2	28	2.56	.076	27	46	.72	409	.01	8	.80	.01	.27	1	2
034736	3	20	26	93	.3	17	11	755	3.28	426	5	ND	7	188	.2	48	2	28	3.05	.040	29	26	.52	702	.01	7	.88	.01	.22	1	70
RE 034741	3	17	27	104	.3	10	9	819	3.41	862	5	ND	10	325	.3	21	2	14	2.31	.065	22	16	.64	686	.01	13	.81	.01	.25	1	340
034737	3	11	22	98	.2	13	10	765	3.50	447	5	ND	10	185	.2	44	2	21	2.52	.080	29	20	.54	499	.01	11	.96	.01	.25	1	21
034738	3	14	27	110	.3	12	10	820	3.54	1358	5	ND	11	201	.2	51	2	21	1.91	.043	32	21	.59	674	.01	11	.85	.01	.22	1	860
034739	2	19	19	99	.3	11	9	736	3.19	512	5	ND	11	189	.2	41	2	20	1.99	.039	30	12	.62	716	.01	9	.76	.01	.20	1	91
034740	3	20	28	92	.4	11	10	707	3.31	1287	5	ND	11	187	.2	33	2	22	1.80	.049	28	23	.54	762	.01	10	.92	.01	.23	1	1320
034741	3	18	29	104	.2	9	10	817	3.42	874	5	ND	10	327	.3	21	2	14	2.32	.068	23	15	.65	707	.01	13	.82	.01	.26	1	350
034742	2	20	23	58	.2	9	9	632	3.14	120	5	ND	9	330	.2	13	2	12	2.31	.034	22	9	.69	746	.01	10	.67	.01	.21	1	6
BCRC 91-613 LUCKY ZONE																															
034743	3	20	19	60	.2	12	10	649	3.24	267	5	ND	9	354	.2	24	2	14	2.64	.042	25	14	.82	929	.01	10	.82	.01	.27	1	10
034744	3	31	29	108	.2	9	9	531	3.01	1313	5	ND	7	237	.2	95	2	10	1.92	.033	19	8	.67	740	.01	8	.66	.01	.22	1	43
034745	3	31	29	105	.4	12	9	472	3.59	2738	5	ND	8	201	.3	109	2	13	1.30	.034	20	7	.47	709	.01	11	.66	.01	.22	1	310
034746	5	33	11	128	.4	54	13	275	2.83	1015	5	ND	9	214	.4	49	2	36	.72	.056	30	10	.29	750	.01	11	.81	.01	.28	1	103
034747	6	44	11	105	.6	52	15	94	2.76	558	5	ND	9	150	.6	29	2	36	.19	.038	34	10	.11	375	.01	11	.60	.01	.29	1	39
034748	3	21	12	112	1.4	28	9	505	2.36	4863	5	ND	8	244	.9	41	2	28	.92	.023	25	12	.34	398	.01	12	.65	.01	.28	1	4090
034749	5	17	38	123	.5	72	14	480	2.67	2381	5	ND	7	213	.3	27	2	26	.74	.024	27	11	.39	407	.01	10	.72	.01	.27	1	1100
034750	7	37	39	97	.8	89	20	371	3.47	1222	5	ND	7	149	.2	24	2	34	.36	.027	24	16	.21	102	.01	12	.85	.01	.31	1	680
034751	3	22	16	73	.3	31	12	648	3.43	828	5	ND	8	325	.2	17	2	25	2.28	.069	23	16	.92	237	.01	10	.79	.01	.30	1	300
034752	2	23	14	123	.5	27	13	537	3.86	520	5	ND	10	307	.3	12	2	23	2.40	.082	26	13	1.07	285	.01	11	.68	.01	.29	1	160
034753	4	35	11	223	.3	59	18	192	3.36	308	5	ND	6	98	.9	14	2	30	.57	.037	23	12	.50	94	.01	13	.75	.02	.35	1	38
034754	4	36	18	240	.1	65	19	277	4.02	116	5	ND	5	79	.6	8	2	34	.38	.035	21	19	.57	125	.01	10	.84	.03	.36	1	25
034755	6	33	11	246	.1	69	16	166	3.39	51	5	ND	3	78	.9	9	2	35	.28	.033	9	12	.43	84	.01	7	.59	.02	.25	1	12
034756	6	35	8	222	.2	67	18	141	3.11	60	5	ND	4	67	.8	7	2	31	.26	.027	12	12	.45	118	.01	8	.70	.02	.28	1	8
034757	3	32	8	188	.1	53	20	257	4.31	50	5	ND	4	61	.2	3	2	29	.21	.025	13	11	.70	193	.01	7	.71	.02	.30	1	4
Lucky Zone 614																															
034758	19	48	8	445	1.4	60	6	302	1.59	114	5	ND	3	290	7.5	16	2	285	1.81	.692	16	39	.35	1623	.01	18	.80	.01	.21	2	19
034759	20	49	20	571	1.0	67	9	496	2.88	437	6	ND	7	246	5.7	46	2	199	1.72	.237	27	46	.53	1490	.01	17	1.25	.01	.32	3	200
STANDARD C/AU-R	19	56	42	137	7.1	74	33	1079	3.95	42	17	7	36	53	17.0	14	18	60	.48	.096	39	60	.92	170	.09	36	1.90	.06	.15	11	460

Samples beginning 'RE' are duplicate samples.

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
034760	22	55	25	557	.7	88	14	440	3.43	242	7	ND	5	217	5.5	16	2	166	1.08	.155	17	50	.33	1290	.01	11	1.09	.02	.31	1	65
034761	10	39	23	493	.1	104	23	225	3.70	65	8	ND	4	128	4.9	2	2	60	.24	.045	8	24	.13	961	.01	6	.96	.02	.26	1	39
034762	7	36	15	322	.1	67	17	113	3.29	42	5	ND	3	131	1.0	2	3	42	.19	.035	6	22	.09	902	.01	8	.96	.03	.29	1	15
034763	6	37	17	378	.1	90	24	224	4.19	33	5	ND	3	134	3.4	2	2	48	.18	.043	5	18	.08	695	.01	5	.82	.02	.27	1	12
034764	7	43	17	316	.1	57	15	122	4.57	32	5	ND	3	100	1.4	2	2	39	.25	.039	5	15	.07	587	.01	5	.74	.02	.20	1	12
034765	10	49	16	388	.2	76	21	191	4.12	38	9	ND	3	133	1.2	2	2	51	.68	.056	5	57	.08	309	.01	8	1.07	.03	.34	1	14
034766	6	31	21	236	.1	69	18	195	3.57	39	5	ND	3	108	.6	2	2	42	.80	.035	4	17	.09	232	.01	7	.74	.02	.29	1	7
034767	8	29	17	355	.2	63	19	218	3.91	37	5	ND	3	81	1.7	2	2	44	.26	.035	4	13	.11	531	.01	9	.63	.02	.26	1	11
034768	7	36	21	404	.1	98	23	229	4.09	32	5	ND	3	122	22.4	2	2	51	.18	.027	5	17	.09	751	.01	7	.99	.02	.27	1	8
034769	4	37	18	409	.1	93	24	237	4.28	27	5	ND	3	94	7.1	2	2	42	.18	.031	5	16	.16	613	.01	10	1.13	.02	.26	1	7
034770	4	39	22	322	.1	72	22	148	3.80	58	5	ND	3	104	3.3	2	2	43	.22	.031	5	15	.10	705	.01	10	1.07	.03	.30	1	7
034771	6	35	18	497	.1	118	27	241	3.77	52	5	ND	3	133	6.5	2	2	47	.27	.035	5	15	.30	427	.01	8	1.15	.02	.25	1	11
034772	8	44	14	454	.1	102	20	149	3.52	48	5	ND	2	184	12.7	2	2	67	.57	.042	4	17	.37	155	.01	9	1.14	.02	.25	1	61
034773	13	32	17	223	.3	47	9	114	2.60	215	5	ND	3	157	3.2	2	2	95	.38	.039	5	29	.15	138	.01	8	1.08	.02	.21	1	7
034774	7	40	17	226	.1	50	17	243	3.87	35	5	ND	2	123	2.4	2	2	50	.41	.033	4	18	.40	202	.01	7	.70	.02	.24	1	64
034775	6	40	19	247	.1	57	18	169	3.44	27	6	ND	2	93	1.9	2	2	43	.36	.030	4	12	.34	249	.01	5	.71	.02	.26	1	5
RE 034771	5	38	19	490	.1	115	26	238	3.73	55	5	ND	3	135	6.1	2	2	47	.27	.035	5	16	.30	462	.01	7	1.16	.02	.25	1	15
034776	3	36	21	302	.1	62	24	335	5.10	31	5	ND	2	64	.8	2	2	38	.31	.037	4	12	.85	276	.01	7	.74	.02	.28	1	11
034777	6	38	18	322	.1	78	22	191	3.41	27	5	ND	2	107	1.4	2	2	45	.43	.038	3	12	.58	109	.01	9	.84	.03	.32	1	8
034778	7	37	23	358	.2	82	22	177	3.34	31	5	ND	2	114	2.1	3	2	42	.55	.035	3	20	.62	98	.01	7	.72	.02	.24	1	7
034779	5	37	16	282	.1	69	22	262	4.26	35	5	ND	2	97	.7	2	2	35	.44	.033	3	13	.77	139	.01	3	.64	.02	.23	1	10
034780	9	33	16	286	.3	67	18	200	3.53	26	5	ND	2	117	1.3	3	2	47	.82	.036	3	23	.77	89	.01	7	.66	.02	.23	1	4
034781	8	37	24	317	.2	83	22	133	2.76	31	5	ND	2	85	1.4	2	2	46	.49	.039	3	23	.46	87	.01	6	.84	.02	.29	1	11
034782	3	32	16	216	.1	44	20	410	5.76	26	5	ND	3	57	.3	2	3	31	.31	.028	4	13	1.06	275	.01	5	.65	.02	.24	1	28
034783	13	37	15	358	.4	84	17	239	3.03	82	5	ND	1	146	1.7	5	2	65	.97	.062	3	31	.47	48	.01	12	.74	.01	.26	1	25
034784	14	38	15	444	.4	82	16	134	2.96	70	5	ND	1	187	2.8	7	2	63	.60	.073	2	32	.26	45	.01	17	.69	.01	.27	1	11
034785	29	55	13	823	1.9	99	9	104	1.77	98	5	ND	1	261	11.9	16	2	266	.93	.352	4	80	.17	73	.01	22	.82	.01	.23	1	48
034786	61	133	16	1761	2.5	163	8	269	1.47	122	17	ND	3	247	31.3	25	2	806	2.96	.499	13	122	1.10	82	.01	26	1.06	.01	.27	2	61
STANDARD C/AU-R	19	58	39	130	7.2	69	32	1081	3.90	42	20	7	38	52	18.4	14	19	57	.47	.090	38	57	.87	174	.09	34	1.86	.06	.15	11	460

LUCKY ZONE
BCRC 91-614

Samples beginning 'RE' are duplicate samples.

MPLE#	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
3382	3	11	33	139	.5	19	16	1561	4.51	1265	5	ND	11	118	.2	323	2	22	2.01	.066	40	13	.09	1251	.01	8	.89	.01	.23	1	330
3383	2	11	27	151	.4	17	15	1452	4.54	1527	5	ND	11	125	.2	260	2	17	2.09	.077	43	1	.08	1225	.01	9	.72	.01	.20	1	750
3384	2	20	29	112	1.4	9	11	1190	4.26	4904	5	5	10	161	.2	1055	2	29	.60	.049	42	1	.12	1528	.01	9	.87	.01	.21	1	5380
3385	5	37	35	168	.8	43	16	1002	3.93	1178	5	ND	16	165	1.1	465	2	44	.12	.058	55	9	.05	1787	.01	7	.90	.01	.28	1	460
3386	3	31	50	208	.7	38	18	1115	4.08	2121	5	ND	15	127	1.5	1379	2	38	.16	.045	48	31	.08	1213	.01	5	.94	.01	.16	1	1120
3387	4	49	56	179	.7	37	16	350	3.22	3165	6	3	18	130	.9	2693	2	42	.08	.033	36	42	.03	857	.01	3	.71	.01	.10	2	2540
3388	3	37	55	182	.9	33	16	1119	3.99	3143	5	3	13	128	.8	11970	2	45	.66	.025	27	46	.28	601	.01	3	.74	.01	.11	1	3770
3389	2	25	27	110	.8	27	12	1228	3.57	2257	5	ND	10	294	.7	288	2	33	2.53	.022	22	34	.92	548	.01	5	.62	.01	.11	1	2340
3390	3	16	31	142	.8	12	12	1392	4.03	2415	5	4	6	217	.2	3715	2	27	1.86	.022	14	32	.71	332	.01	5	.63	.01	.13	1	3250
3391	3	15	38	144	.9	16	13	1674	3.82	2499	5	3	8	177	.2	1102	2	30	1.30	.025	18	27	.45	448	.01	7	.63	.01	.11	1	4260
3392	5	27	53	248	1.4	32	14	1051	3.47	2950	5	2	5	189	1.4	6019	2	36	1.50	.022	13	35	.61	93	.01	2	.77	.01	.07	1	5470
3393	9	40	83	273	2.2	42	15	892	3.93	3181	5	ND	3	200	1.7	6714	2	38	2.01	.021	12	41	.83	55	.01	6	.77	.01	.14	1	5060
3394	6	18	34	124	.9	34	12	1675	4.19	1696	5	2	6	143	.5	204	2	48	1.64	.027	18	29	.69	294	.01	2	.50	.01	.08	1	4850
3395	4	11	26	85	.5	14	8	1752	3.65	732	5	2	6	246	.2	108	2	47	2.99	.034	19	22	.97	882	.01	2	.55	.01	.07	1	2130
3396	3	14	36	129	.2	13	11	1485	4.95	131	5	ND	8	124	.2	50	2	63	.92	.029	27	29	.56	744	.01	2	.63	.01	.03	1	190
3397	2	17	38	216	.1	25	16	1057	3.84	55	6	ND	12	156	.5	33	2	55	.04	.050	38	10	.03	1380	.01	4	.81	.01	.08	2	23
3398	2	15	40	325	.3	24	17	1268	4.20	284	5	ND	13	150	1.2	31	2	58	.82	.063	40	12	.07	1782	.01	4	1.12	.01	.12	1	160
033403	3	15	39	127	.2	14	10	781	3.33	518	5	ND	12	190	.2	475	2	55	2.54	.043	32	18	.79	1198	.01	2	.74	.01	.07	1	510
3399	2	15	48	305	.5	24	15	1029	3.88	510	5	ND	10	190	1.7	57	2	42	2.00	.057	30	16	.33	1152	.01	3	.80	.01	.12	1	1000
3400	2	14	40	153	.3	18	13	1396	3.85	1018	5	ND	9	214	.4	57	2	45	1.46	.032	26	20	.35	790	.01	2	.68	.01	.07	1	1860
3401	2	14	41	140	.2	16	12	1041	3.38	468	5	ND	9	134	.4	40	2	51	.57	.023	22	24	.18	601	.01	2	.60	.01	.04	1	640
3402	3	19	61	186	.6	14	11	932	3.86	1178	5	ND	10	186	.5	6700	2	51	2.32	.025	26	31	.61	470	.01	2	.68	.01	.09	1	1090
3403	3	17	39	134	.3	14	11	828	3.58	553	5	ND	13	201	.2	599	2	59	2.76	.044	34	19	.86	1231	.01	2	.76	.01	.07	1	480
3404	3	14	41	116	.2	11	9	954	3.47	370	5	ND	10	145	.3	84	2	53	2.68	.024	26	33	1.01	591	.01	2	.64	.01	.04	1	390
3405	3	19	40	123	.8	14	12	1191	4.05	2405	5	2	9	207	.3	71	2	52	2.04	.022	25	35	.88	318	.01	3	.65	.01	.08	1	2340
3406	3	16	38	136	.5	15	12	1066	3.89	1750	5	ND	11	178	.2	191	2	55	1.99	.037	29	25	.85	677	.01	2	.63	.01	.06	1	2490
3407	2	16	32	87	.6	13	11	782	3.42	971	5	ND	9	238	.4	39	2	32	2.38	.043	20	16	.88	550	.01	5	.65	.01	.11	1	560
3408	2	8	24	52	.2	10	10	814	3.71	56	5	ND	9	188	.2	17	2	36	2.57	.052	19	19	.98	701	.01	7	.86	.01	.13	1	10
3409	5	15	52	116	.3	10	11	1086	4.79	273	5	ND	24	206	.2	48	2	35	1.94	.040	39	28	.89	365	.01	6	.85	.01	.15	1	80
3410	8	26	181	340	2.1	5	12	2521	7.78	1360	11	ND	68	221	1.7	78	2	28	2.45	.040	75	13	1.17	70	.01	2	.71	.01	.06	2	1080
4787	15	33	25	534	.6	57	11	661	3.26	93	5	ND	7	153	3.3	131	2	94	1.09	.095	29	69	.45	999	.01	12	1.46	.03	.30	2	30
4788	17	53	26	914	.5	92	14	494	3.82	80	5	ND	6	183	8.5	16	2	113	.94	.135	25	24	.35	915	.01	7	1.21	.02	.26	4	12
4789	12	49	20	687	.2	100	17	317	4.02	58	5	ND	4	132	12.4	10	2	76	.41	.075	14	13	.18	915	.01	7	1.10	.02	.25	4	5
4790	6	34	20	387	.2	70	15	461	4.51	58	5	ND	2	110	7.7	7	2	42	.40	.043	8	8	.17	1233	.01	6	.88	.03	.26	1	16
4791	9	29	17	267	.1	65	11	180	2.40	31	5	ND	2	83	1.9	5	2	42	.21	.026	4	1	.08	889	.01	8	.84	.02	.27	1	4
4792	8	29	19	258	.2	63	13	178	3.39	25	5	ND	1	72	2.4	3	2	48	.17	.030	4	4	.07	793	.01	9	.76	.02	.26	1	3
4793	5	29	19	222	.1	56	12	201	3.20	21	5	ND	1	73	1.8	2	2	44	.17	.032	4	8	.08	666	.01	10	.84	.03	.30	1	3
TANDARD C/AU-R	18	58	38	133	7.1	71	34	1049	3.99	42	18	7	37	52	18.4	20	19	56	.48	.091	39	59	.88	178	.09	32	1.90	.06	.15	12	530

ample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
34794	5	39	17	279	.1	60	10	135	3.51	18	5	ND	1	73	1.2	4	2	37	.18	.035	3	7	.07	590	.01	4	.89	.03	.29	1	16
34795	6	39	16	316	.2	71	15	191	3.75	29	5	ND	1	69	2.8	5	2	41	.17	.034	4	2	.07	720	.01	6	.81	.02	.25	1	10
34796	3	30	17	296	.1	67	18	211	3.90	16	5	ND	1	57	2.5	5	2	28	.18	.028	4	5	.09	523	.01	6	.71	.02	.23	1	1
34797	6	34	17	312	.2	68	12	131	4.48	23	5	ND	1	64	1.7	5	2	40	.16	.034	3	5	.17	643	.01	6	.66	.02	.19	1	3
34798	6	34	13	267	.2	56	12	137	3.80	20	5	ND	1	73	1.6	4	2	43	.18	.036	3	15	.23	107	.01	8	.75	.02	.22	1	3
34799	5	35	14	253	.2	53	12	109	2.66	17	5	ND	1	95	2.3	3	2	38	.18	.035	3	15	.20	220	.01	6	.76	.02	.23	1	2
34800	8	37	18	358	.3	81	10	83	2.45	28	5	ND	1	140	4.9	5	2	61	.20	.061	3	29	.17	129	.01	6	1.13	.02	.27	1	6
34801	8	38	34	470	.3	116	14	143	2.94	21	5	ND	1	103	15.3	2	2	54	.21	.053	4	43	.26	222	.01	10	1.56	.03	.30	1	1
34802	6	32	18	422	.3	61	9	83	2.17	29	5	ND	1	136	18.4	5	2	36	.17	.034	4	10	.18	392	.01	7	.90	.02	.21	1	1
34803	3	35	14	391	.1	77	12	158	3.04	22	5	ND	1	86	11.8	2	2	29	.18	.029	3	13	.32	390	.01	5	.95	.02	.23	1	3
34804	5	34	14	295	.1	84	14	96	2.51	21	5	ND	1	103	7.2	2	2	32	.17	.029	3	13	.14	76	.01	6	.98	.02	.24	1	3
34805	4	29	13	277	.1	76	14	206	4.26	21	5	ND	1	76	11.5	4	2	35	.17	.026	3	23	.40	71	.01	6	1.04	.03	.26	1	5
34806	5	35	17	309	.2	82	18	229	3.78	20	5	ND	1	129	3.7	2	2	45	.29	.029	3	27	.56	90	.01	5	.87	.02	.25	1	2
34807	8	36	14	342	.2	80	16	177	3.36	25	5	ND	1	174	2.0	5	2	50	.64	.025	3	27	.60	46	.01	4	.71	.02	.22	1	1
34808	12	30	11	310	.3	75	10	102	2.24	26	5	ND	1	233	1.7	4	2	66	1.16	.017	2	41	.60	44	.01	5	.52	.01	.17	1	1
34809	6	34	13	290	.2	60	17	247	3.90	17	5	ND	1	109	1.4	2	2	44	.41	.032	3	49	.74	84	.01	8	1.10	.04	.34	1	1
34810	10	38	14	348	.3	75	15	150	2.84	28	5	ND	1	107	1.8	3	2	47	.50	.035	3	44	.45	42	.01	6	.91	.03	.28	1	4
34811	10	35	14	342	.3	78	12	105	2.28	24	5	ND	1	115	2.3	4	2	56	.63	.044	2	28	.38	43	.01	6	.75	.02	.23	1	4
34812	8	32	13	272	.2	77	14	142	2.61	45	5	ND	1	92	1.5	3	2	42	.50	.033	3	21	.42	43	.01	4	.65	.02	.21	1	5
34813	7	34	15	271	.2	74	16	146	2.92	22	5	ND	1	84	1.4	4	2	39	.39	.028	3	26	.48	44	.01	5	.77	.02	.26	1	3
34814	8	34	12	247	.4	66	14	173	2.71	37	5	ND	1	129	1.5	4	2	37	.54	.029	3	21	.49	52	.01	8	.61	.02	.21	1	4
34815	5	40	15	243	.2	55	9	132	3.55	45	5	ND	2	111	1.5	17	2	36	.21	.040	9	12	.08	634	.01	6	.77	.02	.27	1	3
34816	6	27	42	475	.3	81	20	761	3.84	590	5	ND	7	128	2.6	14	2	33	.79	.059	28	15	.23	964	.01	8	.90	.02	.24	1	260
34817	5	15	137	516	1.0	33	11	1029	3.80	1674	5	ND	10	156	1.9	30	2	23	.91	.066	38	13	.27	1322	.01	12	1.00	.01	.26	2	920
34818	5	16	187	374	1.6	24	11	932	3.86	2204	5	2	10	115	1.9	34	2	18	.51	.056	37	13	.15	875	.01	9	.70	.01	.20	1	1460
34819	6	23	71	440	.5	44	12	652	3.85	1042	5	ND	6	163	2.3	18	2	29	.69	.045	27	6	.23	906	.01	5	.63	.01	.23	1	510
34820	6	34	31	453	.3	77	17	293	5.79	298	5	ND	2	84	1.1	9	3	38	.25	.044	9	2	.10	905	.01	4	.72	.02	.19	1	210
34821	6	38	36	522	.4	90	20	331	5.30	272	5	ND	2	92	1.8	8	2	44	.25	.046	9	11	.12	974	.01	6	.85	.02	.23	2	230
34822	7	34	29	367	.3	56	13	230	4.14	274	5	ND	2	97	2.2	8	2	39	.36	.045	11	4	.12	1103	.01	5	.74	.02	.21	1	13
34823	5	33	20	318	.2	62	15	124	3.72	129	5	ND	1	92	1.0	6	2	33	.20	.041	6	4	.09	838	.01	5	.77	.02	.22	1	26
34824	7	30	21	297	.2	57	13	77	3.02	60	5	ND	1	81	1.1	3	2	38	.17	.035	4	9	.12	846	.01	6	.75	.02	.22	1	13
RE 034820	6	33	29	431	.3	72	16	280	5.52	295	5	ND	1	81	1.1	8	2	36	.25	.043	9	2	.10	869	.01	5	.68	.02	.18	2	220
34825	8	38	18	317	.3	61	11	100	3.87	72	5	ND	1	62	1.7	4	2	43	.15	.035	3	26	.17	63	.01	8	.67	.02	.18	1	14
34826	10	25	16	255	.3	47	8	44	2.25	73	5	ND	1	83	.6	6	2	50	.16	.040	4	12	.07	569	.01	8	.59	.02	.19	1	5
34827	5	43	17	231	.2	64	18	127	2.68	55	5	ND	1	61	2.3	3	2	32	.19	.032	4	12	.26	187	.01	4	.60	.02	.19	1	8
STANDARD C/AU-R	18	58	39	132	7.0	70	31	1041	3.98	43	16	8	36	52	18.6	19	19	56	.48	.090	38	58	.88	178	.09	34	1.89	.06	.15	11	490

BCRC 91-615

LUCKY BCRC 91-616

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9110-018 330 File # 91-5047 Page 1

1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	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
034828	4	24	171	410	.5	73	28	1012	4.22	182	5	ND	10	116	5.2	22	2	42	.26	.063	42	76	.05	1933	.01	6	.91	.01	.13	23	10
034829	3	20	109	258	.3	31	15	1259	4.55	336	5	ND	14	117	1.1	21	2	52	.67	.048	38	67	.24	1326	.01	6	.82	.01	.11	2	13
034830	3	22	100	380	.4	43	21	2040	5.04	302	6	ND	15	125	2.6	15	2	49	.28	.070	36	80	.11	1127	.01	6	.98	.01	.16	1	19
034831	6	28	122	141	.6	22	9	597	4.48	592	5	ND	12	129	.2	28	2	45	.10	.042	36	58	.06	1081	.01	11	.73	.01	.17	2	45
034832	5	28	437	394	2.6	36	12	751	4.51	1195	5	ND	11	191	1.9	137	2	33	.29	.075	29	71	.12	1376	.01	11	1.00	.01	.22	1	88
034833	5	26	547	567	3.1	29	11	1508	4.03	986	5	ND	13	353	6.2	209	2	25	2.27	.066	21	87	.68	314	.01	13	1.14	.01	.25	1	116
034834	3	28	747	958	5.4	27	12	1949	4.21	1702	5	ND	11	234	12.0	656	3	20	1.86	.046	16	108	.73	182	.01	9	.63	.01	.14	1	890
034835	2	52	63	408	1.1	46	16	1960	4.39	550	5	ND	8	541	1.8	229	2	32	3.54	.028	19	61	1.56	142	.01	10	.65	.01	.18	1	320
034836	17	82	49	516	1.3	63	14	1693	2.91	719	5	ND	7	403	9.6	140	2	119	2.52	.053	22	86	.93	368	.01	12	.70	.01	.21	1	610
034837	32	132	147	865	2.8	77	8	1531	2.17	618	8	ND	6	425	31.3	131	2	390	3.59	.090	18	140	1.39	528	.01	7	.74	.01	.15	1	220
034838	5	30	47	264	.6	28	13	1485	3.86	550	5	ND	17	292	2.5	45	2	51	2.73	.069	25	47	.95	493	.01	7	.75	.01	.16	1	200
034839	9	31	134	424	1.0	36	13	1885	3.85	1065	5	ND	13	325	8.0	95	2	54	2.95	.060	23	62	1.03	328	.01	7	.87	.01	.13	1	320
034840	3	25	40	190	.1	21	12	1173	4.08	250	5	ND	19	291	.7	26	2	51	2.47	.060	35	44	.84	954	.01	7	.96	.01	.13	1	34
034841	4	19	31	287	.1	28	14	1717	4.12	330	5	ND	18	225	2.5	35	2	51	2.33	.076	29	61	.81	1031	.01	5	.99	.01	.11	1	21
034842	5	22	45	339	.1	34	17	1550	4.71	239	5	ND	20	251	1.6	44	2	60	1.40	.071	37	69	.57	1594	.01	6	1.00	.01	.11	1	26
034843	3	26	92	934	1.2	30	16	2453	4.75	487	5	ND	15	216	12.4	50	2	47	2.21	.045	23	103	.73	406	.01	9	.96	.01	.15	1	35
034844	3	19	54	400	.1	32	13	1206	4.49	319	5	ND	18	168	2.1	41	2	77	2.05	.082	42	70	1.09	1239	.09	5	1.99	.02	.28	1	31
034845	4	26	105	494	.6	35	14	1165	4.23	333	5	ND	20	120	2.3	51	2	72	1.95	.098	50	76	.69	734	.06	5	1.54	.01	.22	1	31
034846	5	47	117	316	1.5	45	12	1523	3.47	1379	5	ND	7	282	2.7	66	2	35	2.96	.042	19	60	.99	372	.01	10	.88	.01	.24	1	790
034847	4	33	45	119	.7	14	10	1557	4.06	2028	5	ND	8	258	1.0	73	2	18	3.11	.028	13	34	.97	132	.01	11	.95	.01	.30	1	750
034848	3	18	19	75	.4	12	9	1456	3.77	1333	5	ND	9	233	.3	22	2	26	3.49	.038	19	34	1.15	554	.01	12	1.33	.01	.32	1	560
034849	4	42	25	127	.7	30	9	1030	2.99	1398	5	ND	8	191	.4	30	2	27	2.09	.039	20	38	.67	454	.01	13	.82	.01	.26	1	650
RE 034845	4	24	104	477	.6	34	14	1132	4.08	370	5	ND	20	117	2.1	50	2	69	1.90	.096	48	73	.66	674	.03	5	1.44	.01	.22	1	27
034850	3	49	40	200	.4	30	10	617	2.53	507	5	ND	7	373	.5	36	2	27	1.06	.119	23	46	.30	618	.01	18	1.07	.01	.32	1	39
034851	2	58	15	88	.1	18	7	680	2.82	75	5	ND	7	280	.2	17	2	12	4.98	.046	18	29	2.25	202	.01	21	.78	.01	.35	1	45
034852	6	46	19	228	.1	66	18	195	3.86	30	5	ND	10	98	.3	10	2	43	.31	.035	45	47	.14	1277	.01	11	.77	.02	.24	1	14
034853	5	51	22	266	.3	86	24	462	4.86	39	5	ND	11	89	1.8	6	2	42	.10	.037	44	52	.06	1260	.01	9	.75	.02	.23	1	16
034854	5	29	25	194	.2	37	14	688	3.99	54	5	ND	12	189	.9	4	2	44	1.74	.092	42	48	.62	821	.01	8	.83	.02	.23	1	8
034855	7	45	28	140	.4	38	12	680	3.78	97	5	ND	12	244	.6	11	3	53	1.67	.100	40	38	.59	1133	.01	14	.88	.02	.26	1	13
034856	4	22	36	128	.3	19	11	943	3.79	174	5	ND	14	296	.4	18	2	30	2.93	.097	32	44	1.03	282	.01	8	.80	.01	.22	1	24
034857	3	21	167	284	1.0	15	10	1115	4.00	370	5	ND	14	334	2.0	33	2	26	3.07	.081	27	49	1.13	124	.01	8	.80	.01	.20	1	30
034858	4	13	934	692	4.1	20	9	866	3.84	508	5	ND	14	200	7.4	211	2	22	1.29	.074	29	82	.51	121	.01	18	.90	.01	.28	1	240
034859	5	30	504	268	3.3	24	12	915	3.39	1166	5	ND	15	248	6.1	259	2	29	1.41	.055	30	50	.62	199	.01	20	1.22	.01	.31	1	420
034860	4	41	69	152	.5	26	17	450	4.50	663	9	ND	28	127	2.1	51	2	23	.24	.036	53	32	.13	300	.01	11	.91	.01	.21	1	18
034861	7	17	96	115	1.8	18	13	277	3.83	682	5	ND	16	144	3.0	101	2	27	.38	.032	30	69	.20	65	.01	19	1.42	.01	.36	1	260
034862	6	33	1208	579	5.3	21	9	773	3.00	950	5	ND	8	177	10.0	5796	2	25	.96	.030	18	97	.47	121	.01	16	1.24	.01	.33	1	450
034863	3	24	306	540	2.2	26	10	1150	3.14	660	5	ND	8	249	7.9	363	2	21	2.09	.051	15	69	.62	77	.01	10	1.00	.01	.22	1	270
STANDARD C/AU-R	20	55	40	132	6.7	70	31	1058	3.96	44	20	6	39	53	18.8	14	21	58	.48	.090	41	58	.88	177	.09	35	1.90	.06	.15	11	470

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 15 1991 DATE REPORT MAILED: Oct 17/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

P.002/002 TO NORANDA YT FROM ACME ANALYTICAL OCT-18-1991 11:07

BOHEMIAN BCRC 91-617

BOHEMIAN BCRC 91-618

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
034864	4	18	633	676	4.3	20	9	1433	3.48	400	5	ND	9	311	7.4	70	2	25	3.41	.082	13	29	1.29	90	.01	15	1.11	.01	.31	1	36
034865	4	22	418	614	3.1	17	10	1289	3.52	313	5	ND	9	298	5.7	61	2	22	3.50	.073	13	36	1.23	78	.01	11	.92	.01	.26	1	7
034866	3	18	156	314	.8	15	10	1200	3.47	517	5	ND	11	333	2.2	40	2	30	4.01	.086	20	27	1.30	93	.01	9	1.05	.01	.25	1	68
034867	3	15	85	221	.6	12	10	1333	3.48	566	5	ND	12	259	1.2	39	2	37	3.32	.049	22	36	1.07	171	.01	6	1.17	.01	.24	1	33
034868	3	36	2355	1566	14.0	14	9	1782	3.95	1280	5	ND	10	261	20.5	1284	2	30	3.30	.058	19	36	1.17	75	.01	11	1.25	.01	.29	1	450
034869	3	17	142	202	.9	14	11	1297	3.79	823	5	ND	12	277	1.5	84	2	44	3.14	.056	25	38	1.06	116	.01	7	1.36	.01	.22	1	240
034870	12	39	43	382	1.9	62	11	909	2.45	1660	5	ND	4	368	5.0	57	2	99	1.96	.099	14	62	.89	85	.01	10	.89	.01	.23	1	930
034871	13	33	345	1435	3.2	49	8	1579	2.42	2152	5	ND	5	308	20.7	183	2	95	1.77	.155	14	120	.66	103	.01	8	.80	.01	.14	5	1730
034872	4	14	286	1064	1.7	18	11	2125	3.43	1268	5	2	13	181	13.5	92	2	41	2.04	.077	31	50	.78	98	.01	8	.95	.01	.17	1	890
034873	4	16	239	1579	1.3	16	11	1913	3.77	744	5	ND	14	231	20.7	67	2	45	2.72	.087	31	48	.99	104	.01	7	1.08	.01	.19	1	200
034874	3	21	2936	4297	13.0	18	11	2404	3.92	574	5	ND	14	174	68.2	450	2	51	2.87	.080	34	40	1.07	108	.01	4	1.01	.01	.14	1	57
034875	5	14	65	187	.5	13	9	735	3.63	65	5	ND	15	132	1.2	18	3	92	2.41	.102	46	64	1.25	664	.24	2	2.02	.06	.92	1	10
034876	3	15	64	212	.8	23	14	1183	4.14	1541	5	ND	16	351	1.5	93	2	43	3.39	.098	47	14	.88	1285	.01	2	.78	.01	.22	1	1040
034877	2	17	63	239	.5	26	14	1004	3.97	660	5	ND	16	304	1.4	245	2	48	3.24	.072	40	15	.85	1069	.01	2	.88	.01	.14	1	410
034878	3	20	66	475	.6	62	21	1070	4.00	668	5	ND	16	208	3.9	100	2	45	2.25	.053	36	12	.24	1166	.01	4	1.27	.01	.16	1	390
034879	3	26	257	766	2.1	69	25	1601	4.72	1820	5	4	18	206	9.8	198	3	47	1.06	.071	45	1	.18	2065	.01	6	1.20	.01	.14	1	2220
034880	3	24	73	463	.5	70	26	864	4.55	440	5	ND	20	192	4.1	45	2	74	.71	.088	50	1	.09	2810	.01	2	1.44	.01	.07	1	290
034881	3	27	50	297	.3	46	20	976	4.34	270	5	ND	18	215	2.9	24	2	72	2.02	.079	42	11	.47	1682	.01	2	1.16	.01	.08	1	220
034882	3	28	142	464	.6	51	19	1043	4.00	271	5	ND	15	217	5.3	64	2	62	1.59	.051	32	17	.22	1262	.01	2	1.19	.01	.08	1	13
034883	2	19	71	203	1.0	23	14	993	3.57	553	5	ND	15	219	1.6	25	2	46	2.64	.056	31	15	.56	1037	.01	4	.98	.01	.14	1	240
034884	3	24	357	812	1.9	22	15	801	3.52	166	5	ND	19	151	10.7	106	2	67	1.99	.102	50	19	.31	1019	.01	2	1.13	.01	.11	1	53
034885	3	20	253	307	2.7	28	15	800	3.59	184	5	ND	18	91	2.3	32	2	68	2.10	.108	57	29	.39	564	.01	2	.95	.01	.11	1	17
RE 034882	3	28	144	461	.5	50	19	1035	3.98	274	5	ND	15	214	5.3	64	2	62	1.58	.050	32	16	.22	1231	.01	2	1.13	.01	.08	1	8
034886	3	21	484	363	5.0	23	13	734	3.47	187	5	ND	17	98	3.0	47	2	80	1.48	.103	52	30	.83	1208	.11	2	1.73	.03	.56	1	30
034887	3	26	201	368	1.6	16	11	671	3.58	97	5	ND	16	154	4.3	61	2	87	1.98	.107	49	4	1.01	2953	.22	2	2.16	.04	.84	1	5
034888	3	19	80	162	.6	15	12	590	3.49	109	5	ND	17	142	1.2	22	2	79	2.04	.110	50	1	.93	2981	.10	2	2.24	.02	.58	1	5
034889	4	22	167	214	1.1	17	12	985	3.74	276	5	ND	16	114	1.6	79	2	59	2.62	.111	44	28	.90	1019	.02	4	1.81	.01	.24	1	12
034890	6	26	73	227	1.0	43	11	559	3.58	325	5	ND	12	137	1.3	33	2	50	1.23	.077	38	17	.24	573	.01	8	.88	.01	.28	1	4
034891	10	26	41	112	1.1	43	7	90	2.64	554	5	ND	8	167	.4	34	2	49	.15	.030	32	19	.09	740	.01	15	.84	.02	.56	1	200
034892	5	17	44	132	.3	21	11	680	2.99	115	5	ND	13	186	.6	17	2	64	4.56	.094	41	32	.93	1839	.01	3	2.02	.01	.29	1	12
034893	3	16	35	139	.4	13	11	573	3.14	166	5	ND	15	174	.5	24	2	73	2.80	.095	53	6	.78	2783	.08	3	2.01	.01	.52	1	8
034894	3	16	118	154	.8	12	11	573	3.12	150	5	ND	16	153	.6	40	2	71	2.17	.099	60	1	.68	3132	.04	2	1.75	.01	.26	1	14
034895	5	18	79	201	.6	19	11	623	3.15	238	5	ND	14	171	1.3	42	2	64	2.60	.090	45	6	.52	2403	.02	4	1.86	.01	.34	1	210
034896	3	21	108	318	1.4	11	10	837	3.37	464	5	ND	16	152	3.6	50	2	49	2.29	.093	44	25	.83	1121	.01	6	1.58	.01	.24	1	200
034897	3	22	418	534	4.6	12	10	1112	3.22	852	5	ND	14	236	7.3	50	2	26	2.76	.088	33	15	.78	691	.01	12	1.16	.01	.28	1	380
034898	4	27	367	502	4.2	21	12	1220	3.29	778	5	ND	14	207	5.1	123	2	41	1.78	.070	37	12	.51	1693	.01	9	1.40	.01	.28	1	520
034899	4	32	640	839	5.8	23	10	2072	3.22	1199	5	ND	11	231	13.5	115	2	23	2.36	.052	19	15	.58	353	.01	11	.84	.01	.23	1	330
STANDARD C/AU-R	20	63	43	133	7.3	71	33	1047	3.97	43	20	8	40	53	17.0	15	17	62	.50	.089	39	59	.87	177	.09	35	1.89	.07	.15	11	460

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

BOHEMIAN BCRC 91-618

BOHEMIAN BCRC 91-619

FROM HUME MINERALS LTD TO NORANDA 11 P.002/003 01-17-1991 16:46

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
034900 BCRC 91-619	3	19	172	310	1.6	15	9	1778	2.89	314	5	ND	10	283	3.4	42	2	19	3.44	.057	18	17	.89	249	.01	6	.69	.01	.21	1	123
034901	24	107	206	1729	3.3	120	9	845	2.27	435	5	ND	7	435	23.0	67	2	728	3.00	.940	27	106	.54	909	.01	15	1.34	.01	.33	9	79
034902	37	190	62	1369	4.4	115	6	262	1.56	350	10	ND	4	448	30.9	45	2	1750	3.65	.943	26	166	.28	1240	.02	37	1.64	.01	.64	7	40
034903	34	159	24	1774	3.9	122	5	205	1.30	232	10	ND	3	464	34.7	38	2	1122	3.81	.942	22	158	.19	1281	.01	34	1.31	.01	.40	10	12
034904	6	28	49	290	.6	33	10	381	3.57	162	5	ND	10	75	1.7	17	2	31	.44	.047	35	21	.21	339	.01	9	1.13	.02	.60	1	37
034905	5	19	61	255	.6	32	18	801	3.03	75	5	ND	12	175	1.9	6	2	72	2.20	.105	30	63	.98	278	.01	5	1.36	.03	.30	19	14
034906	4	16	42	247	.4	35	16	853	3.49	194	5	ND	14	207	.6	22	2	60	2.23	.091	40	51	1.06	113	.09	6	1.76	.04	.66	1	12
034907	3	15	30	250	.3	38	15	633	3.35	41	5	ND	15	109	.5	8	2	85	1.42	.089	47	43	1.15	848	.26	2	1.96	.06	.74	1	37
034908	4	14	23	117	.3	15	8	601	3.32	35	5	ND	14	124	.2	4	2	75	2.40	.085	46	43	1.16	924	.22	2	1.56	.06	.63	1	23
034909	4	15	24	118	.2	17	9	622	3.39	34	5	ND	15	128	.2	4	2	87	2.12	.089	48	50	1.10	1049	.25	2	1.86	.08	1.02	1	42
034910	3	15	291	856	1.5	20	13	1736	3.74	261	5	ND	13	211	8.5	109	2	49	2.51	.068	32	43	.94	117	.01	6	1.31	.01	.18	3	36
034911	4	14	374	462	1.6	12	8	882	3.30	306	5	ND	14	146	5.0	92	3	77	2.31	.085	42	60	1.19	201	.22	3	1.52	.07	.67	1	47
034912	3	15	737	561	7.5	13	8	1003	3.39	185	5	ND	14	153	4.2	26	3	78	2.69	.092	40	58	1.30	198	.22	6	1.88	.07	.79	3	36
034913	4	15	184	413	1.2	18	10	1223	3.37	118	5	ND	14	145	2.8	37	2	79	2.45	.093	40	57	1.27	299	.25	2	1.62	.06	.74	2	18
034914	5	17	103	273	.7	19	9	803	3.37	84	5	ND	14	160	1.6	23	3	92	2.29	.101	43	62	1.25	400	.24	2	1.71	.07	.79	2	15
034915	3	15	133	229	.9	17	10	1154	3.27	94	5	ND	13	201	1.1	26	2	60	2.89	.095	34	53	1.12	67	.07	5	1.47	.03	.53	2	24
034916	4	17	62	206	.5	18	11	1037	3.57	75	5	ND	14	175	.7	17	2	59	3.02	.102	33	46	1.16	84	.01	4	.99	.02	.26	1	16
034917	3	14	90	189	.5	14	10	1308	3.27	89	5	ND	13	252	.8	25	2	46	3.16	.087	30	41	1.01	75	.02	2	.92	.02	.25	1	24
034918	4	14	60	208	.5	14	10	1182	3.32	72	5	ND	14	239	.9	12	2	46	3.29	.082	31	51	1.12	185	.01	5	1.06	.01	.23	1	12
034919 LUCKY BCRC 91-620	4	19	347	223	1.4	15	10	1458	3.93	606	5	ND	11	229	1.3	233	2	41	3.02	.049	18	53	1.09	40	.01	10	1.24	.01	.28	1	141
034920	4	18	138	274	1.1	16	11	1551	3.62	320	5	ND	12	279	1.6	33	2	41	3.90	.053	19	49	1.33	64	.01	6	.95	.01	.22	2	40
034921	3	15	53	163	.3	13	10	1318	3.43	367	5	ND	12	215	.6	18	2	43	2.96	.039	17	50	1.05	202	.01	5	1.09	.01	.20	1	19
034922	5	16	83	261	.6	16	12	1645	3.74	239	5	ND	12	142	1.1	26	2	51	.85	.039	21	70	.52	126	.01	7	1.64	.01	.22	1	98
034923	3	19	382	644	2.2	17	12	1475	3.67	591	5	ND	11	127	7.9	197	2	32	1.00	.026	15	32	.54	44	.01	7	.69	.01	.17	3	96
034924	2	15	328	552	2.2	14	10	1558	3.56	303	5	ND	10	200	5.3	54	2	30	2.09	.026	14	31	.86	67	.01	4	.65	.01	.16	3	37
034925	2	15	235	327	1.2	15	12	1550	3.78	343	5	ND	12	139	2.7	124	2	44	1.34	.028	17	27	.66	249	.01	2	.72	.01	.14	1	53
034926	2	14	58	176	.3	15	12	1182	3.77	132	5	ND	11	108	.3	21	2	53	1.93	.029	18	31	.84	426	.01	3	.76	.01	.12	1	24
034927	2	16	51	192	.3	16	13	1477	4.87	85	5	ND	11	111	.2	14	2	59	.48	.033	25	23	.54	739	.01	2	.72	.01	.03	1	13
RE 034923	3	20	389	674	2.3	17	12	1497	3.77	607	5	ND	11	126	8.1	173	2	33	1.03	.026	14	32	.55	34	.01	7	.69	.01	.17	3	83
034928	3	17	51	216	.3	26	14	1189	3.96	73	5	ND	15	143	.5	18	2	62	.34	.042	31	28	.44	898	.01	2	.85	.01	.02	1	16
034929	2	19	72	424	.3	24	15	1709	4.67	203	5	ND	11	116	3.0	42	2	60	.59	.032	24	30	.58	697	.01	2	.87	.01	.05	3	10
034930	3	16	54	233	.4	25	15	1064	3.33	81	5	ND	12	120	.6	17	2	49	.99	.035	29	27	.58	780	.01	2	.83	.01	.03	1	9
034931	2	17	47	214	.3	26	15	1113	3.34	72	5	ND	13	149	.2	16	2	51	2.10	.041	31	22	.84	820	.01	3	1.03	.01	.05	1	41
034932	4	14	45	225	.4	22	14	1642	3.92	191	5	ND	11	152	.5	23	2	51	1.39	.033	25	39	.66	556	.01	4	1.04	.01	.09	1	32
034933	2	15	39	203	.3	22	14	1651	3.76	96	5	ND	11	146	.2	16	2	55	.70	.040	27	28	.49	831	.01	2	1.22	.01	.07	1	17
034934	4	19	608	1506	2.9	20	12	1657	4.21	891	5	ND	10	110	21.7	151	2	55	.41	.031	23	53	.43	188	.01	4	.96	.01	.10	9	640
034935 BCRC 91-621	7	19	46	96	1.4	14	4	227	3.19	1442	5	ND	7	245	.7	31	2	55	.25	.052	31	31	.11	75	.01	22	1.09	.01	.74	1	870
STANDARD C/AU-R	18	57	36	133	7.4	70	32	1046	3.99	41	16	8	38	51	17.0	16	18	57	.49	.091	40	59	.87	175	.09	32	1.90	.06	.15	12	480

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

OCT-17-1991 16:07 FROM HUME ANALYTICAL TO NUNAVUT P.003/003

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
034936	7	15	43	53	1.5	9	2	66	2.79	462	5	ND	5	258	.3	483	2	58	.15	.037	25	29	.11	216	.01	28	1.41	.01	1.07	1	121
034937	9	19	30	83	.5	11	2	50	2.81	837	5	ND	5	232	.4	147	2	48	.16	.034	24	37	.07	357	.01	19	.88	.01	.72	1	210
034938	7	24	27	195	.5	35	7	95	4.25	393	5	ND	6	145	.6	47	2	48	.18	.050	29	30	.08	647	.01	22	1.10	.01	.74	1	73
034939	9	21	21	155	.3	34	7	72	3.67	326	5	ND	7	158	.2	23	2	44	.16	.041	29	41	.08	795	.01	20	1.00	.01	.69	1	51
034940	7	21	23	178	.3	43	8	70	2.91	128	5	ND	7	118	.2	15	2	37	.13	.042	29	12	.06	871	.01	13	.75	.01	.38	1	19
034941	7	17	21	76	.3	21	4	49	2.25	128	5	ND	8	168	.2	18	2	40	.12	.055	34	21	.07	978	.01	19	1.08	.01	.67	1	14
RE 034946	4	44	748	2286	2.3	40	13	979	3.56	802	5	ND	11	163	40.4	452	2	45	2.19	.041	22	34	.39	1053	.01	4	1.58	.01	.21	2	231
034942	7	65	517	991	5.5	76	15	680	3.97	352	5	ND	9	205	9.7	131	2	81	.13	.130	28	17	.06	1241	.01	10	1.30	.01	.34	2	220
034943	3	45	1031	1459	14.5	51	16	1155	3.99	720	5	ND	11	139	19.4	218	2	32	1.20	.047	25	14	.20	1384	.01	10	1.49	.01	.30	2	284
034944	5	16	132	465	1.8	22	11	1264	3.61	1719	5	ND	12	235	3.0	173	2	41	3.12	.048	28	52	.57	1092	.01	5	1.55	.01	.25	1	1061
034945	9	36	539	1111	3.2	19	11	1020	3.70	1097	5	ND	12	313	16.7	229	2	47	3.51	.064	27	100	.89	1313	.01	6	1.93	.01	.26	2	745
034946	4	45	746	2326	2.4	42	14	985	3.61	816	5	ND	11	163	40.0	456	2	45	2.25	.041	21	37	.40	1067	.01	5	1.58	.01	.21	2	263
034947	3	40	1627	1852	9.4	26	12	803	4.02	585	5	ND	11	135	31.7	616	2	43	2.31	.044	19	24	.38	868	.01	4	1.09	.01	.16	1	326
034948	6	33	698	1536	4.7	52	16	1130	3.86	688	5	ND	11	153	19.9	274	2	53	1.83	.041	27	65	.17	975	.01	3	1.54	.01	.18	1	231
034949	4	49	786	1558	5.1	100	20	1260	3.93	1119	5	ND	11	173	25.0	305	2	56	1.83	.042	22	38	.11	1285	.01	5	1.51	.01	.14	2	536
034950	5	61	878	1623	5.1	86	18	1012	3.75	1369	5	ND	10	181	25.5	379	2	58	1.51	.047	24	49	.11	979	.01	2	1.66	.01	.13	2	472
034951	5	65	970	1662	5.0	70	17	954	3.71	662	5	ND	10	211	22.5	435	2	57	1.64	.055	23	45	.31	1165	.01	3	1.69	.01	.18	2	357
034952	4	52	445	1350	2.4	36	16	1003	3.76	767	5	ND	11	200	16.7	203	2	51	2.12	.053	27	30	.41	1608	.01	4	1.82	.01	.19	1	430
034953	2	49	644	995	5.7	29	14	1047	4.16	904	5	ND	12	173	10.4	136	2	49	2.03	.042	26	18	.52	1430	.01	3	1.67	.01	.15	1	609
034954	3	39	1018	1258	9.2	18	11	1048	3.98	666	5	ND	12	168	17.6	749	2	39	2.06	.050	23	27	.53	783	.01	5	1.43	.01	.24	1	336
034955	3	24	124	391	1.1	16	11	1010	3.63	546	5	ND	11	160	5.3	1020	2	47	2.13	.061	26	32	.53	1228	.01	7	1.55	.01	.25	1	536
034956	4	45	674	1000	3.1	29	13	1248	4.14	2400	5	ND	10	161	11.7	721	2	38	1.07	.071	28	27	.30	1056	.01	8	1.44	.01	.39	1	682
034957	3	27	126	390	1.4	26	11	963	3.56	416	5	ND	11	138	4.4	216	2	31	1.88	.070	27	25	.48	707	.01	5	1.18	.01	.24	1	210
034958	2	17	89	395	1.0	18	11	1255	3.48	1702	5	2	11	187	3.9	316	2	41	2.21	.038	25	24	.54	939	.01	7	1.40	.01	.20	1	1585
034959	3	19	141	344	1.3	18	10	1205	3.59	958	5	ND	10	163	2.7	241	2	42	2.19	.031	23	26	.54	754	.01	3	1.13	.01	.16	1	483
034960	3	29	191	291	2.1	17	11	1216	3.73	2131	5	ND	11	162	2.8	876	2	34	1.98	.029	20	23	.51	728	.01	5	1.07	.01	.18	1	1292
034961	3	20	71	355	.5	31	15	1018	3.95	928	5	ND	12	148	3.4	184	2	51	1.43	.033	24	25	.37	779	.01	2	1.13	.01	.11	1	504
034962	2	22	118	311	.9	23	13	1232	3.84	1227	5	2	12	149	3.2	128	2	42	1.88	.057	28	20	.49	719	.01	2	1.07	.01	.13	1	924
034963	2	16	78	396	.5	27	15	1761	3.60	886	5	ND	13	179	3.3	199	2	44	1.96	.076	31	21	.56	1006	.01	4	1.54	.01	.18	1	357
034964	2	23	374	336	4.3	20	11	958	3.45	638	5	ND	12	195	2.5	130	2	31	2.33	.079	27	22	.63	740	.01	4	1.22	.01	.24	1	388
034965	2	19	172	424	1.6	18	10	1228	3.37	1007	5	ND	12	138	5.6	150	2	21	2.03	.088	28	18	.55	436	.01	6	.89	.01	.22	1	787
034966	3	22	296	506	1.9	14	9	1489	3.49	688	5	ND	12	205	5.1	92	2	23	2.68	.104	24	25	.86	429	.01	9	1.09	.01	.33	1	409
034967	3	28	141	278	1.9	13	8	1957	3.24	453	5	ND	9	167	3.4	36	2	15	2.14	.087	16	14	.88	531	.01	7	.77	.01	.26	1	252
034968	2	19	70	189	.6	11	8	1772	3.31	961	5	ND	10	217	1.9	30	2	15	2.57	.096	18	17	.78	473	.01	8	.78	.01	.27	1	284
034969	11	30	80	277	.9	45	13	584	3.34	189	5	ND	6	157	2.4	39	2	62	.55	.079	29	66	.27	1686	.01	14	1.29	.02	.37	1	231
034970	6	30	248	427	2.3	44	14	788	3.64	414	5	ND	5	150	4.7	115	2	49	1.03	.078	32	34	.30	1300	.01	7	1.09	.01	.32	1	241
034971	6	35	98	318	.8	96	24	471	3.44	174	5	ND	8	159	2.7	39	2	48	.42	.042	32	5	.15	2002	.01	12	1.29	.02	.39	1	68
STANDARD C/AU-R	18	57	38	129	6.9	69	32	1020	3.87	39	16	6	36	47	18.5	15	17	55	.48	.087	36	57	.83	171	.09	34	1.85	.06	.14	12	472

BOHEMIAN BCRC 91-621

BOHEMIAN BCRC 91-622

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

OCT-17-1991 16:08 FROM ACME ANALYTICAL TO NORANDA YT P.004/009

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
034972	5	33	39	302	.5	101	25	336	3.38	53	5	ND	8	171	3.1	11	2	42	.23	.030	35	1	.09	1669	.01	11	.93	.01	.28	2	25
034973	9	36	30	247	.6	62	15	143	2.66	52	5	ND	6	170	1.0	9	2	48	.21	.027	27	1	.06	1961	.01	7	.68	.01	.19	1	12
034974	10	34	23	194	.6	37	9	95	3.42	33	5	ND	6	151	.2	7	2	52	.18	.027	27	1	.05	2224	.01	13	.72	.01	.20	1	8
034975	9	36	29	211	.6	38	11	124	3.29	52	5	ND	7	114	.5	10	2	50	.13	.027	27	1	.05	1672	.01	10	.70	.01	.20	1	5
034976	8	38	25	275	.5	56	15	144	3.24	31	6	ND	8	96	.3	13	2	54	.09	.024	31	1	.05	1808	.01	11	.79	.01	.21	1	16
034977	6	37	36	239	.9	61	21	205	3.41	327	5	ND	7	94	1.3	4	9	51	.05	.025	36	1	.05	1692	.01	12	.91	.02	.28	1	330
034978	5	37	22	213	.4	78	23	320	3.89	46	5	ND	8	91	3.0	2	2	38	.06	.025	37	3	.08	1317	.01	10	.77	.02	.24	1	20
034979	6	37	33	238	.6	78	21	188	3.38	125	5	ND	7	76	5.4	3	2	54	.05	.024	36	1	.07	1304	.01	11	.82	.02	.25	1	7
034980	7	42	26	272	.6	68	18	139	2.74	29	5	ND	7	60	7.7	5	2	42	.08	.019	37	4	.07	1047	.01	8	.67	.01	.21	1	28
034981	16	37	24	220	1.4	40	7	96	3.25	602	5	ND	6	266	1.7	8	2	198	.09	.148	30	41	.05	509	.01	15	.99	.01	.30	1	4
034982	18	71	12	284	2.1	81	8	48	3.91	1385	7	ND	4	383	2.2	16	2	366	.08	.282	22	76	.05	39	.01	13	1.34	.01	.26	2	390
034983	4	35	18	217	.4	43	13	233	3.62	443	5	ND	7	67	1.4	4	2	36	.12	.022	35	12	.47	393	.01	10	.77	.01	.31	1	53
034984	4	35	21	214	.5	44	14	151	2.89	159	5	ND	8	76	2.6	2	2	34	.13	.027	36	7	.31	428	.01	12	.72	.01	.30	1	6
034985	5	38	13	164	.4	39	13	104	3.23	812	5	ND	7	101	.8	18	2	25	.11	.021	32	13	.17	52	.01	11	.61	.01	.25	1	42
034986	4	34	15	183	.9	47	14	225	3.62	1210	5	ND	6	133	1.3	23	2	25	.20	.017	31	16	.25	26	.01	14	.63	.01	.29	1	380
034987	3	48	152	369	1.2	32	9	540	2.61	460	5	ND	5	161	5.3	512	2	25	1.84	.037	17	20	.66	33	.01	11	.66	.01	.23	1	5
034988	8	38	40	140	.8	54	10	613	2.43	211	5	ND	4	269	3.0	44	2	56	2.05	.066	11	35	.87	25	.01	13	.84	.01	.25	1	64
034989	8	38	842	577	8.0	34	11	909	3.46	758	5	ND	8	278	8.2	278	2	20	2.46	.066	12	16	.78	23	.01	6	.55	.01	.15	3	48
034990	2	34	168	337	1.7	21	10	1194	3.04	497	5	ND	9	243	3.5	52	2	16	2.23	.053	12	17	.66	29	.01	8	.62	.01	.18	1	16
034991	2	33	453	193	4.8	14	9	949	3.11	430	5	ND	10	253	2.4	98	2	21	2.77	.034	15	20	.97	88	.01	8	.73	.01	.21	1	46
034992	2	27	267	457	2.1	16	10	896	3.22	929	5	ND	10	236	6.6	83	2	27	2.43	.047	14	24	.87	59	.01	8	.83	.01	.21	2	47
034993	3	22	137	187	1.5	22	10	1032	3.11	478	5	ND	11	261	2.7	73	4	27	2.70	.051	18	24	.89	107	.01	7	.79	.01	.20	1	54
034994	6	51	156	408	1.7	50	16	838	3.99	582	5	ND	10	160	4.0	34	2	67	.39	.099	35	25	.17	1193	.01	16	1.64	.02	.60	2	210
034995	7	44	146	348	1.9	43	13	552	4.04	624	5	ND	9	182	3.2	50	2	78	.55	.105	32	15	.16	1083	.01	14	1.13	.01	.34	1	240
034996	3	23	73	254	.8	26	13	805	3.70	517	5	ND	14	138	2.5	43	2	65	1.48	.089	44	13	.15	1063	.01	6	1.00	.01	.17	1	210
034997	4	19	293	284	2.0	14	10	733	3.52	752	5	ND	15	106	2.8	96	2	67	1.73	.094	48	43	.62	916	.05	7	1.92	.02	.37	1	760
034998	3	15	57	151	.6	12	10	687	3.36	169	5	ND	14	148	.8	19	2	76	2.33	.093	48	25	.88	1753	.09	5	2.13	.04	.62	1	200
034999	2	16	50	115	.6	11	12	693	3.41	122	5	ND	13	144	.2	6	2	79	3.04	.102	43	1	.98	3117	.11	4	1.95	.03	.60	1	220
035000	3	18	60	136	.6	15	11	745	3.24	287	5	ND	16	106	.7	20	2	74	1.74	.103	50	22	.47	1450	.04	6	1.98	.02	.29	1	200
035001	3	16	41	131	.6	12	11	806	3.64	709	5	ND	16	106	.6	21	2	70	1.64	.095	51	17	.47	1275	.06	4	1.60	.01	.31	1	850
035002	3	16	77	214	.7	11	11	721	3.59	341	5	ND	15	117	1.4	19	2	78	2.44	.103	46	22	.93	2038	.13	5	2.14	.03	.71	1	210
035003	5	16	25	116	.5	12	11	744	3.35	271	5	ND	15	98	.2	22	2	63	2.77	.113	42	55	.66	603	.02	8	1.67	.02	.29	1	240
035004	4	32	322	395	3.5	13	10	747	3.34	190	5	ND	12	82	5.1	76	6	45	2.74	.119	37	23	.55	835	.01	7	1.33	.01	.28	1	200
035005	5	28	150	258	2.3	31	10	1025	3.01	879	5	ND	13	131	4.4	59	4	30	2.66	.178	32	18	.21	872	.01	12	.90	.01	.30	1	310
RE 035002	3	16	74	214	.7	11	11	724	3.52	338	5	ND	14	115	1.5	18	2	78	2.51	.104	46	21	.94	2008	.13	4	2.13	.03	.70	1	250
035006	4	20	146	237	1.3	17	11	830	3.54	483	5	ND	14	138	2.4	57	2	54	3.14	.121	43	8	.48	1425	.02	8	1.29	.01	.27	1	280
035007	5	18	436	395	3.3	9	10	749	3.26	1674	5	ND	14	147	6.5	134	2	61	2.68	.103	42	59	.52	708	.03	4	1.75	.01	.29	1	1690
STANDARD C/AU-R	19	56	41	135	7.1	72	32	1060	4.05	42	16	7	35	52	17.0	16	17	57	.50	.093	38	59	.87	188	.09	35	1.92	.06	.15	11	460

BOHEMIAN BCRC 91-622

BOHEMIAN BCRC 91-623

Sample type; ROCK PULP. Samples beginning 'RE' are duplicate samples.

OCT-17-1991 16:09 FROM HUNTEC ANALYTICAL TO NORANDA P.003/003

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Noranda Exploration Co. Ltd. PROJ. f 9110-018 330 FILE # 91-5047 Pag

ACME ANALYTICAL

BOHEMIAN BCRC 91-623

PACIFIC BCRC 91-624

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
035008	3	14	52	182	.7	9	8	876	2.58	2209	5	2	15	176	1.1	216	2	43	2.55	.075	34	57	.63	927	.01	5	.95	.01	.11	1	2230
035009	3	17	161	242	.8	11	10	1042	3.28	636	5	ND	18	182	3.0	252	2	51	3.24	.099	49	71	.72	1190	.02	12	1.56	.02	.29	1	210
035010	4	19	400	698	3.8	11	10	960	3.31	365	5	ND	18	131	8.3	127	2	61	2.94	.103	55	115	.65	824	.02	7	1.81	.01	.29	1	130
035011	3	18	96	223	.7	12	10	962	3.02	512	5	ND	16	182	1.8	184	2	52	2.51	.048	32	57	.47	1052	.01	4	1.44	.01	.11	1	400
035012	3	16	80	175	.5	12	10	885	3.79	163	5	ND	19	115	1.3	60	2	63	2.66	.104	53	50	.36	673	.01	3	1.54	.01	.19	1	56
035013	2	17	61	152	.3	13	10	790	3.41	127	5	ND	18	210	1.1	35	2	79	2.87	.102	50	58	1.11	2926	.06	3	2.33	.02	.29	1	49
035014	2	21	67	131	.5	10	9	750	3.39	132	5	ND	18	175	.9	30	2	71	2.94	.099	53	49	.80	1750	.06	2	2.02	.02	.29	1	42
035015	2	15	115	146	1.5	13	10	1415	3.11	580	5	ND	16	203	1.1	312	2	55	2.63	.060	38	45	.77	1196	.01	4	1.24	.01	.15	1	530
035016	2	18	60	149	.5	13	10	1093	3.25	356	5	ND	17	240	1.1	170	2	48	3.40	.070	38	39	.89	1784	.01	5	.94	.01	.14	1	159
RE 035021	5	21	50	187	.8	27	10	1457	2.80	448	5	ND	12	316	2.1	44	2	38	3.19	.091	31	64	1.05	589	.01	10	.90	.01	.22	1	131
035017	4	16	35	126	.4	13	10	1041	3.25	270	5	ND	17	199	.8	149	2	52	2.74	.094	43	46	.78	1088	.01	4	1.23	.01	.18	1	82
035018	3	17	46	126	.5	11	9	800	3.21	114	5	ND	18	189	.9	44	2	60	2.62	.096	44	50	.87	1168	.01	5	1.55	.01	.21	1	36
035019	4	26	51	198	.4	19	10	990	3.18	115	5	ND	16	173	2.0	40	2	86	2.52	.122	42	53	.65	716	.01	7	1.27	.01	.29	1	35
035020	2	19	27	130	.3	17	9	1126	3.08	129	5	ND	15	187	1.1	41	2	28	2.78	.100	38	31	.66	419	.01	8	.92	.01	.26	1	31
035021	5	24	48	184	.7	26	9	1440	2.78	434	5	ND	12	307	2.0	36	2	37	3.13	.090	30	62	1.02	524	.01	10	.91	.01	.24	1	131
035022	4	125	14	662	.2	261	57	1306	7.58	130	7	ND	15	104	5.1	27	2	192	.83	.134	38	388	3.04	1661	.36	4	3.05	.03	1.00	1	27
035023	8	170	12	582	.1	180	47	1373	7.27	218	5	ND	18	102	6.2	30	2	173	.62	.143	45	327	2.30	1396	.30	11	2.74	.03	.77	1	28
035024	12	140	21	608	.3	225	44	1540	6.55	887	6	ND	16	139	11.0	44	2	186	.48	.158	50	314	1.42	1736	.21	11	1.94	.02	.74	1	230
035025	19	148	26	478	.5	186	30	1771	4.75	1202	8	ND	14	179	12.4	67	2	170	.19	.117	34	135	.27	1380	.02	14	1.28	.01	.35	1	250
035026	11	53	20	94	.5	39	6	243	.94	135	5	ND	4	78	3.1	14	2	75	.12	.030	11	80	.11	1798	.01	19	.67	.01	.25	1	19
035027	21	43	23	134	.5	62	8	521	1.66	177	5	ND	3	128	4.0	20	2	76	.13	.034	10	82	.12	581	.01	21	.76	.01	.34	1	34
035028	15	43	14	148	.4	41	4	103	1.29	68	5	ND	3	179	2.3	18	2	75	.11	.034	6	52	.06	687	.01	18	.68	.01	.28	1	3
035029	8	38	11	87	.3	27	3	66	.71	25	5	ND	3	160	1.8	13	2	56	.10	.023	4	33	.10	976	.01	14	.51	.01	.23	1	1
035030	13	52	12	247	.3	80	7	98	1.61	63	6	ND	2	206	2.9	28	2	85	.13	.049	5	47	.08	1092	.01	16	.82	.01	.25	1	9
035031	17	74	13	325	.5	91	7	99	1.81	44	6	ND	2	218	3.0	25	2	80	.11	.054	4	53	.04	1246	.01	13	.84	.01	.20	1	6
035032	13	57	8	123	.4	36	3	30	1.04	23	5	ND	1	249	2.5	25	2	74	.13	.058	3	44	.03	1559	.01	13	.60	.01	.17	1	3
035033	18	76	15	358	.4	77	8	64	2.20	32	5	ND	2	345	3.9	30	2	89	.13	.070	5	69	.04	1311	.01	15	.82	.01	.22	1	3
035034	18	55	14	263	.6	73	8	92	2.00	31	5	ND	2	385	3.7	27	2	93	.15	.065	5	57	.06	721	.01	18	.94	.01	.31	1	3
035035	19	84	18	350	.5	93	10	104	2.77	36	5	ND	4	533	4.7	41	2	111	.15	.084	6	49	.04	470	.01	16	.86	.01	.30	1	3
035036	18	72	21	401	.2	109	17	134	3.37	31	5	ND	5	114	3.4	17	2	71	.16	.055	14	50	.08	588	.01	13	.76	.01	.30	1	6
035037	11	53	30	684	.1	121	27	615	4.88	37	5	ND	19	113	6.7	16	2	65	.20	.102	60	86	.06	3145	.01	11	.84	.01	.31	1	1
035038	12	66	17	696	.1	127	37	869	5.18	27	5	ND	20	103	6.9	14	2	107	.36	.145	60	134	.57	3823	.12	10	1.56	.02	.62	1	8
035039	8	64	15	528	.4	106	33	671	5.62	18	7	ND	23	91	6.5	10	2	149	.50	.161	58	156	1.31	3103	.29	8	2.13	.03	1.00	1	2
035040	11	64	23	784	.3	135	32	600	5.64	37	9	ND	17	144	7.6	16	2	149	.43	.136	48	153	1.12	13793	.22	8	2.82	.05	1.12	1	7
035041	20	67	51	1064	.4	165	26	473	5.09	47	5	ND	8	85	7.5	25	2	53	.16	.064	36	104	.12	3793	.01	15	1.20	.01	.41	1	4
035042	31	55	25	392	1.1	70	9	139	2.28	28	5	ND	5	152	9.4	18	2	120	.24	.041	22	64	.05	1613	.01	17	.61	.01	.24	1	9
035043	32	71	21	534	1.5	73	8	128	2.62	160	5	ND	5	358	10.5	30	2	200	.35	.140	22	94	.04	1312	.01	14	.70	.01	.25	1	25
STANDARD C/AU-R	17	58	39	133	6.9	70	32	1030	3.87	42	16	7	37	47	18.4	14	19	56	.48	.082	37	57	.84	181	.09	31	1.89	.05	.15	11	480

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
035044	19	70	28	624	1.1	97	18	203	3.32	81	5	ND	9	323	9.2	36	2	173	.40	.207	32	73	.07	1408	.01	17	.79	.01	.25	3	35
035045	21	76	11	732	.7	137	27	515	4.42	36	5	ND	12	144	8.9	12	2	149	1.48	.235	36	122	1.24	1520	.25	9	1.42	.02	1.05	3	5
035046	13	80	9	800	.7	144	31	674	5.16	122	5	ND	14	202	13.1	14	2	140	2.28	.206	43	104	1.19	1621	.21	7	1.45	.02	.75	3	14
RE 035050	19	58	26	565	.8	97	19	535	4.81	425	8	ND	17	84	3.3	69	2	58	.07	.052	36	36	.03	1388	.01	11	.58	.01	.22	3	104
035047	47	129	28	661	2.6	154	12	133	2.95	138	5	ND	2	346	8.1	51	2	289	.66	.380	19	66	.10	2707	.01	12	1.11	.01	.18	3	20
035048	31	74	19	389	1.1	70	9	314	2.95	238	9	ND	7	151	.9	72	2	220	.10	.058	15	90	.04	354	.01	11	.67	.01	.24	2	83
035049	15	76	25	465	.4	100	26	757	4.43	858	6	ND	11	99	6.0	59	2	75	.12	.065	28	35	.04	1298	.01	12	.72	.01	.22	3	263
035050	19	61	27	586	.8	100	20	552	5.01	450	6	ND	17	86	3.3	70	2	60	.07	.053	38	31	.03	1329	.01	10	.60	.01	.23	3	110
035051	24	105	59	568	.7	128	30	1532	5.77	772	10	ND	37	188	6.3	207	2	137	.14	.113	72	41	.13	291	.02	11	.88	.01	.46	3	662
035052	17	72	39	459	.4	73	14	444	4.80	451	5	ND	22	228	3.2	92	2	102	.21	.108	48	68	.11	224	.01	13	.84	.01	.53	2	210
035053	12	48	30	187	1.4	35	5	158	2.62	324	5	ND	4	194	2.1	66	2	67	.14	.057	13	39	.05	60	.01	17	.65	.01	.53	1	357
035054	16	37	28	87	1.1	22	3	91	1.27	103	5	ND	3	134	1.6	40	2	82	.09	.033	8	75	.04	269	.01	16	.52	.01	.26	1	85
035055	15	45	22	314	.8	80	13	325	4.18	347	5	ND	14	137	3.1	101	2	83	.11	.076	35	39	.06	1067	.01	9	.64	.01	.25	1	90
035056	8	60	26	405	.6	90	24	532	5.77	115	5	ND	26	193	3.0	37	2	91	.40	.209	77	35	.37	1559	.09	13	.94	.81	.66	1	11
035057	7	115	80	590	.7	88	22	532	7.30	162	5	ND	24	390	3.1	24	2	170	.72	.433	95	33	.63	740	.20	9	1.09	.01	.72	1	35
035058	4	103	9	523	.4	119	21	422	6.53	60	5	ND	14	102	3.0	10	2	169	.65	.179	38	355	2.65	1325	.39	3	2.98	.03	1.34	1	16
035059	2	86	10	378	.3	151	40	605	5.36	20	5	ND	10	80	4.1	3	2	155	.72	.146	29	348	3.03	1199	.40	2	2.65	.03	1.25	1	11
035060	12	110	23	721	.4	142	23	405	6.31	938	5	ND	18	301	14.3	40	2	126	.30	.177	44	135	.60	1445	.07	8	1.63	.01	.58	4	399
035061	20	80	31	363	1.3	77	8	144	3.75	429	5	ND	14	319	6.0	45	2	167	.11	.086	18	58	.07	655	.01	9	.67	.01	.19	2	185
035062	25	81	12	323	.9	68	6	97	2.71	277	6	ND	3	870	4.7	38	2	137	.27	.239	13	94	.05	1083	.01	15	.96	.01	.20	2	19
035063	33	106	13	634	1.3	144	14	167	3.60	125	5	ND	3	654	8.2	28	2	229	.54	.328	9	62	.06	1450	.01	18	1.02	.01	.28	3	5
035064	12	69	20	525	.2	140	27	312	3.90	38	5	ND	6	72	4.3	5	2	29	.14	.050	5	1	.05	2052	.01	12	.57	.01	.26	2	5
035065	11	73	19	508	.2	143	28	296	3.84	23	5	ND	4	50	6.5	3	2	21	.18	.042	6	1	.06	2235	.01	15	.70	.01	.26	2	2
035066	9	49	17	522	.2	144	30	961	4.68	20	5	ND	5	115	7.6	7	2	33	3.30	.045	8	1	.08	5187	.01	17	.96	.01	.47	2	5
035067	13	55	23	440	.2	136	27	455	4.36	25	5	ND	5	69	4.7	4	2	27	.27	.034	6	1	.06	2435	.01	16	.79	.01	.30	1	2
035068	14	56	22	317	.2	130	24	369	3.93	17	5	ND	4	83	4.1	6	2	25	.23	.032	6	1	.05	2335	.01	19	.74	.01	.29	1	2
035069	15	53	20	234	.2	110	20	545	4.48	17	5	ND	5	112	3.8	2	2	34	.29	.045	6	1	.07	2520	.01	21	.84	.01	.32	1	4
035070	16	54	23	283	.4	114	18	338	3.56	26	5	ND	3	119	1.3	5	2	34	.86	.026	5	1	.06	1775	.01	15	.66	.01	.23	1	6
035071	22	57	25	120	.3	60	8	93	2.59	42	5	ND	2	223	1.2	10	2	45	.29	.031	5	1	.04	1733	.01	14	.56	.01	.22	1	10
035072	7	29	41	264	.1	96	19	1009	3.81	79	5	ND	8	58	8.4	43	2	38	.13	.044	20	31	.06	1047	.01	7	.68	.01	.21	1	32
035073	8	59	37	416	.1	121	25	1061	4.05	164	5	ND	7	71	6.4	66	2	39	.10	.063	21	43	.05	1059	.01	10	.77	.01	.19	3	23
035074	7	38	29	252	.2	66	15	382	3.80	542	5	ND	11	68	7.5	47	2	37	.12	.069	35	26	.04	791	.01	10	.60	.01	.21	1	6
035075	5	20	22	223	.1	84	18	806	4.03	331	5	ND	11	51	5.6	32	2	50	.29	.104	39	20	.09	1626	.01	13	.83	.02	.29	1	42
035076	4	27	25	223	.2	73	19	1083	3.96	868	5	ND	13	70	3.5	36	2	43	.20	.076	39	26	.04	698	.01	14	.54	.01	.21	1	252
035077	15	43	33	288	1.0	69	16	542	4.00	1522	5	ND	5	140	5.2	54	2	78	.13	.056	14	58	.03	1246	.01	12	.56	.01	.21	2	462
035078	11	29	65	173	1.6	31	6	284	2.08	2210	5	ND	4	111	6.9	48	2	30	.08	.033	10	91	.02	1070	.01	10	.41	.01	.15	2	1082
035079	7	31	67	327	1.5	39	14	647	3.34	2431	5	ND	7	121	5.5	48	2	23	.11	.034	19	41	.03	1337	.01	11	.46	.01	.16	2	504
STANDARD C/AU-R	18	58	41	134	7.0	71	32	1053	4.01	43	18	7	36	53	18.6	16	19	56	.50	.091	37	59	.87	179	.09	34	1.91	.06	.15	11	472

PACIFIC BORE 91-624

PACIFIC BORE 91-625

PACIFIC BORE 91-626.

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

OCT-17-1991 16:11 FROM ACME ANALYTICAL TO NORANDA YT

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9110-018 330 FILE # 91-5047 Page

PACIFIC BERE 91-626

PACIFIC BERE 91-627

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
035080	11	31	24	201	3.0	70	7	276	2.67	762	5	ND	3	98	3.9	288	2	121	.10	.031	9	58	.03	845	.01	11	.43	.01	.16	2	220
035081	16	38	7	61	2.5	27	3	115	1.13	308	5	ND	2	84	1.4	104	2	221	.09	.028	5	126	.02	860	.01	11	.31	.01	.11	1	74
035082	23	48	7	11	1.8	12	2	33	.78	152	5	ND	1	88	.4	22	2	289	.06	.014	4	144	.02	538	.01	8	.25	.01	.12	1	34
035083	22	41	9	10	1.1	13	1	22	.63	117	5	ND	1	68	.4	18	2	472	.05	.009	7	86	.03	413	.01	12	.35	.01	.15	1	14
035084	26	51	7	76	1.2	19	2	28	.94	179	5	ND	2	92	.8	71	2	488	.04	.017	6	100	.03	524	.01	13	.35	.01	.16	1	36
035085	27	30	7	19	.9	13	2	24	.58	106	5	ND	1	78	.6	58	2	448	.03	.012	4	97	.02	511	.01	8	.26	.01	.11	1	15
035086	24	25	9	26	1.0	13	2	37	.66	77	5	ND	1	97	.6	30	2	469	.07	.016	5	76	.07	495	.02	15	.37	.01	.13	1	23
035087	26	26	6	3	1.0	8	1	21	.40	7	5	ND	1	21	.2	22	2	286	.01	.005	7	135	.03	213	.01	14	.29	.01	.12	1	9
035088	31	43	7	54	.9	12	2	21	.85	124	5	ND	1	248	1.0	51	2	422	.02	.036	6	112	.02	658	.01	11	.35	.01	.13	1	12
035089	29	34	7	23	1.0	14	1	25	.62	76	5	ND	1	171	.8	32	2	382	.02	.023	5	128	.03	334	.01	13	.35	.01	.13	1	8
035090	35	22	5	8	.9	18	1	17	.32	20	5	ND	1	57	.4	26	2	327	.02	.008	5	94	.02	220	.01	10	.23	.01	.09	1	16
035091	32	22	7	5	.9	17	1	18	.37	16	5	ND	1	42	.5	23	2	354	.01	.007	5	120	.02	205	.01	13	.25	.01	.11	1	12
035092	34	22	7	7	.8	14	1	21	.39	26	5	ND	1	74	.3	20	2	319	.01	.011	5	135	.02	239	.01	11	.25	.01	.10	1	5
035093	39	24	2	3	1.2	16	1	15	.38	12	5	ND	1	29	.2	31	2	386	.01	.007	6	111	.02	397	.01	14	.26	.01	.10	1	6
035094	35	30	6	5	1.0	15	1	20	.32	7	5	ND	1	21	.2	27	2	481	.01	.005	6	122	.02	575	.01	17	.31	.01	.12	1	7
035095	31	33	8	5	1.0	14	1	16	.29	12	5	ND	1	25	.2	25	2	470	.01	.005	6	94	.02	211	.01	16	.29	.01	.11	1	17
035096	34	27	5	4	.9	14	1	21	.35	10	5	ND	1	27	.2	22	2	415	.01	.006	7	139	.02	235	.01	17	.29	.01	.12	1	144
035097	14	36	10	89	.9	23	4	81	1.27	150	5	ND	2	109	2.2	31	2	105	.09	.033	4	39	.03	359	.01	16	.45	.01	.19	1	118
035098	14	34	13	55	1.1	20	3	58	1.25	143	5	ND	2	150	1.9	30	2	91	.08	.026	7	57	.03	186	.01	14	.52	.01	.25	1	93
035099	32	61	19	178	2.5	39	7	200	2.16	628	5	ND	4	229	5.2	82	2	170	.13	.075	12	114	.04	385	.01	14	.60	.01	.26	2	409
RE 035095	31	33	4	5	.9	15	1	17	.30	13	5	ND	1	25	.2	25	2	466	.01	.005	6	91	.02	211	.01	14	.29	.01	.11	1	19
035100	35	124	16	440	2.1	117	18	363	4.75	727	5	ND	6	208	7.1	588	3	200	.24	.180	22	257	.46	403	.09	14	.99	.01	.56	2	76
035101	18	204	11	1323	.6	251	52	1423	8.87	1015	5	ND	13	188	13.6	65	4	166	.32	.225	43	398	.87	1272	.21	11	1.61	.01	.75	7	82
035102	21	139	20	601	1.2	119	25	1148	6.32	527	5	ND	8	162	7.0	83	3	132	.15	.127	27	113	.26	1248	.05	12	1.02	.01	.48	4	58
035103	9	109	5	668	.4	191	47	1172	6.80	205	5	ND	19	84	12.9	36	2	148	.47	.246	60	165	1.16	1762	.36	4	1.94	.02	1.28	3	30
035104	13	48	29	565	.4	115	27	673	6.35	607	5	ND	10	100	11.3	59	2	54	.11	.083	29	52	.09	1564	.01	16	.75	.01	.28	3	210
035105	7	18	23	287	.2	62	15	513	3.41	187	5	ND	12	80	9.6	26	2	43	.18	.098	37	26	.05	1305	.01	15	.57	.01	.26	1	39
035106	3	14	27	267	.4	54	16	943	3.49	110	5	ND	12	54	7.6	17	2	42	.30	.105	39	4	.05	1505	.01	16	.66	.01	.28	1	18
035107	3	15	48	220	.4	47	17	697	3.96	287	5	ND	10	60	3.4	26	2	39	.16	.042	27	1	.06	1819	.01	16	.64	.01	.23	1	86
035108	3	18	39	273	.4	43	14	540	3.61	1013	5	ND	9	76	5.8	33	2	31	.25	.029	26	1	.05	1623	.01	16	.59	.01	.22	1	252
035109	3	15	35	220	.2	36	14	481	3.59	600	5	ND	12	83	5.3	26	2	36	.20	.032	34	3	.04	1108	.01	15	.57	.01	.22	1	210
035110	4	15	36	269	.3	43	14	320	3.68	622	5	ND	13	87	5.1	29	2	40	.14	.033	34	11	.05	1310	.01	18	.69	.01	.27	1	121
035111	4	21	34	529	.3	90	20	845	4.02	209	5	ND	9	72	3.8	33	2	33	.26	.032	26	7	.05	1157	.01	19	.70	.01	.26	3	113
035112	14	52	34	243	2.4	66	7	102	1.59	414	5	ND	3	244	6.3	51	2	133	.18	.077	12	21	.03	2361	.01	14	.57	.01	.15	2	91
035113	9	34	24	693	1.8	129	41	1437	3.61	934	5	ND	7	88	6.5	78	2	75	.09	.036	22	21	.04	988	.01	13	.66	.01	.26	4	430
035114	20	77	15	370	3.2	70	7	95	2.50	917	5	ND	4	183	13.3	160	2	247	.07	.046	12	60	.02	1323	.01	10	.49	.01	.12	3	336
035115	17	61	11	81	4.2	27	3	71	.97	232	5	ND	1	203	5.4	31	2	197	.06	.032	6	70	.02	990	.01	10	.33	.01	.11	1	83
STANDARD C/AU-R	19	58	39	132	6.9	70	33	1040	3.98	41	17	8	36	52	18.9	15	18	54	.49	.091	36	58	.88	178	.09	33	1.88	.06	.15	11	472

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9110-018 330 FILE # 91-5047

ACME ANALYTICAL

BERC 91-627

PACIFIC BERC 91-628

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	p	Au	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
035116	11	44	14	53	2.0	25	3	58	.59	98			2	135	3.8	23	2	382	.04	.026	6	37	.03	1466	.01	14	.39	.01	.12	1	26
035117	21	25	10	35	1.0	33	2	38	.48	41		ND	2	95	3.1	17	2	521	.08	.054	8	174	.03	844	.01	18	.47	.01	.15	1	9
035118	27	172	11	459	1.0	113	18	295	1.49	218		ND	1	132	18.6	68	2	559	.16	.061	7	156	.04	1135	.01	16	.56	.01	.15	4	7
035119	34	121	8	238	1.1	53	3	68	1.20	99		ND	1	156	7.0	38	2	586	.24	.120	8	181	.07	652	.01	20	.53	.01	.17	2	2
035120	35	54	7	80	.8	30	3	48	.82	37	5	ND	1	204	6.5	17	2	446	.95	.799	10	241	.06	724	.01	29	.61	.01	.21	1	3
035121	25	59	23	181	1.9	66	11	328	2.80	895	5	ND	6	149	2.7	103	2	188	.06	.075	17	81	.04	2392	.01	14	.62	.01	.15	2	360
035122	25	38	14	74	4.1	26	3	65	.98	218	5	ND	2	90	.8	30	2	231	.04	.041	5	142	.01	1170	.01	9	.34	.01	.08	2	56
035123	20	44	16	44	2.7	18	3	81	.71	155	5	ND	1	100	.8	24	2	241	.05	.043	5	121	.01	1303	.01	9	.36	.01	.09	1	47
RE 035127	25	72	8	32	1.0	23	2	45	.74	84	6	ND	2	79	1.1	30	2	663	.05	.020	8	202	.03	612	.01	17	.47	.01	.14	1	10
035124	19	76	14	91	1.8	36	5	118	1.15	174	7	ND	2	170	1.7	34	2	418	.09	.074	7	109	.04	1787	.01	15	.48	.01	.13	1	20
035125	32	87	18	90	2.0	35	10	233	1.10	194	7	ND	2	90	1.2	41	2	622	.05	.040	8	92	.04	1320	.01	16	.60	.01	.17	2	33
035126	21	117	10	59	1.5	32	5	124	.74	100	7	ND	1	177	1.2	24	2	617	.05	.041	8	133	.03	1205	.01	14	.53	.01	.13	1	10
035127	25	71	8	31	.9	23	2	44	.72	82	7	ND	2	77	.9	29	2	652	.05	.020	8	196	.03	597	.01	15	.46	.01	.14	1	11
035128	35	43	7	179	1.0	47	2	45	1.10	104	5	ND	2	43	1.1	87	2	629	.05	.016	8	134	.03	404	.01	15	.40	.01	.13	2	13
035129	29	31	11	44	.9	25	1	26	.61	47	5	ND	2	24	.5	39	2	509	.02	.006	8	146	.03	274	.01	16	.34	.01	.12	1	2
035130	30	44	16	167	1.3	42	6	136	1.40	187	5	ND	2	55	1.4	74	2	376	.05	.025	8	80	.03	1623	.01	12	.38	.01	.12	2	62
035131	27	79	11	80	1.8	25	3	66	.91	118	6	ND	2	95	.9	46	2	441	.04	.026	9	124	.03	1174	.01	13	.46	.01	.12	1	22
035132	27	93	16	73	1.4	23	3	75	1.01	141	5	ND	2	79	1.2	42	2	449	.06	.028	9	91	.03	959	.01	12	.49	.01	.12	2	28
035133	39	36	7	17	.8	16	1	32	.58	38	5	ND	1	35	.6	19	2	425	.01	.007	9	179	.02	260	.01	13	.28	.01	.11	1	11
035134	33	19	6	9	1.2	13	1	27	.51	25	5	ND	1	20	.2	21	2	491	.01	.004	10	160	.02	219	.01	15	.32	.01	.12	1	10
035135	29	17	7	11	1.2	11	1	19	.46	28	5	ND	1	35	.4	20	2	401	.01	.007	9	123	.02	208	.01	13	.28	.01	.11	2	2
035136	21	35	9	15	.9	10	1	26	.56	27	5	ND	1	70	.6	16	2	212	.01	.014	6	134	.01	243	.01	10	.23	.01	.09	1	10
035137	24	48	10	20	1.3	10	1	27	.69	48	6	ND	1	119	.4	24	2	206	.01	.030	6	156	.02	305	.01	12	.30	.01	.09	2	9
035138	34	108	4	57	1.8	21	2	40	1.22	111	5	ND	1	134	.8	50	2	293	.01	.059	7	182	.02	609	.01	13	.42	.01	.10	2	9
035139	12	37	11	13	3.2	8	1	20	1.02	48	5	ND	2	48	.5	23	2	97	.01	.025	10	108	.02	384	.01	17	.28	.01	.17	1	8
035140	22	25	6	9	2.0	10	1	21	.84	25	5	ND	1	230	.6	17	2	115	.75	.807	15	142	.02	267	.01	19	.37	.01	.15	1	2
035141	12	28	7	5	3.5	4	1	14	1.16	44	5	ND	2	44	.2	19	2	64	.02	.062	10	71	.01	203	.01	14	.22	.01	.21	1	8
035142	34	61	7	63	3.2	23	2	39	1.70	133	5	ND	1	194	.6	57	2	294	.03	.083	7	99	.02	622	.01	10	.47	.01	.17	1	20
035143	27	27	9	18	2.5	7	1	26	.93	47	5	ND	2	151	.3	26	2	107	.04	.088	13	116	.02	394	.01	15	.41	.01	.20	1	17
035144	21	48	10	79	2.9	14	1	18	1.40	51	5	ND	1	195	.9	33	2	171	.38	.486	9	111	.03	265	.01	17	.38	.01	.18	1	4
035145	23	36	15	51	2.2	12	2	35	1.12	51	5	ND	1	279	1.8	41	2	172	.88	.846	15	165	.04	426	.01	24	.60	.01	.22	1	13
STANDARD C/AU-R	18	57	39	133	7.1	71	31	1045	3.99	41	18	6	37	51	18.6	16	17	56	.48	.090	36	58	.88	179	.09	32	1.91	.06	.15	13	450

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANAL CAL LABORATORIES LTD. 852 E. HASTINGS ST. V. UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery BCRC91-629 to 634

Noranda Exploration Co. Ltd. PROJECT 9110-031 330 File # 91-5170 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
035146	3	48	21	91	.3	24	8	65	2.64	240	5	ND	7	41	.2	51	2	20	.12	.029	7	22	.05	477	.01	6	.56	.01	.25	1	36
035147	6	48	23	125	.6	34	10	223	3.82	1070	5	ND	5	55	.6	110	3	27	.14	.028	6	41	.07	677	.01	10	.74	.01	.36	1	540
035148	4	46	22	146	.2	40	17	237	4.25	798	10	ND	5	49	.2	208	3	22	.13	.033	6	19	.07	600	.01	6	.65	.01	.31	1	36
035149	3	43	22	127	.2	36	14	151	3.64	832	5	ND	5	49	.2	312	2	25	.11	.025	7	20	.07	612	.01	9	.72	.01	.33	1	57
035150	3	24	24	70	1.0	13	6	58	2.49	1528	5	ND	4	57	.3	154	3	24	.13	.014	5	19	.07	656	.01	9	.67	.01	.39	1	560
035151	3	58	20	114	.5	33	12	89	3.42	799	5	ND	5	41	.2	96	2	27	.12	.020	6	23	.07	1063	.01	8	.69	.01	.34	1	130
035152	3	76	22	143	.2	40	15	233	3.36	442	6	ND	5	40	.2	55	3	21	.12	.032	6	18	.07	571	.01	8	.70	.01	.33	1	33
035153	3	59	19	133	.3	33	14	487	3.29	981	5	ND	4	56	.2	69	2	19	.12	.021	5	20	.07	1071	.01	5	.59	.01	.27	1	250
035154	3	61	20	131	.4	43	16	600	3.60	918	5	ND	5	52	.2	41	2	22	.11	.014	6	27	.07	559	.01	9	.70	.01	.32	1	290
035155	2	50	35	133	.6	37	14	345	3.43	1742	5	ND	7	76	.5	217	2	33	.11	.024	15	26	.07	770	.01	8	.84	.01	.30	1	1740
035156	3	56	19	148	.2	39	15	227	3.55	115	5	ND	5	57	.2	87	2	19	.10	.029	7	23	.07	608	.01	9	.66	.01	.32	1	67
035157	3	51	23	131	.1	44	17	324	3.38	46	5	ND	5	41	.3	21	2	20	.12	.035	8	25	.09	539	.01	8	.64	.01	.31	1	16
RE 035162	2	51	33	158	.3	39	16	425	4.06	702	5	ND	7	24	.2	35	2	18	.12	.040	7	14	.09	272	.01	12	.64	.01	.35	1	10
035158	2	51	22	129	.1	41	17	340	3.76	50	5	ND	6	41	.2	21	2	18	.10	.030	8	18	.09	485	.01	11	.67	.01	.33	1	12
035159	2	52	22	134	.2	43	18	376	4.12	96	5	ND	6	41	.2	27	2	18	.10	.033	7	15	.09	407	.01	9	.62	.01	.30	1	16
035160	2	51	25	133	.3	39	16	319	4.00	135	5	ND	7	39	.2	27	2	18	.10	.035	8	14	.09	430	.01	10	.64	.01	.32	1	3
035161	2	49	29	134	.3	36	15	324	3.71	468	5	ND	6	30	.2	25	2	17	.10	.035	7	19	.08	473	.01	9	.58	.01	.29	1	15
035162	2	50	23	153	.2	38	16	423	4.04	694	5	ND	6	23	.2	28	2	17	.12	.039	7	13	.09	268	.01	12	.65	.01	.35	1	9
035163	3	39	24	89	.3	23	10	210	2.77	568	5	ND	5	71	.2	29	2	14	.09	.031	6	24	.07	391	.01	10	.56	.01	.30	1	29
035164	10	18	17	27	.5	12	4	81	1.18	196	5	ND	3	60	.2	679	2	11	.05	.028	4	120	.03	848	.01	8	.27	.01	.15	2	27
035165	6	61	24	72	1.7	26	14	708	3.35	723	5	ND	1	316	.3	22581	2	45	2.13	.031	15	114	.88	93	.01	7	.34	.01	.08	1	390
035166	6	48	22	106	.1	34	21	1088	4.81	176	5	ND	11	268	.3	443	2	76	4.32	.048	27	73	1.60	806	.01	7	.67	.01	.09	1	19
035167	11	59	27	144	.5	51	28	926	5.56	1311	5	ND	12	206	.2	590	2	88	1.66	.066	27	97	.61	943	.01	7	.92	.01	.09	1	360
035168	6	47	27	108	.4	36	22	1739	5.32	256	5	ND	11	250	.4	497	2	96	5.30	.047	19	93	1.88	865	.01	5	.59	.01	.05	1	24
035169	11	25	23	55	.9	15	6	258	1.69	273	5	ND	4	83	.2	158	2	27	.26	.030	7	88	.10	1239	.01	7	.35	.01	.11	1	13
035170	10	26	14	116	1.4	23	6	183	1.78	465	5	ND	3	80	1.5	958	2	35	.17	.023	5	56	.07	740	.01	9	.34	.01	.13	1	241
035171	13	57	19	174	.5	41	9	268	2.13	395	5	ND	5	310	2.6	137	2	72	1.24	.042	13	48	.64	460	.01	8	.57	.01	.12	1	49
035172	10	56	22	215	.6	41	14	614	3.59	370	5	ND	11	250	2.5	101	2	64	2.10	.033	24	39	.80	377	.01	7	.70	.01	.13	1	41
035173	9	39	23	162	.5	32	13	756	3.77	387	5	ND	11	303	1.4	58	2	45	2.72	.024	18	33	1.10	83	.01	4	.53	.01	.11	1	36
035174	6	34	23	201	.2	34	12	701	3.44	437	5	ND	12	374	.9	53	2	39	2.92	.055	30	29	1.05	186	.01	6	.62	.01	.14	1	27
035175	12	63	23	172	.9	28	6	274	1.89	562	5	ND	4	349	2.8	58	2	97	.93	.048	13	54	.38	461	.01	6	.49	.01	.11	1	121
035176	19	61	15	398	4.0	59	9	362	2.82	582	5	ND	5	345	6.4	86	2	151	1.46	.105	15	50	.74	965	.01	7	.60	.01	.15	1	540
035177	12	51	13	181	2.1	46	9	543	2.46	314	5	ND	4	255	2.2	1093	2	72	1.72	.044	11	60	.78	205	.01	8	.57	.01	.15	1	160
035178	6	56	12	108	2.8	47	11	707	2.64	116	5	ND	2	155	.5	1030	2	41	2.35	.049	4	42	1.05	25	.01	9	.47	.01	.13	1	180
035179	4	32	9	58	1.2	28	8	641	2.15	149	5	ND	3	116	.3	575	2	19	2.70	.014	4	21	1.26	55	.01	5	.30	.01	.15	1	150
035180	2	26	20	25	5.5	6	3	32	1.52	1875	5	3	4	69	.2	109	2	39	.13	.014	9	30	.05	632	.01	9	.50	.01	.23	1	3160
035181	2	37	21	31	2.6	7	3	34	1.52	1009	5	ND	6	82	.4	129	2	31	.14	.018	11	26	.08	721	.01	10	.73	.01	.40	1	1130
STANDARD C/AU-R	19	65	40	133	7.4	70	33	1045	4.01	42	18	7	38	52	18.1	15	22	54	.49	.091	38	60	.90	176	.09	32	1.89	.06	.15	13	480

BCRC-91-629 (Brewery)

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 21 1991 **DATE REPORT MAILED:** Oct 24/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
035182	2	25	19	19	1.8	7	1	27	1.72	1488	5	ND	4	89	.2	83	2	33	.14	.019	11	32	.10	468	.01	15	1.04	.01	.58	1	2360
035183	2	15	21	52	1.0	11	4	42	2.32	1734	5	ND	4	90	.2	93	2	26	.15	.016	7	16	.07	509	.01	8	.60	.01	.39	1	1390
035184	2	29	18	66	2.0	11	3	37	2.63	5133	5	5	4	102	.2	74	2	33	.13	.012	6	19	.06	517	.01	8	.62	.01	.37	1	6820
035185	4	35	22	83	.3	26	9	136	3.02	1900	5	ND	5	87	.2	73	2	24	.13	.023	7	42	.07	607	.01	10	.76	.01	.40	1	590
035186	3	56	19	125	.4	35	11	150	3.58	2139	5	ND	5	104	.2	80	2	20	.12	.032	8	24	.07	499	.01	8	.73	.01	.39	1	660
035187	3	72	20	164	.2	43	14	211	3.52	1105	5	ND	6	87	.2	71	2	17	.11	.032	10	16	.06	499	.01	7	.65	.01	.28	1	160
035188	3	33	20	104	.7	18	7	71	3.26	3231	5	ND	4	114	.2	134	2	23	.12	.020	7	26	.07	555	.01	10	.68	.01	.46	1	1990
035189	2	28	20	81	.9	17	5	65	3.46	3787	5	ND	5	99	.2	232	2	22	.13	.023	7	18	.06	364	.01	8	.59	.01	.42	1	1290
035190	3	44	35	76	1.7	15	5	40	2.70	2225	5	ND	4	75	.2	6166	2	27	.14	.016	7	20	.05	288	.01	7	.51	.01	.35	1	2640
035191	2	24	24	39	1.7	10	3	47	2.47	3351	5	ND	5	82	.2	1170	2	25	.12	.017	7	20	.06	322	.01	10	.61	.01	.48	1	2010
035192	2	53	21	111	.8	30	9	147	3.37	2112	5	ND	6	74	.2	200	2	20	.10	.027	8	17	.06	441	.01	6	.61	.01	.33	1	980
035193	3	71	23	171	.3	53	15	255	3.74	660	5	ND	7	28	.2	95	2	18	.09	.040	9	21	.08	440	.01	9	.88	.01	.35	1	120
035194	4	55	26	146	.7	45	14	210	3.47	942	5	ND	7	43	.3	71	2	16	.10	.028	9	41	.07	371	.01	8	.67	.01	.27	1	340
035195	5	45	27	93	1.2	25	9	147	3.32	2110	5	ND	5	118	.2	546	2	18	.13	.013	9	49	.08	389	.01	10	.61	.01	.38	1	1460
035196	3	61	27	114	1.0	27	11	244	4.47	2765	5	ND	7	121	.5	555	2	23	.15	.015	11	24	.09	422	.01	10	.71	.01	.34	1	1390
035197	6	41	23	71	1.1	19	7	99	2.49	1355	5	ND	4	92	.2	2065	2	16	.09	.018	5	78	.05	727	.01	10	.49	.01	.26	1	340
035198	11	39	14	67	.8	35	8	249	1.58	355	5	ND	3	78	.2	284	2	11	.12	.061	3	130	.03	935	.01	8	.47	.01	.13	1	39
035199	13	28	11	41	.8	24	6	240	1.65	293	5	ND	2	62	.2	153	2	10	.06	.043	4	144	.02	702	.01	8	.34	.01	.12	1	160
035200	15	23	12	45	.5	19	4	266	1.77	299	5	ND	2	62	.2	90	2	11	.05	.032	5	178	.03	678	.01	11	.35	.01	.13	1	57
035201	15	25	11	16	.7	20	4	181	.97	88	8	ND	3	47	.2	369	2	8	.15	.061	5	180	.02	749	.01	9	.33	.01	.13	2	33
035202	15	23	11	20	.5	21	4	165	1.18	79	5	ND	2	55	.2	63	2	7	.05	.033	4	184	.02	571	.01	10	.27	.01	.12	2	29
035203	15	24	11	45	.5	26	6	392	1.75	109	5	ND	1	57	.2	169	2	13	.18	.028	5	157	.07	741	.01	7	.26	.01	.09	1	33
035204	13	23	10	23	.9	22	5	370	1.44	119	7	ND	3	55	.2	112	2	11	.24	.026	7	137	.07	521	.01	8	.28	.01	.12	2	48
035205	10	17	16	19	1.7	8	2	32	1.36	2782	6	2	4	77	.2	423	2	24	.06	.021	6	107	.02	767	.01	6	.43	.01	.16	1	3100
035206	3	45	24	99	.7	25	8	103	2.45	1439	5	ND	5	74	.2	109	2	32	.10	.019	8	41	.06	1500	.01	11	.79	.01	.32	1	380
035207	5	38	18	93	.8	19	7	82	2.32	2380	5	ND	4	56	.2	110	2	24	.09	.016	6	57	.05	741	.01	11	.72	.01	.38	1	820
035208	10	24	13	16	1.5	6	2	25	1.14	3303	7	ND	3	51	.2	60	2	17	.04	.023	4	122	.02	920	.01	4	.38	.01	.12	1	1320
035209	7	20	58	15	10.7	5	2	19	1.33	3108	5	ND	7	98	.2	78	2	31	.06	.038	22	90	.03	997	.01	5	.48	.01	.13	1	2480
RE 035205	8	15	16	18	1.7	7	2	26	1.29	2810	5	2	4	78	.2	370	2	24	.06	.021	6	90	.02	819	.01	7	.43	.01	.16	1	3160
035210	3	22	26	29	2.9	7	2	21	1.89	1771	5	ND	7	80	.2	61	2	31	.12	.024	15	47	.08	522	.01	14	.82	.01	.45	1	1060
035211	2	33	26	22	2.7	5	2	11	1.45	2194	5	ND	8	101	.2	56	2	22	.12	.031	16	29	.08	621	.01	13	.80	.01	.43	1	1540
035212	2	37	21	41	1.3	7	2	11	2.50	2653	5	ND	7	132	.2	74	2	23	.14	.028	11	26	.08	391	.01	8	.62	.01	.40	1	2330
035213	2	44	18	18	3.5	5	1	5	2.25	2932	5	ND	7	130	.2	41	2	34	.12	.022	17	37	.07	248	.01	12	.70	.01	.46	1	1950
035214	4	66	24	46	3.0	9	3	36	2.34	3105	5	ND	7	116	.2	47	2	28	.09	.025	17	55	.08	436	.01	14	.83	.01	.49	1	930
035215	3	52	18	62	1.4	13	4	41	2.63	2597	7	ND	6	146	.2	60	2	23	.09	.024	10	46	.07	492	.01	11	.69	.01	.38	1	1780
035216	3	42	19	38	2.2	10	3	18	2.16	2903	7	ND	6	122	.2	66	2	27	.09	.015	12	38	.06	441	.01	11	.61	.01	.34	1	2010
035217	2	96	22	77	1.5	23	8	106	2.68	2443	5	ND	5	139	.2	57	2	25	.08	.029	9	32	.07	556	.01	10	.70	.01	.31	1	1280
STANDARD C/AU-R	18	60	37	131	7.3	71	31	1034	3.97	37	17	7	39	52	18.4	16	19	54	.48	.090	39	58	.87	175	.09	32	1.93	.05	.15	13	490

BCRC-91-630 (PACIFIC)

BCRC-91-631 (PACIFIC)

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
035218	4	103	21	161	.2	48	15	219	3.01	1421	5	ND	6	61	.2	72	2	20	.04	.033	7	31	.06	478	.01	10	.86	.01	.28	1	42
035219	3	77	27	118	1.5	31	12	138	2.77	2223	5	ND	7	136	.2	67	3	28	.07	.039	18	32	.07	602	.01	8	.70	.01	.30	1	1890
035220	3	58	23	134	.4	47	16	236	3.83	2262	5	ND	5	75	.2	52	3	22	.05	.026	8	28	.07	663	.01	8	.67	.01	.31	1	270
035221	4	38	27	85	.6	17	8	77	2.11	893	5	ND	5	70	.2	83	2	21	.04	.024	8	33	.07	396	.01	13	.77	.01	.36	2	480
035222	3	45	19	107	.4	26	12	152	3.54	2075	5	ND	4	74	.2	48	2	20	.02	.021	6	23	.05	391	.01	11	.61	.01	.29	1	430
035223	3	71	24	156	.1	61	22	447	4.33	1353	5	ND	5	58	.2	35	2	20	.01	.038	6	20	.05	232	.01	12	.72	.01	.29	1	23
035224	7	34	14	52	.5	22	7	145	2.35	1023	5	ND	3	84	.4	33	2	14	.16	.039	5	81	.07	600	.01	11	.54	.01	.25	1	440
035225	11	30	11	50	.5	22	6	143	1.55	586	5	ND	2	59	.2	23	2	11	.15	.043	3	127	.04	477	.01	8	.32	.01	.15	1	81
035226	7	28	11	69	.7	26	8	124	1.81	979	5	ND	2	69	.3	82	2	13	.04	.022	3	84	.03	420	.01	9	.29	.01	.16	1	180
035227	8	21	11	27	1.3	13	4	54	1.47	945	5	ND	2	74	.2	221	2	16	.05	.018	5	92	.04	729	.01	11	.39	.01	.19	1	600
035228	11	10	11	18	2.1	9	3	38	1.22	444	5	ND	2	87	.2	91	2	19	.05	.026	5	129	.04	700	.01	16	.48	.01	.25	1	250
035229	9	25	16	21	1.4	16	5	63	1.43	436	5	ND	3	58	.2	99	4	17	.05	.023	7	99	.03	496	.01	11	.29	.01	.13	1	740
035230	14	35	12	37	2.5	18	2	56	.83	253	5	ND	2	190	1.1	355	2	149	.14	.076	11	77	.03	1594	.01	9	.46	.01	.12	1	82
035231	16	94	14	75	7.0	38	9	82	1.12	227	5	ND	2	648	1.4	451	2	455	.22	.487	13	121	.03	6728	.01	8	.92	.01	.09	1	107
035232	18	65	8	31	13.2	56	9	37	.58	69	6	ND	3	915	1.4	346	2	751	.31	.684	16	258	.05	8205	.01	20	1.24	.01	.14	1	61
035233	18	106	10	34	12.0	44	7	23	.60	74	13	ND	2	837	11.7	2176	2	565	.26	.552	13	231	.03	6907	.01	13	.98	.01	.11	1	51
035234	53	257	8	682	9.3	239	10	36	2.19	363	16	ND	4	610	4.4	1477	2	551	.51	.679	18	124	.04	4571	.01	11	1.69	.01	.13	1	84
035235	37	192	13	552	3.3	127	6	143	1.92	139	9	ND	4	410	29.9	241	2	324	1.52	.450	15	83	.69	2139	.01	15	.88	.01	.22	1	75
035236	20	247	12	511	2.3	117	13	287	2.98	102	5	ND	3	324	20.2	146	2	151	.45	.301	16	86	.10	2415	.01	14	.86	.01	.21	1	79
035237	14	101	15	642	3.2	124	21	525	4.04	116	5	ND	3	236	18.5	241	3	108	.19	.185	11	67	.06	2245	.01	14	.65	.01	.17	1	160
035238	27	151	26	1057	2.2	152	13	405	3.01	98	5	ND	6	397	18.9	130	2	329	.47	.262	25	95	.07	1105	.01	18	.95	.01	.20	1	53
035239	16	55	39	1686	.6	170	19	1004	3.59	60	5	ND	10	206	28.7	64	2	115	.69	.188	38	46	.12	640	.01	11	.64	.01	.18	1	19
035240	10	50	35	1214	.5	109	16	1031	4.55	43	5	ND	13	366	13.6	52	2	79	2.23	.092	46	35	.61	295	.01	12	.85	.01	.20	1	19
035241	38	110	7	484	3.6	82	6	96	1.41	62	7	ND	3	537	7.8	76	2	1126	.34	.337	15	147	.09	3768	.01	31	.93	.01	.20	1	19
035242	19	192	48	1299	1.0	179	36	1553	4.97	81	5	ND	15	464	25.0	44	2	459	.15	.253	54	282	.05	3992	.01	7	1.03	.01	.07	1	9
035243	39	123	8	654	2.8	93	6	236	1.11	51	5	ND	2	296	19.5	44	2	879	2.30	.148	17	242	1.18	2197	.01	12	.54	.01	.12	1	6
035244	48	185	8	529	1.9	87	5	125	1.24	42	8	ND	1	251	25.3	34	2	586	1.24	.189	12	229	.55	2050	.01	13	.52	.01	.12	1	4
035245	24	121	4	521	.5	70	8	307	1.91	21	5	ND	3	100	16.6	25	2	99	2.81	.020	7	44	1.49	380	.01	12	.45	.01	.15	1	8
RE 035242	17	175	45	1175	1.1	162	34	1417	4.49	76	5	ND	14	419	22.6	41	2	406	.15	.226	49	260	.05	3638	.01	7	.94	.01	.06	1	10
035246	8	68	11	411	.5	49	8	433	1.65	16	5	ND	3	136	6.8	26	2	78	4.27	.022	7	45	2.28	321	.01	19	.53	.01	.21	1	4
035247	2	47	7	253	.2	38	10	557	1.57	8	5	ND	3	160	1.6	18	2	29	6.24	.012	6	26	3.19	289	.01	15	.45	.01	.19	1	5
035248	2	50	9	307	.3	43	10	492	1.61	11	5	ND	3	139	2.5	24	2	29	5.31	.012	5	24	2.80	295	.01	13	.34	.01	.16	1	6
035249	2	43	6	247	.1	36	9	456	1.59	10	5	ND	3	156	1.6	20	2	32	5.45	.014	6	25	2.86	379	.01	20	.54	.01	.22	1	8
035250	2	36	10	138	.1	29	8	350	1.58	10	5	ND	3	122	1.2	24	2	31	4.01	.013	5	22	2.14	290	.01	15	.46	.01	.20	1	8
035251	6	25	46	294	.2	41	18	1137	4.09	560	5	ND	11	69	.6	94	2	53	.16	.039	39	31	.10	872	.01	7	.67	.01	.13	1	108
035252	4	22	39	329	.1	43	18	984	4.26	691	5	ND	11	74	.5	67	2	41	.27	.038	38	31	.07	797	.01	6	.69	.01	.13	1	160
035253	5	22	42	737	.3	80	21	729	4.31	1082	5	ND	11	66	.6	74	2	39	.13	.038	42	30	.05	811	.01	6	.64	.01	.15	1	290
STANDARD C/AU-R	20	59	38	132	7.0	71	31	1051	3.91	42	18	6	37	51	18.5	15	21	55	.48	.087	37	57	.84	176	.09	32	1.86	.06	.15	11	450

BCRC-91-631 (PACIFIC)

BCRC-91-632 (BLUE)

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

BCRC-91-633 CANADIAN

BCRC-91-634 CANADIAN

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
035254	5	21	53	839	.1	90	21	905	4.13	380	5	ND	14	98	1.2	53	2	43	.75	.049	42	30	.06	1125	.01	8	.84	.01	.13	1	61
035255	5	22	52	930	.1	98	16	571	4.11	71	5	ND	12	81	1.5	41	2	54	.31	.050	41	37	.04	1140	.01	6	.91	.01	.11	1	23
035256	21	21	42	1176	.1	112	13	561	4.72	65	5	ND	12	85	4.4	114	2	44	.14	.054	44	30	.05	1140	.01	9	.98	.01	.16	1	8
035257	34	17	35	1188	.1	100	12	543	4.55	136	5	ND	10	89	7.5	279	2	42	.23	.060	42	31	.04	1091	.01	14	.99	.01	.20	1	3
035258	35	26	34	875	.7	79	9	343	3.29	224	5	ND	5	129	6.0	217	2	98	.19	.069	23	29	.05	1680	.01	12	.57	.01	.15	1	28
035259	25	32	15	391	1.1	57	7	181	1.24	79	5	ND	2	169	8.2	106	2	206	.40	.087	11	66	.07	1932	.01	21	.66	.01	.20	1	5
035260	23	44	14	266	.5	34	4	64	1.58	70	5	ND	1	212	4.6	63	2	181	.28	.115	10	56	.04	2344	.01	18	.58	.01	.16	1	16
035261	20	10	16	50	1.2	16	2	37	.49	20	6	ND	1	157	.8	27	2	112	.21	.090	6	132	.06	2349	.01	20	.58	.01	.16	1	2
035262	27	16	16	22	2.1	26	3	26	.46	40	6	ND	1	279	.4	157	2	241	.26	.196	8	130	.04	3598	.01	17	.58	.01	.13	1	45
035263	29	103	16	243	3.9	83	7	174	1.86	159	8	ND	4	509	10.0	87	2	695	.57	.563	20	217	.07	3193	.01	15	.93	.01	.16	1	1
035264	9	62	37	664	.2	86	17	991	4.49	226	5	ND	13	158	25.0	33	2	54	.40	.065	42	46	.15	1017	.01	6	.72	.01	.15	1	6
035265	9	85	28	358	.4	47	14	799	3.69	61	5	ND	9	377	10.1	30	2	94	1.66	.097	28	75	.68	135	.01	8	.72	.01	.15	1	3
035266	30	132	32	794	1.9	127	14	588	2.27	91	5	ND	4	448	19.9	39	2	293	1.89	.314	22	216	.72	2400	.01	14	.80	.01	.13	1	1
035267	16	33	9	267	1.7	45	5	342	1.05	57	5	ND	1	167	3.8	24	2	71	2.38	.102	6	144	1.22	1184	.01	9	.25	.01	.07	1	11
035268	57	100	10	797	2.0	134	11	201	1.78	70	9	ND	2	327	7.4	36	2	319	2.13	.355	19	218	.87	2835	.01	20	.74	.01	.21	1	1
035269	64	178	8	2019	3.6	167	7	143	1.82	115	18	ND	2	229	33.2	52	2	1338	1.50	.411	21	278	.39	1933	.01	20	.73	.01	.24	1	11
RE 035273	11	21	44	1066	.1	96	18	1115	4.36	775	5	ND	10	81	3.6	83	2	36	.26	.036	33	35	.06	938	.01	9	1.00	.01	.15	1	231
035270	8	21	31	814	1.0	82	14	651	4.44	1540	5	ND	11	65	1.6	132	2	41	.09	.034	36	36	.03	773	.01	9	.61	.01	.12	1	253
035271	9	18	38	692	.7	68	18	998	4.39	2099	5	ND	10	76	2.2	143	2	34	.10	.035	37	27	.04	1190	.01	11	.75	.01	.14	1	440
035272	11	20	54	763	.7	73	18	850	4.67	1273	5	ND	11	72	2.5	110	2	35	.09	.035	37	28	.04	1126	.01	9	.65	.01	.13	1	220
035273	12	23	43	1020	.3	93	18	1083	4.22	747	5	ND	10	80	3.6	83	2	38	.25	.037	32	44	.06	926	.01	11	.98	.01	.15	1	264
035274	11	19	44	1295	.1	112	17	985	4.54	228	5	ND	11	83	2.5	73	2	37	.10	.044	37	29	.05	1046	.01	8	.65	.01	.13	1	36
035275	7	17	45	1061	.3	88	14	954	4.37	676	5	ND	10	77	3.5	64	2	40	.08	.042	40	32	.04	982	.01	13	.77	.01	.17	1	59
035276	21	41	30	436	1.0	49	10	150	3.57	243	5	ND	4	170	.3	50	2	119	.12	.091	17	80	.05	2575	.01	23	.95	.01	.25	1	49
035277	30	39	20	161	1.2	31	4	65	1.68	115	5	ND	2	201	.7	38	2	205	.17	.118	7	58	.05	2687	.01	22	.63	.01	.17	1	2
035278	26	21	14	50	1.2	21	2	36	1.50	43	5	ND	2	216	.6	23	2	157	.18	.130	8	90	.03	480	.01	24	.54	.01	.21	1	4
035279	17	25	15	41	.8	22	2	20	1.62	57	5	ND	2	291	1.7	50	2	192	.55	.488	7	44	.05	452	.01	38	.72	.02	.29	1	8
035280	12	27	8	234	.3	40	7	505	1.94	39	5	ND	2	436	4.1	41	2	107	5.75	.068	5	48	2.85	868	.01	15	.64	.03	.16	1	2
035281	22	23	12	100	1.0	25	4	82	1.41	41	5	ND	2	182	1.5	36	2	126	.68	.088	5	87	.26	957	.01	21	.41	.01	.16	1	1
035282	13	33	11	262	.3	34	5	383	1.80	31	5	ND	2	546	5.3	29	2	96	9.11	.088	6	30	4.15	193	.01	18	.58	.03	.17	1	1
035283	20	31	14	228	.9	38	5	215	2.13	154	5	ND	2	292	2.8	49	2	148	2.06	.150	9	44	.93	361	.01	26	.74	.02	.26	1	1
035284	20	23	18	135	.4	26	3	79	1.85	34	5	ND	2	163	2.1	39	2	94	1.11	.078	5	35	.25	61	.01	25	.63	.01	.29	1	1
035285	16	87	12	359	.1	51	8	133	2.89	59	5	ND	1	132	11.6	33	2	204	2.61	.056	5	51	.23	29	.01	19	.88	.01	.24	1	3
035286	35	40	11	134	1.8	34	3	70	1.67	84	5	ND	1	301	1.1	103	2	244	.38	.212	6	111	.10	916	.01	18	.60	.01	.16	1	10
035287	47	31	6	108	3.0	41	3	56	1.02	59	5	ND	1	309	2.4	56	2	477	.24	.209	6	159	.06	1398	.01	14	.51	.01	.12	2	18
035288	32	67	7	321	4.3	62	4	233	1.35	98	7	ND	1	622	7.1	45	2	489	.54	.570	11	298	.09	2726	.01	17	.98	.01	.15	1	19
STANDARD C/AU-R	18	59	38	132	7.3	70	31	1039	3.95	41	15	7	39	51	17.8	15	19	55	.48	.091	37	58	.88	178	.09	33	1.88	.07	.15	11	462

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

AMPLE#	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
32758 CON BCRC 91-646	5	49	24	283	.1	58	22	927	4.17	31	5	ND	19	291	1.4	51	2	88	5.13	.184	54	103	1.27	579	.01	3	.79	.01	.13	1	7
32759	8	37	34	382	.1	55	22	1158	4.67	61	5	ND	16	298	2.2	84	2	74	3.54	.123	46	84	1.14	179	.01	7	.76	.01	.14	1	10
35289	3	84	8	457	16.1	70	9	719	2.57	753	5	ND	1	63	16.7	35912	2	49	.42	.011	15	59	.04	22	.01	9	.80	.01	.10	1	1660
35290	6	32	25	475	3.4	63	10	620	3.18	1644	5	ND	6	53	6.2	15133	2	54	.13	.024	29	49	.02	504	.01	10	.82	.01	.10	1	740
35291	7	45	21	446	4.8	83	14	794	2.91	1704	5	ND	1	46	8.4	26034	2	50	.17	.017	23	63	.04	94	.01	10	1.07	.01	.08	1	1150
35292	4	152	2	488	19.0	75	9	275	2.34	140	5	ND	1	47	7.2	34477	2	57	.12	.014	6	55	.02	14	.01	9	.90	.01	.09	1	350
35293	17	34	16	290	2.5	54	6	160	1.74	213	5	ND	2	119	1.5	5669	2	86	.13	.056	8	58	.03	541	.01	12	.58	.01	.14	1	127
35294	22	24	16	86	1.4	22	3	104	1.33	170	5	ND	3	143	.9	2391	2	104	.12	.064	9	75	.04	650	.01	21	.59	.01	.21	1	38
35295	18	17	14	75	1.4	24	2	83	.76	145	5	ND	2	182	1.4	2007	2	143	.13	.107	7	60	.03	1181	.01	13	.49	.01	.13	1	76
35296	22	12	16	41	2.2	21	2	66	.69	120	5	ND	2	183	.8	1367	2	165	.11	.102	6	72	.03	1325	.01	15	.53	.01	.16	1	104
35297	33	9	16	48	1.5	16	2	70	.67	156	5	ND	2	123	.7	1893	2	116	.04	.150	5	86	.02	1190	.01	11	.35	.01	.10	1	92
35298	31	19	16	95	1.4	27	3	64	1.32	154	5	ND	3	163	.6	1412	2	137	.04	.212	6	78	.03	482	.01	17	.56	.01	.17	1	51
35299	27	28	12	94	1.0	23	3	64	1.53	89	5	ND	2	172	2.0	858	2	117	.20	.195	5	67	.06	208	.01	16	.45	.01	.18	1	29
35300	26	26	15	55	1.2	17	2	48	1.47	99	5	ND	2	169	.9	1011	2	110	.63	.217	4	68	.02	91	.01	14	.31	.01	.16	1	40
35301	21	38	16	185	.7	33	5	135	2.01	62	5	ND	2	176	2.7	476	2	94	2.02	.109	4	51	.44	51	.01	16	.47	.01	.20	1	14
35302	13	54	9	244	.1	37	7	301	2.38	57	6	ND	3	287	3.6	369	2	96	5.16	.084	5	44	1.72	39	.01	21	.84	.02	.31	1	8
35303	21	49	13	228	.2	35	5	256	2.20	93	5	ND	2	263	4.5	766	2	120	3.67	.122	4	62	.97	38	.01	23	.77	.02	.28	1	21
35304	23	27	19	171	.6	24	4	123	1.56	76	5	ND	2	145	2.0	598	2	102	.64	.104	3	47	.08	111	.01	19	.50	.01	.24	1	6
35305	25	23	16	190	.6	23	4	94	1.65	127	5	ND	1	159	3.4	1490	2	85	.40	.093	3	65	.11	89	.01	18	.52	.01	.21	1	28
35306	17	26	18	244	.9	31	5	125	1.60	187	5	ND	1	154	2.3	2857	2	87	.49	.093	4	52	.17	56	.01	18	.55	.01	.20	1	16
35307	20	25	10	425	.4	38	6	204	1.39	89	5	ND	2	217	4.6	930	2	108	1.28	.082	4	106	.66	105	.01	17	.63	.01	.21	1	3
35308	14	44	39	502	.1	95	17	1690	4.96	1825	5	ND	9	70	5.6	4291	2	45	.16	.057	30	43	.06	1181	.01	5	.73	.01	.14	1	260
35309	14	38	54	674	1.3	123	30	1653	5.36	1348	5	ND	10	57	4.7	2642	2	46	.11	.058	29	36	.04	930	.01	6	.66	.01	.11	1	108
35310	16	43	57	724	.1	117	27	719	6.11	1729	5	ND	13	70	6.4	4286	2	51	.10	.088	39	37	.02	829	.01	4	.72	.01	.11	1	131
35311	15	33	49	456	.8	78	14	899	4.36	1425	5	ND	10	72	5.6	4980	2	48	.13	.071	31	67	.04	1149	.01	9	.75	.01	.14	1	390
35312	9	21	42	308	1.9	41	8	225	3.32	1878	5	ND	8	65	3.6	2739	2	52	.10	.049	28	58	.02	984	.01	9	.57	.01	.12	1	720
= 035308	15	44	38	502	.2	97	17	1710	5.07	1860	5	ND	10	71	5.6	4273	2	45	.16	.059	31	49	.06	1239	.01	7	.74	.01	.14	1	250
35313	7	31	31	226	9.1	34	4	81	2.58	501	5	ND	7	52	6.0	11677	2	78	.09	.067	23	59	.01	648	.01	8	.47	.01	.07	1	790
35314	17	91	17	277	7.0	63	6	94	1.88	217	5	ND	4	665	10.5	11692	3	545	.36	.513	15	135	.04	1838	.01	11	1.09	.01	.11	1	350
35315	16	105	12	249	3.8	62	10	336	1.49	117	5	ND	3	564	4.1	995	3	377	.86	.670	12	132	.03	5201	.01	12	.99	.01	.11	1	84
35316	20	101	6	177	3.1	42	7	186	1.20	109	5	ND	3	538	3.4	392	3	552	.99	.645	12	201	.04	4326	.01	22	.87	.01	.16	1	29
35317	25	97	15	247	5.2	65	27	739	1.52	113	5	ND	3	526	3.8	665	2	488	.38	.460	10	130	.03	5956	.01	11	.89	.01	.11	1	77
35318	22	71	17	245	4.8	50	9	193	1.90	480	5	ND	5	424	3.4	904	2	442	.29	.367	16	214	.04	5066	.01	12	.86	.01	.12	1	640
35319	18	52	12	247	4.4	52	7	64	1.92	256	5	ND	5	464	4.2	283	2	442	1.22	.947	21	282	.06	4584	.01	19	.93	.01	.21	1	250
35320	13	169	9	171	3.8	44	5	67	1.10	65	5	ND	3	599	6.5	119	3	229	2.47	1.548	27	294	.06	3561	.01	19	.96	.01	.20	1	45
35321	40	490	13	525	4.2	94	5	90	1.62	108	8	ND	5	232	17.8	217	2	1121	1.00	.428	28	170	.11	1700	.01	21	.91	.01	.29	1	39
35322	22	227	9	361	4.0	71	3	49	1.21	57	5	ND	3	364	18.1	112	2	691	2.13	1.153	24	254	.10	1763	.01	22	.97	.01	.29	1	19
TANDARD C/AU-R	19	59	40	135	6.9	72	32	1067	4.06	39	18	7	40	52	18.5	20	19	56	.51	.092	39	60	.88	177	.09	35	1.91	.06	.15	11	490

CON BCRC 91-635

CON BCRC 91-636

ample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
035323	49	334	23	551	1.7	136	7	201	2.36	125	5	ND	9	252	19.5	95	2	640	.89	.418	37	85	.08	1166	.01	14	.93	.01	.25	1	19
035324	29	148	41	543	.9	103	16	746	4.23	250	5	ND	18	187	12.7	150	2	348	.20	.178	51	48	.04	1056	.01	7	.71	.01	.17	1	47
035325	18	214	20	324	2.6	90	19	646	1.71	95	5	ND	6	535	22.5	97	2	669	1.25	.644	31	130	.08	2838	.01	15	1.03	.01	.19	1	32
035326	48	250	11	683	4.9	143	8	208	2.00	100	5	ND	4	380	23.7	87	2	1100	1.73	.756	23	276	.09	2247	.01	22	1.00	.01	.23	1	21
035327	35	190	5	523	4.0	113	5	149	1.56	116	5	ND	3	363	21.7	179	2	1120	2.27	1.002	26	265	.09	1554	.01	20	.87	.01	.23	1	22
035328	24	118	17	358	1.8	56	5	74	2.37	121	5	ND	6	223	5.1	123	2	472	.89	.542	29	117	.05	1020	.01	16	.95	.01	.16	1	14
035329	14	78	22	412	.6	47	12	389	4.24	173	5	ND	8	249	6.5	114	4	338	.83	.261	25	69	.30	189	.01	14	.68	.01	.18	1	17
035330	5	17	20	156	.3	18	10	737	3.48	89	5	ND	7	324	1.7	246	2	51	2.93	.049	17	39	1.01	41	.01	10	.58	.01	.13	1	32
035331	4	16	23	161	.3	17	11	621	3.61	121	5	ND	9	308	1.8	152	2	40	2.63	.067	19	31	.81	44	.01	10	.58	.01	.13	1	29
035332	4	14	24	156	.2	14	12	715	3.57	184	5	ND	10	395	1.0	108	2	35	2.87	.061	20	31	.97	48	.01	9	.62	.01	.14	1	32
035333	7	33	37	191	1.3	23	8	180	3.84	2837	5	ND	14	167	3.8	6056	2	39	.15	.066	39	43	.07	1025	.01	5	.62	.01	.12	1	1130
035334	6	24	37	102	3.7	16	5	91	2.02	2200	5	2	12	92	1.7	4237	2	28	.07	.039	34	53	.02	716	.01	5	.57	.01	.10	1	2150
035335	6	32	38	145	1.7	22	6	91	3.19	3078	5	ND	14	113	4.2	2573	2	38	.08	.054	34	45	.02	775	.01	5	.70	.01	.12	1	1510
035336	6	42	48	151	2.2	36	9	106	3.35	5215	5	3	15	219	5.7	1929	2	39	.09	.074	42	54	.02	1260	.01	9	.86	.01	.12	1	2480
035337	7	35	67	162	1.9	18	7	138	3.93	5123	5	2	16	124	3.4	1480	2	41	.10	.054	40	46	.02	860	.01	6	.58	.01	.11	1	2030
035338	8	44	44	184	1.2	25	13	199	3.97	4117	5	2	15	129	4.7	1827	2	43	.08	.054	37	57	.02	968	.01	6	.74	.01	.13	1	1730
035339	8	31	35	155	1.1	21	6	78	3.88	6691	5	3	15	154	7.5	937	2	36	.09	.054	41	53	.02	905	.01	9	.71	.01	.13	1	2290
035340	8	23	35	135	1.1	12	5	54	3.39	4522	5	ND	13	80	4.6	2173	2	26	.09	.045	37	52	.02	865	.01	7	.54	.01	.12	1	1020
035341	9	22	32	91	1.5	9	4	34	2.91	5719	5	ND	10	94	2.4	2474	2	27	.09	.044	35	74	.02	782	.01	9	.57	.01	.14	1	1360
035342	10	55	26	155	1.6	16	6	74	3.36	3179	5	ND	10	79	9.3	1590	2	35	.12	.052	33	57	.03	671	.01	9	.55	.01	.16	1	620
035343	14	56	29	155	2.9	28	10	229	3.02	2391	5	ND	6	75	11.0	2281	2	45	.11	.047	23	85	.03	583	.01	8	.60	.01	.16	1	1340
035344	14	51	20	105	3.9	28	13	210	1.28	880	5	ND	4	482	7.6	3343	2	166	.14	.327	15	176	.02	4822	.01	7	.85	.01	.08	1	410
035345	18	79	51	637	1.1	111	24	599	3.96	384	5	ND	9	350	4.3	407	5	141	.12	.275	38	225	.04	3769	.01	10	1.07	.01	.16	1	87
035346	16	109	27	873	2.0	178	25	1243	3.60	249	5	ND	10	568	6.9	619	2	117	.59	.640	37	266	.04	5212	.01	11	1.58	.01	.14	1	58
035347	9	47	35	848	.1	104	30	1278	5.04	156	5	ND	16	113	4.2	148	2	39	.42	.075	49	63	.05	1026	.01	9	.91	.01	.18	1	36
035348	12	58	31	743	.3	90	19	687	4.41	229	5	ND	13	189	3.2	169	3	57	.73	.243	45	108	.08	1591	.01	7	.98	.01	.18	1	35
035349	12	35	21	329	1.6	60	9	468	1.77	75	5	ND	2	81	1.7	80	2	27	2.06	.033	11	125	1.08	445	.01	10	.31	.01	.10	1	22
035350	10	50	20	297	1.5	52	9	346	2.41	85	5	ND	5	192	1.6	56	2	43	1.21	.201	24	104	.29	1065	.01	13	.64	.01	.15	1	29
035351	4	23	23	268	.1	31	14	584	4.02	23	5	ND	12	200	.6	32	2	32	1.33	.113	41	32	.32	433	.01	7	.77	.01	.18	1	13
035352	6	7	31	394	.1	35	14	645	4.18	51	5	ND	15	103	1.2	75	2	38	1.17	.118	43	37	.13	457	.01	10	.94	.01	.21	1	21
035353	4	6	16	326	.1	23	14	859	3.96	25	5	ND	15	86	.5	46	2	37	2.13	.122	47	35	.19	358	.01	7	.99	.01	.22	1	13
035354	3	10	21	216	.1	17	13	824	3.76	15	5	ND	15	153	.2	19	2	39	2.58	.115	45	32	.49	448	.01	6	.85	.01	.19	1	7
035355	4	12	32	301	.2	23	16	1120	4.28	29	5	ND	15	222	.2	45	2	39	2.54	.071	34	41	.60	1003	.01	7	.67	.01	.16	1	8
035356	11	6	33	558	.1	46	15	721	5.20	73	5	ND	13	108	.3	163	2	38	.62	.049	29	35	.20	678	.01	10	.72	.01	.17	1	11
035357	11	7	38	582	.1	52	14	884	4.74	85	5	ND	13	103	.4	204	2	44	.86	.051	32	38	.19	725	.01	6	.83	.01	.16	1	11
RE 035353	4	6	19	324	.1	22	13	856	3.96	24	5	ND	15	87	.5	46	2	37	2.10	.123	47	35	.19	367	.01	5	1.02	.01	.24	1	9
035358	8	14	29	485	.1	37	16	797	4.47	77	5	ND	13	157	.2	105	2	32	.71	.067	34	27	.28	1086	.01	10	.69	.01	.16	1	26
STANDARD C/AU-R	19	58	38	131	7.3	70	32	1053	3.91	42	22	7	39	51	18.4	18	19	55	.48	.089	38	57	.87	178	.09	32	1.87	.06	.15	11	500

CON BCRC 91-636

CON BCRC 91-637

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
035359	3	7	26	320	.1	24	11	643	3.95	107	5	ND	9	208	.2	74	2	35	1.02	.066	29	19	.42	941	.01	16	.74	.01	.23	1	36
035360	4	24	15	129	1.0	19	8	522	2.33	82	5	ND	3	278	.5	294	2	25	2.34	.033	14	53	1.18	625	.01	12	.38	.01	.13	1	13
RE 035359	4	7	20	322	.1	25	12	677	3.71	108	5	ND	8	213	.3	76	2	36	1.14	.066	28	19	.43	976	.01	16	.73	.01	.19	1	34

BCRE 91-637

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALY L LABORATORIES LTD. 852 E. HASTINGS ST. VAN VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60 53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery BCRC 91-638 to 644

Noranda Exploration Co. Ltd. PROJECT 9110-029 330 File # 91-5160 Page 1

1050 Davie St., Vancouver BC V6E 1M4

CANADIAN BCRC 91-644

CON. BCRC 91-638

MPLE#	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
2701	7	22	33	154	.7	23	15	655	3.51	3111	5	ND	16	108	2.0	768	2	37	.67	.065	49	12	.04	1593	.01	11	.55	.01	.13	1	430
2702	4	17	29	146	.4	17	11	723	3.28	1294	5	ND	14	158	.4	231	2	39	2.88	.081	48	19	.17	978	.01	10	.67	.01	.14	1	150
2703	4	16	27	127	.3	16	11	744	3.22	595	5	ND	14	217	.2	186	2	39	3.01	.098	52	25	.41	428	.01	15	.69	.01	.20	1	57
2704	4	21	31	172	.8	19	12	955	3.75	1641	5	ND	14	128	.3	4666	2	38	1.04	.082	53	18	.11	694	.01	13	.74	.01	.16	1	520
2705	5	22	31	190	.5	24	13	1111	3.56	927	5	ND	14	93	.5	2443	2	47	1.43	.098	52	29	.07	676	.01	15	1.12	.01	.21	1	250
2706	14	13	26	148	1.7	22	22	842	3.46	2173	5	ND	11	173	.5	1842	2	29	.20	.030	40	86	.03	895	.01	10	.79	.01	.17	1	1640
2707	3	33	29	205	3.4	14	13	346	3.38	6189	6	5	5	210	1.7	24890	2	36	.29	.040	44	14	.02	662	.01	7	.59	.01	.14	1	4750
2708	4	19	26	267	.8	29	13	738	3.64	2331	5	ND	15	84	.5	3425	2	36	.49	.093	57	12	.04	491	.01	14	.77	.01	.17	1	560
2709	4	18	33	265	.5	34	14	688	3.55	2608	5	ND	14	74	1.1	1091	2	34	.75	.101	56	11	.05	672	.01	11	.83	.01	.20	1	570
2710	4	22	34	367	.8	45	16	794	3.58	2375	5	ND	12	60	2.0	2640	2	28	.34	.103	53	1	.04	1601	.01	12	.87	.01	.21	1	310
2711	5	38	43	542	1.0	77	23	1028	4.58	3587	5	4	11	105	3.5	1620	2	39	.19	.063	49	5	.04	2211	.01	9	.75	.01	.18	1	2090
2712	7	43	31	458	1.3	70	23	1067	4.38	3894	5	3	10	126	3.9	3506	2	57	.24	.080	48	26	.05	1556	.01	9	.80	.01	.18	1	1620
2713	12	23	28	407	1.0	51	19	1265	4.00	2389	8	ND	9	86	1.7	4665	2	41	.14	.039	42	17	.04	941	.01	9	.58	.01	.13	1	1050
2714	7	31	34	455	1.5	37	13	866	3.15	3449	5	ND	4	136	3.5	20324	2	38	.26	.028	35	17	.03	853	.01	8	.61	.01	.14	1	2090
2715	5	46	9	324	2.4	25	11	454	2.43	829	5	2	1	121	10.5	41126	19	50	.29	.020	16	36	.03	92	.01	9	.69	.01	.12	1	1940
2716	9	75	2	270	2.0	33	10	208	1.62	494	6	ND	1	269	15.4	37553	25	91	.21	.060	8	53	.02	69	.01	6	.52	.01	.06	1	900
2717	6	29	34	652	.7	79	19	1583	3.99	3283	5	ND	9	125	3.5	2505	2	51	.34	.131	39	11	.04	875	.01	9	.80	.01	.16	1	960
2718	13	74	20	494	2.2	81	14	675	2.46	1751	6	ND	5	714	5.5	200	2	179	.90	.658	25	32	.05	2561	.01	13	1.19	.01	.16	1	570
2719	21	88	8	418	3.3	61	4	89	1.32	229	5	ND	2	542	4.9	232	2	333	1.92	1.305	18	105	.06	1786	.01	20	.78	.01	.18	1	89
2720	19	58	15	187	2.2	25	2	61	.75	139	5	ND	2	564	2.2	170	2	307	1.02	.582	13	79	.05	1198	.01	22	.62	.01	.21	1	64
2721	7	28	28	261	.6	27	10	558	3.02	82	5	ND	7	343	1.3	94	2	75	2.22	.150	27	34	.81	749	.01	15	.74	.01	.19	1	47
5361	6	28	35	141	1.1	13	4	100	2.76	6246	6	2	12	71	4.4	477	2	26	.13	.042	39	12	.03	1332	.01	5	.50	.01	.13	1	3180
5362	6	37	70	194	.9	17	5	119	3.41	4961	6	ND	12	78	6.8	929	2	33	.11	.059	46	9	.03	1286	.01	7	.62	.01	.16	1	2270
5363	6	51	49	198	1.7	31	6	127	3.02	7563	6	3	12	104	6.4	968	2	32	.12	.063	43	12	.03	1283	.01	6	.69	.01	.15	1	3700
5364	6	95	57	285	.7	47	14	217	3.06	2884	7	ND	13	110	9.7	2213	2	41	.11	.069	49	12	.02	926	.01	6	.74	.01	.14	1	1340
5365	6	99	37	251	.9	39	15	515	2.50	2635	7	ND	13	95	12.1	895	2	35	.11	.064	48	14	.03	916	.01	13	.76	.01	.17	1	800
5365(D)	6	100	34	255	.9	40	15	542	2.56	2753	8	ND	13	95	12.4	893	2	35	.11	.065	47	9	.03	920	.01	12	.73	.01	.16	1	840
5366	6	86	18	184	1.3	24	15	195	1.84	1934	7	3	10	80	10.2	856	2	41	.08	.051	34	27	.03	736	.01	11	.63	.01	.12	1	1090
5367	7	35	23	131	1.4	14	6	98	1.47	2085	5	ND	9	69	4.8	380	2	31	.05	.043	33	34	.02	1032	.01	7	.52	.01	.09	1	780
5368	11	79	21	201	2.3	36	8	76	1.74	762	5	ND	4	239	6.5	862	2	117	.09	.127	12	30	.02	2581	.01	5	.69	.01	.10	1	570
5369	9	59	30	244	2.7	44	7	64	1.80	277	5	ND	5	206	4.0	260	2	90	.09	.153	21	18	.03	2848	.01	7	.89	.01	.13	1	100
: 035365(D)	6	99	35	249	.9	39	15	528	2.49	2697	8	ND	13	94	11.7	864	2	35	.11	.064	44	9	.03	921	.01	11	.71	.01	.16	1	850
5370	10	83	14	268	2.2	38	9	104	1.64	216	5	ND	4	188	3.2	190	2	116	.12	.156	14	37	.04	2859	.01	12	.69	.01	.17	1	102
5371	12	24	30	290	.6	33	8	170	2.28	152	5	ND	7	68	2.0	130	2	48	.07	.078	25	19	.03	962	.01	14	.73	.01	.17	1	35
5372	9	37	30	339	3.4	52	10	335	2.22	189	5	ND	6	85	2.8	133	2	40	.10	.083	20	12	.04	865	.01	12	.61	.01	.15	1	74
5373	8	50	16	387	.7	82	11	736	2.04	208	5	ND	5	212	3.2	109	2	38	.24	.176	25	11	.04	1060	.01	13	.94	.01	.20	1	44
5374	11	78	30	450	1.5	67	10	360	2.81	231	5	ND	5	257	5.0	89	2	96	.24	.243	29	26	.08	3261	.01	18	1.24	.01	.29	1	47
TANDARD C/AU-R	20	64	43	133	6.7	72	33	1066	4.05	43	16	8	36	53	19.0	20	21	60	.49	.092	35	59	.87	167	.09	34	1.90	.06	.15	11	480

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 21 1991 **DATE REPORT MAILED:** Oct 24/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
035375	14	72	23	430	1.6	57	6	330	3.06	236	5	ND	4	280	3.7	117	2	96	.25	.336	25	33	.05	3587	.01	18	.81	.01	.23	1	44
035376	12	46	46	543	1.1	45	7	201	3.69	191	5	ND	10	252	2.5	61	2	54	.09	.228	46	1	.04	3702	.01	11	1.13	.01	.22	1	29
035377	13	69	44	413	1.7	42	9	136	3.21	103	5	ND	7	426	2.7	47	2	126	1.96	1.429	43	16	.05	5138	.01	17	1.38	.01	.24	1	13
035378	11	57	16	268	1.3	43	6	383	1.48	103	5	ND	1	115	3.8	29	2	80	.20	.155	12	73	.02	1613	.01	11	.39	.01	.11	1	11
RE 035383	9	83	18	337	3.0	51	9	128	1.75	78	5	ND	3	545	5.4	30	2	189	.50	.692	21	1	.03	7469	.01	14	.90	.01	.12	1	20
035379	8	98	59	687	1.0	81	22	575	3.68	214	5	ND	10	216	5.7	27	5	76	.13	.203	55	38	.04	3036	.01	10	1.20	.01	.17	1	29
035380	6	42	38	375	.8	33	9	254	3.93	129	5	ND	6	108	2.0	29	3	55	.10	.082	37	15	.04	1519	.01	12	.81	.01	.19	1	35
035381	5	36	27	376	.5	29	6	125	3.92	50	5	ND	8	139	.3	26	2	61	.11	.109	42	7	.05	1698	.01	13	.95	.01	.21	1	13
035382	7	52	31	328	.6	38	7	138	3.98	68	5	ND	8	213	1.3	28	2	133	.27	.309	41	35	.04	2113	.01	19	.98	.01	.24	1	10
035383	10	93	29	356	3.2	55	9	131	1.91	87	5	ND	3	575	5.1	34	2	199	.52	.754	23	5	.04	7846	.01	17	.96	.01	.13	1	15
035384	25	177	13	585	3.8	138	9	195	1.27	46	7	ND	2	568	9.0	48	2	673	1.57	1.377	18	55	.18	7010	.01	21	1.01	.01	.21	1	18
035385	26	116	19	684	3.0	125	6	204	1.40	56	5	ND	1	475	10.2	43	2	286	3.16	1.378	14	156	.74	644	.01	24	.93	.01	.18	1	13
035386	12	68	21	186	1.5	39	5	68	1.75	679	5	ND	5	383	2.2	337	2	84	.24	.098	26	14	.05	1886	.01	7	.65	.01	.24	1	61
035387	10	100	14	118	1.1	30	3	44	1.88	748	5	ND	7	292	2.4	474	2	60	.22	.071	35	1	.05	1622	.01	8	.65	.01	.37	1	25
035388	9	36	34	92	1.5	20	3	43	1.97	2157	5	ND	13	267	1.6	520	2	56	.15	.086	47	52	.05	661	.01	10	.82	.01	.47	1	860
035389	7	37	50	211	.9	36	7	77	2.94	1605	6	ND	20	198	3.5	1354	2	54	.11	.118	78	15	.05	2078	.01	7	1.22	.01	.45	1	720
035390	8	57	47	305	.5	50	10	80	3.77	1588	5	ND	16	184	3.6	1907	2	47	.10	.112	56	9	.03	1749	.01	6	.86	.01	.24	1	220
035391	7	24	62	222	1.9	28	8	80	3.40	1665	5	ND	11	146	1.4	1948	2	33	.10	.106	48	5	.03	1718	.01	11	.76	.01	.29	1	140
035392	6	22	52	119	1.0	17	4	48	1.61	736	5	ND	9	167	1.5	1206	2	47	.10	.088	45	2	.04	1929	.01	9	.75	.01	.25	1	120
035393	4	54	64	219	2.2	30	4	54	3.23	1411	8	ND	10	259	5.7	4986	2	53	.09	.131	43	2	.03	1487	.01	7	.69	.01	.18	1	390
035394	8	83	37	544	2.0	75	13	163	2.46	359	5	ND	7	251	6.3	1154	2	116	.14	.181	31	1	.06	3309	.01	12	1.05	.01	.34	1	160
035395	13	62	28	541	1.5	84	15	466	2.80	96	5	ND	4	208	10.0	191	2	81	3.41	.082	25	21	1.72	1388	.01	13	.67	.01	.29	1	27
035396	24	154	46	923	2.3	143	27	808	4.66	119	5	ND	10	358	18.9	97	2	427	6.21	.270	60	156	2.14	3663	.01	8	1.05	.01	.14	1	15
035397	26	155	11	426	4.2	98	7	83	1.14	63	7	ND	1	591	10.6	53	2	776	2.61	1.389	24	94	.31	5919	.01	20	1.01	.01	.23	1	20
035398	37	131	37	544	2.9	95	8	344	2.58	97	5	ND	5	313	9.4	38	2	1060	1.62	.284	29	125	.56	97	.01	12	.92	.01	.23	1	17
035399	32	109	32	490	1.8	64	6	418	1.97	128	5	ND	4	282	14.7	33	2	1073	2.55	.430	27	124	.82	555	.01	19	.81	.01	.23	1	27
035400	11	49	45	345	.8	43	11	717	3.13	105	5	ND	6	381	10.1	40	2	321	3.46	.183	31	72	1.29	169	.01	9	.89	.01	.19	1	15
035401	5	34	38	362	.3	39	13	753	3.75	67	5	ND	9	399	8.4	33	2	65	3.43	.105	39	33	1.31	507	.01	4	.71	.01	.17	1	6
035402	5	22	29	308	.2	25	10	649	3.23	43	5	ND	5	282	4.2	25	2	57	2.92	.069	27	30	1.07	695	.01	11	.68	.01	.16	1	3
035403	4	10	29	236	.1	16	10	631	3.14	21	5	ND	6	282	1.2	25	2	37	2.70	.061	31	26	1.06	747	.01	7	.72	.01	.16	1	5
035404	4	9	35	191	.4	14	10	682	3.27	28	5	ND	7	343	.8	37	2	42	3.10	.084	35	25	1.06	716	.01	12	.86	.01	.20	1	3
035405	3	14	22	211	.3	14	10	681	3.48	22	5	ND	7	259	.2	37	2	48	2.71	.046	28	31	1.07	374	.01	11	.98	.01	.19	1	5
035406	3	15	35	280	.8	18	12	741	3.66	50	5	ND	6	331	.6	38	2	42	2.85	.073	26	34	1.11	64	.01	8	.80	.01	.14	1	12
035407	4	15	36	325	.3	25	13	690	3.72	38	5	ND	6	292	.2	46	2	38	2.34	.073	27	34	.96	51	.01	9	.78	.01	.14	1	11
035408	4	23	43	296	.8	20	12	775	3.87	29	5	ND	8	298	.2	36	2	41	2.67	.080	34	36	1.12	97	.01	15	1.10	.01	.20	1	6
035409	6	11	33	394	.5	27	13	760	4.03	40	5	ND	7	310	.4	53	2	39	2.39	.058	29	63	.98	38	.01	13	.98	.01	.19	1	16
035410	3	48	86	415	1.1	20	12	754	3.85	195	5	ND	8	244	3.6	39	2	41	2.41	.080	39	12	1.12	1067	.01	8	.84	.01	.16	1	23
STANDARD C/AU-R	19	63	43	133	7.3	71	33	1061	4.04	43	16	7	36	54	19.0	16	22	61	.49	.091	40	60	.87	178	.09	35	1.90	.05	.15	11	470

CON. BCRC 91-638

CON. BCRC 91-639

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

AMPLE#	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
35411	8	45	42	233	1.8	25	12	321	3.52	8330	8	6	23	134	13.7	4902	2	40	.22	.105	77	47	.04	230	.01	6	.44	.01	.42	1	4240
35412	4	28	41	179	.8	19	8	156	2.52	4541	7	ND	23	129	3.7	2864	3	46	.12	.084	83	26	.04	1118	.01	3	.74	.01	.44	1	2550
35413	6	22	48	149	1.1	23	5	101	3.33	2387	5	ND	15	145	2.5	3092	2	43	.15	.080	61	33	.04	238	.01	8	.71	.01	.45	1	1080
35414	5	22	41	143	.8	13	4	72	2.29	2263	5	ND	12	130	1.3	1210	2	38	.10	.069	49	17	.04	1005	.01	7	.69	.01	.27	1	940
35415	5	17	41	116	.9	10	3	68	2.18	2590	5	ND	11	179	1.9	2267	2	45	.14	.068	45	23	.05	778	.01	10	.67	.01	.22	1	780
35416	5	24	38	198	.6	16	8	96	2.87	2132	5	ND	11	163	2.1	2167	2	46	.10	.067	46	16	.05	1333	.01	12	1.00	.01	.25	1	520
35416(D)	5	23	37	193	.6	15	8	96	2.91	2114	5	ND	11	169	1.5	1859	2	46	.11	.068	45	19	.05	1327	.01	7	.87	.01	.24	1	480
35417	4	41	72	172	1.9	5	6	72	2.02	1714	5	2	6	128	1.8	21077	3	32	.09	.049	39	30	.03	454	.01	9	.67	.01	.20	1	980
35418	4	11	28	69	1.2	5	3	50	1.49	1598	5	ND	11	143	.2	922	2	28	.04	.053	46	19	.03	960	.01	11	.65	.01	.19	1	820
35419	4	39	57	76	1.9	7	3	41	1.52	1306	5	ND	9	168	3.6	5705	2	37	.07	.051	44	12	.03	1038	.01	9	.60	.01	.20	1	720
35420	6	31	28	144	.7	14	5	84	2.00	1559	5	ND	11	178	3.5	719	5	31	.05	.062	46	9	.04	1199	.01	12	.74	.01	.23	1	420
E 035425	35	118	12	1103	1.8	119	9	343	2.17	130	7	ND	3	269	20.1	175	2	535	3.96	.342	24	63	1.97	2519	.01	19	.91	.01	.41	1	20
35421	11	62	28	80	1.2	8	3	58	1.25	1759	6	ND	3	186	7.5	11874	2	37	.11	.041	20	100	.06	392	.01	8	.55	.01	.12	1	1240
35422	8	143	38	148	6.6	11	2	40	1.46	4436	5	5	1	233	12.7	27641	2	69	.06	.084	22	60	.03	76	.01	8	.71	.01	.14	1	6280
35423	56	206	31	1031	3.9	151	10	404	2.53	349	13	ND	5	208	44.8	1029	2	693	1.52	.101	34	67	.76	2031	.01	8	.97	.01	.20	1	200
35424	48	98	8	1303	1.2	97	5	509	1.20	177	9	ND	2	152	30.5	666	2	425	7.83	.025	21	32	3.95	658	.01	12	.47	.01	.18	1	16
35425	35	118	12	1134	1.9	121	9	351	2.19	122	8	ND	3	270	21.1	179	2	544	4.01	.345	24	64	2.00	2510	.01	23	.92	.01	.36	1	14
35426	12	76	31	449	1.1	67	12	601	2.99	166	5	ND	7	451	12.0	120	2	247	2.59	.504	34	60	.81	1689	.01	10	.84	.01	.16	1	27
35427	16	101	23	470	1.6	72	13	632	3.18	194	6	ND	6	476	9.8	76	2	361	3.85	1.288	35	118	1.05	141	.01	17	1.09	.01	.21	1	21
35428	12	65	35	317	1.6	41	9	589	2.81	105	5	ND	4	331	5.0	77	2	278	3.13	.417	27	84	.92	183	.01	19	1.15	.01	.23	1	27
35429	4	10	25	255	.2	19	11	716	3.41	45	5	ND	4	302	2.1	52	2	45	2.74	.040	23	33	1.06	97	.01	9	.66	.01	.16	1	10
35430	7	23	44	301	1.1	23	10	628	3.47	265	5	ND	7	270	2.9	472	2	60	2.53	.072	30	52	1.01	60	.01	13	1.01	.01	.22	1	3
35431	4	12	32	384	.2	23	11	732	3.46	73	5	ND	8	223	1.7	122	2	42	3.08	.089	35	23	1.09	655	.01	10	.91	.01	.23	1	1
35432	3	11	21	327	.1	18	10	761	3.60	31	5	ND	8	275	.5	57	2	37	2.99	.100	39	20	1.10	421	.01	10	.80	.01	.22	1	21
35433	3	13	26	411	.1	22	12	779	3.88	53	5	ND	8	280	.2	77	2	36	2.88	.096	42	14	1.13	765	.01	8	.84	.01	.22	1	26
35434	3	15	28	323	.1	21	13	733	3.76	73	5	ND	8	203	.2	461	2	39	3.05	.090	37	25	1.15	539	.01	8	1.18	.01	.22	1	42
35435	3	25	17	168	.3	25	12	709	3.31	183	5	ND	13	70	.2	442	2	64	1.43	.120	55	19	.13	749	.01	12	.80	.01	.24	1	109
35436	2	19	19	162	.1	23	13	650	3.46	605	5	ND	14	46	.2	251	2	42	.82	.106	60	16	.11	843	.01	11	.84	.01	.30	1	116
35437	2	19	36	192	.3	25	13	785	3.53	624	5	ND	13	37	.2	183	2	56	.39	.105	56	27	.26	755	.06	11	1.01	.01	.48	1	84
35438	2	17	43	268	.3	25	16	786	3.86	950	5	ND	12	102	.2	243	2	42	.80	.086	57	12	.06	1215	.01	9	.88	.01	.18	1	81
35439	1	19	30	262	.1	30	15	890	3.87	1276	5	ND	13	89	.2	468	2	39	.72	.101	59	9	.06	857	.01	12	.84	.01	.18	1	102
35440	2	20	37	223	.3	31	16	1040	3.86	1652	5	ND	9	87	.2	2048	2	29	.22	.077	56	11	.05	732	.01	9	.75	.01	.20	1	202
35441	2	25	32	336	1.1	32	16	792	3.78	3153	5	ND	7	113	.5	9738	2	32	.22	.071	49	10	.05	1122	.01	11	.87	.01	.29	1	620
35442	2	26	21	484	1.2	32	14	465	3.46	1284	5	ND	1	101	2.2	28959	2	33	.23	.035	32	22	.04	134	.01	8	.85	.01	.18	1	490
35443	4	34	40	421	3.5	28	17	403	3.39	1949	5	ND	1	134	2.8	30127	2	41	.30	.030	38	24	.04	707	.01	11	.80	.01	.16	1	790
35444	3	33	35	444	3.0	33	17	845	3.83	2054	5	ND	6	132	1.9	17033	2	36	.19	.045	44	7	.04	1261	.01	9	.61	.01	.12	1	560
35445	2	31	40	382	2.2	27	14	858	3.78	2000	5	2	6	276	1.0	10989	2	35	1.34	.042	34	11	.27	1073	.01	11	.84	.01	.16	1	750
STANDARD C/AU-R	18	62	37	133	7.1	70	32	1058	3.95	43	18	7	35	52	18.9	18	19	58	.49	.092	38	59	.89	178	.09	33	1.91	.06	.14	11	480

CDN BCRC 91-640

CDN BCRC 91-641

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
035446	3	60	16	497	6.0	31	13	648	3.03	459	5	ND	1	197	3.9	30576	21	39	.35	.023	25	32	.05	72	.01	10	.69	.01	.09	1	493
035447	3	23	33	504	1.6	43	11	778	2.98	1594	5	ND	1	137	11.0	21749	2	41	.34	.026	26	31	.04	223	.01	11	.86	.01	.10	1	882
035448	5	25	23	655	2.4	32	14	936	3.14	664	5	ND	1	92	3.1	30505	19	42	.27	.023	27	39	.04	58	.01	10	.74	.01	.12	1	588
035449	6	25	34	473	1.4	35	10	358	3.16	633	5	ND	5	66	2.6	5364	2	41	.10	.033	28	29	.03	752	.01	12	.55	.01	.11	1	336
035450	25	92	28	610	1.9	80	12	255	2.70	531	5	ND	4	280	3.1	1366	2	186	.17	.147	26	1	.04	3328	.01	12	.89	.01	.13	1	178
035451	24	80	13	364	2.9	79	6	74	1.21	122	24	ND	2	645	7.9	395	2	542	.61	.725	10	6	.06	6185	.01	16	1.07	.01	.16	1	56
035452	25	124	13	780	5.1	129	12	119	1.85	160	21	ND	2	542	6.5	279	2	480	.70	1.110	16	9	.06	6588	.01	9	1.13	.01	.11	1	61
035453	25	120	12	960	3.8	119	10	403	1.50	68	24	ND	2	413	10.1	263	2	507	1.20	.703	13	95	.30	3852	.01	15	.79	.01	.13	1	34
035454	10	41	36	168	1.1	27	3	74	1.69	819	5	ND	7	190	2.0	660	2	51	.16	.066	30	45	.04	480	.01	6	.54	.01	.27	1	588
035455	8	55	46	332	.9	48	11	252	2.60	1155	5	ND	11	231	3.5	673	2	51	.14	.117	47	31	.04	1530	.01	11	1.20	.01	.31	1	546
035456	7	47	46	465	1.0	46	13	367	3.69	1541	5	ND	11	143	3.8	1038	2	47	.12	.107	46	17	.03	1417	.01	8	1.01	.01	.25	1	536
035457	8	58	38	485	1.1	55	11	276	3.27	1675	5	ND	8	280	2.9	1156	2	52	.17	.108	39	11	.05	1536	.01	8	.89	.01	.26	1	336
035458	7	42	84	158	2.7	18	4	58	1.44	532	5	ND	10	179	2.2	10460	2	53	.16	.067	47	14	.05	1380	.01	8	.79	.01	.24	1	357
035458(D)	8	42	88	151	3.2	17	4	64	1.41	503	5	ND	10	169	2.9	11117	2	57	.15	.069	51	35	.05	1391	.01	9	.89	.01	.25	1	399
035459	3	90	33	80	5.0	3	2	54	.87	127	5	ND	1	73	5.1	30594	23	40	.10	.028	25	29	.02	417	.01	6	.50	.01	.09	1	693
035460	5	42	109	139	2.7	5	2	70	1.23	511	5	ND	1	51	3.5	29980	14	38	.05	.037	22	39	.02	191	.01	5	.42	.01	.07	1	924
035461	10	69	27	71	3.1	17	4	24	.91	390	5	ND	3	522	1.3	4826	2	271	.03	.610	20	1	.02	6167	.01	6	1.01	.01	.12	1	326
035462	6	175	63	299	1.5	42	7	99	1.97	587	5	ND	9	148	.8	737	2	87	.05	.112	35	1	.03	1939	.01	2	.89	.01	.15	1	252
035463	20	148	44	500	1.6	58	10	213	2.91	316	6	ND	8	257	2.9	750	2	142	.26	.364	34	24	.05	1883	.01	8	1.06	.01	.23	1	11
035464	42	58	19	82	3.1	27	2	85	1.24	107	24	ND	3	275	10.9	211	2	415	.26	.574	14	88	.04	392	.01	14	.59	.01	.15	1	41
RE 035460	5	42	107	133	2.8	3	2	67	1.21	515	5	ND	2	50	3.4	32452	2	39	.05	.037	23	38	.02	164	.01	6	.40	.01	.07	1	976
035465	39	154	28	273	3.6	70	4	51	1.51	89	33	ND	3	492	9.6	151	2	529	.96	1.147	21	140	.06	2028	.01	20	1.06	.01	.25	1	79
035466	48	279	22	364	3.4	98	3	28	1.23	167	58	ND	2	420	9.0	110	2	1220	.68	.577	21	151	.07	1706	.01	11	.86	.01	.28	1	98
035467	11	58	41	716	.8	76	15	759	3.98	139	5	ND	12	289	16.0	85	2	148	1.54	.256	47	35	.52	977	.01	7	.80	.01	.15	1	19
035468	20	117	28	453	2.5	68	7	388	2.18	115	26	ND	5	374	13.8	62	2	530	2.68	1.137	37	148	.52	1104	.01	14	1.00	.01	.22	1	21
035469	10	109	31	485	2.4	58	9	448	2.97	100	15	ND	5	335	7.7	182	2	360	2.03	.763	32	98	.44	92	.01	13	1.03	.01	.24	1	26
035470	6	15	32	469	.3	37	10	647	3.63	47	5	ND	8	209	2.7	178	2	61	2.14	.141	42	21	.75	808	.01	12	.97	.01	.21	1	5
035471	5	16	25	381	.3	30	10	692	3.50	37	5	ND	9	201	3.3	87	2	51	2.47	.129	38	23	.90	440	.01	7	.86	.01	.18	1	12
035472	3	17	29	282	.1	25	10	686	3.60	33	5	ND	8	196	2.4	88	2	54	3.03	.110	31	23	1.05	574	.01	4	.88	.01	.13	1	19
035473	3	18	29	265	.2	22	10	736	3.59	18	5	ND	9	205	4.6	50	2	52	2.77	.113	35	22	1.05	466	.01	3	.85	.01	.14	1	17
035474	4	18	25	388	.1	28	10	696	3.92	18	5	ND	9	188	2.9	142	2	46	2.26	.124	39	16	.95	562	.01	5	1.24	.01	.24	1	8
035475	4	15	30	333	.2	26	9	713	3.68	28	5	ND	9	151	2.4	68	2	47	2.95	.123	37	19	1.03	410	.01	6	.97	.01	.15	1	22
035476	5	24	31	369	.2	27	10	728	3.40	29	5	ND	8	227	3.6	87	2	52	2.91	.123	38	25	.94	461	.01	7	1.37	.01	.24	1	2
035477	4	18	28	329	.2	25	11	708	3.56	20	5	ND	7	293	3.7	50	2	50	2.73	.113	35	26	1.10	131	.01	6	1.18	.01	.17	1	10
035478	3	26	24	221	.7	21	12	459	4.14	2932	5	ND	9	71	1.1	1623	2	29	.16	.034	40	11	.05	802	.01	6	.66	.01	.16	1	367
035479	3	17	38	141	.2	23	12	792	3.51	1911	5	ND	11	110	.2	333	2	32	.20	.080	49	3	.05	1308	.01	3	.78	.01	.18	1	399
035480	2	17	31	124	.3	18	12	781	3.30	1080	5	ND	13	125	.2	208	2	31	1.43	.064	51	1	.07	1439	.01	3	.75	.01	.13	1	210
STANDARD C/AU-R	19	64	38	133	6.7	71	32	1059	3.97	38	15	8	35	51	18.7	16	19	58	.49	.092	36	59	.89	179	.09	33	1.90	.06	.14	11	462

CDN BCRC 91-641

CDN BCRC 91-642

CDN BCRC 91-643

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
035481	3	28	39	139	3.1	15	11	762	3.60	1863	5	ND	16	208	.2	2146	2	37	2.20	.048	48	22	.18	1312	.01	8	.82	.01	.14	1	1090
035482	2	21	41	161	.5	17	11	807	3.56	1438	5	ND	16	234	.2	646	2	43	2.75	.052	48	23	.28	1078	.01	8	.78	.01	.11	1	820
035483	2	20	43	189	.9	20	11	808	3.60	1299	5	ND	12	235	.2	15285	2	30	1.69	.035	46	19	.16	724	.01	13	.68	.01	.14	1	540
035484	3	17	35	189	.7	25	11	1154	3.61	3135	5	ND	13	143	.2	1617	2	25	.38	.029	43	20	.07	720	.01	10	.63	.01	.11	1	1450
035485	3	15	44	281	.3	38	17	1203	4.02	865	5	ND	14	135	.5	1117	2	30	1.35	.044	46	22	.09	994	.01	16	.94	.01	.19	1	260
035486	6	25	39	253	.4	40	14	871	4.12	618	5	ND	11	98	.2	236	2	27	.44	.037	40	24	.07	1184	.01	11	.69	.01	.16	1	200
035487	6	42	36	455	.6	61	22	861	5.64	3116	5	ND	16	131	.5	350	2	55	.20	.053	53	78	.07	1290	.01	7	.81	.01	.12	1	760
035488	5	58	29	383	.5	59	22	1261	5.35	2141	5	ND	17	298	.9	300	2	79	4.29	.072	46	106	.64	1409	.01	5	.75	.01	.06	1	620
035489	6	24	50	431	.2	54	16	981	4.48	1274	5	ND	12	114	.8	426	2	35	.38	.037	39	37	.12	932	.01	9	.91	.01	.16	1	200
035490	9	15	44	313	.6	37	14	1116	4.75	1267	5	ND	12	138	.4	304	2	31	.72	.030	42	26	.14	862	.01	8	.73	.01	.15	1	250
RE 035487	6	44	35	470	.4	61	23	898	5.77	3227	5	ND	16	132	.6	368	2	57	.21	.054	54	81	.07	1271	.01	7	.80	.01	.13	1	740
035491	10	19	32	417	.5	47	15	995	4.57	969	5	ND	13	106	.4	389	2	34	.55	.040	44	29	.10	927	.01	8	.72	.01	.14	1	240
035492	10	20	43	442	1.3	59	17	1109	4.32	1086	5	ND	11	78	2.1	768	2	40	.15	.030	39	35	.06	749	.01	9	.70	.01	.12	1	460
035493	8	17	34	452	.6	61	16	1004	4.28	817	5	ND	9	182	1.9	876	2	44	.61	.023	32	32	.24	88	.01	7	.71	.01	.10	1	250
035494	16	16	16	380	1.5	57	11	532	2.30	526	5	ND	5	195	3.5	865	2	78	.44	.018	17	49	.16	425	.01	4	.53	.01	.06	1	280
035495	12	42	25	467	1.7	60	9	611	3.17	1626	5	ND	6	294	3.2	300	2	93	1.50	.097	16	50	.55	33	.01	9	.73	.01	.13	1	490
035496	8	40	26	324	1.4	42	9	485	2.74	387	5	ND	5	397	4.0	69	2	105	1.81	.152	14	54	.67	29	.01	13	.75	.01	.14	1	108
035497	20	96	12	324	2.7	43	7	96	.77	87	5	ND	2	617	10.8	68	2	428	1.17	.565	13	159	.07	3970	.01	21	.84	.01	.17	1	70
035498	27	106	22	1078	1.9	115	12	253	2.75	124	5	ND	7	396	10.9	100	2	203	.85	.287	28	122	.31	298	.01	26	1.11	.01	.29	1	66
035499	27	164	9	1189	4.5	125	5	172	1.24	47	12	ND	3	350	18.3	59	2	572	2.35	.706	20	193	.23	524	.01	29	.78	.01	.25	1	24
STANDARD C/AU-R	19	58	39	128	7.4	72	34	1055	3.87	38	16	7	39	52	18.5	15	18	56	.47	.086	39	57	.89	170	.08	32	1.87	.06	.15	11	490

CP2 91-643 BCRC

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery BCRC 91-638 to 644

Noranda Exploration Co. Ltd. PROJECT 9110-029 330 File # 91-5160 Page 1

1050 Davie St., Vancouver BC V6E 1M4

CANADIAN BCRC 91-644

CON. BCRC 91-638

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
032701	7	22	33	154	.7	23	15	655	3.51	3111	5	ND	16	108	2.0	788	2	37	.67	.065	49	12	.04	1593	.01	11	.55	.01	.13	1	430
032702	4	17	29	146	.4	17	11	723	3.28	1294	5	ND	14	158	.4	231	2	39	2.88	.081	48	19	.17	978	.01	10	.67	.01	.14	1	150
032703	4	16	27	127	.3	16	11	744	3.22	595	5	ND	14	217	.2	186	2	39	3.01	.098	52	25	.41	428	.01	15	.69	.01	.20	1	57
032704	4	21	31	172	.8	19	12	955	3.75	1641	5	ND	14	128	.3	4666	2	38	1.04	.082	53	18	.11	694	.01	13	.74	.01	.16	1	520
032705	5	22	31	190	.5	24	13	1111	3.56	927	5	ND	14	93	.5	2443	2	47	1.43	.098	52	29	.07	676	.01	15	1.12	.01	.21	1	250
032706	14	13	26	148	1.7	22	22	842	3.46	2173	5	ND	11	173	.5	1842	2	29	.20	.030	40	86	.03	895	.01	10	.79	.01	.17	1	1640
032707	3	33	29	205	3.4	14	13	346	3.38	6189	6	5	5	210	1.7	24890	2	36	.29	.040	44	14	.02	662	.01	7	.59	.01	.14	1	4750
032708	4	19	26	267	.8	29	13	738	3.64	2331	5	ND	15	84	.5	3425	2	36	.49	.093	57	12	.04	491	.01	14	.77	.01	.17	1	560
032709	4	18	33	265	.5	34	14	688	3.55	2608	5	ND	14	74	1.1	1091	2	34	.75	.101	56	11	.05	672	.01	11	.83	.01	.20	1	570
032710	4	22	34	367	.8	45	16	794	3.58	2375	5	ND	12	60	2.0	2640	2	28	.34	.103	53	1	.04	1601	.01	12	.87	.01	.21	1	310
032711	5	38	43	542	1.0	77	23	1028	4.58	3587	5	4	11	105	3.5	1620	2	39	.19	.063	49	5	.04	2211	.01	9	.75	.01	.18	1	2090
032712	7	43	31	458	1.3	70	23	1067	4.38	3894	5	3	10	126	3.9	3506	2	57	.24	.080	48	26	.05	1556	.01	9	.80	.01	.18	1	1620
032713	12	23	28	407	1.0	51	19	1265	4.00	2389	8	ND	9	86	1.7	4665	2	41	.14	.039	42	17	.04	941	.01	9	.58	.01	.13	1	1050
032714	7	31	34	455	1.5	37	13	866	3.15	3449	5	ND	4	136	3.5	20324	2	38	.26	.028	35	17	.03	853	.01	8	.61	.01	.14	1	2090
032715	5	46	9	324	2.4	25	11	454	2.43	829	5	2	1	121	10.5	41126	19	50	.29	.020	16	36	.03	92	.01	9	.69	.01	.12	1	1940
032716	9	75	2	270	2.0	33	10	208	1.62	494	6	ND	1	269	15.4	37553	25	91	.21	.060	8	53	.02	69	.01	6	.52	.01	.06	1	900
032717	6	29	34	652	.7	79	19	1583	3.99	3283	5	ND	9	123	3.5	2505	2	51	.34	.131	39	11	.04	875	.01	9	.80	.01	.16	1	960
032718	13	74	20	494	2.2	81	14	675	2.46	1751	6	ND	5	714	5.5	200	2	179	.90	.658	25	32	.05	2561	.01	13	1.19	.01	.16	1	570
032719	21	88	8	418	3.3	61	4	89	1.32	229	5	ND	2	542	4.9	232	2	333	1.92	1.305	18	105	.06	1786	.01	20	.78	.01	.18	1	89
032720	19	58	15	187	2.2	25	2	61	.75	139	5	ND	2	564	2.2	170	2	307	1.02	.582	13	79	.05	1198	.01	22	.62	.01	.21	1	64
032721	7	28	28	261	.6	27	10	558	3.02	82	5	ND	7	343	1.3	94	2	75	2.22	.150	27	34	.81	749	.01	15	.74	.01	.19	1	47
035361	6	28	35	141	1.1	13	4	100	2.76	6246	6	2	12	71	4.4	477	2	26	.13	.042	39	12	.03	1332	.01	5	.50	.01	.13	1	3180
035362	6	37	70	194	.9	17	5	119	3.41	4961	6	ND	12	78	6.8	929	2	33	.11	.059	46	9	.03	1286	.01	7	.62	.01	.16	1	2270
035363	6	51	49	198	1.7	31	6	127	3.02	7563	6	3	12	104	6.4	968	2	32	.12	.063	43	12	.03	1283	.01	6	.69	.01	.15	1	3700
035364	6	95	57	285	.7	47	14	217	3.06	2884	7	ND	13	110	9.7	2213	2	41	.11	.069	49	12	.02	926	.01	6	.74	.01	.14	1	1340
035365	6	99	37	251	.9	39	15	515	2.50	2635	7	ND	13	95	12.1	895	2	35	.11	.064	48	14	.03	916	.01	13	.76	.01	.17	1	800
035365(D)	6	100	34	255	.9	40	15	542	2.56	2753	8	ND	13	95	12.4	893	2	35	.11	.065	47	9	.03	920	.01	12	.73	.01	.16	1	840
035366	6	86	18	184	1.3	24	15	195	1.84	1934	7	3	10	80	10.2	856	2	41	.08	.051	34	27	.03	736	.01	11	.63	.01	.12	1	1090
035367	7	35	23	131	1.4	14	6	98	1.47	2085	5	ND	9	69	4.8	380	2	31	.05	.043	33	34	.02	1032	.01	7	.52	.01	.09	1	780
035368	11	79	21	201	2.3	36	8	76	1.74	762	5	ND	4	239	6.5	862	2	117	.09	.127	12	30	.02	2581	.01	5	.69	.01	.10	1	570
035369	9	59	30	244	2.7	44	7	64	1.80	277	5	ND	5	206	4.0	260	2	90	.09	.153	21	18	.03	2848	.01	7	.89	.01	.13	1	100
RE 035365(D)	6	99	35	249	.9	39	15	528	2.49	2697	8	ND	13	94	11.7	864	2	35	.11	.064	44	9	.03	921	.01	11	.71	.01	.16	1	850
035370	10	83	14	268	2.2	38	9	104	1.64	216	5	ND	4	188	3.2	190	2	116	.12	.156	14	37	.04	2859	.01	12	.69	.01	.17	1	102
035371	12	24	30	290	.6	33	8	170	2.28	152	5	ND	7	68	2.0	130	2	48	.07	.078	25	19	.03	962	.01	14	.73	.01	.17	1	35
035372	9	37	30	339	3.4	52	10	335	2.22	189	5	ND	6	85	2.8	133	2	40	.10	.083	20	12	.04	865	.01	12	.61	.01	.15	1	74
035373	8	50	16	387	.7	82	11	736	2.04	208	5	ND	5	212	3.2	109	2	38	.24	.176	25	11	.04	1060	.01	13	.94	.01	.20	1	44
035374	11	78	30	450	1.5	67	10	360	2.81	231	5	ND	5	257	5.0	89	2	96	.24	.243	29	26	.08	3261	.01	18	1.24	.01	.29	1	47
STANDARD C/AU-R	20	64	43	133	6.7	72	33	1066	4.05	43	16	8	36	53	19.0	20	21	60	.49	.092	35	59	.87	167	.09	34	1.90	.06	.15	11	480

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 21 1991 DATE REPORT MAILED: Oct 24/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE Bewsay RC91-635,636,637,645,646

Noranda Exploration Co. Ltd. PROJECT 9110-034 330 File # 91-5195 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
32722	11	65	27	359	1.4	53	10	458	2.38	302	5	ND	6	251	6.0	672	2	242	.87	.528	30	37	.14	2934	.02	12	1.13	.01	.13	1	88
32723	2	196	20	284	27.4	27	6	285	1.48	51	5	ND	1	90	6.5	38986	9	150	.62	.075	5	46	.08	17	.01	9	.64	.01	.13	1	510
32724	4	124	36	239	16.0	21	6	172	1.93	132	5	ND	1	41	2.7	38474	23	69	.16	.023	3	41	.04	14	.01	6	.42	.01	.12	1	280
32725	10	59	33	173	1.4	33	8	107	2.85	1766	5	ND	3	80	2.5	3250	2	51	.06	.027	16	16	.03	1337	.01	9	.60	.01	.18	1	540
32726	3	34	37	428	.9	63	16	911	4.05	2018	5	ND	8	78	7.8	2628	2	48	.22	.044	37	15	.07	1089	.01	5	.84	.01	.17	1	430
32727	4	25	41	481	.6	55	15	1446	3.96	748	5	ND	7	137	3.5	1512	2	56	1.14	.049	35	30	.29	1037	.01	8	1.13	.01	.14	1	48
32728	8	55	47	372	.9	59	11	490	2.83	1175	5	ND	7	100	3.8	1471	2	66	.33	.041	30	31	.13	1507	.01	7	1.16	.01	.19	1	52
32729	6	41	28	82	.4	21	5	98	1.29	223	5	ND	2	84	.3	758	2	42	.12	.015	5	2	.07	1413	.01	11	.58	.01	.18	1	12
32730	5	85	38	143	8.3	21	7	134	1.55	571	5	ND	5	101	3.0	17139	2	82	.09	.022	17	41	.05	378	.01	11	.66	.01	.17	1	860
32731	5	50	74	292	3.3	17	11	714	2.85	157	5	ND	2	140	3.1	38627	30	51	1.70	.027	16	38	.53	99	.01	13	.67	.01	.14	1	115
E 032736	4	9	23	170	.3	18	13	847	3.50	39	5	ND	5	238	.7	282	2	41	2.38	.027	23	26	.88	632	.01	14	.63	.01	.14	1	14
32732	6	11	35	150	.4	16	10	854	3.39	84	5	ND	6	221	.2	2849	2	42	2.65	.029	23	49	.99	848	.01	8	.59	.01	.13	1	31
32733	3	12	34	158	.2	18	11	807	3.57	74	5	ND	5	252	.5	562	2	37	2.80	.029	23	21	.97	928	.01	9	.77	.01	.16	1	22
32734	3	6	35	117	.2	15	11	836	3.77	47	5	ND	6	288	.2	365	2	40	3.46	.043	28	18	1.23	1049	.01	10	.64	.01	.15	1	16
32735	4	7	32	120	.4	13	11	831	3.60	25	5	ND	6	240	.2	266	2	37	2.88	.037	24	27	1.11	873	.01	11	.72	.01	.15	1	11
32736	4	9	25	167	.3	17	13	824	3.48	40	5	ND	5	236	1.5	280	2	40	2.31	.027	22	26	.88	598	.01	13	.61	.01	.15	1	11
32737	4	15	25	174	.3	18	12	769	3.59	37	5	ND	6	285	.8	409	2	38	2.73	.063	31	25	1.11	835	.01	13	.72	.01	.17	1	9
32738	5	25	45	247	.5	28	14	821	4.21	63	5	ND	7	358	1.5	156	2	44	3.79	.073	34	32	1.31	1079	.01	13	.76	.01	.16	1	9
32739	6	67	28	252	.4	54	25	1014	5.88	58	5	ND	11	267	.2	55	2	101	5.03	.126	46	106	1.49	1119	.01	5	.78	.01	.06	1	9
32740	12	53	43	502	1.1	76	16	746	3.44	65	5	ND	7	375	5.9	51	2	123	3.24	.241	34	64	1.03	1353	.01	14	.81	.01	.12	1	6
32741	10	65	36	439	1.6	63	16	765	3.25	436	5	ND	8	209	6.4	285	2	209	.65	.404	38	54	.15	3016	.02	12	1.25	.01	.14	1	220
32742	12	58	32	324	1.2	54	15	723	3.66	231	5	ND	6	143	3.7	312	2	158	.70	.177	30	66	.44	2453	.05	9	1.62	.02	.17	1	96
32743	8	53	26	255	.8	47	15	718	3.69	159	5	ND	5	124	1.9	467	2	120	.85	.125	27	54	.59	1496	.06	6	1.66	.03	.20	1	66
32744	13	46	21	400	.7	47	10	98	2.27	245	5	ND	2	44	1.0	189	2	78	.17	.020	5	15	.08	1069	.01	8	.57	.01	.19	1	9
32745	16	61	28	194	1.0	49	9	117	2.50	444	5	ND	1	82	1.8	79	2	140	.23	.029	6	19	.08	2676	.01	8	.63	.01	.16	1	10
32746	10	59	21	196	.4	47	13	126	2.55	460	5	ND	2	63	1.8	54	2	39	.15	.021	7	6	.07	1729	.01	7	.63	.01	.20	1	7
32747	16	66	67	419	1.7	84	14	236	3.55	2696	5	ND	6	109	17.7	1675	2	62	.16	.030	28	26	.06	1711	.01	10	1.09	.01	.21	1	630
32748	7	46	33	252	1.0	62	12	243	2.37	2588	5	ND	6	236	5.6	677	2	31	.16	.031	24	15	.07	1011	.01	8	.87	.01	.22	1	320
32749	5	41	29	51	1.4	11	3	39	1.42	1596	5	ND	2	198	1.2	5752	2	35	.13	.011	6	15	.08	604	.01	9	.59	.01	.28	1	290
32750	8	46	54	146	3.4	17	6	77	1.28	1258	5	ND	3	83	1.5	14903	2	52	.12	.011	11	30	.07	301	.01	10	.61	.01	.18	1	1210
32751	6	16	35	375	.3	40	14	730	3.60	223	5	ND	5	211	2.8	555	2	39	2.22	.031	24	30	.73	336	.01	10	.73	.01	.14	1	49
32752	5	10	31	208	.2	20	12	749	3.54	89	5	ND	7	264	2.1	347	2	35	2.44	.028	24	28	.87	426	.01	11	.59	.01	.12	1	32
32753	5	9	31	178	.4	19	12	850	3.77	40	5	ND	7	272	1.7	152	2	40	2.71	.041	29	20	1.01	849	.01	13	.67	.01	.15	1	11
32754	4	8	37	139	.3	12	11	812	3.58	43	5	ND	7	274	1.2	88	2	35	2.70	.028	33	24	1.06	711	.01	13	.64	.01	.18	1	11
32755	4	7	25	181	.3	16	12	788	3.81	24	5	ND	8	212	1.6	58	2	40	1.78	.043	34	14	.91	841	.01	7	.62	.01	.17	1	8
32756	4	9	29	123	.5	13	13	866	3.71	13	5	ND	10	261	.6	34	2	42	2.80	.087	42	22	1.20	647	.01	16	.89	.01	.21	1	7
32757	7	16	32	188	.5	21	11	668	3.36	28	5	ND	7	330	1.7	58	2	44	3.14	.126	34	35	1.01	565	.01	14	.74	.01	.18	1	14
STANDARD C/AU-R	20	63	42	132	7.5	72	33	1057	3.94	38	17	8	36	54	17.0	17	21	62	.49	.090	38	60	.89	178	.09	39	1.90	.06	.14	13	510

CON BCRC 91-645

CON BCRC 91-646

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 22 1991 **DATE REPORT MAILED:** Oct 25/91. **SIGNED BY**.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
032758	5	49	24	283	.1	58	22	927	4.17	31	5	ND	19	291	1.4	51	2	88	5.13	.184	54	103	1.27	579	.01	3	.79	.01	.13	1	7
032759	8	37	34	382	.1	55	22	1158	4.67	61	5	ND	16	298	2.2	84	2	74	3.54	.123	46	84	1.14	179	.01	7	.76	.01	.14	1	10
035289	3	84	8	457	16.1	70	9	719	2.57	753	5	ND	1	63	16.7	35912	2	49	.42	.011	15	59	.04	22	.01	9	.80	.01	.10	1	1660
035290	6	32	25	475	3.4	63	10	620	3.18	1644	5	ND	6	53	6.2	15133	2	54	.13	.024	29	49	.02	504	.01	10	.82	.01	.10	1	740
035291	7	45	21	446	4.8	83	14	794	2.91	1704	5	ND	1	46	8.4	26034	2	50	.17	.017	23	63	.04	94	.01	10	1.07	.01	.08	1	1150
035292	4	152	2	488	19.0	75	9	275	2.34	140	5	ND	1	47	7.2	34477	2	57	.12	.014	6	55	.02	14	.01	9	.90	.01	.09	1	350
035293	17	34	16	290	2.5	54	6	160	1.74	213	5	ND	2	119	1.5	5669	2	86	.13	.056	8	58	.03	541	.01	12	.58	.01	.14	1	127
035294	22	24	16	86	1.4	22	3	104	1.33	170	5	ND	3	143	.9	2391	2	104	.12	.064	9	75	.04	650	.01	21	.59	.01	.21	1	38
035295	18	17	14	75	1.4	24	2	83	.76	145	5	ND	2	182	1.4	2007	2	143	.13	.107	7	60	.03	1181	.01	13	.49	.01	.13	1	76
035296	22	12	16	41	2.2	21	2	66	.69	120	5	ND	2	183	.8	1367	2	165	.11	.102	6	72	.03	1325	.01	15	.53	.01	.16	1	104
035297	33	9	16	48	1.5	16	2	70	.67	156	5	ND	2	123	.7	1893	2	116	.04	.150	5	86	.02	1190	.01	11	.35	.01	.10	1	92
035298	31	19	16	95	1.4	27	3	64	1.32	154	5	ND	3	163	.6	1412	2	137	.04	.212	6	78	.03	482	.01	17	.56	.01	.17	1	51
035299	27	28	12	94	1.0	23	3	64	1.53	89	5	ND	2	172	2.0	858	2	117	.20	.195	5	67	.06	208	.01	16	.45	.01	.18	1	29
035300	26	26	15	55	1.2	17	2	48	1.47	99	5	ND	2	169	.9	1011	2	110	.63	.217	4	68	.02	91	.01	14	.31	.01	.16	1	40
035301	21	38	16	185	.7	33	5	135	2.01	62	5	ND	2	176	2.7	476	2	94	2.02	.109	4	51	.44	51	.01	16	.47	.01	.20	1	14
035302	13	54	9	244	.1	37	7	301	2.38	57	5	ND	3	287	3.6	369	2	96	5.16	.084	5	44	1.72	39	.01	21	.84	.02	.31	1	8
035303	21	49	13	228	.2	35	5	256	2.20	93	5	ND	2	263	4.5	766	2	120	3.67	.122	4	62	.97	38	.01	23	.77	.02	.28	1	21
035304	23	27	19	171	.6	24	4	123	1.56	76	5	ND	2	145	2.0	598	2	102	.64	.104	3	47	.08	111	.01	19	.50	.01	.24	1	6
035305	25	23	16	190	.6	23	4	94	1.65	127	5	ND	1	159	3.4	1490	2	85	.40	.093	3	65	.11	89	.01	18	.52	.01	.21	1	28
035306	17	26	18	244	.9	31	5	125	1.60	187	5	ND	1	154	2.3	2857	2	87	.49	.093	4	52	.17	56	.01	18	.55	.01	.20	1	16
035307	20	25	10	425	.4	38	6	204	1.39	89	5	ND	2	217	4.6	930	2	108	1.28	.082	4	106	.66	105	.01	17	.63	.01	.21	1	3
035308	14	44	39	502	.1	95	17	1690	4.96	1825	5	ND	9	70	5.6	4291	2	45	.16	.057	30	43	.06	1181	.01	5	.73	.01	.14	1	260
035309	14	38	54	674	1.3	123	30	1653	5.36	1348	5	ND	10	57	4.7	2642	2	46	.11	.058	29	36	.04	930	.01	6	.66	.01	.11	1	108
035310	16	43	57	724	.1	117	27	719	6.11	1729	5	ND	13	70	6.4	4286	2	51	.10	.088	39	37	.02	829	.01	4	.72	.01	.11	1	131
035311	15	33	49	456	.8	78	14	899	4.36	1425	5	ND	10	72	5.6	4980	2	48	.13	.071	31	67	.04	1149	.01	9	.75	.01	.14	1	390
035312	9	21	42	308	1.9	41	8	225	3.32	1878	5	ND	8	65	3.6	2739	2	52	.10	.049	28	58	.02	984	.01	9	.57	.01	.12	1	720
RE 035308	15	44	38	502	.2	97	17	1710	5.07	1860	5	ND	10	71	5.6	4273	2	45	.16	.059	31	49	.06	1239	.01	7	.74	.01	.14	1	250
035313	7	31	31	226	9.1	34	4	81	2.58	501	5	ND	7	52	6.0	11677	2	78	.09	.067	23	59	.01	648	.01	8	.47	.01	.07	1	790
035314	17	91	17	277	7.0	63	6	94	1.88	217	5	ND	4	665	10.5	11692	3	545	.36	.513	15	135	.04	1838	.01	11	1.09	.01	.11	1	350
035315	16	105	12	249	3.8	62	10	336	1.49	117	5	ND	3	564	4.1	995	3	377	.86	.670	12	132	.03	5201	.01	12	.99	.01	.11	1	84
035316	20	101	6	177	3.1	42	7	186	1.20	109	5	ND	3	538	3.4	392	3	552	.99	.645	12	201	.04	4326	.01	22	.87	.01	.16	1	29
035317	25	97	15	247	5.2	65	27	739	1.52	113	5	ND	3	526	3.8	665	2	488	.38	.460	10	130	.03	5956	.01	11	.89	.01	.11	1	77
035318	22	71	17	245	4.8	50	9	193	1.90	480	5	ND	5	424	3.4	904	2	442	.29	.367	16	214	.04	5066	.01	12	.86	.01	.12	1	640
035319	18	52	12	247	4.4	52	7	64	1.92	256	5	ND	5	464	4.2	283	2	442	1.22	.947	21	282	.06	4584	.01	19	.93	.01	.21	1	250
035320	13	169	9	171	3.8	44	5	67	1.10	65	5	ND	3	599	6.5	119	3	229	2.47	1.548	27	294	.06	3561	.01	19	.96	.01	.20	1	45
035321	40	490	13	525	4.2	94	5	90	1.62	108	8	ND	5	232	17.8	217	2	1121	1.00	.428	28	170	.11	1700	.01	21	.91	.01	.29	1	39
035322	22	227	9	361	4.0	71	3	49	1.21	57	5	ND	3	364	18.1	112	2	691	2.13	1.153	24	254	.10	1763	.01	22	.97	.01	.29	1	19
STANDARD C/AU-R	19	59	40	135	6.9	72	32	1067	4.06	39	18	7	40	52	18.5	20	19	56	.51	.092	39	60	.88	177	.09	35	1.91	.06	.15	11	490

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 2110-025-350 File # 91-5273 Page 1

1/2 gm | 6N HNO3-HCl-H2O | 90 MIN | HOT EXTRACT | ICP

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
032760	5	28	30	145	1.6	23	10	887	3.52	1769	5	ND	14	380	.8	176	2	166	.31	.177	45	44	.08	3633	.01	12	1.13	.01	.14	1	1390
032761	2	18	30	137	.2	15	11	1101	4.04	1583	5	ND	13	121	.2	58	2	48	.20	.052	43	26	.05	2437	.01	9	.82	.01	.10	1	528
032762	2	19	42	192	.1	19	12	849	3.22	419	5	ND	14	150	.2	67	2	61	.09	.068	36	32	.04	1824	.01	4	.90	.01	.03	1	28
032763	2	28	46	212	.2	19	12	865	3.47	504	5	ND	14	150	.2	71	2	69	.07	.067	35	45	.03	3258	.01	5	1.16	.01	.04	1	250
032764	2	30	41	279	1.4	24	14	945	4.19	2662	5	3	16	136	.5	173	3	64	.15	.058	39	41	.05	2226	.01	8	1.01	.01	.10	1	3980
RE 032769	6	58	51	558	1.6	76	10	225	3.28	1545	5	ND	9	371	4.8	152	2	184	.14	.178	35	44	.05	3038	.01	10	1.18	.01	.19	1	1010
032765	1	26	49	224	3.5	19	12	612	4.16	6631	5	13	15	116	.5	316	2	49	.23	.042	42	31	.03	2279	.01	6	.77	.01	.12	2	13260
032766	3	28	72	242	3.5	22	12	771	3.95	4840	5	11	14	121	.9	1300	2	55	.15	.047	40	32	.03	2003	.01	5	1.01	.01	.11	1	11920
032767	4	32	46	266	3.9	32	12	661	4.29	4295	5	6	16	144	1.3	353	2	61	.13	.068	40	38	.03	2667	.01	7	1.20	.01	.11	1	6330
032768	2	33	49	421	3.0	42	13	806	3.91	5378	5	9	11	102	8.6	971	2	45	.15	.059	34	22	.02	1393	.01	4	.42	.01	.07	1	7890
032769	7	52	50	570	1.8	79	11	229	3.31	1617	5	ND	11	385	6.9	169	2	189	.14	.176	35	46	.05	3044	.01	9	1.18	.01	.20	1	810
032770	7	96	30	129	5.7	26	6	128	1.11	589	6	ND	4	920	5.3	64	2	387	1.81	.929	24	126	.08	6682	.01	25	1.57	.01	.23	1	290
032771	11	303	55	158	9.6	31	6	80	.85	278	5	ND	3	1334	4.8	39	2	1347	1.23	.762	24	276	.11	7642	.02	21	1.65	.01	.25	1	172
032772	4	39	40	83	2.6	17	2	51	.76	165	5	ND	1	617	1.4	22	2	273	.23	.172	5	45	.02	1588	.01	7	.44	.01	.05	1	76
032850	6	50	40	259	.2	64	23	259	5.40	683	5	ND	11	239	.2	141	2	32	.10	.087	51	18	.07	2371	.01	7	1.02	.01	.21	1	70
032851	6	53	66	169	1.4	49	20	1194	4.66	1107	5	ND	19	231	.5	5477	2	42	.21	.075	57	44	.09	1602	.01	6	1.02	.01	.22	1	540
032852	5	56	38	162	.6	58	24	1506	4.96	1320	5	ND	25	164	.2	1957	2	51	.26	.099	48	60	.12	2323	.01	7	.81	.01	.17	1	560
032853	3	40	29	176	.1	52	23	888	5.26	277	5	ND	26	57	.2	437	2	86	.47	.162	78	98	1.16	891	.01	5	2.06	.01	.36	1	43
032854	4	43	48	170	.4	41	20	1052	4.95	574	5	ND	25	227	.2	415	2	58	2.24	.064	63	64	.24	1560	.01	6	.91	.01	.14	1	440
032855	4	44	34	169	.5	35	19	1073	4.67	770	5	ND	26	286	.2	749	2	60	2.03	.067	55	62	.40	816	.01	5	.85	.01	.17	1	380
032856	3	41	32	120	.2	31	15	1220	4.04	898	5	ND	21	651	.2	2748	2	45	4.41	.091	46	61	1.41	94	.01	9	1.00	.01	.30	1	280
032857	3	25	28	141	.5	15	12	899	4.30	365	5	ND	14	350	.2	525	2	43	3.33	.104	37	36	1.30	77	.01	10	1.88	.01	.36	1	110
032858	2	25	34	136	.2	13	10	802	4.41	61	5	ND	12	332	.2	103	2	53	3.64	.100	39	30	1.28	108	.01	8	2.28	.02	.28	1	38
032859	4	38	58	120	.5	22	11	745	4.01	67	5	ND	9	311	.2	88	2	41	3.48	.092	28	30	1.[illegible]	44	.01	6	1.43	.01	.[illegible]	1	9
032860	4	30	38	116	.9	18	11	866	4.00	621	5	ND	12	326	.4	288	2	32	3.30	.082	26	27	.16	47	.01	6	1.12	.01	.21	1	78
032861	4	25	36	127	.3	15	12	982	4.67	393	5	ND	13	250	.3	46	2	50	2.88	.054	28	33	1.30	166	.01	6	1.[illegible]	.01	.21	1	49
032862	4	22	29	107	.4	13	10	757	4.03	130	5	ND	14	302	.2	97	2	25	3.69	.093	27	26	1.25	51	.01	10	.10	.01	.30	1	134
032863	7	32	33	178	.4	37	11	615	3.68	812	5	ND	10	344	.9	71	2	39	2.71	.072	24	26	1.01	36	.01	7	.91	.01	.27	1	310
032864	3	21	86	226	.2	18	11	1057	3.80	577	5	ND	16	347	1.0	112	2	60	3.37	.[illegible]	45	36	1.15	49	.01	4	1.32	.01	.17	1	101
032865	3	32	74	192	.4	17	12	988	3.82	415	5	ND	18	342	1.0	206	2	58	3.18	.[illegible]	45	32	1.12	102	.01	4	1.15	.01	.13	1	90
032866	3	27	67	141	.6	14	11	1137	3.85	1548	5	ND	16	255	.5	411	2	56	2.81	.056	32	35	1.10	57	.01	7	1.12	.01	.14	1	290
032867	3	20	127	117	.2	11	9	1462	3.41	824	5	ND	14	361	.5	807	2	75	3.23	.063	25	26	1.23	56	.01	6	.77	.01	.15	1	270
032868	3	22	49	111	.3	13	10	1350	3.37	1041	5	ND	15	354	.5	220	2	37	2.95	.064	29	28	1.13	30	.01	8	.94	.01	.16	1	220
032869	3	25	93	257	.6	12	9	2714	3.68	1[illegible]	5	ND	10	438	1.7	266	2	27	3.55	.064	23	38	1.[illegible]	28	.01	8	.76	.01	.17	1	250
032870	4	20	41	9[illegible]	.3	11	8	1983	3.74	5[illegible]	5	ND	9	384	.2	218	2	31	3.81	.065	22	34	.40	36	.01	7	.67	.01	.10	1	930
032871	3	25	32	92	2.0	11	8	1198	2.70	5352	5	4	11	297	.2	824	2	39	3.18	.062	19	2[illegible]	1.17	31	.01	5	.79	.01	.12	1	3860
032872	9	30	4[illegible]	185	1.3	31	10	1[illegible]	3.47	2[illegible]	5	ND	9	344	.5	374	2	84	3.30	.095	20	57	1.24	35	.01	7	.94	.01	.15	1	1040
032873	26	52	42	459	1.6	75	9	537	2.43	413	5	ND	7	250	1.8	169	2	134	1.84	.208	18	72	.52	28	.01	13	1.03	.01	.21	1	250
STANDARD C/AU-R	20	64	40	130	7.3	68	32	1071	4.02	42	23	7	39	53	18.8	16	19	59	.47	.088	39	57	.87	176	.09	35	1.92	.06	.15	13	450

BCRC-91-647 KOKANEE

BCRC-91-651 KOKANEE

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. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 28 1991 DATE REPORT MAILED: Oct 30/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BOHEMIAN BCRC 91-649

BOHEMIAN BCRC 91-650

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
32809	2	27	18	55	.3	11	4	149	3.61	627	5	ND	14	49	.2	104	2	16	.01	.046	39	16	.20	524	.01	10	1.29	.02	.72	1	1741
32810	3	43	23	52	.6	11	5	65	3.26	1873	5	ND	13	38	.2	106	2	14	.01	.059	34	17	.23	283	.01	9	1.63	.03	.88	1	1916
E 032814	3	148	8	81	.2	67	22	318	3.89	377	5	ND	12	19	.4	87	2	20	.11	.053	23	25	.42	65	.01	9	2.14	.04	.88	1	54
32811	2	102	23	60	1.1	26	8	125	3.69	2112	5	3	14	20	.2	93	2	19	.02	.062	33	25	.22	144	.01	13	1.57	.02	.74	1	3554
32812	2	48	11	55	.3	21	8	127	3.00	642	5	ND	13	31	.2	107	2	14	.02	.041	27	16	.26	173	.01	9	1.70	.03	.82	1	130
32813	3	77	11	76	.3	46	16	254	3.94	386	5	ND	12	24	.2	93	2	19	.06	.049	25	21	.34	77	.01	12	1.93	.04	.89	1	223
32814	2	139	9	81	.2	68	23	320	3.89	372	5	ND	11	18	.4	97	2	20	.11	.052	22	21	.42	60	.01	8	2.15	.04	.93	1	57
32815	2	112	11	82	.2	49	15	311	4.25	674	5	ND	11	31	.3	86	2	24	.09	.054	31	22	.39	85	.01	8	1.94	.04	.92	1	288
32816	2	93	8	99	.2	58	18	285	3.59	292	5	ND	14	34	.8	64	2	24	.09	.053	38	21	.36	324	.01	10	2.01	.03	.85	1	91
32817	4	83	8	102	.2	56	20	195	3.10	268	5	ND	13	27	1.3	88	2	21	.07	.048	34	45	.34	336	.02	9	2.07	.04	.95	1	119
32818	2	92	10	112	.2	48	17	250	3.42	136	5	ND	14	28	1.2	77	2	26	.08	.054	38	33	.27	359	.01	6	1.75	.03	.69	1	55
32819	3	93	8	96	.3	63	18	341	3.54	168	5	ND	14	33	1.6	86	2	22	.14	.059	38	30	.50	190	.01	7	2.00	.03	.74	1	46
32820	7	81	15	93	.2	76	20	468	3.96	82	5	ND	11	62	.8	99	2	23	.26	.045	32	71	.58	62	.01	10	2.00	.03	.84	1	129
32821	3	275	14	80	1.0	69	17	455	3.48	3321	5	ND	7	117	1.8	128	2	19	.46	.032	17	31	.42	25	.01	9	1.70	.02	.61	1	1586
32822	8	103	45	131	.9	24	6	464	2.80	474	5	ND	16	88	1.3	81	6	86	1.17	.136	36	44	1.20	344	.10	10	2.11	.10	.46	1	340
32823	8	96	45	154	1.3	30	8	509	3.15	540	5	ND	17	111	1.4	344	6	89	1.37	.127	41	50	1.21	713	.10	11	2.20	.07	.53	1	865
32824	14	104	36	138	.6	35	10	657	3.69	237	5	ND	15	117	.9	44	5	111	2.49	.167	46	61	1.54	428	.15	6	2.23	.06	.64	1	134
32825	12	90	24	94	.6	21	7	354	3.03	180	5	ND	16	98	.7	13	3	90	1.41	.137	42	64	1.27	308	.18	6	2.00	.11	.56	1	77
32826	8	84	20	74	.4	16	8	352	3.07	87	5	ND	16	109	.5	4	2	81	1.35	.100	40	55	1.32	468	.22	4	2.05	.10	.58	1	68
32827	10	89	20	113	.5	16	8	370	3.17	98	5	ND	17	116	1.1	14	2	81	1.43	.099	40	66	1.35	571	.19	6	2.12	.10	.64	1	71
32828	8	89	15	55	.3	27	10	172	3.17	86	5	ND	17	29	.2	8	2	43	.21	.042	46	42	.88	613	.03	10	2.31	.04	.79	1	205
32829	10	94	27	63	.2	43	13	172	3.11	82	5	ND	17	24	.2	11	2	38	.17	.037	41	37	.92	454	.01	9	2.17	.03	.59	1	117
32830	9	106	60	76	.3	37	10	185	2.98	58	5	ND	16	12	.3	6	2	36	.14	.037	43	37	.91	388	.01	11	2.27	.03	.75	1	119
32831	8	75	33	65	.3	61	13	184	2.65	28	5	ND	16	11	.2	5	2	28	.17	.036	41	37	.74	221	.01	11	1.86	.03	.63	1	75
32832	12	63	35	37	.3	29	7	107	2.52	91	5	ND	16	20	.2	42	2	22	.12	.031	44	32	.54	366	.01	9	1.64	.02	.49	1	79
32833	11	71	43	46	.4	32	9	82	2.60	78	5	ND	17	18	.2	14	2	23	.09	.033	45	28	.52	377	.01	10	1.74	.02	.57	1	31
32834	11	72	27	52	.6	40	10	102	2.58	146	5	ND	18	29	.4	18	2	22	.13	.033	48	21	.41	536	.01	11	1.65	.03	.59	1	158
32835	16	106	24	118	.5	65	21	3916	3.53	739	5	ND	17	35	1.1	33	2	29	.33	.047	40	37	.45	630	.01	11	1.67	.02	.42	1	103
32836	11	90	15	85	.4	53	29	3739	3.69	794	5	ND	16	59	.3	40	2	28	.22	.027	45	30	.36	664	.01	9	1.41	.02	.54	1	45
32837	6	69	15	104	.5	63	14	323	3.73	529	5	ND	16	61	.2	66	2	19	.17	.028	48	29	.30	534	.01	11	1.54	.02	.52	1	82
032838	5	60	13	69	.3	33	9	158	3.50	346	5	ND	16	50	.2	40	2	20	.13	.033	47	38	.21	623	.01	11	1.28	.02	.66	1	59
032839	7	73	32	114	.7	30	15	102	4.34	1556	5	ND	15	175	.2	43	2	26	.17	.060	43	28	.17	254	.01	10	1.20	.02	.52	1	350
032840	5	51	13	82	.4	30	11	146	4.07	331	5	ND	16	56	.2	47	2	33	.11	.049	42	33	.26	605	.01	9	1.73	.02	.62	1	102
032841	6	65	6	57	.2	27	12	266	3.45	106	5	ND	15	36	.3	35	2	40	.06	.043	46	40	.69	453	.03	8	2.13	.02	.63	1	40
032842	9	54	15	70	.3	25	12	197	3.23	127	5	ND	13	36	.3	38	2	27	.02	.041	40	38	.47	454	.01	9	1.59	.02	.66	1	22
032843	4	65	9	77	.3	40	20	346	3.41	142	5	ND	14	32	.2	59	2	37	.06	.057	47	43	.65	469	.02	8	1.86	.02	.58	1	16
032844	4	91	14	126	.3	57	26	722	4.38	185	5	ND	16	57	.8	69	2	61	.37	.094	52	59	.95	517	.08	7	1.91	.02	.52	1	34
STANDARD C/AU-R	20	59	38	133	7.4	70	31	1070	4.05	41	18	6	39	53	18.6	17	18	58	.48	.090	39	58	.88	177	.09	34	1.90	.06	.15	13	464

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
032845	4	63	9	58	.1	33	16	269	2.57	98	5	ND	13	30	.3	36	2	34	.13	.041	38	30	.37	438	.03	4	1.23	.01	.53	1	17
032846	6	89	7	60	.1	37	23	596	3.12	135	5	ND	12	31	.2	82	2	39	.14	.054	40	20	.47	753	.06	5	1.64	.01	.69	1	62
032847	5	76	14	85	.1	30	18	415	3.35	189	5	ND	13	38	.5	99	2	42	.21	.063	38	23	.50	517	.04	5	1.67	.02	.56	1	57
032848	6	56	11	71	.1	25	12	218	2.97	153	5	ND	12	32	.2	107	2	52	.20	.053	37	26	.60	463	.09	5	1.74	.01	.89	1	35
032849	6	58	3	49	.1	29	15	130	2.49	253	5	ND	13	33	1.1	197	2	36	.10	.033	42	29	.20	404	.01	3	1.18	.02	.55	1	36
RE 032849	6	57	3	47	.1	28	14	126	2.43	251	5	ND	14	33	1.1	193	2	36	.09	.032	41	27	.19	397	.01	5	1.17	.02	.54	1	43
STANDARD C/AU-R	18	57	38	128	7.0	68	33	934	3.95	38	17	6	35	52	17.0	16	19	59	.46	.081	39	56	.85	171	.08	34	1.89	.06	.14	13	490

BOHEMIAN BORE 91-650

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

TOTAL P.008

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9110-039 330 File # 91-5271 Page 1

1050 Davie St., Vancouver BC V6E 1M4

BCRC-91-647 KOKANEE

BCRC-91-651 KOKANEE

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
032760	5	28	30	[illegible]	1.4	23	10	887	[illegible]	1749	5	ND	14	380	.8	176	2	166	.31	.177	45	44	.08	3633	.01	12	1.13	.01	.14	1	1390
032761	2	18	[illegible]	137	.7	15	11	[illegible]	4.04	1583	5	ND	13	121	.2	58	[illegible]	48	.20	.052	43	26	[illegible]	2437	.01	9	.82	.01	.10	1	520
032762	2	19	[illegible]	192	.1	19	[illegible]	849	3.22	419	5	ND	14	150	.2	[illegible]	2	61	.09	.068	36	[illegible]	.04	1824	.01	4	.90	.01	.03	1	[illegible]
032763	2	[illegible]	46	212	.2	19	12	865	3.47	504	5	ND	14	150	[illegible]	71	2	69	.07	.067	[illegible]	45	.03	3258	.01	5	1.16	.01	.06	1	250
032764	2	30	41	279	1.4	[illegible]	14	945	4.19	2682	5	3	16	13[illegible]	[illegible]	173	3	64	.15	[illegible]	39	41	.05	2226	.01	8	1.01	.01	[illegible]	1	3980
RE 032769	6	58	51	558	[illegible]	76	10	225	3.28	1343	5	ND	[illegible]	371	4.8	152	2	[illegible]	.14	.178	35	44	.05	3038	.01	10	[illegible]	.01	.19	1	1010
032765	1	26	49	23[illegible]	3.5	19	12	612	4.16	6631	5	[illegible]	15	116	.5	316	[illegible]	49	.23	.042	42	31	.03	2279	.01	6	.77	.01	.12	2	13260
032766	3	28	72	[illegible]42	3.5	22	12	771	3.95	4840	[illegible]	11	14	121	.9	1300	2	55	.15	.047	40	32	.03	2003	.01	5	1.01	.01	.11	1	11920
032767	4	32	[illegible]	266	3.9	32	12	661	4.29	[illegible]	5	6	16	144	1.3	[illegible]	2	61	.13	.068	40	38	.03	2467	.01	7	1.20	.01	.11	1	6330
032768	2	33	[illegible]9	421	3.0	42	13	806	3.9[illegible]	[illegible]	5	9	11	102	[illegible]	971	2	45	.15	.059	34	22	[illegible]	1393	.01	4	.42	.01	.07	1	7890
[illegible]69	7	[illegible]2	50	570	1.6	79	11	[illegible]	3.31	1617	5	ND	11	[illegible]	4.9	169	2	189	.14	[illegible]	[illegible]	[illegible]6	.05	3044	.01	9	1.18	.01	.20	1	810
032770	[illegible]	96	30	129	5.7	26	[illegible]	[illegible]28	1.11	589	6	[illegible]	[illegible]	920	5.3	64	2	387	1.81	.928	24	126	.08	6682	.01	25	1.57	.01	.23	1	290
032771	[illegible]1	303	55	158	9.6	3[illegible]	6	80	.85	278	5	ND	[illegible]	1334	6.8	39	2	1347	1.23	.762	24	276	.11	7642	.02	21	1.65	.01	.25	1	172
032772	4	39	40	83	2.6	17	2	51	.76	165	5	ND	1	417	1.4	22	2	273	.23	.177	5	45	.02	1580	.01	7	.44	.01	.05	1	76
032850	6	50	40	259	.2	64	23	259	5.40	683	5	ND	11	239	.2	141	2	32	.10	.087	51	18	.07	2371	.01	7	1.02	.01	.21	1	70
032851	6	53	66	179	1.4	49	20	1194	4.66	1107	5	ND	19	231	.5	5477	2	42	.21	.075	57	44	.09	1602	.01	6	1.02	.01	.22	1	540
032852	5	56	38	162	.6	50	24	1506	4.96	1320	5	ND	25	164	.2	1957	2	51	.26	.099	66	60	.12	2323	.01	7	.81	.01	.17	1	560
032853	3	40	29	176	.1	52	23	888	5.26	277	5	ND	26	57	.2	437	2	86	.47	.125	78	98	1.16	891	.07	5	2.04	.01	.36	1	43
032854	4	43	48	170	.6	41	20	1052	4.95	574	5	ND	25	227	.2	415	2	58	2.24	.084	63	64	.24	1560	.01	6	.91	.01	.14	1	440
032855	4	44	34	169	.3	35	19	1073	4.67	770	5	ND	26	286	.2	749	2	60	2.83	.087	55	62	.40	816	.01	6	.85	.01	.17	1	380
032856	4	41	32	120	.7	31	15	1220	4.04	898	5	ND	21	651	.2	2748	2	45	4.41	.091	46	61	1.41	94	.01	9	1.00	.01	.30	1	280
032857	3	25	28	141	.3	15	12	899	4.30	352	5	ND	14	350	.2	525	2	43	3.33	.104	37	36	1.30	78	.01	10	1.88	.01	.36	1	110
032858	2	25	34	136	.2	13	10	802	4.41	81	5	ND	12	332	.2	102	2	53	3.64	.100	39	30	1.28	188	.01	8	2.28	.02	.28	1	38
032859	4	38	50	120	.5	22	11	745	4.03	67	5	ND	9	311	.2	48	2	41	3.48	.092	28	30	1.14	44	.01	6	1.43	.01	.30	1	9
032860	4	30	38	116	.9	18	11	866	4.00	421	5	ND	12	326	.2	288	2	32	3.30	.082	26	27	1.16	47	.01	6	1.12	.01	.21	1	78
032861	4	23	36	127	.3	15	12	962	4.67	193	5	ND	13	258	.2	46	2	50	2.88	.054	28	33	1.30	166	.01	6	1.19	.01	.21	1	49
032862	4	22	29	107	.4	13	10	757	4.03	130	5	ND	14	402	.2	97	2	25	3.69	.094	27	26	1.25	51	.01	10	1.10	.01	.30	1	134
032863	7	32	33	178	.6	37	11	615	3.68	812	5	ND	10	344	.9	71	2	39	2.71	.076	24	26	1.01	36	.01	7	.91	.01	.27	1	310
032864	3	21	86	226	.7	18	11	1057	3.80	377	5	ND	18	347	1.0	112	2	60	3.37	.101	45	36	1.15	49	.01	4	1.32	.01	.17	1	101
032865	3	32	74	192	.6	17	12	988	3.82	415	5	ND	18	342	1.0	206	2	58	3.18	.085	45	32	1.12	102	.01	4	1.15	.01	.13	1	90
032866	3	27	67	141	.6	14	11	1137	3.85	1540	5	ND	16	255	.5	411	2	54	2.81	.056	32	35	1.10	58	.01	7	1.12	.01	.14	1	290
032867	3	20	127	117	2.1	11	9	1462	3.41	924	5	ND	14	361	.5	807	2	35	3.23	.053	25	26	1.23	36	.01	6	.77	.01	.15	1	270
032868	3	22	49	111	.9	13	10	1350	3.37	1045	5	ND	15	354	.7	220	2	37	2.95	.064	29	28	1.13	30	.01	8	.94	.01	.16	1	220
032869	3	25	93	257	1.6	12	9	2714	3.68	621	5	ND	10	438	.7	266	2	27	3.55	.094	23	38	1.45	28	.01	8	.76	.01	.17	1	250
032870	4	20	41	90	1.3	11	8	1983	3.74	2158	5	ND	9	384	.3	218	2	31	3.81	.065	22	34	1.40	36	.01	7	.67	.01	.10	1	930
032871	3	25	32	92	2.0	11	8	1198	3.70	5352	5	4	11	297	.2	824	2	39	3.18	.043	19	33	1.17	31	.01	5	.79	.01	.12	1	3860
032872	9	30	40	185	1.3	31	10	1127	3.47	2194	5	ND	9	344	1.2	374	2	84	3.30	.095	20	37	1.24	35	.01	7	.94	.01	.15	1	1040
032873	26	52	32	459	1.6	75	9	437	2.43	613	5	ND	7	250	5.8	169	2	136	1.84	.208	18	72	.52	28	.01	13	1.03	.01	.21	1	250
STANDARD C/AU-R	20	64	40	130	7.3	68	32	1071	4.02	42	23	7	39	53	18.8	16	19	59	.47	.082	39	57	.87	176	.09	35	1.92	.06	.15	13	450

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 28 1991 DATE REPORT MAILED: Oct 30/91 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
055751	4	32	36	148	.9	34	15	741	3.80	124	5	ND	24	59	1.3	75	2	58	.72	.109	56	61	.41	1978	.10	7	1.09	.02	.44	1	54
055752	3	37	40	151	.7	30	15	699	4.04	101	5	ND	25	94	1.5	57	2	78	1.26	.109	53	73	.57	1473	.11	2	1.22	.02	.46	1	15
055753	4	32	21	121	.4	29	14	661	3.79	108	5	ND	23	158	.9	50	2	65	2.12	.102	50	74	.88	835	.11	3	1.37	.02	.46	1	13
055754	3	32	31	132	1.0	27	14	608	3.82	75	5	ND	23	136	1.3	46	2	87	1.78	.109	58	94	1.44	893	.20	3	2.01	.04	.73	1	49
055755	4	29	42	178	.6	26	14	720	4.20	383	5	ND	18	184	1.4	116	2	42	2.04	.103	47	48	.68	634	.05	4	.94	.02	.38	1	57
055756	3	12	64	283	.8	13	12	1095	4.51	315	5	ND	10	162	1.7	68	2	15	1.81	.091	23	17	.32	154	.01	3	.67	.01	.24	1	43
055757	3	18	91	163	.6	11	12	831	3.82	406	5	ND	13	134	.8	64	2	20	1.86	.100	33	20	.32	294	.01	7	.83	.02	.28	1	10
055758	4	22	56	125	.5	16	12	741	3.89	163	5	ND	13	174	.8	58	2	27	1.98	.104	30	34	.52	219	.01	5	.85	.01	.27	1	16
055759	4	48	49	126	1.1	19	11	658	3.64	2446	5	ND	10	181	.6	53	2	14	1.88	.086	20	14	.49	146	.01	9	.71	.01	.26	1	660
055760	4	26	46	116	.7	22	12	704	3.88	1365	5	ND	9	203	.6	52	2	15	1.96	.070	16	13	.51	138	.01	5	.68	.01	.21	1	270
RE 055764	5	17	37	128	2.3	8	8	948	2.95	10416	5	10	7	203	.9	551	2	22	2.12	.033	16	51	.76	100	.01	6	.55	.01	.09	1	10620
055761	6	26	45	183	.8	24	10	699	3.44	1621	5	ND	7	220	1.2	51	2	21	2.10	.069	15	24	.67	107	.01	5	.65	.01	.19	1	410
055762	3	13	49	147	.7	16	12	694	3.75	612	5	ND	12	212	.9	63	2	18	2.49	.076	24	12	.46	205	.01	5	.73	.01	.19	1	53
055763	5	13	33	101	1.0	13	9	930	2.87	1703	5	ND	6	363	.8	76	2	20	3.12	.037	13	52	1.04	80	.01	6	.59	.01	.13	1	1170
055764	5	17	40	136	2.4	9	7	987	3.08	10833	5	10	7	209	.6	562	2	23	2.23	.035	16	53	.79	90	.01	5	.56	.01	.09	1	10660
055765	3	16	42	114	1.5	11	10	1340	3.65	4756	5	3	11	194	.5	98	2	41	2.71	.028	17	32	.99	196	.01	5	.57	.01	.09	1	3810
055766	3	15	30	101	.5	11	9	1026	3.18	883	5	ND	15	211	.5	36	2	46	3.14	.072	31	29	1.86	433	.01	6	.72	.01	.09	1	420
055767	3	17	63	155	.8	13	10	1039	3.35	1054	5	ND	13	243	.9	121	2	41	3.07	.074	27	33	1.01	159	.01	6	.81	.01	.16	1	620
055768	4	21	41	145	.6	14	10	795	3.51	728	5	ND	14	183	.5	75	2	55	2.27	.071	33	35	.83	317	.05	6	1.15	.02	.21	1	400
055769	4	16	31	113	.6	12	11	677	3.46	471	5	ND	16	110	.4	33	2	63	1.92	.089	43	43	.81	739	.01	2	1.06	.01	.06	1	260
055770	4	17	32	115	.5	13	12	705	3.50	356	5	ND	16	88	.2	83	2	57	1.97	.101	47	51	.68	560	.01	2	.81	.01	.09	1	210
055771	4	17	31	121	.5	13	12	754	3.75	221	5	ND	19	52	.6	45	2	66	1.17	.117	60	42	.43	797	.01	5	.78	.01	.07	1	38
055772	4	16	40	149	.4	13	11	863	3.71	507	5	ND	17	95	.5	46	2	58	1.72	.102	50	49	.61	517	.01	3	.86	.01	.09	1	210
055773	11	44	38	183	.6	31	6	361	1.78	282	5	ND	6	218	3.4	43	2	219	1.77	.388	24	62	.39	945	.01	10	.78	.01	.11	1	64
055774	10	42	33	255	.3	33	7	470	2.12	227	7	ND	6	260	3.7	41	2	173	3.18	.481	20	71	.74	237	.01	9	.87	.01	.12	1	30
055775	6	18	31	290	.3	32	12	999	3.87	125	5	ND	11	174	.8	239	2	26	1.11	.072	30	30	.36	673	.01	6	.60	.01	.18	1	650
055776	6	17	27	292	.3	40	13	754	3.39	637	5	ND	14	90	.7	112	4	24	.95	.093	34	33	.23	428	.01	4	.69	.01	.19	1	170
055777	5	14	18	199	.1	31	10	573	3.13	132	5	ND	13	103	.4	48	2	61	1.61	.087	31	60	.95	367	.06	2	1.34	.03	.30	1	23
055778	5	17	13	222	.3	33	11	624	3.29	99	5	ND	13	89	.2	63	2	65	1.53	.090	36	60	.91	599	.08	4	1.47	.03	.34	1	9
055779	4	18	13	199	.2	35	13	618	3.07	519	5	ND	13	115	.4	65	2	50	1.82	.090	32	49	.84	384	.02	4	1.46	.01	.27	1	240
055780	4	16	23	222	.3	24	12	791	3.32	451	5	ND	10	260	.5	66	2	29	3.04	.080	22	40	1.11	118	.01	4	.74	.01	.18	1	480
055781	2	11	34	195	.5	13	10	784	3.54	1658	5	ND	9	238	.2	255	2	18	2.96	.038	14	15	1.11	77	.01	2	.61	.01	.14	1	810
055782	3	12	29	146	.3	15	10	829	3.17	812	5	ND	11	175	.6	47	2	35	3.49	.038	17	31	1.32	264	.01	4	.72	.01	.10	1	450
055783	3	14	30	150	.4	19	12	798	3.35	1798	5	ND	13	310	.2	49	2	33	3.06	.067	30	24	1.14	188	.01	5	.62	.01	.11	1	940
055784	4	16	29	169	.3	17	10	750	3.32	150	5	ND	13	354	.3	53	2	36	3.10	.063	31	41	1.18	128	.01	3	.80	.01	.13	1	470
055785	3	14	36	186	.2	17	9	725	3.06	1087	5	ND	10	395	.4	35	2	22	3.61	.046	20	21	1.28	119	.01	3	.62	.01	.14	1	320
055786	3	9	36	174	.1	12	9	766	3.15	779	5	ND	11	355	.2	34	2	25	3.72	.056	21	23	1.29	120	.01	3	.64	.01	.14	1	260
STANDARD C/AU-R	19	59	37	134	6.9	71	33	1056	4.04	45	18	7	39	52	17.7	16	21	55	.49	.093	39	60	.88	177	.09	31	1.91	.06	.15	13	480

BCRC-91-652 KOKANEE

BCRC-91-653 GOLDEN

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
BCRC-91-653 GOLDEN																															
055787	4	7	37	196	.2	16	10	926	4.00	841	5	ND	8	168	.4	31	2	26	3.24	.033	14	31	1.21	70	.01	6	.59	.01	.11	1	83
055788	5	15	32	277	.4	18	11	899	3.78	1675	5	ND	9	222	.5	121	2	27	3.74	.034	18	48	1.29	54	.01	6	.57	.01	.12	1	1460
055789	4	14	27	228	.1	23	11	811	3.25	572	5	ND	11	177	.8	76	2	52	2.86	.058	31	30	1.09	445	.01	3	.67	.01	.07	1	240
055790	3	18	40	177	.3	20	12	672	3.22	212	5	ND	11	244	.7	48	2	37	3.28	.088	29	35	1.11	112	.01	5	.79	.01	.12	1	111
055791	4	16	49	164	.4	20	11	750	3.19	190	5	ND	8	298	1.0	36	2	26	3.23	.039	21	32	1.16	75	.01	7	.54	.01	.11	1	97
055792	3	12	50	148	.5	12	10	737	3.17	318	5	ND	7	428	1.0	64	2	15	3.47	.036	14	23	1.27	64	.01	6	.39	.01	.10	1	220
055793	4	9	39	103	.6	11	9	799	3.19	410	5	ND	6	430	.7	31	2	15	3.38	.028	13	29	1.35	63	.01	5	.46	.01	.11	1	290
055794	6	32	31	135	.1	33	16	618	3.43	22	5	ND	21	109	.5	545	2	61	.52	.090	53	59	.06	810	.01	5	.55	.01	.11	1	95
055795	3	14	64	94	.8	13	10	913	2.96	1974	5	2	12	114	1.1	1407	2	23	.27	.045	44	3	.06	1156	.01	5	.58	.01	.16	1	1270
055796	3	8	68	116	.9	9	8	716	2.61	1852	5	2	10	112	1.4	187	2	13	.12	.036	43	1	.04	980	.01	5	.48	.01	.14	1	1150
055797	3	10	35	90	1.1	10	9	1345	2.65	2302	5	2	8	156	1.0	159	2	18	.68	.099	31	3	.10	1041	.01	4	.45	.01	.09	1	1540
055798	3	14	46	140	.6	13	10	1530	3.56	522	5	ND	12	231	1.2	81	2	65	2.94	.078	40	8	.92	1794	.12	6	1.60	.01	.21	1	320
RE 055802	3	17	41	164	.6	13	11	1033	3.53	571	5	ND	12	204	1.5	152	2	54	2.18	.048	34	26	.59	181	.01	4	.72	.01	.09	1	290
055799	3	15	33	112	.2	12	9	675	3.45	191	5	ND	15	97	.8	74	2	86	1.56	.100	47	11	.97	1946	.17	3	1.88	.02	.36	1	200
055800	2	15	49	122	.2	12	9	653	3.17	466	5	ND	13	86	1.0	84	2	80	1.53	.100	42	19	.91	1301	.19	4	1.57	.03	.37	1	230
BCRC-91-654 (KOKANEE)																															
055801	4	18	50	129	.1	12	11	871	3.44	224	5	ND	15	157	.2	307	2	66	2.31	.072	36	18	.32	1199	.01	4	.71	.01	.04	1	200
055802	3	19	44	159	.4	15	10	1023	3.74	573	5	ND	12	210	.2	163	2	53	2.27	.049	31	28	.59	265	.01	8	.72	.01	.09	1	310
055803	2	18	27	107	.1	12	14	674	3.93	106	5	ND	12	94	.2	60	2	79	1.57	.118	42	1	1.11	10337	.05	4	2.77	.02	.26	1	90
055804	3	21	33	134	.2	14	13	830	4.43	144	5	ND	15	92	.2	46	2	91	1.99	.135	53	1	.98	5308	.08	3	2.63	.02	.36	1	87
055805	3	15	25	98	.1	12	9	621	3.52	82	5	ND	13	94	.2	31	2	87	1.95	.105	40	18	1.08	2107	.20	4	1.93	.03	.35	1	55
055806	4	18	27	115	.1	13	10	616	3.62	63	5	ND	14	105	.2	35	2	88	2.53	.118	41	11	.98	2704	.12	4	2.00	.03	.36	1	39
055807	4	21	58	183	1.5	12	10	691	4.07	546	5	ND	16	93	.4	67	2	74	2.50	.125	57	37	.77	585	.06	5	1.30	.01	.19	1	105
055808	5	19	30	113	.3	13	10	479	3.11	61	5	ND	15	85	.2	40	2	81	1.62	.119	46	31	.84	1529	.13	2	1.52	.02	.18	1	26
055809	5	20	29	131	.3	15	12	583	3.32	209	5	ND	18	85	.2	196	2	79	.70	.106	60	29	.20	1232	.02	4	1.09	.01	.07	1	51
055810	8	22	48	150	.2	15	13	1147	3.82	469	5	ND	16	92	.8	276	2	78	1.02	.103	54	38	.32	1900	.02	4	1.30	.01	.11	1	220
055811	5	16	42	132	.5	12	10	878	3.71	346	5	ND	14	103	.2	135	2	70	2.23	.103	45	31	.65	833	.05	6	1.38	.01	.17	1	240
055812	5	17	33	122	.2	13	11	812	3.53	431	5	ND	16	121	.3	174	2	64	1.74	.097	47	14	.38	1451	.01	4	.88	.01	.09	1	370
055813	15	35	51	364	1.2	44	10	1672	2.96	864	5	ND	7	170	2.8	251	3	88	2.22	.178	22	68	.65	68	.01	8	.76	.01	.12	1	480
055814	6	24	77	165	.4	20	12	1260	3.86	452	5	ND	12	134	.5	251	2	57	2.01	.060	33	43	.63	159	.03	5	.76	.01	.09	1	240
055815	6	22	45	156	.4	25	11	1267	3.46	601	5	ND	13	74	.4	206	2	60	1.60	.095	44	39	.59	136	.02	2	.81	.01	.09	1	520
BCRC-91-655 S. GOLDEN																															
055816	13	47	21	184	.3	47	11	215	4.03	29	5	ND	4	69	1.4	48	2	53	.29	.056	6	22	.60	1014	.01	6	1.81	.01	.20	1	19
055817	7	54	17	291	.1	78	24	351	4.86	61	5	ND	4	58	1.5	28	2	46	.23	.053	5	27	.70	892	.01	6	2.23	.01	.20	1	47
055818	6	55	9	333	.1	82	22	341	4.52	44	5	ND	4	60	1.5	17	2	47	.26	.057	5	28	.69	900	.01	5	2.02	.01	.17	1	19
055819	3	50	18	381	.2	87	34	279	4.27	22	5	ND	4	67	.8	6	2	41	.15	.033	5	28	.52	731	.01	6	1.66	.01	.16	1	19
055820	3	51	15	386	.4	105	33	348	5.15	39	5	ND	4	64	.2	7	2	45	.12	.031	5	31	.63	804	.01	6	1.88	.01	.19	1	17
055821	2	46	9	264	.1	80	25	493	4.66	27	5	ND	4	54	.4	5	2	44	.15	.033	5	33	.90	563	.01	7	1.90	.01	.16	1	28
055822	2	50	13	269	.1	74	27	472	4.13	27	5	ND	4	60	1.8	7	2	45	.20	.035	4	34	.88	139	.01	7	1.75	.01	.17	1	12
STANDARD C/AU-R	21	62	36	131	7.6	72	32	1079	3.91	38	16	7	36	53	19.0	17	23	62	.50	.09%	37	60	.89	179	.09	36	1.90	.06	.13	11	510

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
055823	3	55	23	281	.1	65	23	474	4.12	69	5	ND	4	71	.5	7	3	47	.33	.036	7	34	.89	498	.01	10	1.75	.02	.24	1	16
055824	3	50	23	276	.1	66	23	607	4.55	48	5	ND	4	88	.4	5	2	51	.44	.034	6	39	.99	433	.01	13	1.90	.02	.28	1	15
055825	2	52	13	225	.1	68	23	464	4.38	34	5	ND	4	83	.2	3	2	36	.25	.033	4	30	.91	203	.01	11	1.44	.01	.19	1	4
055826	3	53	23	292	.1	68	23	473	4.21	56	5	ND	3	127	.4	4	2	38	.45	.034	5	30	.89	193	.01	8	1.30	.01	.24	1	14
055827	3	55	21	244	.1	65	21	495	4.50	33	5	ND	3	192	.5	14	2	38	.55	.031	6	26	.99	211	.01	10	.79	.01	.25	1	8
055828	7	50	24	339	.1	69	18	333	4.04	29	5	ND	4	172	1.3	4	2	46	.48	.024	19	37	.84	130	.01	11	.62	.02	.32	1	5
055829	4	56	28	247	.1	49	21	864	5.49	52	5	ND	10	455	.6	15	2	78	3.97	.121	44	49	1.95	334	.02	13	.73	.01	.29	1	5
055830	7	51	31	251	.1	69	19	448	4.61	109	5	ND	6	227	.3	16	3	60	1.67	.041	24	37	1.16	92	.01	13	.76	.02	.36	1	8
055831	6	46	35	262	.1	69	17	249	3.12	38	5	ND	5	189	.2	5	2	41	1.10	.026	20	27	.75	62	.01	15	.72	.02	.40	1	3
RE 055835	6	40	35	184	.1	42	12	521	3.71	275	5	ND	7	314	.2	16	2	28	2.12	.032	22	30	1.04	105	.01	10	.46	.01	.19	1	17
055832	8	41	22	166	.2	52	12	313	3.53	52	5	ND	4	353	.2	8	2	41	2.57	.026	13	31	1.30	65	.01	12	.44	.01	.20	1	12
055833	9	43	23	178	.1	56	12	226	3.13	41	5	ND	5	250	.2	4	2	36	1.48	.024	16	35	.84	66	.01	9	.42	.01	.21	1	5
055834	5	43	38	195	.1	43	15	600	4.86	69	5	ND	10	391	.2	15	2	29	2.62	.052	31	26	1.31	147	.01	11	.49	.01	.27	1	14
055835	6	40	36	185	.2	43	13	522	3.79	275	5	ND	7	322	.2	18	2	30	2.12	.034	23	30	1.06	141	.01	12	.48	.01	.21	1	12
055836	12	39	40	191	.5	62	10	170	2.53	139	5	ND	5	124	.8	28	2	30	.52	.016	18	41	.30	78	.01	9	.36	.01	.19	1	18
055837	8	43	52	167	.9	44	16	304	3.28	2414	5	ND	12	166	.2	192	2	27	.52	.039	25	40	.39	95	.01	11	.62	.01	.33	1	410
055838	8	46	39	227	.5	55	16	422	3.86	1026	5	ND	9	164	.2	61	2	35	.75	.062	22	35	.61	114	.01	11	.66	.01	.28	1	220
055839	7	40	42	177	.4	45	15	574	4.09	864	5	ND	11	135	.2	31	2	29	.48	.012	25	40	.56	104	.01	11	.50	.01	.19	1	28
055840	5	54	50	258	1.1	53	17	456	4.38	262	5	ND	4	65	.2	87	2	43	.25	.053	15	21	.45	1157	.01	8	1.35	.01	.20	1	29
055841	4	62	22	272	.1	68	20	321	4.61	59	5	ND	3	71	.3	39	2	46	.22	.033	4	19	.53	1047	.01	11	1.73	.02	.37	1	22
055842	5	69	22	388	.2	88	23	293	5.51	53	5	ND	4	78	1.5	9	2	50	.21	.055	4	22	.51	979	.01	11	1.87	.02	.39	1	5
055843	5	65	17	279	.1	71	19	237	4.76	27	5	ND	4	71	.2	21	2	49	.19	.035	3	32	.52	1813	.01	11	1.84	.02	.36	1	3
055844	4	62	19	286	.1	78	22	295	4.54	46	5	ND	4	87	.2	12	2	46	.20	.035	6	23	.29	878	.01	13	1.28	.02	.37	1	31
055845	5	61	38	323	1.1	76	23	325	4.82	53	5	ND	4	96	1.2	6	2	46	.14	.033	6	22	.15	1276	.01	11	1.02	.02	.40	1	9
055846	10	65	23	325	.3	78	18	167	3.27	54	5	ND	6	111	3.0	23	2	54	.11	.037	22	1	.08	1741	.01	9	.54	.01	.19	1	6
055847	9	53	36	276	1.4	84	24	207	3.93	82	5	ND	6	100	2.7	5	2	63	.17	.052	21	44	.16	1137	.01	16	1.28	.03	.55	1	46
055848	7	49	51	352	1.2	83	19	138	2.57	62	5	ND	5	91	1.7	6	2	40	.10	.028	15	2	.14	1361	.01	9	.52	.01	.22	1	14
055849	18	64	44	1191	.7	97	22	85	3.35	90	5	ND	7	89	1.1	3	2	50	.11	.056	29	7	.08	1672	.01	10	.63	.02	.23	1	4
055850	5	50	25	515	.1	78	21	224	3.70	48	5	ND	6	78	2.6	2	2	32	.15	.034	27	12	.52	649	.01	8	.44	.01	.19	1	5
055851	7	38	19	253	.1	68	18	264	3.50	62	5	ND	5	76	1.9	2	2	35	.30	.026	18	31	.70	194	.01	8	.39	.01	.17	1	2
055852	6	43	20	262	.2	72	19	331	4.01	34	5	ND	3	244	.2	2	2	37	1.57	.024	13	23	1.20	119	.01	10	.46	.01	.20	1	6
055853	5	42	34	222	.2	53	18	721	4.35	538	5	ND	8	218	.3	75	2	48	2.34	.028	19	40	1.18	220	.01	12	.34	.01	.18	1	92
055854	4	31	57	131	.6	28	14	964	4.15	1858	5	ND	11	404	.3	79	2	32	3.79	.048	21	28	1.44	318	.01	11	.51	.01	.13	1	600
055855	3	21	26	112	.4	18	11	910	3.46	874	5	ND	8	331	.2	43	2	31	3.42	.067	20	21	1.26	215	.01	9	.42	.01	.14	1	350
055856	3	19	20	159	.3	21	12	1112	3.36	1329	5	3	10	306	.2	42	2	44	2.94	.076	29	28	1.19	230	.01	9	.56	.01	.18	1	940
055857	5	22	24	168	.3	24	12	879	3.71	758	5	ND	11	266	.2	52	3	67	2.71	.091	35	43	1.26	326	.05	11	1.32	.01	.41	1	410
055858	5	21	18	147	.2	23	12	765	3.84	442	5	ND	11	256	.2	57	2	78	2.81	.182	37	55	1.37	328	.07	10	1.85	.01	.46	1	150
STANDARD C/AU-R	20	62	38	133	7.5	70	32	1039	3.96	38	16	8	36	52	18.7	16	22	60	.49	.090	39	58	.89	177	.09	39	1.91	.06	.14	11	480

BCRC-91-655 S. GOLDEN

BCRC-91-656 S. GOLDEN

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
055859	1	18	24	129	.4	18	10	801	3.67	307	5	ND	11	199	.2	69	2	83	2.71	.105	38	43	1.42	165	.13	5	2.23	.01	.51	1	390
055860	1	16	33	137	.4	17	10	802	3.65	230	5	ND	11	187	.4	69	2	80	2.91	.098	38	46	1.37	129	.13	6	2.60	.01	.51	1	87
055861	1	18	31	152	.1	20	10	711	3.59	212	5	ND	11	139	.4	111	2	82	2.36	.098	38	42	1.36	357	.13	4	2.73	.02	.51	1	88
055862	1	18	35	155	.6	17	10	678	3.40	244	5	ND	10	110	.5	92	2	87	2.06	.096	34	36	1.33	668	.10	2	2.47	.02	.51	1	370
055863	1	18	27	139	.2	18	9	782	3.67	173	5	ND	10	129	.2	55	2	92	2.74	.099	35	43	1.38	653	.21	4	2.57	.03	.61	1	290
RE 055861	1	18	22	146	.3	18	9	690	3.41	196	5	ND	10	136	.4	104	2	79	2.29	.094	35	39	1.31	406	.10	3	2.58	.01	.49	1	77

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9110-040 332 File # 91-5272 Page 3

650 BAUER ST., VANCOUVER BC V6E 3M4

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
055864	8	22	28	205	.6	32	12	1875	2.91	603	5	ND	9	130	1.6	292	2	90	.12	.076	36	6	.10	2413	.01	12	1.19	.01	.09	1	590
055865	6	24	35	150	.1	32	12	1617	3.68	877	5	ND	11	102	.7	163	2	75	.12	.053	36	1	.05	3219	.01	8	.93	.01	.08	1	250
055866	4	18	49	152	.1	23	12	1021	2.93	654	5	ND	14	94	.6	158	2	56	.12	.046	38	1	.04	2528	.01	11	.88	.01	.09	1	200
055867	3	18	39	133	.6	21	12	762	3.06	1017	5	ND	14	102	.5	193	2	45	.80	.068	45	1	.06	2677	.01	9	.81	.01	.10	1	550
055868	3	19	29	168	.5	28	10	770	3.27	1316	5	ND	15	80	.5	350	2	43	.28	.089	50	4	.06	1658	.01	10	.89	.01	.13	1	740
055869	3	15	28	121	.6	17	10	876	3.13	1479	5	3	15	90	.2	146	2	32	.10	.045	48	1	.04	1895	.01	11	.82	.01	.14	1	1040
055870	3	16	27	148	1.2	23	11	1515	4.41	2698	5	3	13	82	.2	291	2	39	.13	.045	45	1	.05	1856	.01	10	.79	.01	.16	1	3290
055871	3	19	26	272	1.0	39	13	1793	4.99	2610	5	2	14	72	.2	595	2	57	.22	.086	53	1	.05	2463	.01	9	.77	.01	.12	1	2980
055872	3	18	25	463	.5	61	12	601	4.09	1373	5	3	14	42	.2	450	2	77	.41	.097	47	17	.56	1548	.10	18	2.15	.01	.42	1	810
055873	5	18	29	545	.6	61	14	846	3.90	2073	5	3	15	74	.2	731	2	64	.24	.082	49	7	.21	1829	.05	7	1.24	.01	.21	1	2660
055874	6	20	21	411	1.4	38	11	606	3.28	2329	5	6	13	106	.6	536	2	67	.13	.065	37	1	.07	2853	.01	8	1.40	.01	.19	1	8110
055875	9	27	21	217	.9	28	5	138	1.46	681	5	ND	7	114	1.5	124	2	81	.05	.041	32	1	.05	2129	.01	11	.92	.01	.21	1	840
055876	8	53	15	57	1.7	11	4	117	.59	266	5	ND	4	318	1.6	63	2	579	.09	.215	16	1	.06	5386	.01	23	1.01	.01	.19	1	370
055877	19	56	22	58	1.4	12	4	138	.89	288	5	ND	3	323	1.8	69	2	535	.08	.175	19	1	.06	4796	.01	16	.98	.01	.16	2	330
055878	16	54	62	342	.5	35	6	97	3.23	538	5	ND	9	117	2.8	42	2	91	.08	.075	38	1	.08	2313	.01	20	1.09	.01	.32	1	200
055879	19	60	29	343	.2	67	14	112	4.58	231	5	ND	7	93	1.6	32	3	53	.10	.048	36	1	.10	2494	.01	23	1.19	.01	.40	1	88
055880	14	62	19	290	.3	96	22	336	3.63	153	5	ND	7	104	6.7	19	2	48	.10	.052	36	1	.10	5124	.01	21	1.35	.01	.44	1	74
055881	12	48	17	201	.2	72	17	451	3.56	97	5	ND	6	234	1.4	24	2	49	6.01	.040	31	1	.15	2502	.01	29	1.31	.01	.41	2	78
055882	12	44	24	156	.2	62	15	381	3.49	58	5	ND	5	322	.6	19	2	43	8.47	.036	29	1	.16	2756	.01	31	1.17	.01	.37	2	34
055883	5	33	38	205	.2	44	14	830	3.86	211	5	ND	17	108	1.7	30	2	61	.47	.092	50	41	.42	1425	.05	5	1.23	.01	.31	1	134
055884	5	33	32	166	.1	37	14	1075	3.61	181	5	ND	20	110	1.0	29	2	55	.12	.057	49	42	.09	1363	.01	5	.88	.01	.12	1	71
055885	4	36	39	149	.1	39	16	1242	4.04	283	5	ND	23	114	.6	40	3	54	.17	.057	62	28	.05	1555	.01	5	.86	.01	.19	1	58
055886	4	35	39	160	.1	40	17	1127	4.02	248	5	ND	24	138	.4	170	2	54	.45	.082	68	29	.06	1897	.01	4	.83	.01	.14	1	12
055887	5	33	35	128	.1	32	15	1075	3.89	135	5	ND	21	130	.2	89	2	78	.15	.059	52	50	.07	1610	.01	7	1.38	.01	.12	1	33
055888	3	31	35	136	.1	33	14	1047	3.88	163	5	ND	19	123	.2	51	2	56	1.07	.049	52	24	.09	1511	.01	6	.82	.01	.12	1	32
055889	9	61	30	226	1.3	47	9	527	2.02	270	5	ND	7	467	2.4	53	2	242	1.50	1.305	33	6	.08	4819	.01	20	1.39	.01	.24	1	58
055890	14	71	22	166	.5	39	4	156	.91	119	5	ND	3	300	3.7	27	2	733	.88	.561	16	49	.08	2645	.01	19	.89	.01	.28	1	55
055891	25	65	29	100	.7	20	3	99	.64	64	5	ND	3	230	4.5	20	2	683	.21	.102	15	104	.07	1272	.01	18	.72	.01	.27	1	68
RE 055888	4	29	36	134	.1	33	14	1059	3.75	151	5	ND	19	120	.3	49	2	58	1.10	.047	52	29	.09	1479	.01	5	.81	.01	.11	1	31
055892	23	71	32	196	.3	38	3	74	.89	112	5	ND	2	223	5.8	32	2	691	1.28	.702	17	97	.08	1316	.01	23	.85	.01	.31	1	27
055893	23	47	21	110	.2	34	2	60	.69	92	6	ND	2	133	3.2	19	2	557	.65	.318	14	125	.06	970	.01	18	.64	.01	.26	1	13
055894	16	39	33	229	.3	53	5	84	1.63	187	6	ND	8	93	4.2	32	2	284	.34	.176	29	82	.07	955	.01	11	.77	.01	.24	1	16
055895	6	24	32	325	.2	55	10	386	3.28	340	5	ND	11	95	2.9	25	3	87	.89	.124	33	43	.42	209	.01	11	.98	.01	.25	1	40
055896	6	14	25	304	.1	48	11	479	2.89	205	5	ND	10	85	2.6	23	3	58	.63	.076	30	34	.28	495	.01	6	.94	.01	.14	1	11
055897	15	41	23	275	1.0	53	6	222	2.04	320	7	ND	6	167	5.1	22	2	231	.19	.163	26	55	.06	1670	.01	10	.80	.01	.20	1	39
055898	16	28	15	347	.6	66	11	594	2.61	119	5	ND	12	61	4.3	18	2	167	.33	.132	44	78	.12	752	.01	7	1.29	.01	.26	1	22
055899	6	19	31	206	.1	27	11	789	3.66	123	5	ND	15	72	1.3	10	2	55	.68	.089	44	22	.12	638	.01	4	.83	.01	.12	1	34
STANDARD C/AU-R	19	56	36	127	6.6	68	31	997	3.98	37	18	7	35	48	18.3	16	20	55	.46	.080	37	56	.85	172	.08	34	1.87	.06	.15	11	490

BCRC-91-657 (KOKANEE)

BCRC-91-658 (KOKANEE)

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. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 28 1991 DATE REPORT MAILED: Oct 31/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
BCRC-91-658 (KOKANEE)																															
055900	6	20	28	210	.1	35	13	777	3.03	66	5	ND	19	76	2.3	19	2	78	.74	.092	51	40	.18	1081	.02	4	1.04	.01	.12	1	42
055901	5	23	32	132	.1	26	12	850	3.27	123	5	ND	18	355	3.1	10	2	43	2.86	.044	44	30	.85	1013	.01	6	.71	.01	.11	1	15
055902	4	24	37	102	.1	22	12	870	3.58	88	5	ND	19	503	.7	10	2	20	3.41	.043	45	22	1.39	1001	.01	5	.59	.01	.15	1	27
055903	3	22	29	147	.1	25	12	821	3.22	129	5	ND	17	402	.6	9	2	36	3.12	.038	39	27	1.14	832	.01	5	.68	.01	.11	1	78
055904	4	14	41	207	.1	33	11	799	2.96	119	5	ND	15	117	2.0	14	2	54	2.71	.040	33	32	.74	851	.01	3	.65	.01	.08	1	12
055905	4	13	19	117	.1	32	11	691	2.80	72	5	ND	15	122	.5	19	2	61	2.64	.065	35	34	.83	1435	.02	2	1.33	.01	.20	1	14
055906	3	15	32	202	.1	60	13	461	3.05	88	5	ND	16	102	.6	29	2	71	2.04	.091	49	38	.72	1196	.07	2	1.81	.01	.30	1	45
055907	4	17	75	275	.0	30	17	1274	3.73	2741	5	5	18	81	1.5	607	2	35	.15	.069	52	28	.04	2376	.01	8	.68	.01	.13	1	3040
055908	5	17	37	276	.2	33	16	1077	3.52	3396	5	7	16	73	1.5	895	4	32	.11	.042	48	34	.03	1197	.01	11	.67	.01	.11	1	6690
055909	5	18	33	428	.9	42	16	1373	4.05	4843	5	12	15	85	1.2	988	2	44	.14	.052	40	33	.03	1431	.01	7	.59	.01	.08	1	13690
BCRC-91-659 (KOKANEE)																															
055910	7	27	29	399	.5	43	13	579	3.02	2067	5	7	11	86	2.0	683	2	52	.14	.042	37	48	.05	1187	.01	8	.82	.01	.12	1	7830
055911	23	30	33	289	1.5	29	6	194	2.58	922	6	ND	7	263	2.3	175	3	299	.12	.135	25	52	.04	2759	.01	10	.89	.01	.15	1	660
055912	11	22	26	67	2.2	13	4	126	.91	284	5	ND	3	480	2.0	76	2	462	.42	.401	14	78	.05	3098	.01	26	.95	.01	.20	1	129
RE 055917	19	50	40	157	.5	37	11	70	3.12	116	5	ND	10	91	1.2	30	2	34	.14	.048	40	22	.08	2751	.01	22	.87	.01	.30	1	37
055913	10	17	8	100	.6	13	3	65	1.18	276	5	ND	1	193	3.6	45	2	126	.07	.057	5	22	.02	1882	.01	7	.23	.01	.05	1	11
055914	4	14	15	72	.2	12	3	55	.75	206	5	ND	1	166	1.1	36	2	49	.03	.032	3	18	.01	2078	.01	4	.21	.01	.03	1	71
055915	8	48	84	849	.7	38	14	302	4.36	1002	5	ND	12	116	8.3	52	2	68	.06	.074	36	33	.02	2007	.01	9	.70	.01	.16	1	220
055916	18	54	58	492	1.1	52	13	78	3.67	539	5	ND	10	86	2.6	45	2	45	.08	.051	39	30	.08	2603	.01	14	.94	.01	.31	2	40
055917	19	49	44	155	.4	38	10	68	3.05	118	5	ND	9	86	.8	28	2	30	.13	.065	39	22	.08	2754	.01	23	.86	.01	.30	1	28
055918	18	68	26	299	.3	103	24	632	4.99	156	5	ND	10	92	4.3	28	2	55	.17	.053	36	52	.14	2864	.01	25	1.28	.01	.42	1	8
055919	11	58	26	191	.4	78	21	552	3.93	67	5	ND	9	180	2.8	18	2	42	2.83	.051	35	25	.14	5118	.01	25	1.23	.02	.44	1	4
055920	8	48	17	151	.3	64	17	424	3.05	43	5	ND	9	468	1.4	12	2	29	7.84	.065	32	29	.16	4282	.01	24	1.16	.02	.45	1	25
055921	4	20	49	193	.8	27	13	1191	3.64	601	5	ND	19	45	1.2	150	2	57	.46	.134	56	39	.07	924	.01	6	.76	.01	.16	1	220
055922	4	17	57	226	.2	27	13	1271	3.52	535	5	ND	17	62	.9	72	2	57	.40	.125	51	41	.08	1147	.01	4	.89	.01	.16	1	260
055923	4	21	53	260	.8	30	13	929	3.93	1130	5	ND	18	75	1.0	150	2	49	.27	.107	50	35	.07	1365	.01	9	.90	.01	.18	1	520
BCRC-91-660 (KOKANEE)																															
055924	4	19	45	269	.5	36	15	1224	4.09	1390	5	ND	18	51	1.9	204	3	44	.28	.112	56	27	.04	956	.01	8	.65	.01	.15	1	660
055925	4	27	44	329	.3	42	16	1667	4.37	1948	5	ND	17	73	3.9	331	2	47	.14	.059	48	29	.03	1239	.01	7	.67	.01	.12	1	920
055926	5	23	28	288	.8	38	16	1132	4.10	2487	5	3	17	83	2.8	431	2	48	.26	.087	49	44	.19	1621	.02	13	1.46	.01	.29	1	3660
055927	4	20	32	434	.5	45	19	1356	3.95	1806	5	2	19	68	3.3	366	4	54	.28	.098	57	36	.28	1346	.05	10	1.26	.01	.28	1	1180
055928	4	30	29	376	.6	42	10	313	3.43	1709	5	ND	20	79	5.2	882	2	39	.12	.076	55	31	.04	1011	.01	11	.92	.01	.14	1	860
055929	4	19	29	252	1.4	36	7	149	2.60	1964	5	4	16	70	4.5	1242	2	30	.09	.052	44	30	.02	885	.01	8	.64	.01	.11	1	3560
055930	6	29	31	145	.1	29	5	101	1.46	585	5	ND	5	66	6.0	6254	2	34	.10	.026	16	24	.02	467	.01	6	.38	.01	.08	1	1890
055931	14	90	47	326	.7	63	9	127	3.14	624	5	ND	9	62	2.1	693	5	51	.10	.035	30	33	.07	2074	.01	11	1.20	.01	.26	1	260
055932	5	55	216	487	.6	39	9	96	4.17	1742	5	ND	14	107	7.5	109	4	24	.10	.085	43	25	.04	657	.01	8	1.02	.01	.30	1	133
055933	8	57	136	646	.8	64	21	714	4.95	2492	5	ND	11	80	12.7	94	2	36	.12	.072	40	28	.07	1472	.01	14	1.15	.01	.31	1	610
055934	12	63	35	818	.1	126	42	1930	5.30	172	5	ND	10	99	7.1	55	2	37	.32	.055	45	28	.17	4113	.01	27	1.43	.02	.47	1	52
055935	4	11	30	187	.1	22	12	786	4.09	378	5	ND	16	51	1.3	277	2	57	.43	.128	50	29	.31	766	.01	3	1.50	.01	.19	1	43
STANDARD C/AU-R	18	57	41	131	6.7	65	33	1027	3.93	44	20	8	39	51	18.8	17	22	57	.48	.090	38	57	.88	174	.09	32	1.87	.06	.15	11	460

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

AMPLE#	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
55936	7	11	31	243	.1	29	14	1042	3.96	766	5	ND	16	34	.5	281	2	26	.39	.126	58	15	.06	422	.01	5	.70	.01	.18	1	36
55937	9	23	69	393	.7	40	12	595	4.14	1250	5	ND	13	167	5.3	218	2	45	.25	.169	45	26	.04	1048	.01	4	.79	.01	.18	1	160
55938	21	73	35	429	1.5	89	6	97	2.48	436	5	ND	4	579	4.8	220	2	344	.60	.536	18	124	.05	3489	.01	24	1.28	.01	.29	1	80
55939	13	124	18	756	1.3	184	13	472	3.47	1069	5	ND	6	495	4.6	121	2	169	1.24	.734	27	127	.05	4325	.01	10	1.35	.01	.18	1	78
55940	11	38	23	572	1.1	97	13	985	3.80	134	5	ND	15	191	3.8	122	2	75	.28	.362	40	71	.04	1900	.01	9	1.77	.01	.17	1	1790
55941	16	46	20	725	1.3	112	13	792	3.58	923	5	ND	13	311	8.6	82	2	196	.24	.196	39	50	.04	2919	.01	8	.86	.01	.12	1	2180
55942	13	34	28	818	.4	113	20	788	4.44	758	5	ND	25	86	2.8	64	2	50	.27	.141	80	37	.05	838	.01	7	.73	.01	.20	1	470
55943	14	78	45	1022	2.5	146	18	1038	5.61	872	5	ND	31	114	9.8	160	2	66	.24	.178	92	36	.05	1148	.01	8	.77	.01	.15	1	420
E 055948	13	24	30	275	1.3	33	4	48	2.34	271	5	ND	7	195	5.3	132	3	414	.11	.110	27	66	.04	1635	.01	10	.75	.01	.18	1	(55)
55944	15	71	42	785	.8	92	13	730	4.60	640	5	ND	22	221	10.5	90	3	266	.58	.245	70	49	.06	1209	.01	11	1.11	.01	.22	1	98
55945	16	42	41	378	1.7	45	7	232	2.27	265	5	ND	9	250	6.8	69	2	327	.48	.217	33	89	.05	946	.01	13	.86	.01	.24	1	63
55946	11	27	64	462	3.2	38	6	112	3.10	384	5	ND	11	116	13.3	46	7	81	.21	.115	37	32	.05	585	.01	6	.72	.01	.21	1	19
55947	10	23	43	374	1.3	30	5	76	2.77	309	5	ND	10	122	11.3	41	4	79	.09	.078	35	20	.03	660	.01	6	.49	.01	.15	1	33
55948	14	25	34	279	1.4	35	4	47	2.41	276	5	ND	8	204	5.6	157	2	422	.11	.120	28	72	.04	1692	.01	11	.76	.01	.19	1	49
55949	5	19	36	177	.1	25	13	764	3.38	558	5	ND	14	113	.4	623	3	68	.08	.053	34	41	.02	1724	.01	6	.78	.01	.07	1	180
55950	6	20	35	213	.3	25	14	1008	4.01	812	5	ND	15	101	1.6	155	2	71	.08	.065	38	36	.03	1665	.01	6	.79	.01	.09	1	240
55951	6	19	41	249	.3	27	14	923	4.06	637	5	ND	15	96	1.0	48	2	70	.33	.056	38	45	.04	1626	.01	8	.91	.01	.09	1	87
55952	8	18	36	283	.2	35	14	795	4.17	459	5	ND	19	84	1.1	55	2	70	.17	.101	51	38	.03	1109	.01	3	.91	.01	.06	1	188
55953	6	20	53	311	.6	30	13	843	3.89	453	5	ND	16	104	1.2	86	2	77	.17	.092	46	35	.03	1326	.01	4	1.04	.01	.09	1	200
55954	6	16	64	326	.5	23	13	1150	4.32	1027	5	ND	17	101	1.1	78	2	58	.10	.061	42	43	.03	1163	.01	4	.87	.01	.09	1	420
55955	6	21	118	370	.7	29	11	1164	4.13	1427	5	ND	18	92	1.8	83	2	59	.09	.064	41	41	.03	1226	.01	4	.85	.01	.09	1	660
55956	5	21	36	251	.6	27	12	1092	4.02	1244	5	ND	17	90	1.7	244	2	60	.09	.058	41	38	.03	1129	.01	9	.76	.01	.10	2	580
55957	5	18	24	263	2.7	31	9	635	3.11	3123	5	11	13	83	3.6	231	2	45	.11	.052	34	41	.03	1853	.01	5	.78	.01	.10	1	1157
55958	7	46	21	316	4.5	56	14	1168	4.54	5734	5	23	12	180	18.9	107	2	82	.15	.090	35	43	.02	2470	.01	2	.73	.01	.10	1	21100
55959	10	69	36	445	2.0	48	11	492	3.00	1510	5	3	7	447	20.0	59	2	210	.20	.207	27	55	.04	2942	.01	12	1.06	.01	.18	1	3020
55960	8	89	28	77	.1	15	4	72	.58	193	12	ND	2	476	6.3	22	2	949	.70	.438	14	109	.06	4103	.02	21	.91	.01	.21	1	116
55961	11	65	25	101	1.8	16	4	48	1.40	195	8	ND	5	516	4.5	32	2	531	.12	.283	19	104	.04	4349	.01	10	1.02	.01	.17	2	78
55962	13	23	43	96	1.5	14	3	45	1.16	182	5	ND	2	176	1.7	47	2	167	.04	.045	9	26	.02	1667	.01	7	.33	.01	.08	1	124
55963	9	17	40	171	.1	22	12	1469	4.53	149	5	ND	20	32	1.2	32	2	87	.34	.130	57	42	.03	879	.01	2	.68	.01	.07	1	52
55964	8	18	43	210	.1	27	13	1851	3.86	275	5	ND	20	52	1.5	44	2	74	.29	.125	62	37	.02	967	.01	2	.97	.01	.06	1	33
55965	8	18	46	222	.5	35	17	1461	5.58	833	5	ND	21	91	1.8	65	2	56	.27	.122	75	30	.04	1334	.01	8	.62	.01	.13	1	540
55966	8	16	54	244	.2	35	17	1169	5.01	402	5	ND	21	117	1.6	50	2	72	.23	.119	69	33	.04	1499	.01	6	.98	.01	.09	1	63
55967	8	20	72	317	.4	38	21	1750	4.62	914	5	ND	22	184	2.8	86	2	62	.16	.108	66	38	.04	1973	.01	5	.95	.01	.12	1	1490
55968	6	24	75	294	.5	33	17	1204	4.26	758	5	ND	23	191	3.7	61	2	52	.17	.129	69	34	.05	2035	.01	6	1.04	.01	.14	1	340
55969	7	14	67	278	.6	32	16	1076	4.58	1546	5	ND	17	112	1.2	69	3	27	.25	.114	59	17	.05	1326	.01	10	.81	.01	.18	1	1430
55970	9	23	51	312	1.6	39	15	2271	5.78	2078	5	3	24	150	4.0	95	2	53	.30	.151	85	34	.06	1814	.01	6	.94	.01	.17	1	4300
55971	11	31	53	351	.5	49	15	1108	5.20	1195	5	ND	26	94	2.8	62	2	33	.34	.139	87	28	.06	1095	.01	5	.82	.01	.20	1	690
STANDARD C/AU-R	19	59	37	135	7.3	70	32	1050	4.02	36	21	6	39	52	17.8	16	22	55	.49	.092	39	58	.90	177	.09	33	1.90	.06	.15	12	460

BCRC-91-661 (KOKANEE)

BCRC-91-662 (KOKANEE)

BCRC-91-663 KOKANEE

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

BCRC-91-663 (KOKANEE)

BCRC-91-664 (KOKANEE)

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
055972	12	46	47	482	.8	63	14	879	4.47	365	5	ND	18	114	7.2	755	2	74	.35	.157	73	43	.05	1398	.01	5	.77	.01	.19	1	1940
055973	9	41	38	472	.6	60	12	562	3.87	718	5	ND	21	104	8.1	392	2	70	.95	.158	77	39	.05	1149	.01	8	.73	.01	.26	1	570
055974	10	39	35	561	.1	67	14	618	4.18	861	5	ND	23	58	8.7	263	2	41	.64	.129	82	35	.06	602	.01	8	.70	.01	.27	1	178
055975	9	33	42	512	.1	61	14	587	4.20	481	5	ND	22	118	4.8	82	2	34	.31	.123	81	30	.05	1039	.01	8	.62	.01	.26	1	140
055976	15	40	45	862	.1	95	16	580	4.73	729	5	ND	25	85	7.6	147	2	46	.37	.166	89	79	.05	716	.01	8	.69	.01	.25	1	120
055977	17	49	44	506	.9	81	9	207	3.66	599	5	ND	14	396	7.5	163	3	188	.29	.269	51	81	.03	3022	.01	8	1.01	.01	.18	1	85
055978	21	67	49	516	.2	77	6	115	2.83	658	5	ND	6	493	5.9	65	2	252	.33	.256	28	69	.05	1491	.01	15	.96	.01	.30	1	43
055979	22	50	25	213	.5	39	3	60	1.43	219	5	ND	4	325	2.1	37	2	225	.23	.153	18	107	.05	2800	.01	20	.75	.01	.26	1	54
055980	12	71	18	328	.1	63	8	336	2.60	848	5	ND	8	301	5.0	58	2	242	1.80	.287	38	83	.36	1984	.04	11	1.27	.03	.38	1	55
055981	4	16	17	165	.1	17	7	518	2.58	157	5	ND	13	169	1.6	37	2	61	2.37	.110	41	42	.71	529	.05	4	1.11	.05	.36	1	51
055982	3	22	50	221	.1	31	13	892	3.85	219	5	ND	16	79	.5	54	2	89	.54	.130	64	45	.45	3362	.06	2	1.76	.03	.38	1	290
055983	3	23	39	152	.1	17	12	996	4.06	174	5	ND	15	74	.4	50	2	89	.59	.120	75	48	.54	3582	.09	2	1.87	.04	.47	1	260
055984	3	24	39	132	.1	15	12	831	2.94	58	5	ND	17	45	.3	34	2	74	.57	.182	87	38	.26	1282	.02	2	1.41	.02	.20	1	27
055985	6	21	42	140	.1	17	10	1192	3.79	575	5	ND	17	73	.3	36	2	73	.38	.105	54	43	.05	1260	.01	5	.83	.01	.09	1	320
055986	5	20	45	144	.1	18	11	909	3.28	215	5	ND	17	66	.2	36	2	76	.47	.115	53	48	.87	957	.01	2	.80	.01	.10	1	170
055987	6	23	55	159	.1	19	12	1135	3.27	194	5	ND	18	37	.3	46	2	81	.48	.126	71	44	.08	637	.01	2	.83	.01	.11	1	27
055988	5	25	51	146	.1	16	12	954	4.39	136	5	ND	16	95	.2	40	2	81	.30	.112	63	45	.06	2070	.01	2	.82	.01	.07	1	62
055989	7	20	45	136	.1	19	13	1499	3.83	226	5	ND	16	118	.2	40	2	68	.12	.078	50	36	.04	1884	.01	3	.80	.01	.05	1	73
055990	6	25	83	227	.1	22	14	862	4.40	300	5	ND	19	121	.7	53	2	84	.09	.066	64	46	.05	1824	.01	4	.86	.01	.03	1	43
055991	8	23	45	185	.1	39	13	732	3.91	544	5	ND	13	82	.2	103	2	60	.11	.049	50	26	.05	1154	.01	5	.68	.01	.19	1	240
055992	9	27	48	130	.1	31	14	1060	4.31	425	5	ND	11	89	.2	79	2	47	.10	.061	51	20	.05	1258	.01	5	.75	.01	.20	1	31
055993	7	18	74	196	.1	16	11	1074	3.73	442	5	ND	14	94	.2	70	2	63	.06	.057	48	27	.04	1348	.01	3	.98	.01	.12	1	28
055994	7	20	38	151	.1	18	10	1223	4.03	598	5	ND	11	93	.2	57	2	38	.34	.071	41	27	.05	1196	.01	4	.72	.01	.14	1	32
055995	6	16	53	172	.1	19	10	1121	3.72	685	5	ND	11	108	.2	66	2	35	.13	.074	42	28	.04	1222	.01	4	.70	.01	.13	1	250
055996	5	20	33	128	.2	21	13	1459	3.99	1633	5	ND	9	103	.2	44	2	34	.20	.052	37	32	.04	1147	.01	6	.65	.01	.14	1	1720
055997	7	28	71	223	.5	20	11	1633	5.07	2511	5	2	11	123	1.0	77	2	26	.19	.084	48	18	.05	1387	.01	8	.74	.01	.21	1	2050
055998	9	30	33	212	.4	28	9	357	4.03	649	5	ND	9	136	.2	45	2	45	.14	.067	39	25	.05	1093	.01	7	.63	.01	.29	1	190
055999	14	18	17	31	.2	14	2	37	1.56	71	5	ND	3	93	.2	20	2	73	.16	.036	19	30	.04	601	.01	15	.54	.02	.33	1	23
056000	17	10	18	27	.4	12	1	28	2.85	93	5	ND	4	118	.2	23	2	125	.15	.066	15	27	.03	253	.01	9	.40	.01	.38	1	33
056001	16	61	16	131	1.4	37	5	147	2.24	166	5	ND	5	389	3.4	21	2	394	.35	.393	15	68	.03	3576	.01	8	1.01	.01	.17	1	21
056002	19	61	13	45	2.1	45	2	39	1.19	61	5	ND	3	228	2.6	12	2	476	.39	.303	13	82	.03	1935	.01	10	.77	.01	.17	1	26
RE 055998	9	29	32	203	.1	28	8	324	3.84	593	5	ND	8	131	.2	42	2	49	.14	.068	37	25	.04	1061	.01	7	.61	.01	.28	1	(180)
056003	17	90	17	120	1.8	57	4	30	1.38	90	5	ND	3	304	1.8	20	3	399	.18	.282	14	95	.03	3686	.01	13	1.22	.01	.18	1	32
056004	16	50	91	634	1.4	83	9	394	2.89	198	5	ND	5	206	9.8	63	2	255	.12	.179	21	70	.02	3249	.03	5	.73	.01	.09	1	31
056005	22	51	30	351	2.2	73	7	90	1.61	102	5	ND	3	377	5.1	37	2	408	.45	.389	12	112	.02	5363	.03	9	.85	.01	.10	1	13
STANDARD C/AU-R	18	57	38	133	6.9	67	31	1014	3.86	39	17	6	37	50	17.9	16	19	56	.49	.088	36	57	.88	172	.09	33	1.89	.09	.16	11	520

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

NORANDA EXPLORATION CO. LTD. PROJECT BULLION 330 File # 91-3166

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(ICP DATA FOR 35 ELEMENTS)

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 %	La ppm	Cr ppm	Mg %	Ba ppm	B ppm	Al %	Na %	K %	W ppm	Au* ppb
56005	11	71	27	149	1	54	8	282	1.73	22	5	ND	6	454	1	25	2	192	.79	29	97	.06	4657	9	.96	.01	.13	2	26
56006	11	81	38	163	2	47	6	276	1.48	26	7	ND	4	471	1	35	3	230	.92	24	75	.08	4063	15	.98	.01	.19	2	80
56007	9	66	31	182	1	68	8	793	1.98	23	5	ND	10	229	1	36	2	114	.58	36	51	.06	1604	8	.70	.01	.19	2	34
56008	4	34	29	187	1	46	11	1247	2.90	30	5	ND	13	132	1	40	2	89	.54	39	36	.17	1024	8	.83	.01	.14	2	29
56009	1	18	21	120	1	18	11	722	3.88	16	5	ND	16	68	1	60	2	83	.74	50	40	.73	2245	4	2.04	.02	.28	2	20
56010	1	15	22	117	1	14	11	460	3.66	6	5	ND	17	53	1	45	3	78	.88	47	43	.71	2122	3	2.16	.02	.17	2	16
E 056015	5	53	31	282	4	40	12	505	3.73	2658	5	ND	10	98	1	667	2	33	.40	35	31	.09	1001	7	.67	.01	.17	1	2850
56011	1	15	21	102	1	12	12	496	3.13	219	5	ND	16	78	1	56	2	74	2.66	51	38	.85	2276	2	2.00	.01	.21	2	70
56012	1	13	14	87	1	12	10	494	3.19	315	5	ND	16	144	1	58	2	64	3.08	46	47	1.05	872	4	2.00	.01	.17	2	155
56013	1	16	17	99	1	17	10	553	2.94	180	5	ND	15	130	1	76	2	69	2.89	48	38	.89	1554	7	1.71	.01	.21	2	33
56014	3	20	24	111	1	17	10	613	3.00	3024	5	5	11	127	1	231	2	49	1.29	34	34	.26	1036	6	.84	.01	.12	2	6350
56015	5	52	32	276	4	41	13	504	3.71	2664	5	ND	10	96	1	679	2	32	.40	34	31	.09	949	8	.64	.01	.17	2	2890
56016	12	62	47	287	2	49	8	239	2.71	726	5	ND	6	300	1	108	4	142	.54	28	100	.05	2209	10	.71	.01	.17	2	230
56017	4	57	30	540	1	89	26	1081	3.79	255	5	ND	18	129	1	47	2	80	2.55	60	68	.24	1023	9	.99	.01	.16	2	70
56018	3	52	25	299	1	52	14	392	2.33	74	5	ND	8	48	1	21	2	21	.19	25	31	.13	567	11	.59	.01	.19	2	12
56019	2	57	45	238	1	44	11	281	2.70	43	5	ND	8	39	1	15	2	21	.10	28	34	.10	492	7	.61	.01	.18	2	24
56020	4	73	36	291	1	84	16	326	3.67	116	5	ND	10	60	1	29	2	44	.36	32	49	.16	753	5	.79	.01	.22	2	58
56021	3	59	33	257	1	58	14	244	2.80	73	5	ND	10	64	1	37	2	35	.25	30	39	.13	780	7	.88	.01	.22	2	72
56022	3	26	34	146	1	29	7	108	1.71	88	5	ND	7	73	1	23	2	22	.11	23	37	.08	921	12	.61	.01	.19	2	46
56023	4	49	35	196	1	36	8	128	2.52	55	5	ND	6	78	1	19	2	24	.10	19	55	.07	1809	10	.59	.01	.17	2	27
56024	5	28	21	89	1	7	11	578	3.16	2328	5	ND	40	114	1	6	5	35	1.37	68	52	.10	89	7	.54	.02	.14	2	270
56025	4	57	24	87	2	7	7	956	2.83	210	5	ND	33	145	1	6	2	21	4.86	48	37	.09	83	9	.49	.01	.14	2	25
56026	6	51	21	96	1	8	9	889	3.44	348	5	ND	33	108	1	5	2	23	4.47	22	34	.09	75	6	.51	.01	.15	2	21
56027	7	33	31	80	1	10	12	686	2.96	2720	5	ND	61	129	1	5	5	37	4.22	69	56	.15	64	8	.66	.01	.15	2	180
56028	8	26	27	90	1	11	15	746	4.08	2402	5	ND	50	168	1	9	6	44	4.27	76	66	.28	60	11	.98	.01	.21	2	450
56029	6	46	26	88	1	11	12	682	3.53	2918	5	ND	39	162	1	8	9	38	4.17	50	43	.11	57	5	.57	.01	.16	2	280
56030	4	112	42	93	1	7	10	590	3.76	3118	5	ND	34	161	1	11	14	26	2.78	32	32	.09	49	6	.58	.01	.16	2	610
56031	3	192	42	77	1	7	17	452	3.42	3678	5	ND	38	161	1	17	24	27	1.81	47	33	.07	64	2	.44	.01	.14	2	1890
56032	6	120	49	84	1	9	15	477	3.40	3002	5	ND	44	178	1	16	40	33	1.94	61	55	.07	63	7	.39	.01	.15	2	1450
56033	4	105	36	103	1	8	12	516	3.51	2742	5	ND	52	143	1	12	22	49	2.11	92	41	.20	66	6	.62	.02	.23	2	950
56034	4	36	34	111	1	10	11	573	3.64	2481	5	ND	50	176	1	16	11	43	2.61	73	31	.18	100	7	.59	.01	.20	2	440
56035	4	49	30	112	1	9	11	572	3.87	1776	5	ND	47	138	1	27	2	31	1.69	67	28	.18	72	6	.48	.01	.14	2	340
56036	4	153	31	129	1	10	12	685	4.54	2310	5	ND	40	153	1	11	6	38	1.37	66	29	.16	142	6	.57	.01	.17	2	30
56037	4	215	50	103	1	7	11	705	4.85	3678	5	ND	40	189	1	28	12	34	2.35	63	39	.11	79	7	.42	.01	.13	2	540
56038	4	151	50	105	1	6	10	703	4.17	3192	5	ND	42	219	1	18	5	27	2.24	49	37	.11	102	5	.58	.01	.14	2	270
56039	3	142	28	188	2	6	10	674	3.64	1776	5	ND	54	170	1	19	4	38	3.35	75	38	.12	56	7	.42	.01	.12	2	320
56040	4	99	28	189	1	7	11	611	3.62	3240	5	ND	42	217	1	13	17	37	3.04	70	45	.16	83	8	.60	.01	.18	2	1090
STANDARD C/AU-R	28	62	41	136	19	72	32	1803	4.02	39	16	7	38	52	18	19	21	57	.50	39	59	.89	179	32	1.93	.06	.15	20	480

KOK BCRC 91-665

CLASSIC BCRC 91-666

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 U AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 31 1991 DATE REPORT MAILED: Nov 4/91 SIGNED BY: ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

AMPLE#	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
56041	4	43	26	100	.1	8	9	823	3.26	925	5	ND	44	178	.2	9	2	48	2.47	.085	75	44	.18	129	.02	2	.51	.02	.16	1	210
56042	6	69	43	77	.4	9	8	765	2.89	1289	5	ND	68	363	.3	9	5	25	3.12	.057	53	32	.12	145	.03	4	.50	.01	.14	1	260
56043	7	104	31	67	.2	8	8	691	2.80	891	5	ND	65	301	.2	5	5	24	2.59	.059	57	52	.32	135	.03	4	.55	.01	.15	1	300
56044	7	35	43	83	.1	7	8	577	2.78	393	5	ND	80	365	.2	4	2	21	1.74	.052	73	25	.39	211	.01	3	.59	.01	.15	1	41
56045	4	167	38	106	.6	9	10	810	3.66	1079	5	2	57	313	.6	12	5	36	3.23	.088	64	35	.24	140	.03	6	.61	.01	.17	1	570
56046	2	47	44	94	.3	7	8	750	2.83	1694	5	ND	42	319	.3	10	2	25	3.32	.059	41	21	.38	105	.01	2	.49	.01	.12	1	480
56047	3	72	76	86	4.7	6	7	733	3.18	1192	5	ND	42	251	1.0	20	2	21	2.73	.059	32	29	.23	64	.01	6	.54	.01	.18	1	790
56048	1	53	21	107	.1	10	9	177	3.64	912	5	ND	63	93	.2	15	3	59	.57	.102	96	22	.30	73	.01	2	1.41	.02	.09	1	290
56049	1	18	37	87	.1	7	7	183	2.86	595	5	ND	81	89	.2	3	4	53	.49	.090	94	24	.31	47	.02	2	1.18	.02	.09	1	210
56050	1	24	28	77	.1	6	7	235	2.57	397	5	ND	99	76	.2	3	4	47	.55	.101	91	24	.30	53	.04	2	.95	.03	.12	1	280
E 056055	5	25	44	96	.6	8	8	742	3.88	1410	9	ND	70	464	.2	17	20	59	.18	.050	32	58	.08	107	.01	2	.55	.01	.09	1	1070
56051	1	21	25	94	.1	9	8	536	3.11	526	5	ND	92	103	.2	6	6	50	.51	.103	101	21	.28	52	.01	2	1.07	.02	.10	1	280
56052	1	24	32	110	.1	11	10	1064	3.80	700	5	ND	76	132	.2	9	6	58	.54	.104	111	18	.32	109	.01	2	1.22	.01	.10	1	300
56053	1	26	20	98	.1	8	10	412	3.74	603	5	ND	83	122	.2	5	3	62	.62	.117	109	24	.38	50	.01	2	1.36	.01	.09	1	260
56054	1	17	25	94	.1	7	8	650	3.58	963	5	ND	60	193	.2	16	11	63	.33	.082	88	23	.14	77	.01	2	.71	.01	.10	1	650
56055	1	25	44	96	.7	8	8	748	3.91	1424	11	ND	70	471	.2	20	20	60	.17	.049	33	22	.08	108	.01	2	.54	.01	.09	1	1060
56056	2	17	34	106	.1	9	8	1124	3.28	1003	5	ND	79	257	.2	11	4	60	.26	.064	85	39	.12	97	.01	3	.75	.01	.12	1	330
56057	1	28	33	108	.1	7	8	542	3.28	732	5	ND	97	93	.2	6	8	42	.35	.079	109	27	.15	43	.01	2	.77	.02	.12	1	480
56058	2	12	32	79	.1	7	6	602	2.39	473	5	ND	92	60	.2	5	6	36	.38	.073	104	41	.17	53	.04	2	.57	.04	.15	1	450
56059	2	19	41	89	.2	7	16	445	3.12	1916	6	ND	79	110	.2	10	60	45	.44	.075	90	34	.24	43	.02	2	.78	.03	.12	1	3190
56060	2	16	26	69	.1	5	6	372	1.96	392	5	ND	72	62	.2	3	8	33	.47	.072	80	34	.24	44	.06	2	.57	.05	.12	1	620
56061	2	14	28	56	.1	6	5	435	1.86	460	5	ND	65	67	.2	538	7	30	.54	.072	68	35	.37	69	.09	7	.48	.08	.17	1	410
56062	1	11	29	54	.1	6	5	410	1.74	281	5	ND	77	62	.2	3	5	27	.55	.080	76	22	.38	61	.10	4	.48	.07	.16	1	350
56063	1	18	23	49	.1	7	5	486	1.72	246	5	ND	70	58	.2	2	2	29	.53	.080	101	24	.37	50	.10	3	.54	.06	.13	1	310
56064	1	26	23	62	.1	6	6	522	2.50	498	5	ND	62	69	.2	3	4	36	.64	.105	106	24	.46	52	.13	3	.59	.06	.16	1	340
56065	9	22	20	63	.1	8	6	739	2.54	614	5	ND	65	66	.2	4	2	37	.45	.076	87	117	.25	68	.08	2	.56	.05	.13	1	290
56066	1	50	19	64	.1	7	7	624	2.45	808	5	ND	82	74	.2	6	4	36	.45	.080	110	24	.26	61	.03	2	.55	.04	.12	1	360
56067	1	90	30	88	.2	7	6	551	2.08	369	5	ND	71	67	.3	4	7	32	.55	.062	103	20	.44	60	.09	2	.60	.05	.15	1	550
56068	1	34	21	45	.1	6	5	350	1.74	378	5	ND	66	63	.2	2	8	29	.51	.078	82	20	.41	66	.09	5	.50	.06	.17	1	460
56069	1	55	24	48	.1	6	6	376	1.80	364	5	ND	74	63	.2	2	5	28	.54	.081	83	21	.52	49	.08	2	.53	.05	.15	1	520
56070	1	23	26	62	.1	7	8	471	2.37	564	5	ND	81	73	.2	3	5	36	.53	.065	95	24	.52	82	.07	2	.75	.04	.16	1	370
56071	1	32	30	74	.1	10	8	1063	2.79	773	5	ND	106	77	.4	5	6	39	.46	.075	108	35	.35	56	.02	2	.90	.02	.12	1	580
56072	1	28	25	98	.1	13	8	570	3.00	511	5	ND	53	90	.3	5	4	51	.43	.062	90	23	.23	96	.01	3	.82	.02	.11	1	270
56073	1	33	39	99	1.0	8	7	289	3.00	1211	5	ND	40	162	.2	12	16	46	.39	.069	62	22	.21	69	.02	2	.78	.02	.10	1	700
56074	1	16	24	89	.1	9	8	578	3.07	730	5	ND	49	113	.3	12	6	45	.46	.084	69	21	.27	117	.01	4	.98	.02	.13	1	450
56075	1	19	29	103	.1	11	8	734	3.58	1636	5	ND	57	175	.2	19	7	59	.44	.081	70	25	.23	164	.01	3	.92	.01	.11	1	360
56076	1	15	24	96	.1	8	9	461	3.45	973	5	ND	49	132	.2	5	4	49	.43	.079	76	24	.23	62	.01	2	1.06	.01	.13	1	310
STANDARD C/AU-R	18	60	39	132	7.6	70	31	1057	3.97	45	17	7	35	53	18.8	15	21	56	.48	.090	37	58	.88	177	.09	34	1.88	.06	.15	12	520

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

CLASSIC BCRC 91-666

CLASSIC BCRC 91-667

CLASSIC BCRC 91-668

NOV-04-1991 15:40 FROM ACME ANALYTICAL TO NORANDA YT P.003/006

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
056077	1	18	26	92	.1	9	10	338	3.50	244	5	ND	49	98	.2	5	7	47	.53	.099	98	25	.29	50	.02	2	1.03	.03	.15	1	320
056078	1	13	27	92	.1	14	9	1437	3.61	824	5	ND	63	112	.3	2	2	49	.56	.099	132	21	.32	99	.02	2	1.17	.02	.12	1	250
RE 056082	1	45	26	67	.3	9	6	505	2.34	295	5	ND	63	78	.2	3	3	32	.53	.078	81	35	.42	60	.10	3	.72	.04	.16	1	310
056079	1	16	27	64	.1	7	7	636	2.53	576	5	ND	45	80	.2	4	3	38	.58	.102	92	20	.28	58	.07	2	.76	.03	.11	1	390
056080	1	17	27	66	.1	8	7	961	2.69	813	5	ND	50	83	.2	7	2	36	.58	.099	80	21	.41	78	.07	2	.75	.04	.12	1	320
056081	1	24	25	60	.1	8	6	946	2.42	682	5	ND	63	78	.2	3	3	30	.58	.091	82	23	.48	84	.08	4	.61	.05	.13	1	420
056082	1	45	30	66	.4	8	6	497	2.32	295	5	ND	62	78	.2	2	3	32	.53	.079	85	31	.42	61	.10	2	.71	.04	.15	1	360
056083	1	37	29	64	.2	5	6	310	2.07	270	5	ND	57	72	.3	3	2	24	.51	.072	69	27	.49	48	.08	3	.69	.04	.14	1	290
056084	1	49	40	80	.5	10	8	695	2.57	548	5	ND	51	80	.7	8	7	36	.55	.078	68	31	.50	104	.09	3	.80	.04	.16	1	780
056085	1	24	31	92	.1	9	8	1620	3.72	1186	5	ND	69	101	.2	4	2	45	.55	.079	67	26	.38	275	.07	2	1.05	.03	.14	1	330
056086	1	25	32	114	.1	14	10	2664	3.94	1286	5	ND	70	108	.2	6	4	43	.53	.092	98	22	.38	236	.02	4	1.10	.02	.17	1	390
056087	1	64	33	110	.1	11	10	1712	3.83	1562	5	ND	92	89	.2	5	5	51	.48	.093	97	26	.28	195	.02	2	.79	.02	.12	1	330
056088	1	20	32	71	.1	8	7	435	2.46	607	7	ND	82	62	.2	4	2	38	.52	.086	77	22	.28	53	.07	2	.61	.04	.12	1	440
056089	1	24	27	65	.1	8	6	536	2.12	520	5	ND	70	63	.2	2	2	35	.50	.080	78	25	.37	80	.08	3	.45	.05	.15	1	270
056090	2	18	35	95	.1	9	10	567	2.98	1186	8	ND	64	73	.2	4	7	42	.47	.088	85	29	.26	83	.04	3	.63	.03	.17	1	480
056091	1	18	29	100	.1	11	13	790	3.54	1388	5	ND	62	56	.2	4	12	46	.38	.090	88	24	.18	51	.01	2	.58	.02	.16	1	780
056092	2	34	25	96	.1	9	9	800	3.55	1458	20	ND	104	78	.2	11	5	39	.30	.064	57	30	.11	47	.01	4	.50	.01	.11	1	560
056093	3	29	26	103	.2	9	9	495	3.24	926	8	ND	70	89	.2	6	5	43	.49	.081	77	54	.33	64	.01	3	1.07	.02	.14	1	340
056094	1	34	35	126	.1	12	9	844	4.75	888	13	ND	54	120	.2	5	2	52	.64	.077	69	22	.66	99	.01	2	1.34	.01	.15	1	310
056095	1	24	33	78	.1	6	7	583	2.71	764	5	ND	64	80	.2	2	3	34	.55	.076	66	24	.57	59	.08	2	.85	.03	.13	1	250
056096	44	64	31	599	1.8	119	36	1188	3.32	998	5	ND	9	401	9.7	522	2	301	.21	.227	21	50	.06	2990	.01	10	.75	.01	.15	2	550
056097	31	75	30	503	3.0	88	14	585	2.10	617	5	ND	5	766	9.9	557	2	502	.76	.054	17	113	.05	5649	.01	11	1.04	.01	.15	3	380
056098	20	65	28	442	2.6	71	7	273	2.07	727	5	ND	6	336	8.4	2864	2	352	.24	.192	15	82	.04	2701	.01	10	.63	.01	.11	1	200
056099	30	46	56	729	.9	79	8	354	3.70	1126	5	ND	8	156	9.8	901	2	126	.15	.081	23	41	.04	1568	.01	11	.69	.01	.15	1	430
056100	18	43	44	833	.4	85	14	817	3.47	713	5	ND	9	189	13.1	107	2	70	1.06	.049	22	25	.37	1026	.01	6	.60	.01	.15	1	440
056101	10	43	42	589	.7	57	10	703	2.97	360	5	ND	7	392	11.2	63	2	181	1.96	.152	18	39	.62	458	.01	10	.69	.01	.15	1	240
056102	12	127	26	700	1.6	70	9	547	2.86	642	5	ND	6	314	21.3	79	2	116	1.66	.094	14	38	.67	90	.01	10	.66	.01	.15	1	390
056103	2	34	34	377	.6	27	10	741	3.30	4217	5	ND	8	376	7.2	39	3	39	3.53	.030	17	15	1.25	58	.01	9	.45	.01	.15	1	1100
056104	33	117	13	1024	9.0	87	5	285	1.61	888	9	ND	4	376	18.7	120	2	387	3.08	.366	15	74	1.17	50	.01	8	.62	.01	.14	1	330
056105	11	44	27	585	1.0	35	8	601	2.34	2189	5	ND	7	335	9.8	50	2	86	2.91	.136	19	43	1.01	47	.01	8	.55	.01	.15	1	660
056106	34	123	14	980	3.1	97	6	328	1.56	702	10	ND	4	487	28.5	126	2	425	2.94	.663	16	119	.82	60	.01	14	.78	.01	.16	1	260
056107	21	84	9	579	2.1	72	5	312	1.35	321	5	ND	2	348	14.9	74	2	227	2.84	.405	10	97	1.03	55	.01	11	.49	.01	.11	1	220
056108	18	59	12	537	1.7	58	6	418	1.84	579	5	ND	5	340	15.1	338	2	138	2.86	.183	12	69	1.09	43	.01	7	.46	.01	.11	1	270
056109	19	88	16	731	2.6	82	5	444	1.52	202	5	ND	4	461	15.1	152	2	208	4.03	.610	15	98	1.17	54	.01	12	.60	.01	.15	1	220
056110	27	126	24	946	3.0	113	5	382	1.13	143	6	ND	3	454	22.3	126	2	329	3.82	.801	13	152	1.06	56	.01	13	.67	.01	.17	1	39
056111	11	63	25	540	2.4	58	8	570	2.60	135	5	ND	6	458	9.8	63	2	151	3.48	.363	16	53	1.07	36	.01	13	.61	.01	.18	1	50
056112	27	141	19	1037	2.9	175	16	458	2.31	244	6	ND	5	425	19.3	51	2	485	2.02	.621	17	214	.62	35	.01	6	.96	.01	.08	1	24
STANDARD C/AU-R	17	60	38	131	7.4	75	32	1050	3.96	43	16	6	38	52	17.9	15	20	55	.48	.091	38	58	.88	176	.09	34	1.86	.06	.15	12	480

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

CLASSIC BCRE 91-668

BLUE BCRE 91-669

NOV-04-1991 15:41 FROM ACME ANALYTICAL TO NORANDA YT P.004/006

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
056113	26	92	20	1012	2.1	125	6	366	1.81	186	5	ND	3	397	19.2	71	2	440	1.89	.590	14	105	.61	31	.01	12	.91	.01	.16	1	52
056114	26	132	13	1043	3.4	168	6	161	1.06	142	5	ND	3	554	22.6	78	2	386	2.10	1.291	19	183	.23	101	.01	8	.87	.01	.08	1	20
056115	31	170	10	1300	5.1	162	4	139	.93	87	10	ND	2	414	22.4	37	2	486	3.39	1.292	21	227	.36	66	.01	17	.82	.01	.16	1	32
056116	40	178	13	1980	4.0	170	4	140	.88	79	5	ND	2	268	39.0	58	2	845	2.40	8.251	17	189	.44	103	.01	20	.69	.01	.16	1	24
056117	47	150	11	1809	3.2	179	4	133	.91	69	5	ND	2	309	33.0	47	3	756	2.06	1.228	14	156	.34	76	.01	24	.72	.01	.16	1	400
056118	1	42	17	251	.1	58	17	262	4.11	41	5	ND	4	44	.7	4	2	42	.08	.034	8	23	.58	728	.01	3	1.96	.01	.18	1	220
056119	1	44	19	254	.1	63	17	282	4.44	27	5	ND	4	45	.9	2	2	43	.11	.036	7	22	.73	1093	.01	4	2.21	.01	.20	1	200
056120	1	51	18	270	.2	66	16	250	4.21	13	5	ND	4	48	1.9	2	2	49	.11	.037	6	23	.73	913	.01	4	2.08	.02	.18	1	8
056121	1	44	20	281	.2	65	17	277	4.12	15	5	ND	4	55	2.4	2	2	46	.10	.034	7	16	.70	1362	.01	4	2.05	.01	.19	1	4
056122	2	44	17	341	.2	85	31	356	4.60	14	5	ND	4	48	2.6	2	2	43	.09	.035	7	8	.62	1766	.01	4	1.88	.01	.18	1	2
056123	1	41	19	341	.1	88	29	401	4.59	15	5	ND	5	43	4.0	2	2	39	.10	.039	10	23	.74	855	.01	5	2.16	.01	.19	1	2
056124	1	40	20	324	.1	77	19	275	4.68	13	5	ND	5	42	1.2	2	2	40	.10	.039	11	26	.74	615	.01	3	2.12	.01	.18	1	4
056125	3	45	22	369	.1	80	19	285	4.38	16	5	ND	4	59	1.0	2	2	44	.11	.037	9	35	.71	1125	.01	4	2.08	.02	.21	1	3
056126	3	51	24	327	.1	71	20	203	3.82	15	5	ND	4	69	1.1	2	2	45	.10	.034	7	15	.63	1256	.01	4	1.99	.02	.21	1	2
056127	1	43	14	259	.1	69	17	359	4.36	9	5	ND	5	42	9.1	2	2	41	.12	.039	13	30	.96	656	.01	4	2.40	.01	.18	1	3
056128	1	49	21	335	.1	103	22	250	3.78	17	5	ND	5	53	8.2	2	2	39	.14	.035	9	32	.88	277	.01	4	2.22	.01	.20	1	4
056129	1	45	14	358	.1	88	23	465	4.45	12	5	ND	5	54	5.4	2	2	38	.18	.039	11	32	.99	253	.01	4	2.10	.01	.20	1	2
056130	2	44	19	647	.1	101	41	900	4.31	13	5	ND	4	63	.4	2	2	42	.19	.036	7	32	.93	123	.01	4	1.61	.01	.20	1	210
056131	3	44	15	546	.1	100	39	804	4.03	18	5	ND	3	103	.6	2	2	36	.26	.025	6	30	.80	123	.01	4	1.06	.01	.18	1	12
056132	6	47	15	553	.2	89	30	607	3.80	19	5	ND	4	145	2.4	2	2	42	.48	.023	12	21	.87	113	.01	4	.56	.01	.18	1	230
056133	2	41	18	350	.1	88	33	803	4.86	15	5	ND	5	161	.2	2	2	35	.62	.025	17	25	1.01	156	.01	5	.65	.01	.21	1	200
056134	10	43	24	344	.2	89	19	240	3.31	31	5	ND	5	129	1.9	3	2	47	.49	.040	19	32	.57	41	.01	6	.63	.02	.22	1	7
056135	4	45	22	266	.1	57	21	734	4.70	23	5	ND	9	354	.3	3	2	50	3.23	.065	36	35	1.76	89	.01	4	.64	.01	.23	1	2
056136	7	36	21	323	.2	83	17	221	2.89	46	5	ND	5	91	1.7	4	2	32	.35	.022	22	24	.47	39	.01	5	.37	.01	.16	1	3
056137	7	37	413	310	.1	70	18	475	3.99	60	5	ND	8	231	1.0	9	2	48	1.83	.045	29	36	1.14	64	.01	6	.52	.01	.18	1	5
056138	4	32	27	260	.1	57	18	624	4.30	63	5	ND	12	229	1.0	14	2	36	1.90	.055	37	33	1.17	74	.01	4	.49	.01	.16	1	240
056139	3	25	31	203	.1	34	16	794	4.15	52	5	ND	13	434	.7	14	2	24	2.97	.058	42	23	1.54	190	.01	4	.49	.01	.17	1	210
056140	5	31	39	312	.2	52	16	582	3.39	110	5	ND	10	285	1.6	18	2	32	1.80	.039	31	32	.98	77	.01	5	.51	.01	.19	1	6
RE 056136	7	36	24	314	.2	82	17	214	2.81	43	5	ND	5	89	1.7	4	2	30	.34	.022	21	23	.45	43	.01	3	.36	.01	.16	1	1
056141	4	28	29	229	.1	35	17	834	3.80	72	5	ND	15	378	.4	12	2	23	2.57	.055	42	27	1.31	287	.01	5	.54	.01	.16	1	210
056142	4	27	30	215	.2	30	16	849	3.73	406	5	ND	12	396	.3	13	2	21	2.82	.057	30	30	1.33	64	.01	4	.49	.01	.14	1	230
056143	4	18	25	231	.1	26	16	813	3.44	571	5	ND	8	323	.2	11	2	24	2.75	.045	22	34	1.17	105	.01	4	.47	.01	.14	1	310
056144	4	21	24	272	.1	27	18	999	3.86	207	5	ND	10	167	.2	11	2	45	1.15	.041	24	46	.76	781	.01	3	.61	.01	.11	1	210
056145	3	18	25	203	.1	24	16	799	3.23	63	5	ND	9	238	.2	10	2	34	2.19	.049	23	25	1.03	833	.01	3	.51	.01	.12	1	13
056146	3	18	31	145	.1	21	13	810	3.41	250	5	ND	9	206	.2	12	2	38	2.14	.048	22	28	.91	486	.01	2	.49	.01	.11	1	210
056147	4	23	35	150	.1	24	13	938	3.59	84	5	ND	12	108	.2	35	2	38	.69	.026	27	34	.54	799	.01	5	.60	.01	.13	1	8
056148	6	28	42	143	.4	33	16	665	3.05	903	5	ND	12	83	.2	56	2	31	.24	.020	24	57	.31	195	.01	4	.46	.01	.10	1	550
STANDARD C/AU-R	20	60	39	131	7.4	74	34	1095	4.01	42	15	7	35	53	18.8	16	19	56	.49	.095	37	59	.87	186	.09	35	1.90	.06	.15	15	480

BLUE BORE 91-669

S. GOLDEN BORE 91-670

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

NOV-04-1991 15:43 FROM ACME ANALYTICAL TO MORANDA YT P.005/006

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
056149	2	26	47	137	.1	31	14	662	3.23	442	5	ND	11	63	.5	44	2	32	.24	.010	19	33	.34	196	.01	3	.37	.01	.09	1	260
056150	2	28	33	160	.1	32	15	839	3.73	219	5	ND	12	86	.5	21	2	38	.48	.020	21	39	.55	468	.01	4	.43	.01	.10	1	150
056151	3	27	76	239	.6	29	14	887	3.32	563	5	3	10	67	1.3	63	2	27	.29	.011	18	40	.34	246	.01	5	.34	.01	.10	1	2510
RE 056149	2	28	42	142	.1	32	15	680	3.40	461	5	ND	11	66	.6	48	2	33	.25	.011	20	33	.35	211	.01	3	.38	.01	.09	1	250

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

NOV-04-1991 15:44 FROM ACME ANALYTICAL TO NORANDA YT P.006/006

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9111-013 330 File # 91-5366

1050 Davie St., Vancouver BC V6E 3N4

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
056152	28	40	33	361	.4	94	12	872	3.13	495	5	ND	5	109	7.6	263	2	109	.22	.065	15	45	.12	1937	.01	12	.92	.01	.15	6	142
056153	16	37	40	394	.7	68	14	760	3.55	973	5	ND	7	103	4.8	385	2	80	.19	.059	22	55	.11	1983	.01	10	.93	.01	.16	5	220
056154	12	40	34	363	.7	52	15	583	3.35	740	5	ND	7	116	2.4	361	2	76	.24	.068	22	63	.18	2147	.02	12	1.12	.01	.17	1	179
RE 056159	14	82	51	1230	5.8	62	7	495	2.44	5568	5	ND	4	352	24.3	17334	2	114	2.87	.338	11	87	.93	64	.04	11	.62	.01	.12	1	510
056155	16	37	36	366	.9	55	16	593	3.73	781	5	ND	7	99	2.5	283	2	81	.23	.059	18	49	.13	1397	.02	14	.86	.01	.18	2	195
056156	3	19	36	722	.6	30	11	836	3.56	932	5	ND	10	283	7.1	134	2	51	2.80	.054	20	20	1.28	243	.01	10	.50	.01	.14	1	168
056157	10	35	27	580	2.5	43	10	702	3.24	690	5	ND	6	390	9.1	49	2	103	3.27	.156	16	67	1.23	65	.01	14	.74	.01	.18	1	230
056158	11	61	26	591	2.5	66	8	536	2.57	1044	5	ND	5	416	28.2	70	2	130	3.26	.420	15	46	.97	80	.01	8	.63	.01	.13	1	670
056159	11	84	56	1217	3.9	65	7	488	2.40	5536	5	ND	4	355	24.4	17097	3	115	2.87	.320	11	62	.92	45	.01	11	.61	.01	.13	1	490
056160	9	63	47	999	2.9	52	9	539	2.65	1883	5	ND	5	342	21.1	10317	2	93	3.04	.206	13	61	1.10	40	.01	11	.62	.01	.15	1	830
056161	24	98	18	1111	4.2	102	6	366	1.58	588	5	ND	3	312	24.1	1807	2	258	3.58	.329	11	125	1.50	51	.01	14	.59	.01	.14	1	182
056162	6	35	15	216	.6	27	10	417	2.51	282	5	ND	5	116	4.6	1793	2	55	1.31	.079	12	73	.83	388	.12	6	1.34	.08	.18	1	130
056163	35	125	16	1401	2.7	142	4	448	1.19	418	5	ND	2	363	26.5	463	2	664	3.76	1.093	13	126	.68	76	.01	23	.82	.01	.20	1	74
056164	9	38	31	673	.9	49	10	820	3.11	393	5	ND	8	360	18.6	246	2	90	3.16	.273	24	52	1.16	256	.01	13	.69	.01	.17	1	81
056165	27	89	28	955	2.5	116	8	575	2.03	717	8	ND	5	391	21.0	682	2	335	3.22	.488	18	103	.77	60	.01	21	1.02	.01	.20	1	138
056166	20	129	27	887	3.1	113	18	812	2.32	271	5	ND	10	422	18.3	149	2	454	5.18	.674	31	299	1.52	108	.01	11	.90	.01	.08	1	61
056167	29	145	25	1192	2.5	143	16	665	1.90	220	5	ND	13	554	25.2	88	4	600	4.45	.959	31	341	1.17	73	.01	11	1.13	.01	.08	1	45
056168	34	123	16	1346	2.2	140	5	450	1.16	402	5	ND	3	360	25.9	448	2	628	3.61	1.032	14	124	.66	66	.01	21	.78	.01	.19	1	78
056169	34	152	9	1284	2.0	154	6	375	1.18	180	5	ND	3	448	28.3	108	2	529	4.32	1.115	16	308	1.12	58	.01	22	.83	.01	.14	1	44
056170	24	83	9	740	2.2	88	5	644	1.04	215	5	ND	3	374	16.2	254	2	302	6.31	.807	12	135	2.19	89	.01	19	.61	.01	.12	1	62
056171	28	103	11	1103	3.8	128	6	232	1.39	178	8	ND	2	329	17.3	84	2	362	2.47	.687	9	143	.53	47	.01	23	.71	.01	.16	1	54
STANDARD C/AU-R	19	61	38	134	6.6	70	31	1051	3.92	143	16	7	37	49	18.4	14	21	55	.49	.086	38	56	.88	176	.09	33	1.85	.06	.15	11	480

BLUE ZONE BRC 91-671

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. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: NOV 4 1991 DATE REPORT MAILED: Nov 6/91. SIGNED BY: ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

DIAMOND
DRILLING

093027

ACME ANALYTICAL LABORATORIES LTD.

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-050 330 File # 91-4260 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
32901	19	16	54	53	4.0	14	2	62	.96	177	5	ND	3	30	.3	47	2	14	.04	.017	4	199	.02	485	.01	7	.34	.01	.11	1	62	1150
32902	10	19	28	43	.9	12	3	88	1.38	772	5	ND	3	61	.3	54	2	24	.13	.013	6	93	.04	628	.01	11	.61	.01	.31	1	170	2100
32903	8	24	138	81	21.1	12	3	95	1.77	905	5	ND	4	42	.3	26	2	18	.12	.013	5	67	.04	501	.01	11	.53	.01	.29	1	160	3500
32904	8	20	24	68	1.3	11	2	104	1.32	736	5	ND	5	54	.8	39	2	16	.13	.009	6	82	.04	431	.01	8	.52	.01	.21	1	780	3600
32905	7	50	22	112	.6	26	8	223	3.14	1241	5	ND	7	75	.2	165	2	24	.10	.012	18	60	.05	502	.01	9	.79	.01	.35	1	460	3100
32906	6	35	32	28	3.1	8	2	20	1.19	576	5	ND	4	47	.2	1871	2	18	.03	.006	8	62	.03	464	.01	9	.59	.01	.24	1	2780	3250
32907	6	54	18	98	6.7	43	10	48	3.61	3831	5	2	6	69	.6	1433	2	35	.02	.013	17	55	.05	489	.01	8	.93	.01	.31	1	4380	3800
32908	6	54	25	208	2.0	102	24	623	6.57	5396	5	5	5	98	1.2	1532	2	44	.41	.020	17	97	.11	535	.01	5	1.04	.01	.21	1	3660	3050
32909	3	69	11	278	.7	160	41	1372	8.16	2954	5	ND	3	206	1.9	228	2	56	1.78	.026	12	88	.72	629	.01	2	1.01	.01	.16	1	900	2900
32910	3	61	19	256	.6	175	43	1124	7.74	3665	5	ND	4	229	1.7	156	2	55	2.12	.020	11	87	1.09	147	.01	3	.80	.01	.17	1	1120	8100
32911	3	49	31	93	3.1	40	10	150	3.39	7135	5	3	8	206	.4	129	2	23	.32	.010	27	25	.13	280	.01	9	.64	.01	.35	1	5220	2750
32912	3	86	22	139	2.5	25	8	74	3.32	3952	5	ND	5	265	.5	181	2	24	.16	.010	9	19	.08	158	.01	7	.74	.01	.38	1	2850	2100
32913	2	58	21	131	1.0	34	9	102	2.99	5736	5	ND	4	212	.8	80	2	22	.11	.011	5	20	.08	228	.01	10	1.02	.01	.47	1	1750	1750
32914	3	60	24	221	.5	84	16	199	3.41	1976	8	ND	4	135	1.0	96	2	21	.15	.021	5	27	.14	335	.01	11	1.22	.01	.43	1	200	1600
32915	4	53	22	138	.4	41	12	192	3.55	1183	5	ND	4	157	.5	66	2	17	.18	.025	5	27	.17	301	.01	11	.93	.01	.47	1	126	1700
32916	3	51	30	186	.6	47	13	289	3.67	1179	5	ND	4	85	.6	86	2	14	.37	.027	5	21	.34	323	.01	8	.72	.01	.32	1	280	1450
32917	2	47	18	119	3.5	33	14	257	3.58	18705	5	10	3	333	.5	3303	2	21	.76	.007	4	23	.44	76	.01	10	.67	.01	.35	1	18100	1550
32918	1	50	12	115	2.9	27	12	263	3.15	8866	5	6	3	255	.2	215	2	17	.74	.010	4	16	.37	86	.01	8	.55	.01	.29	1	9400	1750
32919	5	44	20	92	3.2	32	10	408	2.95	9267	5	9	3	346	.6	2479	2	21	1.66	.011	4	57	.76	72	.01	9	.59	.01	.28	1	16200	2100
32920	2	59	23	75	3.3	39	14	779	3.73	6393	5	4	6	464	1.0	3237	2	51	3.95	.021	14	109	1.70	83	.01	8	.73	.01	.25	1	6580	5900
RE 32916	3	52	26	198	.4	47	13	298	3.80	1215	5	ND	4	86	.6	92	2	15	.38	.024	5	22	.35	339	.01	9	.74	.01	.33	1	280	1450
32921	4	58	23	89	2.8	44	15	1064	3.66	4176	7	3	9	544	1.4	3631	2	63	5.42	.024	18	137	2.25	134	.01	3	.55	.01	.07	1	4050	6700
32922	10	25	39	74	2.5	23	7	99	1.59	168	5	ND	4	37	.2	108	2	12	.19	.004	9	103	.08	150	.01	7	.39	.01	.17	1	178	1900
32923	9	35	28	165	.5	37	10	160	2.65	312	5	ND	6	64	.7	86	2	15	.35	.004	15	81	.16	112	.01	8	.53	.01	.22	1	126	1650
32924	20	69	21	556	2.4	93	12	309	2.69	1268	9	ND	3	216	5.8	62	2	125	1.74	.104	8	95	.82	49	.01	5	.70	.01	.11	1	440	12000
32925	9	131	14	314	1.1	71	18	785	3.72	2570	5	ND	2	485	2.7	67	2	97	5.16	.106	8	137	2.49	66	.01	5	.56	.01	.15	1	1360	8200
32926	6	71	19	338	.4	44	13	433	3.63	198	5	ND	5	163	.9	26	2	27	1.30	.026	10	59	.93	50	.01	10	.67	.01	.32	1	98	1450
32927	5	67	57	269	.5	54	19	595	3.74	39	5	ND	7	209	.9	33	2	50	2.89	.038	17	157	1.44	107	.01	11	.83	.01	.30	1	18	2300
32928	7	42	16	112	.1	38	12	298	2.71	15	5	ND	3	284	.6	17	2	12	7.65	.021	4	31	1.15	112	.01	9	.45	.01	.24	1	8	1100
32929	8	44	15	120	.1	42	11	280	2.74	13	5	ND	3	404	.9	2	2	16	8.76	.015	3	15	1.15	51	.01	10	.42	.01	.23	1	8	1900
32930	6	40	14	98	.1	42	12	314	2.87	12	5	ND	3	407	.6	2	2	14	10.70	.020	4	13	1.22	50	.01	13	.57	.01	.29	1	8	2100
32931	5	40	15	95	.1	37	11	337	2.81	18	6	ND	3	499	.6	6	2	12	13.07	.012	4	13	1.24	49	.01	12	.56	.01	.28	1	8	2100
32932	13	13	22	47	1.5	14	3	164	.93	59	5	ND	3	30	.9	34	2	16	.14	.010	4	145	.04	408	.01	8	.27	.01	.12	1	16	1350
32933	16	18	14	92	.4	19	3	221	1.27	278	5	ND	3	38	.8	40	2	28	.17	.015	5	136	.04	417	.01	7	.41	.01	.16	1	103	2050
32934	11	16	22	108	.3	15	3	95	1.83	158	5	ND	5	55	.2	28	2	24	.15	.020	7	63	.05	537	.01	10	.56	.01	.29	1	27	4550
32935	8	27	24	90	.7	15	4	442	1.91	969	5	ND	6	94	1.3	77	2	23	.17	.013	18	56	.07	539	.01	10	.65	.01	.36	1	920	5050
32936	4	49	24	82	.6	23	6	124	2.55	1481	5	ND	9	102	.2	296	2	26	.14	.012	37	42	.08	455	.01	9	.71	.01	.38	1	970	3700
STANDARD C/AU-R	18	57	36	132	6.9	69	32	1037	3.97	41	19	7	38	53	18.5	15	18	56	.48	.089	38	58	.88	176	.09	34	1.93	.05	.15	13	460	1700

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: PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 9 1991 DATE REPORT MAILED: Sept 16/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCDOH 91-26

BCDOH 91-27

FROM ACME ANALYTICAL TO NORANDA VT

SEP-13-1991 11:05 P.002/004

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9109-050 330 FILE # 91-4260 Pa

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
32937	6	39	22	150	2.2	93	20	86	5.95	9177	5	6	5	126	.8	1331	2	48	.16	.014	13	91	.05	494	.01	6	.79	.01	.23	1	5888	12000
32938	6	98	14	283	2.4	175	41	185	8.66	5259	5	4	1	91	3.5	26158	2	61	.16	.006	5	108	.03	252	.01	7	.70	.01	.13	1	4635	11500
32939	6	81	12	332	.6	148	33	186	8.32	5224	5	ND	7	52	.4	783	2	50	.03	.009	15	96	.04	353	.01	7	.80	.01	.17	1	1196	6800
32940	5	110	9	404	.5	215	59	712	9.17	4129	5	ND	6	92	1.5	382	2	68	.08	.017	18	100	.06	641	.01	7	1.14	.01	.18	1	1047	3300
32941	6	77	18	281	.3	126	34	678	6.47	1736	5	ND	7	70	.5	167	2	40	.18	.013	23	69	.09	525	.01	9	.88	.01	.28	1	165	2250
32942	3	46	31	131	.9	24	8	100	3.76	2879	5	ND	6	63	.2	49	2	17	.11	.015	14	22	.06	467	.01	9	.62	.01	.31	1	449	1450
32943	3	46	25	134	1.6	23	7	107	2.90	5516	5	ND	5	69	.2	51	2	15	.11	.012	6	20	.06	394	.01	10	.63	.01	.35	1	2599	1450
32944	3	97	22	101	3.8	28	8	140	3.61	7834	5	3	4	99	.5	52	2	16	.13	.006	5	21	.06	123	.01	7	.64	.01	.26	1	8418	1850
32945	2	53	19	156	1.8	33	11	197	3.31	4923	5	ND	4	166	1.3	47	2	17	.38	.006	4	20	.26	205	.01	8	.70	.01	.29	1	3841	1450
145201	7	253	24	291	.6	94	17	395	4.72	101	5	ND	11	119	2.4	26	2	119	.04	.057	27	192	.06	1383	.01	9	1.16	.01	.07	1	37	3900
145202	13	257	56	702	.6	190	41	918	6.92	228	7	ND	22	253	11.1	56	2	219	.05	.116	59	276	.03	2552	.01	6	1.56	.01	.05	1	23	4500
145203	59	140	13	481	1.6	92	6	101	3.14	115	5	ND	4	155	4.4	42	2	391	.20	.073	16	147	.04	1913	.01	16	.61	.01	.15	1	32	7500
145204	17	138	16	46	6.5	34	8	56	.81	58	9	ND	4	1186	13.3	1493	2	726	.29	.604	13	256	.05	11433	.01	10	1.36	.01	.10	1	51	12000
145205	13	154	25	55	6.9	32	4	19	1.62	913	6	ND	4	868	13.9	5677	2	529	.25	.346	17	142	.04	6430	.01	11	1.15	.01	.19	1	105	9650
145206	8	35	27	114	2.2	24	2	17	1.73	149	5	ND	7	159	2.1	1423	2	104	.10	.056	26	61	.03	1084	.01	14	.82	.01	.19	1	180	3200
145207	5	32	35	134	1.4	31	3	40	2.71	288	5	ND	10	182	1.3	675	2	92	.06	.062	32	44	.02	779	.01	12	.76	.01	.14	1	253	3950
145208	5	17	19	84	1.0	19	2	20	1.15	311	5	ND	7	119	.6	164	2	51	.04	.042	25	50	.02	703	.01	10	.74	.01	.12	1	391	2150
145209	7	25	10	41	1.5	12	1	16	.70	92	5	ND	5	58	.3	192	2	79	.07	.022	19	49	.02	643	.01	8	.49	.01	.15	1	147	3050
145210	10	20	15	24	1.6	10	1	20	.71	535	5	ND	4	117	.8	166	2	56	.06	.050	17	28	.01	1051	.01	6	.46	.01	.08	1	241	3100
145211	5	6	19	20	1.0	4	1	13	.67	456	5	ND	6	101	.5	151	2	35	.04	.036	22	52	.02	708	.01	11	.77	.01	.11	1	265	1800
145212	4	8	30	43	1.6	8	1	9	.69	758	5	ND	7	125	.5	1303	2	30	.05	.043	28	47	.02	825	.01	13	.91	.01	.14	1	334	1900
145213	2	9	35	35	1.6	11	1	8	.67	578	5	ND	8	147	.6	3722	2	28	.07	.041	30	29	.03	795	.01	13	.87	.01	.15	1	587	2150
145214	4	23	44	208	2.1	24	5	677	2.38	1556	5	ND	9	158	2.1	1212	2	38	.07	.040	35	27	.03	822	.01	13	.80	.01	.17	1	656	2300
145215	5	41	45	496	2.8	37	12	535	4.26	1571	5	ND	10	84	2.6	1843	2	38	.06	.036	31	36	.03	778	.01	16	.82	.01	.17	1	311	2300
145216	4	32	29	286	1.4	26	6	142	2.59	882	5	ND	7	135	1.5	2434	2	36	.07	.044	26	36	.03	760	.01	14	.75	.01	.16	1	212	2650
145217	6	38	34	356	1.6	46	14	693	3.20	2273	5	ND	6	153	1.8	526	2	79	.10	.051	17	37	.03	2079	.01	15	.76	.01	.16	1	368	3400
145218	25	18	14	94	2.0	18	3	50	1.07	252	5	ND	3	193	.4	230	2	94	.07	.086	7	150	.02	3164	.01	14	.50	.01	.11	1	97	4350
145219	16	7	10	28	.5	15	2	31	.45	113	5	ND	3	306	.3	124	2	12	.10	.143	5	103	.02	3966	.01	13	.52	.01	.10	1	66	4000
145220	12	18	23	365	.8	38	9	390	2.81	2078	5	ND	6	117	1.7	283	2	57	.08	.058	15	89	.02	2678	.01	12	.63	.01	.13	1	299	2400
145221	11	30	34	788	.8	90	17	1402	4.40	1461	5	ND	11	104	5.9	566	2	48	.09	.058	31	58	.04	1893	.01	15	.90	.01	.14	1	437	2900
145222	9	24	36	1097	.1	88	20	1042	5.01	786	5	ND	13	107	3.7	568	2	43	.06	.064	37	49	.04	1860	.01	11	.88	.01	.15	1	76	1800
145223	11	27	37	1043	.1	84	22	995	5.09	1144	5	ND	13	105	4.5	658	2	38	.07	.056	37	55	.03	1675	.01	12	.71	.01	.14	1	135	1500
145224	8	23	30	1035	.2	73	21	977	4.81	1244	5	ND	11	90	5.3	463	2	43	.08	.059	27	38	.04	1348	.01	13	.70	.01	.14	1	160	1250
RE 145221	12	30	38	788	.8	94	18	1463	4.54	1607	5	ND	11	112	6.2	582	2	51	.09	.060	33	58	.04	1952	.01	15	.90	.01	.20	1	460	2800
145225	12	14	25	231	.7	33	6	308	1.55	474	5	ND	4	151	3.1	144	2	67	.07	.078	10	102	.02	3006	.01	12	.56	.01	.12	1	157	5900
145226	26	48	29	229	1.8	62	6	414	1.93	129	6	ND	6	214	1.7	306	2	147	.21	.072	14	44	.05	1551	.01	16	.83	.01	.30	1	167	6800
145227	20	105	33	532	1.1	58	9	358	3.84	3680	7	ND	10	175	20.6	203	2	102	.15	.097	30	40	.03	1316	.01	11	.76	.01	.17	1	1173	5200
STANDARD C/AU-R	18	59	37	131	7.1	70	32	1052	4.01	41	19	7	39	54	18.6	16	19	57	.50	.092	38	58	.87	178	.09	34	1.91	.06	.15	11	460	1500

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-063 330 File # 91-4425 Page 1

1050 Davie St., Vancouver BC V6E 1N4

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	Hg ppb
032946	5	23	45	39	4.7	9	2	110	1.40	3812	5	12	9	37	1.3	501	2	22	.12	.011	16	53	.05	435	.01	9	.46	.01	.19	2	10800	5000
032947	9	135	21	312	2.0	149	35	1083	6.45	5399	6	4	11	75	2.3	1885	3	64	.21	.026	24	89	.07	706	.01	6	1.02	.01	.20	1	3110	13500
032948	9	39	46	275	.9	58	22	741	5.04	3738	5	2	26	71	1.5	613	2	33	.15	.031	60	33	.05	788	.01	5	.79	.01	.19	3	2030	3250
032949	8	38	39	218	.5	53	21	1041	4.61	1530	5	ND	26	69	1.2	411	8	30	.09	.037	63	30	.05	855	.01	9	.68	.01	.19	1	166	2100
032950	9	41	46	247	.5	57	26	420	5.25	1584	5	ND	28	64	1.0	444	2	39	.08	.042	64	32	.05	848	.01	7	.70	.01	.18	1	139	4650
032951	6	33	29	228	.2	50	20	492	4.98	1063	5	ND	27	155	1.2	219	2	32	.89	.084	60	31	.36	657	.01	7	.62	.01	.20	1	58	2150
032952	5	33	24	201	.1	41	19	672	4.62	1268	5	ND	25	189	.8	118	2	30	1.39	.084	52	30	.57	516	.01	9	.52	.01	.21	1	170	2750
032953	4	32	41	139	.7	28	14	425	4.27	5143	5	2	20	278	.9	134	2	23	1.43	.023	38	23	.62	318	.01	5	.47	.01	.16	1	1230	2700
032954	9	41	67	137	1.8	40	14	338	4.50	9223	5	4	20	210	1.5	370	2	22	.66	.020	43	26	.23	313	.01	2	.59	.01	.17	1	4280	3400
032955	6	16	25	27	.4	14	6	63	1.56	587	5	ND	6	41	.2	110	2	9	.13	.010	7	29	.05	375	.01	8	.34	.01	.20	1	230	1300
032956	7	26	32	38	.3	18	7	89	1.98	634	5	ND	6	41	.3	53	2	10	.11	.009	6	31	.05	305	.01	9	.45	.01	.24	1	97	1400
032957	6	38	25	82	2.8	32	14	300	3.03	4601	5	ND	5	224	.8	71	4	11	.70	.006	5	35	.34	114	.01	7	.51	.01	.26	1	4530	2200
RE 032962	3	50	14	76	1.1	41	16	495	3.30	3248	5	ND	6	301	.2	52	2	16	2.22	.013	12	34	1.00	124	.01	10	.48	.01	.25	1	2170	1450
032958	5	31	13	86	.7	17	9	196	2.68	2221	5	ND	5	129	.6	132	2	9	.34	.008	6	52	.15	226	.01	10	.41	.01	.25	1	680	1650
032959	3	24	16	37	1.6	18	8	23	2.53	2151	5	ND	6	125	.3	64	2	16	.10	.003	6	38	.04	108	.01	6	.46	.01	.24	1	1720	2100
032960	2	42	22	62	2.0	24	11	178	2.81	3519	5	ND	5	195	.3	80	2	12	.78	.005	5	24	.34	118	.01	11	.59	.01	.29	1	2210	2550
032961	3	37	46	90	2.2	50	13	256	3.05	2867	5	ND	3	329	.7	921	2	18	1.11	.006	6	33	.54	102	.01	8	.63	.02	.22	1	3190	1900
032962	3	49	17	77	.9	41	16	495	3.31	3248	5	ND	5	304	.6	66	2	16	2.22	.013	12	35	1.00	125	.01	10	.48	.01	.25	1	2140	1600
032963	3	53	22	163	1.1	35	15	164	2.75	3444	5	ND	4	142	.7	70	2	13	.69	.009	6	21	.24	121	.01	8	.47	.01	.25	1	1570	2250
032964	3	51	21	120	1.3	35	15	264	2.88	2928	5	ND	4	133	.6	778	2	14	.63	.013	4	28	.28	170	.01	11	.49	.01	.26	1	1690	1850
032965	4	44	19	121	1.5	43	17	596	4.00	6018	5	2	4	240	.6	1150	2	15	1.20	.012	4	34	.64	77	.01	7	.47	.01	.23	1	5830	2150
032966	7	35	20	136	1.0	38	15	428	2.88	1232	5	ND	8	249	.9	91	2	21	1.30	.010	14	66	.61	47	.01	8	.40	.01	.18	1	480	3100
032967	8	37	26	157	1.5	51	16	454	3.22	864	5	ND	7	195	.9	93	2	29	1.73	.012	10	85	.70	86	.01	8	.40	.01	.18	1	430	4300
032968	6	18	23	96	1.2	34	12	720	2.84	229	5	ND	7	456	.8	232	2	21	2.35	.014	17	58	1.00	112	.01	5	.42	.01	.11	1	260	2200
032969	5	32	23	104	1.5	34	12	601	3.01	862	5	ND	9	466	.8	558	2	24	2.85	.018	18	46	1.18	92	.01	7	.43	.01	.13	1	560	2600
032970	4	63	28	177	1.2	67	25	999	4.29	780	5	ND	11	319	1.0	163	2	60	4.41	.032	20	143	1.71	107	.01	4	.48	.01	.15	1	340	5650
032971	7	34	22	111	1.0	35	13	326	2.71	1105	5	ND	8	172	.8	71	2	20	1.16	.008	12	56	.50	93	.01	10	.42	.01	.21	1	440	2650
032972	6	28	20	107	2.0	28	11	492	2.73	2208	5	ND	7	246	.9	49	2	26	1.70	.009	15	39	.69	116	.01	7	.39	.01	.16	1	1210	2500
032973	5	15	15	67	1.3	13	7	586	2.17	1204	5	ND	4	223	.2	363	2	31	2.20	.012	10	49	.85	92	.01	4	.37	.01	.09	1	930	2300
032974	13	66	27	496	4.2	61	13	533	2.82	991	5	ND	6	314	6.6	3997	2	134	2.86	.085	14	84	1.22	54	.01	5	.49	.01	.06	1	640	11500
032975	39	116	24	1179	1.7	99	9	493	1.99	80	6	ND	9	345	11.1	70	2	273	4.35	.179	20	104	2.01	104	.01	9	.62	.01	.13	1	112	17500
032976	7	44	17	146	.2	34	13	293	2.81	67	5	ND	4	148	.5	36	2	20	1.21	.027	7	58	.69	125	.01	13	.53	.01	.26	1	51	1100
032977	7	22	24	46	.7	14	4	137	2.02	430	5	ND	5	44	.4	71	2	25	.17	.011	5	41	.06	394	.01	11	.53	.01	.27	1	78	3150
032978	6	14	27	20	.9	10	4	94	1.58	359	5	ND	6	45	.2	78	2	19	.17	.009	7	39	.05	413	.01	11	.44	.01	.27	1	221	3150
032979	7	55	24	125	4.4	94	25	467	4.56	2258	5	9	8	84	.9	1228	3	47	.12	.019	20	105	.06	643	.01	10	.68	.01	.26	1	7350	5400
032980	6	29	22	58	.7	24	11	273	1.45	647	5	ND	5	43	.3	322	2	17	.13	.011	12	38	.05	512	.01	9	.45	.01	.19	1	150	2400
032981	9	25	40	70	.3	18	7	48	2.25	849	5	ND	5	34	.5	185	2	14	.12	.010	7	34	.04	487	.01	6	.49	.01	.19	1	56	1700
STANDARD C/AU-R	19	57	37	130	7.1	71	32	1044	3.92	39	18	7	40	52	18.6	16	20	56	.47	.090	39	57	.86	175	.09	31	1.86	.06	.15	13	470	1300

BEOOH 91-28

BLUE BEOOH 91-29

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 13 1991 DATE REPORT MAILED: Sept 19/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
032982	10	49	18	90	.3	22	6	30	3.38	1307	5	ND	5	37	.7	291	2	16	.08	.011	7	36	.04	781	.01	9	.52	.01	.22	1	71	1450
032983	9	25	21	69	.2	18	6	25	3.37	582	5	ND	4	31	.2	339	2	17	.06	.011	6	29	.04	882	.01	11	.51	.01	.27	2	83	1000
032984	7	9	19	30	.7	10	3	16	1.93	877	5	ND	5	60	.2	269	2	13	.10	.008	6	54	.05	358	.01	11	.50	.01	.38	1	520	1150
032985	7	13	20	46	1.5	11	4	60	2.08	3661	5	2	5	95	.2	769	2	12	.09	.007	7	47	.05	393	.01	12	.50	.01	.36	1	4330	1550
032986	7	20	22	110	2.9	24	13	122	2.99	2730	5	ND	7	132	.6	318	2	18	.12	.011	8	40	.07	319	.01	13	.74	.01	.39	1	2790	2250
032987	4	145	6	104	15.7	67	19	632	4.51	15332	9	10	3	1174	.6	7671	2	32	3.56	.009	11	51	1.65	78	.01	5	.71	.01	.20	1	12200	5200
032988	3	90	12	110	5.8	60	19	461	4.88	10442	9	5	3	658	.2	2517	2	28	1.90	.011	18	40	.93	125	.01	7	.77	.01	.34	1	7410	2900
032989	2	46	19	111	1.8	27	9	42	3.24	3778	5	ND	5	290	.2	306	3	19	.23	.011	11	16	.11	93	.01	11	.72	.01	.38	1	2160	1900
032990	2	50	27	113	1.0	26	8	53	3.02	1465	5	ND	3	278	.8	273	2	18	.22	.013	7	17	.11	135	.01	11	.78	.01	.37	1	510	1200
032991	4	30	13	68	2.1	26	6	232	2.00	1964	5	ND	2	496	.3	5915	2	27	.93	.008	3	40	.57	99	.01	12	.81	.01	.37	1	2190	1600
RE 032995	1	47	15	112	2.8	31	16	187	3.62	10324	5	6	3	126	.2	572	3	16	.30	.010	3	11	.16	88	.01	12	.62	.01	.36	1	10600	1700
032992	3	52	17	83	3.2	27	7	90	2.01	3640	5	2	3	209	.3	1440	2	20	.36	.011	4	29	.18	175	.01	13	.98	.01	.38	1	3630	2050
032993	3	38	12	116	4.8	20	7	171	2.19	4054	5	9	2	254	.3	6403	2	29	.55	.005	3	22	.26	117	.01	11	.71	.01	.35	1	10200	1800
032994	2	71	12	125	8.9	31	15	195	3.31	10459	5	18	3	257	.2	899	2	28	.57	.004	3	15	.28	85	.01	10	.65	.01	.34	1	24200	2200
032995	1	50	13	119	3.0	32	17	195	3.74	10753	5	6	3	120	.2	475	2	16	.30	.011	3	13	.16	94	.01	10	.66	.01	.38	1	11700	1800
032996	2	69	16	246	5.9	28	15	379	3.58	11939	5	14	3	275	.6	4903	2	27	1.01	.014	5	26	.48	111	.01	10	.59	.01	.32	1	18800	2650
032997	2	82	33	109	4.8	50	21	1029	3.96	3836	5	2	9	378	.9	17143	5	79	6.78	.035	26	135	2.24	100	.01	8	.66	.01	.15	2	3810	6050
032998	5	46	37	139	1.2	20	9	240	2.51	306	5	ND	8	194	.8	117	2	19	.69	.012	26	33	.27	131	.01	12	.63	.01	.28	1	270	2650
032999	7	34	34	256	1.7	29	10	753	3.12	487	5	ND	8	484	1.7	69	2	67	3.08	.038	20	36	1.17	157	.01	10	.58	.01	.13	1	290	3300
033000	4	84	22	294	1.5	80	23	1005	3.86	1986	5	ND	8	472	2.2	105	2	113	8.13	.051	17	183	3.04	145	.01	5	.58	.01	.08	1	950	5850
033001	23	76	7	652	1.7	109	16	631	2.76	172	5	ND	3	294	5.3	50	2	167	5.34	.049	8	77	2.14	200	.01	13	.64	.01	.18	1	48	5500
033002	16	14	7	36	.2	9	2	53	.56	94	5	ND	1	27	.3	142	2	15	.19	.008	2	163	.08	222	.01	6	.22	.01	.08	1	65	645
033003	10	89	30	156	.8	30	10	175	3.00	1217	5	ND	14	69	.5	466	2	26	.09	.031	33	62	.04	605	.01	11	.68	.01	.27	1	320	2050
033004	8	115	23	71	.4	17	5	47	2.23	352	5	ND	7	117	.2	173	2	21	.13	.032	8	48	.06	667	.01	13	.85	.02	.43	1	64	1750
033005	7	85	18	130	.4	38	11	106	2.82	413	5	ND	6	55	.8	121	2	22	.09	.019	8	47	.04	441	.01	10	.70	.02	.28	1	81	360
033006	6	40	22	127	.4	29	11	51	2.32	272	5	ND	6	32	.2	72	2	16	.04	.012	9	33	.03	428	.01	8	.61	.01	.24	1	90	405
033007	8	50	22	160	.3	33	10	68	2.89	333	5	ND	6	30	.2	97	2	15	.03	.015	7	54	.03	427	.01	9	.61	.02	.24	1	66	645
033008	5	14	37	13	1.0	4	1	68	1.84	63	5	ND	2	39	.2	23	2	11	.10	.009	5	43	.04	400	.01	13	.39	.01	.38	1	10	905
033009	6	12	22	21	.4	5	2	51	1.41	42	5	ND	3	32	.3	28	2	9	.08	.009	5	53	.04	393	.01	14	.47	.01	.33	1	12	1000
033010	7	26	20	67	.2	12	6	80	2.91	75	5	ND	4	37	.2	36	2	14	.06	.012	6	72	.03	340	.01	12	.40	.01	.26	1	39	330
033011	5	26	21	53	.4	12	5	44	1.81	190	5	ND	5	37	.2	30	2	10	.07	.018	8	56	.03	338	.01	10	.41	.01	.23	1	12	190
033012	6	32	252	75	.1	26	6	108	1.38	256	5	ND	5	51	.5	35	2	10	.14	.017	17	65	.07	380	.01	8	.48	.01	.16	1	18	355
033013	3	36	28	145	.5	29	14	654	3.88	3226	7	ND	15	492	.6	60	2	25	2.98	.063	38	26	1.21	354	.01	5	.49	.01	.22	1	750	2100
033014	4	32	15	192	.2	37	17	670	4.07	879	5	ND	22	224	.5	59	2	32	2.62	.107	53	38	1.05	227	.01	5	.53	.01	.24	1	41	765
033015	4	30	21	168	.3	31	15	662	3.97	1061	5	ND	19	515	.4	43	3	27	3.48	.077	41	35	1.29	158	.01	7	.49	.01	.23	1	170	820
033016	4	40	27	230	.2	44	17	654	4.26	759	6	ND	18	362	1.0	70	2	30	2.54	.070	49	36	1.05	377	.01	8	.74	.01	.26	1	41	1250
033017	4	46	22	197	.1	43	17	256	3.67	958	5	ND	7	47	.3	85	2	12	.13	.023	18	32	.10	422	.01	11	.65	.01	.31	1	15	350
STANDARD C/AU-R	20	63	40	133	7.3	71	32	1044	3.99	42	24	7	39	52	18.6	18	19	59	.48	.092	40	60	.87	177	.08	37	1.90	.06	.16	11	470	1400

BLUE BOOH 91-29

BLUE BOOH 91-30

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
033018	3	46	21	127	5.2	37	14	53	3.34	6653	5	6	4	112	.3	178	2	11	.21	.008	7	30	.11	60	.01	8	.54	.01	.27	1	9780	1500
033019	3	41	20	130	3.7	40	16	116	3.71	6542	5	2	3	88	.2	70	2	11	.31	.011	4	28	.17	64	.01	7	.52	.01	.26	1	4520	1150
033020	5	38	18	148	1.4	56	13	156	3.10	4483	5	ND	4	60	.2	76	3	13	.29	.012	5	44	.23	147	.01	7	.58	.01	.24	1	2610	915
033021	3	54	24	155	.2	42	14	308	3.62	1152	5	ND	2	51	.2	58	2	14	.25	.016	4	24	.51	312	.01	5	.45	.01	.23	1	171	1000
033022	4	30	5	71	4.0	26	7	16	1.64	586	5	2	1	12	.3	20254	2	17	.05	.001	3	68	.03	29	.01	5	.24	.01	.08	1	2590	1200
033023	8	29	29	106	2.7	30	9	10	1.99	5495	6	3	2	22	.9	20268	2	22	.04	.008	4	79	.02	25	.01	7	.39	.01	.15	1	4540	1700
033024	8	25	16	106	1.6	29	9	9	1.86	1769	5	ND	3	17	.2	12651	2	11	.05	.005	5	76	.03	36	.01	6	.34	.01	.16	1	490	1150
033025	8	25	103	182	1.8	32	9	23	1.48	410	5	ND	3	18	1.0	6040	2	12	.06	.005	5	54	.03	130	.01	7	.35	.01	.17	1	191	1600
R141901	6	31	17	71	.4	15	3	35	2.09	128	5	ND	6	78	.2	22	2	35	.22	.020	33	13	.06	873	.01	6	.55	.01	.16	1	14	1350
R141902	5	38	18	382	.6	67	20	583	5.36	938	5	ND	7	186	3.2	15	2	48	.52	.144	29	25	.13	416	.01	8	.74	.01	.24	1	27	5950
R141903	10	60	23	463	1.3	81	14	186	4.41	383	5	ND	4	306	3.4	20	3	134	.21	.166	18	31	.08	3913	.01	12	1.00	.01	.20	1	37	5250
R141904	7	43	29	520	.5	97	29	1553	5.38	1329	5	ND	5	237	7.5	22	3	40	1.02	.114	17	29	.17	1266	.01	7	.89	.01	.19	1	58	5850
R141905	10	70	14	556	1.4	119	28	909	6.16	3728	5	ND	7	585	12.1	29	2	177	.19	.210	23	50	.06	467	.01	8	1.11	.02	.38	1	290	8600
R141906	8	42	22	187	.5	37	7	24	4.35	1669	5	ND	9	165	.2	27	2	49	.18	.024	35	14	.04	667	.01	7	.50	.01	.25	1	270	3000
R141907	5	18	18	118	.3	19	4	20	2.73	590	5	ND	8	145	.2	14	2	29	.15	.032	36	12	.05	667	.01	12	.58	.01	.33	1	43	2700
R141908	5	31	98	168	1.5	15	5	27	3.17	186	5	ND	8	136	.2	95	2	23	.10	.045	32	16	.04	855	.01	10	.56	.01	.29	1	32	2350
R141909	3	60	90	459	1.2	73	18	598	4.00	315	5	ND	10	182	4.1	24	2	20	.36	.087	31	14	.07	935	.01	8	.98	.01	.23	1	109	3650
R141910	4	53	69	442	1.1	71	27	1051	5.73	678	5	ND	7	151	3.7	19	5	26	.88	.151	29	31	.09	578	.01	8	1.10	.01	.26	1	102	2300
R141911	9	25	36	112	.6	25	5	65	3.58	240	5	ND	8	164	.2	25	2	29	.15	.041	32	13	.05	396	.01	12	.48	.01	.30	1	34	1250
R141912	9	21	33	44	1.0	12	2	27	3.29	119	5	ND	7	227	.2	89	2	85	.13	.042	26	14	.05	133	.01	15	.46	.01	.31	1	194	2300
R141913	4	76	1554	1044	14.6	30	10	697	3.81	533	5	ND	10	133	13.8	214	2	27	.68	.074	26	15	.10	401	.01	9	.61	.01	.22	1	125	2450
R141914	3	68	676	1373	6.3	48	16	1067	4.15	452	5	ND	14	112	17.6	127	2	25	.73	.078	28	19	.13	829	.01	7	.90	.01	.17	1	137	6300
R141915	2	21	375	201	3.4	10	3	181	1.52	328	5	ND	12	111	4.6	716	2	16	.13	.041	28	14	.05	879	.01	7	.60	.01	.18	1	191	3750
R141916	4	61	166	670	1.5	73	14	795	4.02	674	5	ND	14	109	2.5	66	2	29	.58	.046	23	28	.13	1022	.01	9	1.12	.01	.22	1	114	3000
R141917	3	40	101	349	1.2	33	15	1075	3.94	829	5	ND	12	146	4.1	31	3	23	1.42	.092	26	22	.23	689	.01	7	.85	.01	.19	1	157	2950
R141918	3	23	111	340	.7	30	16	1370	4.22	332	5	ND	14	71	3.1	30	3	27	.43	.113	42	19	.08	300	.01	5	.73	.01	.18	1	61	3000
R141919	2	37	429	470	6.4	23	11	1134	3.30	354	5	ND	15	139	7.9	2008	3	23	1.58	.097	34	18	.21	858	.01	6	.85	.01	.20	1	104	2500
R141920	2	21	89	285	.7	21	12	932	3.45	527	5	ND	15	171	2.5	118	2	30	2.03	.098	39	19	.55	705	.01	6	.82	.01	.19	1	131	4800
R141921	3	19	98	313	1.0	36	15	1106	3.58	591	5	ND	16	145	2.8	68	2	28	1.85	.097	39	21	.35	576	.01	8	1.01	.01	.26	1	510	2450
R141922	3	28	100	487	1.5	141	21	1296	3.97	2179	5	ND	18	123	8.2	67	3	33	.75	.101	44	26	.10	1338	.01	7	1.25	.01	.20	1	1160	5750
R141923	2	23	104	401	.5	49	17	908	3.56	241	5	ND	16	158	3.5	51	2	51	1.47	.059	34	28	.15	1061	.01	4	1.00	.01	.10	1	56	2750
R141924	3	24	156	345	1.4	34	15	1028	4.12	833	5	ND	16	188	3.3	52	4	49	.66	.091	41	26	.09	1543	.01	5	1.05	.01	.15	1	250	3000
R141925	3	21	226	388	4.2	34	16	1140	3.98	1459	5	ND	19	143	3.6	157	10	44	.21	.056	41	24	.04	927	.01	5	.90	.01	.14	1	570	3250
R141926	3	22	133	285	1.5	26	13	817	3.66	650	5	ND	19	94	2.7	56	7	56	.21	.080	44	27	.10	596	.01	5	.77	.01	.14	1	92	3650
RE R141922	3	29	103	467	1.3	142	21	1300	4.01	2187	5	ND	19	124	8.4	65	3	33	.73	.101	44	27	.10	1347	.01	6	1.24	.01	.19	1	1060	6050
R141927	2	25	79	246	.2	29	15	876	3.55	149	5	ND	17	75	3.2	44	2	94	.58	.110	50	51	1.11	1405	.20	4	2.02	.04	.63	1	57	630
R141928	2	20	46	165	.5	15	11	734	3.43	334	5	ND	18	90	1.1	24	2	86	1.10	.105	47	46	.91	1424	.14	3	1.64	.03	.48	1	610	1400
STANDARD C/AU-R	19	61	39	131	7.5	76	32	1032	3.94	43	18	8	39	53	19.0	17	20	59	.49	.092	40	60	.88	174	.08	34	1.92	.07	.15	11	480	1650

BLUE BOOM 91-30

BOTR 91-802

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery (BB) DDH 91-29, 31 ; TR 91 RC 91-582 to 584

Noranda Exploration Co. Ltd. PROJECT 9109-068 330 File # 91-4512 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
R166701	5	56	35	185	.9	22	8	181	2.28	1825	5	ND	11	64	6.0	1345	2	27	.10	.055	38	23	.03	831	.01	8	.57	.01	.10	1	495	3250
R166702	6	63	40	198	.6	28	8	60	2.71	2152	5	ND	13	92	4.7	1055	2	29	.11	.072	47	27	.03	1225	.01	7	.66	.01	.11	1	506	3250
R166703	8	61	36	258	1.0	29	10	160	3.08	2234	5	ND	12	78	4.9	1511	2	34	.09	.060	46	39	.03	878	.01	10	.62	.01	.12	1	528	3750
R166704	8	70	45	247	.7	28	9	92	2.90	1892	5	ND	11	79	3.4	1757	2	35	.08	.050	40	36	.02	608	.01	8	.67	.01	.12	1	539	6000
R166705	6	44	32	148	1.1	15	4	78	2.86	3829	5	ND	11	68	2.4	1501	2	28	.10	.047	38	32	.02	773	.01	7	.56	.01	.11	1	1562	6550
R166706	4	19	25	107	1.4	10	3	7	2.11	3962	5	2	10	63	.9	1232	2	22	.09	.039	42	26	.02	891	.01	7	.54	.01	.12	1	1870	6800
R166707	5	44	30	130	1.3	15	4	14	2.53	4438	5	2	9	78	1.0	1137	2	27	.10	.041	36	26	.02	587	.01	6	.49	.01	.10	1	2343	6000
R166708	4	36	50	179	1.8	15	4	14	2.80	7061	5	5	11	74	2.0	1312	2	24	.10	.043	43	24	.02	933	.01	6	.47	.01	.11	1	4675	6700
R166709	7	65	221	171	1.8	21	4	22	2.56	2345	5	ND	10	215	2.4	1161	3	28	.10	.063	45	39	.02	715	.01	9	.61	.01	.12	1	482	6800
R166710	7	34	74	181	1.6	19	4	13	3.31	2795	5	ND	12	78	2.6	1299	2	27	.11	.053	44	23	.03	611	.01	8	.50	.01	.11	1	539	6400
R166711	7	32	52	150	1.1	19	5	19	2.79	2565	5	ND	13	84	2.7	1226	2	28	.09	.049	51	31	.03	578	.01	8	.55	.01	.12	1	682	5900
R166712	6	48	51	175	1.4	23	6	23	3.45	3470	5	ND	13	89	4.9	1494	2	32	.09	.061	46	25	.02	789	.01	9	.57	.01	.11	1	814	6200
R166713	6	35	43	162	.9	21	6	27	3.30	2688	5	ND	13	64	3.3	1611	2	33	.10	.060	41	25	.03	644	.01	8	.54	.01	.10	1	616	3450
R166714	7	31	38	158	1.1	21	6	32	3.27	2335	5	ND	12	110	2.3	1657	2	36	.09	.062	43	39	.02	679	.01	7	.51	.01	.10	1	693	3550
R166715	6	27	38	89	.6	13	5	11	2.50	2627	5	ND	14	93	3.2	722	2	36	.07	.058	38	27	.02	944	.01	7	.64	.01	.13	1	451	2950
033026	6	33	23	100	.9	38	12	75	2.41	1628	5	ND	3	36	.4	99	2	11	.20	.005	6	42	.08	90	.01	9	.42	.01	.19	1	473	1750
033027	1	71	30	122	1.6	58	23	1073	4.70	2929	5	ND	7	412	.5	93	2	70	6.35	.026	18	135	2.19	64	.01	3	.44	.01	.10	1	1804	7050
033028	4	40	25	125	.1	47	15	202	3.36	213	5	ND	3	63	.3	105	2	11	.54	.005	10	25	.24	51	.01	8	.47	.01	.23	1	33	2650
033030	7	52	35	143	.7	44	13	235	3.60	2373	5	ND	13	110	.6	558	2	31	.13	.024	31	56	.05	843	.01	7	.57	.01	.15	1	539	2900
033031	6	78	36	270	.2	53	16	297	4.16	1389	5	ND	17	56	.9	393	2	29	.10	.035	49	30	.04	573	.01	6	.65	.01	.17	1	176	1800
033032	6	100	28	109	.1	29	10	217	3.29	568	5	ND	6	51	.2	189	2	27	.11	.022	10	27	.05	405	.01	7	.46	.01	.17	1	45	1600
033033	5	133	21	131	.2	43	13	124	3.45	577	5	ND	6	80	.6	180	2	27	.07	.025	7	30	.04	396	.01	6	.64	.01	.18	1	49	945
RE 033028	5	41	23	127	.2	46	15	186	3.32	176	5	ND	4	58	.2	109	2	11	.44	.005	10	24	.20	62	.01	8	.47	.01	.23	1	18	2450
033034	7	96	20	92	.4	33	14	260	2.78	631	5	ND	6	52	.5	171	2	23	.07	.017	8	40	.04	361	.01	6	.56	.01	.17	1	59	1050
033035	7	35	33	25	.7	8	3	24	1.72	284	6	ND	6	30	.2	96	2	12	.03	.011	8	53	.02	335	.01	9	.43	.01	.16	1	13	1150
033036	8	17	33	26	.4	6	2	15	1.58	339	5	ND	5	34	.2	70	2	10	.06	.010	7	52	.03	352	.01	8	.36	.01	.16	1	26	930
033037	6	23	29	32	.6	8	3	13	1.66	664	5	ND	7	55	.4	84	2	10	.10	.009	11	35	.05	282	.01	9	.43	.01	.19	1	374	1300
033038	5	25	22	65	.7	16	6	117	2.14	1455	5	ND	12	72	.4	138	2	13	.11	.014	37	31	.05	388	.01	9	.49	.01	.22	1	913	1150
033039	5	32	36	204	.6	53	18	453	4.05	5865	5	3	18	268	.7	172	2	25	.83	.023	44	34	.38	259	.01	5	.68	.01	.15	1	1694	2050
033040	4	31	30	179	.8	33	14	603	3.98	3909	5	ND	15	438	.2	100	2	21	2.44	.031	33	33	1.07	254	.01	4	.48	.01	.13	1	1386	1950
033041	3	39	32	106	3.6	27	9	350	2.79	7172	5	6	11	384	.8	786	2	15	1.51	.012	29	25	.68	195	.01	5	.46	.01	.14	1	6677	2150
033042	7	32	19	44	1.2	20	6	277	1.77	1672	5	ND	3	119	.2	84	2	10	.57	.011	5	72	.20	177	.01	8	.37	.01	.18	1	1870	1200
033043	4	36	21	99	.3	36	12	243	3.31	1173	5	ND	4	64	.2	55	2	46	.17	.011	5	40	.08	212	.01	7	.42	.01	.19	1	198	810
033044	2	36	17	89	1.0	30	11	77	2.85	4440	5	ND	4	127	.2	77	2	10	.14	.007	5	23	.06	128	.01	5	.58	.01	.18	1	2354	1250
033045	3	38	19	89	1.9	46	8	101	2.41	2584	12	ND	3	241	.3	126	2	16	.48	.007	5	26	.22	117	.01	6	.76	.01	.18	1	1309	1900
033046	3	53	20	102	.3	63	18	415	4.21	951	5	ND	3	202	.8	54	3	24	1.37	.016	7	38	.98	181	.01	8	.53	.02	.19	1	165	990
033047	2	61	20	85	1.0	69	20	634	4.94	2421	5	ND	3	302	.4	134	2	32	2.29	.015	5	50	1.55	355	.01	6	.61	.01	.19	1	2167	1150
STANDARD C/AU-R	18	59	36	132	7.1	71	32	1040	3.97	41	21	6	40	52	17.4	16	18	56	.46	.088	39	56	.85	177	.08	34	1.90	.06	.13	13	473	1500

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 16 1991 **DATE REPORT MAILED:** Sept 20/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
033048	6	33	14	77	1.1	48	14	420	3.12	275	5	ND	2	138	.2	86	2	17	1.66	.011	6	59	.88	74	.01	6	.39	.01	.15	1	220	1400
033049	6	28	36	88	.6	28	11	56	1.63	278	5	ND	3	27	.3	82	2	9	.12	.004	5	41	.05	85	.01	7	.35	.01	.18	1	82	1700
033050	7	32	28	89	1.0	35	15	70	2.18	272	5	ND	4	30	.3	58	2	10	.13	.004	8	43	.05	60	.01	9	.42	.01	.23	1	12	2200
033051	6	41	25	153	1.4	49	18	597	3.59	1523	5	ND	7	229	.6	64	2	30	2.14	.012	21	61	.89	55	.01	6	.49	.01	.19	1	930	3400
033052	9	26	14	134	2.7	41	11	294	2.15	212	5	ND	3	160	1.0	1549	2	16	.79	.009	7	81	.35	34	.01	6	.42	.01	.17	1	280	1450
RE 033972	3	47	18	184	.3	51	16	237	3.45	95	5	ND	5	32	.4	57	2	19	.12	.029	7	1	.11	1256	.01	8	.78	.01	.27	1	39	655
033968	15	43	11	164	.3	70	14	168	4.32	216	5	ND	5	41	.2	118	2	30	.12	.036	25	51	.07	1093	.01	3	.63	.01	.18	1	44	175
033969	6	42	17	215	.2	90	24	461	3.78	191	5	ND	6	32	.5	88	2	33	.15	.075	29	25	.12	1079	.01	5	.92	.01	.22	1	14	205
033970	3	50	25	168	.4	53	16	177	3.54	123	5	ND	5	37	.4	62	2	20	.13	.030	12	5	.10	1010	.01	8	.78	.01	.28	1	3	180
033971	3	52	21	178	.3	53	17	202	3.44	55	5	ND	5	37	.4	58	2	18	.14	.029	7	1	.12	1168	.01	5	.85	.01	.29	1	35	270
033972	3	48	18	187	.3	52	16	239	3.49	95	5	ND	5	32	.4	57	2	19	.12	.030	7	1	.11	1246	.01	6	.77	.01	.27	1	26	585
033972 (D)	3	47	18	187	.3	52	16	239	3.47	96	5	ND	5	32	.5	65	2	20	.12	.029	6	1	.11	1287	.01	5	.82	.01	.29	1	15	475
033973	3	51	26	215	.3	52	16	258	3.57	71	5	ND	4	32	.6	53	2	21	.09	.026	6	2	.07	994	.01	6	.63	.01	.28	1	8	225
033974	3	50	18	208	.3	51	16	270	3.42	105	5	ND	4	43	.6	82	2	21	.08	.018	7	2	.06	1046	.01	5	.60	.01	.26	1	3	400
033975	3	51	20	204	.3	56	17	323	4.00	172	5	ND	4	58	.4	129	2	19	.08	.022	7	5	.06	840	.01	6	.57	.01	.25	1	11	725
033976	2	47	18	193	.3	48	15	297	4.10	47	5	ND	4	41	.3	72	2	19	.09	.030	6	3	.06	826	.01	6	.60	.01	.28	1	11	605
033977	2	48	20	214	.2	54	17	293	3.96	19	5	ND	4	26	.6	58	2	18	.10	.038	6	4	.04	636	.01	5	.60	.01	.27	1	1	720
033978	6	46	21	165	.4	34	11	113	3.26	43	5	ND	4	39	.2	393	2	19	.11	.028	6	5	.05	593	.01	7	.61	.01	.28	1	16	885
033979	12	62	16	251	.3	44	15	167	3.68	322	5	ND	3	49	.2	645	3	22	.11	.028	5	14	.05	818	.01	8	.72	.01	.28	1	27	725
033980	11	31	21	154	1.0	35	11	130	3.94	1209	5	ND	2	94	.2	2741	2	40	.11	.025	6	26	.05	533	.01	8	.61	.01	.25	1	1370	1950
033981	7	55	46	55	8.6	8	5	50	1.51	539	5	ND	1	46	.3	25640	6	25	.05	.012	4	64	.03	89	.01	8	.46	.01	.16	1	480	2800
033982	3	34	29	17	6.9	4	1	37	.63	175	5	ND	4	40	.2	7830	2	22	.09	.010	16	34	.03	401	.01	8	.39	.01	.19	1	410	2550
033983	9	15	24	14	2.5	5	2	31	.98	337	5	ND	5	50	.2	959	2	17	.06	.009	18	81	.03	387	.01	8	.33	.01	.22	1	460	495
033984	13	13	13	17	2.5	6	1	40	.62	194	5	ND	3	40	.2	442	2	15	.04	.009	11	123	.02	323	.01	8	.28	.01	.11	1	104	1800
033985	14	12	10	10	1.6	6	1	55	.48	124	5	ND	3	33	.2	148	2	17	.03	.010	10	142	.01	323	.01	5	.26	.01	.10	1	250	1400
033986	16	14	13	11	1.1	5	2	36	.66	358	5	ND	2	58	.2	89	2	11	.04	.014	6	139	.01	1824	.01	7	.25	.01	.10	1	95	760
033987	10	15	19	25	.9	5	1	28	1.64	845	5	ND	3	108	.3	110	2	14	.09	.010	5	43	.03	466	.01	8	.37	.01	.26	1	810	2050
033988	4	27	17	134	.4	64	9	78	2.54	665	5	ND	3	76	.4	55	2	11	.11	.018	5	14	.05	176	.01	8	.56	.01	.29	1	340	1600
033989	3	32	15	141	.2	38	13	232	2.75	76	5	ND	3	24	.8	19	2	10	.19	.022	5	19	.21	93	.01	9	.52	.01	.27	1	13	2250
033990	3	33	24	136	.4	40	12	239	2.95	104	5	ND	3	28	.4	21	2	9	.20	.022	5	16	.21	67	.01	10	.60	.01	.29	1	48	2800
033991	3	33	18	138	.2	39	12	242	2.79	29	5	ND	3	23	.3	12	2	9	.21	.023	5	20	.25	84	.01	9	.52	.01	.31	1	17	2900
033992	4	38	24	115	.7	25	7	105	2.41	1339	5	ND	5	62	.2	286	2	20	.15	.019	6	7	.06	575	.01	7	.50	.01	.30	1	840	1050
033993	6	48	15	161	.6	27	9	126	3.77	1852	5	ND	5	150	.2	905	2	36	.15	.020	6	22	.06	624	.01	9	.66	.01	.60	1	810	1150
033994	10	14	24	72	.9	13	3	55	1.81	688	5	2	3	110	.2	1205	2	32	.12	.019	10	77	.06	672	.01	7	.60	.01	.31	1	1160	2650
033995	8	10	11	24	4.5	8	2	40	.56	133	5	ND	1	25	.2	393	2	13	.03	.005	3	84	.01	366	.01	4	.22	.01	.06	3	200	2350
033996	8	9	5	22	1.1	8	2	80	.52	109	5	ND	1	22	.2	316	2	10	.03	.005	2	90	.02	176	.01	4	.18	.01	.05	3	63	1150
033997	11	10	8	30	.9	9	1	94	.61	153	5	ND	1	45	.2	294	2	14	.02	.012	2	109	.01	399	.01	7	.21	.01	.06	2	80	1150
STANDARD C/AU-R	19	56	39	133	7.0	71	34	1047	4.00	40	16	7	35	53	18.6	16	18	55	.48	.090	38	58	.88	178	.09	33	1.90	.06	.15	13	470	1600

Samples beginning 'RE' are duplicate samples.

GEOCHEMICAL LYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-089 330 File # 91-4579 Page 1

1050 Davie Street, Vancouver BC V6E 1M7

TO HOFANDA YT

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
R166716	6	37	18	115	[illegible]	24	4	189	1.99	2284	5	6	[illegible]	180	6.4	116	2	85	.14	.074	21	78	.04	1538	.01	7	.59	.01	.09	32	619
R166717	6	33	16	12[illegible]	[illegible].0	17	5	176	2.67	5556	5	[illegible]	10	166	6.7	107	2	68	.12	.062	27	68	.02	1105	.01	[illegible]	.51	.01	.08	2	1199
R166718	5	28	24	[illegible]	3.2	13	3	60	2.28	3853	5	[illegible]	12	113	5.8	88	2	[illegible]	.07	.049	35	56	.02	995	.01	5	.58	.01	.10	23	1375
R166719	7	16	17	149	3.2	17	10	491	3.81	5509	5	10	11	73	.8	50	2	30	.10	.037	36	63	.02	1134	.01	5	.46	.01	.08	1	841
R166720	7	15	[illegible]	173	2.5	15	7	224	3.65	[illegible]	5	9	11	81	.2	185	2	30	.09	.048	34	72	.03	[illegible]	.01	5	.59	.01	.10	8	884
R166721	8	21	40	287	2.3	24	10	769	[illegible]	5514	5	8	12	66	2.2	[illegible]30	2	38	.10	.045	33	79	.02	1740	.01	6	.82	.01	.11	2	653
R166722	6	[illegible]0	32	245	1.8	22	12	10[illegible]	[illegible].75	6431	5	7	15	66	[illegible]	71	2	36	.10	.040	41	[illegible]	.02	2050	.01	5	.62	.01	.10	2	596
R166723	[illegible]	21	33	280	[illegible].5	35	12	[illegible]3	4.87	[illegible]	5	4	14	62	.3	82	2	37	.09	.046	38	[illegible]3	.03	1097	.01	6	.66	.01	.11	1	315
R166724	[illegible]	20	30	235	2.5	36	[illegible]	[illegible]	[illegible]	[illegible]072	5	8	14	[illegible]0	.6	155	2	33	.07	.046	[illegible]1	46	.02	985	.01	5	.60	.01	.10	2	762
RE R166728	4	33	35	169	[illegible].8	[illegible]	12	1079	4.23	1584	5	ND	17	63	.2	407	2	36	.15	.082	55	39	.03	1155	.01	8	.67	.01	.12	1	78
R166725	5	20	24	197	[illegible]	29	12	927	4.36	2508	5	[illegible]	14	55	.6	200	2	30	.08	.043	47	33	.02	1068	.01	7	.53	[illegible]	.10	1	191
R166726	5	23	33	178	[illegible]	22	11	1032	3.93	2280	5	2	15	72	.2	2335	2	28	[illegible]0	.050	44	48	.03	1343	.01	7	[illegible]	.01	.12	1	146
R166727	5	22	21	[illegible]	2.4	22	12	1268	4.16	3932	[illegible]	5	13	60	.2	691	2	[illegible]	.09	.034	48	40	.02	1121	.01	[illegible]	[illegible]8	.01	.10	1	499
R166728	4	33	36	[illegible]1	[illegible].7	27	13	1106	4.30	1624	5	ND	17	64	.2	411	2	[illegible]7	.15	.082	58	39	.03	1188	.01	[illegible]	.68	.01	.13	1	80
R166[illegible]	5	29	[illegible]	201	[illegible].8	28	13	1257	4.67	15[illegible]	5	ND	16	62	.5	156	2	[illegible]37	.08	.061	54	50	.03	1255	.01	5	.56	.01	.11	1	75
R166730	5	[illegible]	23	181	2.2	25	5	155	3.[illegible]	[illegible]683	5	3	11	130	.2	212	2	24	.11	.033	29	36	.02	[illegible]	.01	8	.53	.01	.16	1	249
R166731	6	[illegible]	16	116	1.9	24	6	123	[illegible]48	3074	5	8	8	126	.2	[illegible]	2	31	.09	.038	28	49	.[illegible]	[illegible]87	.01	8	.52	.01	.18	1	653
R166732	5	[illegible]3	186	238	4.1	42	12	6[illegible]	3.56	3371	5	5	3	100	1.8	[illegible]99	2	21	.15	.027	32	53	[illegible]	367	.01	6	.52	.01	.09	1	431
R166733	[illegible]	19	26	263	[illegible].6	31	8	[illegible]2	3.95	1177	5	ND	17	91	1.1	878	2	33	.14	.078	43	[illegible]	.11	978	.02	8	.74	.01	.22	1	47
R166734	7	24	45	308	3.1	31	[illegible]	461	4.48	576	5	ND	20	93	[illegible].0	3109	2	23	.12	.079	66	[illegible]5	.04	906	.01	11	.59	.01	.20	1	34
R166735	5	28	24	431	[illegible].6	[illegible]	17	1069	4.56	510	5	ND	19	[illegible]	2.9	351	2	40	.28	.099	[illegible]6	44	.13	459	.01	8	.86	[illegible]	[illegible]8	1	24
R166736	6	38	54	459	3.7	[illegible]7	15	842	4.41	663	5	ND	[illegible]	70	3.0	1774	2	43	.31	[illegible]	61	42	.11	549	.01	7	[illegible]9	[illegible]1	.19	1	16
R166737	5	18	63	157	[illegible]	28	9	515	3.57	3631	5	2	[illegible]	59	1.6	37	2	32	[illegible].2	.067	31	37	.05	1010	.01	[illegible]	[illegible]5	.01	.16	1	94
R166738	6	19	107	215	[illegible].9	25	11	807	3.47	3379	5	[illegible]	11	54	1.1	45	2	20	[illegible]4	.040	31	47	.03	850	.01	[illegible]	.47	.01	.14	1	106
R166[illegible]	21	35	37	15[illegible]	[illegible].6	22	13	740	4.85	7372	5	[illegible]2	16	91	[illegible].7	37	2	[illegible]3	.39	.089	53	228	.04	1024	[illegible]	9	.56	.01	.15	1	115
R166740	3	14	29	108	[illegible].4	15	12	732	4.10	5875	[illegible]5	2	16	101	[illegible].4	31	[illegible]	26	.52	.066	51	31	[illegible]	[illegible]25	.01	7	.50	.01	.14	1	134
R166741	3	21	30	171	[illegible].4	23	13	753	4.37	60[illegible]	5	2	16	106	1.1	[illegible]3	[illegible]2	28	.49	.091	51	[illegible]4	[illegible]5	1081	.01	6	.57	.01	.14	1	177
R166742	4	24	28	168	[illegible].4	23	14	799	[illegible].15	[illegible]20	5	ND	15	94	[illegible].1	30	2	25	.25	.062	50	[illegible]3	.03	998	.01	5	.53	.01	.13	1	102
R166743	4	57	32	184	[illegible].2	32	15	892	4.10	4800	5	ND	17	106	2.2	29	2	23	.23	.079	56	34	.03	1049	.01	5	.62	.01	.16	1	112
R166744	5	75	33	249	[illegible].5	45	23	582	4.12	4730	5	2	16	160	3.9	41	2	22	.15	.070	47	36	.03	1187	.01	4	.66	.01	.16	1	174
033053	6	23	23	48	4.2	10	3	27	2.64	1749	5	ND	7	151	[illegible].2	4161	2	41	.10	.025	15	56	.04	696	.01	7	.55	.01	.35	1	75
033054	10	51	37	83	6.1	17	4	38	4.51	2435	5	ND	6	138	[illegible].2	20636	2	68	.12	.025	18	93	.03	124	.01	6	.50	.02	.28	1	107
033055	6	30	60	111	1.6	21	7	36	3.92	4160	5	2	21	122	[illegible].4	6263	2	37	.09	.038	65	42	.03	798	.01	4	.60	.01	.20	1	133
033056	6	20	60	79	3.0	10	4	16	2.95	4618	5	4	23	80	.2	1749	2	22	.02	.034	69	48	.02	622	.01	5	.53	.01	.18	1	301
033057	8	19	47	87	3.9	20	6	21	3.01	2597	5	ND	17	112	.2	2035	2	22	.02	.029	47	63	.02	546	.01	6	.51	.01	.23	1	181
033058	8	33	16	41	10.3	10	3	9	3.13	3698	5	ND	11	57	.2	2601	2	48	.02	.012	22	83	.02	330	.01	6	.44	.01	.23	1	103
033059	6	37	18	32	2.4	9	3	22	2.16	1818	5	ND	3	41	.2	19101	2	27	.04	.007	7	68	.03	228	.01	9	.46	.01	.32	2	28
STANDARD C/AU-R	19	59	42	132	7.1	72	33	1033	3.93	42	18	7	40	52	37.7	16	18	57	.47	.085	39	56	.87	177	.08	33	1.90	.06	.16	13	45

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 18 1991 DATE REPORT MAILED: Sept 23/91. SIGNED BY: ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

KORANEE BULK TR.

GOLDEN BULK TR.

MOOSEHEAD BULK TR.

BLUE BOOTH 91-32

SEP-23-1991 15:07 FROM ACME ANALYTICAL

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJ 9109-089 330 FILE # 91-4579 Pag

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
033060	2	113	2	44	7.9	17	8	205	1.60	1297	5	2	1	203	1.1	23919	5	35	.68	.002	2	61	.34	15	.01	5	.27	.01	.10	1	5660
033061	1	84	8	227	6.8	125	39	545	6.63	5925	5	6	1	688	1.2	23357	5	41	1.88	.006	3	44	.99	54	.01	6	.76	.02	.17	1	6580
033062	2	42	20	94	2.6	55	17	188	3.90	5201	5	5	2	240	.4	2608	2	22	.53	.008	5	31	.27	59	.01	10	.50	.01	.26	1	7140
033063	4	49	30	92	.4	27	10	165	3.09	1272	5	ND	4	67	.2	648	2	19	.11	.019	7	24	.06	230	.01	8	.49	.01	.29	1	184
033064	3	54	29	151	.3	35	14	261	3.74	1035	5	ND	3	58	.2	954	2	17	.10	.018	5	17	.05	153	.01	7	.44	.01	.27	1	127
033065	3	55	26	159	.3	38	16	253	3.24	1208	5	ND	3	76	.2	434	2	31	.11	.015	5	22	.05	349	.01	7	.58	.01	.32	1	173
033066	2	82	22	167	.4	43	17	361	3.13	1480	5	ND	3	93	.6	180	2	34	.11	.013	4	22	.06	364	.01	7	.78	.01	.34	1	710
033067	3	68	23	104	.6	31	11	182	2.22	1361	5	ND	3	114	.7	162	2	24	.10	.009	6	16	.05	285	.01	7	.72	.01	.29	1	210
033068	2	57	20	84	1.6	20	8	85	2.28	4633	5	2	2	184	.3	177	2	19	.20	.007	5	19	.08	124	.01	4	.60	.01	.27	1	3430
033069	2	52	20	76	1.7	25	9	78	2.72	4963	5	4	3	114	.3	151	2	15	.15	.007	5	16	.06	99	.01	7	.67	.01	.26	1	5320
033071	6	38	49	339	.3	54	17	284	3.85	1746	5	ND	16	50	1.2	475	2	20	.08	.026	49	38	.04	822	.01	3	.50	.01	.12	2	240
033072	5	38	47	299	1.0	44	16	261	4.53	3066	5	2	21	74	1.9	1069	2	24	.12	.036	62	13	.03	1598	.01	3	.50	.01	.13	1	1480
033073	6	21	36	158	1.0	22	9	197	2.77	1745	5	2	20	106	.8	533	2	18	.09	.043	59	27	.03	1292	.01	4	.55	.01	.15	1	1320
033074	6	24	36	126	1.2	14	5	76	3.31	1271	5	ND	19	81	.2	498	2	18	.08	.035	55	35	.03	1047	.01	3	.59	.01	.14	1	580
033075	6	24	43	173	1.7	22	8	71	3.44	2115	5	2	19	69	.2	358	2	20	.03	.025	58	35	.02	640	.01	5	.57	.01	.14	1	1380
033076	7	25	41	129	.9	22	7	48	3.54	2578	5	ND	17	55	.2	550	2	24	.01	.022	49	36	.01	597	.01	5	.52	.01	.15	1	680
033077	6	21	20	81	.5	21	7	88	2.27	1007	5	ND	7	40	.2	506	2	14	.03	.011	19	56	.02	654	.01	4	.44	.01	.19	1	250
033078	3	62	16	87	.6	25	7	47	4.82	3440	5	2	5	52	.3	527	2	40	.01	.025	12	44	.03	838	.01	4	.59	.01	.22	1	1030
033079	5	47	17	158	.4	25	10	84	4.70	1607	5	ND	3	32	.2	373	2	16	.01	.017	5	50	.02	449	.01	6	.42	.01	.21	1	420
033080	4	54	14	147	.2	31	12	228	3.98	923	5	ND	4	31	.2	225	2	22	.01	.014	5	38	.02	499	.01	7	.47	.01	.20	1	32
033081	2	191	5	17	5.7	6	5	16	1.77	734	5	ND	1	23	1.1	23899	7	21	.06	.002	2	40	.03	26	.01	6	.33	.01	.17	1	970
033082	2	111	2	147	7.4	45	16	146	3.53	465	5	ND	1	32	1.9	23682	7	49	.07	.003	2	61	.03	16	.01	6	.44	.01	.17	1	1620
033083	3	182	23	50	1.7	25	8	29	2.35	3977	5	ND	4	38	.2	366	2	16	.09	.008	4	33	.05	76	.01	10	.49	.01	.26	1	2570
033084	2	107	31	44	.6	22	8	31	1.97	2633	5	ND	4	37	.2	442	2	11	.10	.007	4	18	.05	120	.01	8	.47	.01	.26	1	820
033085	3	48	24	70	1.6	13	4	15	1.67	3451	5	ND	2	39	.2	762	2	15	.09	.008	4	25	.05	122	.01	10	.47	.01	.27	1	3670
033086	2	46	22	13	1.6	21	6	17	1.62	1716	5	ND	3	30	.2	937	2	20	.09	.009	4	27	.05	99	.01	10	.47	.01	.25	1	2270
RE 033082	3	103	9	134	6.9	42	15	135	3.30	578	5	ND	1	31	1.7	23894	8	47	.07	.003	2	57	.03	26	.01	6	.41	.01	.16	1	1580
033087	2	80	23	60	5.2	26	9	23	2.82	7805	5	6	4	34	1.1	5316	4	25	.08	.007	9	30	.04	50	.01	7	.45	.01	.21	1	7740
033088	5	42	18	12	2.8	9	4	18	1.33	3643	5	7	3	23	.6	5831	2	15	.06	.004	6	63	.03	122	.01	8	.34	.01	.15	1	8050
033089	9	7	11	6	1.9	7	2	24	.87	179	5	ND	3	34	.2	161	2	10	.05	.004	5	111	.02	195	.01	9	.28	.01	.17	1	240
033090	2	73	39	229	1.3	82	31	952	4.77	911	5	ND	12	253	.7	313	2	71	3.31	.223	56	160	1.43	169	.01	7	.67	.01	.15	1	620
033091	5	47	25	139	2.3	32	14	585	3.06	1979	5	ND	5	500	.8	5052	2	29	2.76	.018	15	82	1.29	101	.01	4	.40	.01	.10	1	1640
033092	12	22	41	21	.8	13	3	30	.61	109	5	ND	4	32	.2	188	2	7	.07	.004	9	136	.03	152	.01	8	.32	.01	.16	1	165
STANDARD C/AU-R	17	57	39	134	7.1	71	32	1050	4.00	40	15	7	36	54	18.7	16	19	56	.49	.089	37	59	.87	178	.09	32	1.91	.06	.15	11	460

Blue BCDDH 91-32

Blue BCDDH 91-33

Samples beginning 'RE' are duplicate samples.

SEP-23-1991 10:08 FROM HUNTALLOCHL TO 14169461114 P.003/003

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery BDH 91-33 to 40
RC 91-586 to 595

Noranda Exploration Co. Ltd. PROJECT 9109-092 330 File # 91-4649 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033093	3	96	29	90	.6	39	13	436	2.18	442	5	ND	6	146	.7	65	2	25	1.59	.014	13	53	.67	283	.01	11	.52	.01	.18	1	97
033094	5	34	23	105	.2	39	12	300	2.29	116	5	ND	4	40	.4	39	2	13	.56	.011	9	26	.20	165	.01	9	.57	.01	.28	1	41
033095	4	32	17	126	.2	40	12	337	2.76	67	5	ND	2	61	.4	28	2	9	.75	.007	4	20	.31	141	.01	10	.53	.01	.27	1	44
033096	9	13	106	284	1.4	19	10	464	4.89	1237	6	ND	11	71	3.2	863	2	18	.11	.065	44	10	.05	889	.01	11	.83	.01	.23	1	96
033097	6	12	35	148	.5	18	12	1517	4.26	1315	5	ND	7	62	1.5	422	2	25	.10	.051	38	4	.04	1045	.01	9	.87	.01	.20	1	350
033098	4	19	224	348	2.9	16	13	1621	5.59	1496	5	ND	8	70	3.5	344	2	30	.20	.042	39	6	.05	1017	.01	11	1.02	.01	.19	1	580
033099	4	24	67	382	1.7	24	14	1056	4.04	759	5	ND	7	59	3.8	269	2	25	.08	.031	33	10	.05	711	.01	9	.86	.01	.16	2	72
033100	4	28	29	161	.3	50	14	1107	4.19	122	5	ND	19	462	.6	45	2	32	3.46	.123	41	37	1.47	232	.01	9	.74	.01	.27	1	27
033101	5	14	35	499	.5	47	15	1055	3.72	672	5	ND	9	69	4.9	792	2	38	.14	.049	29	21	.05	789	.01	8	.78	.01	.13	3	94
033102	5	18	32	379	.3	51	15	1108	3.36	264	5	ND	9	73	4.6	319	2	56	.10	.057	23	18	.03	1114	.01	7	.93	.01	.09	3	39
033103	4	19	32	275	.4	30	11	787	2.38	658	5	ND	8	62	2.8	318	2	45	.67	.038	19	19	.03	792	.01	6	.79	.01	.10	2	340
033104	6	22	32	516	.3	55	16	724	3.50	432	5	ND	7	60	3.6	261	2	53	.06	.039	16	23	.02	812	.01	5	.84	.01	.09	4	28
033105	6	28	40	591	.5	65	14	934	3.64	650	5	ND	10	65	7.8	384	2	58	.10	.059	29	21	.03	795	.01	6	.95	.01	.11	5	70
033106	9	25	34	624	1.3	82	12	1669	5.19	1619	5	ND	10	83	15.2	620	2	81	.18	.106	36	6	.04	1175	.01	5	.91	.01	.13	4	1260
033107	13	24	19	807	2.4	116	10	2284	7.68	2606	6	6	6	97	26.3	678	2	140	.22	.163	30	4	.04	1599	.01	4	.71	.01	.08	4	6380
033108	8	34	37	549	1.7	90	10	747	3.47	1003	5	ND	6	115	11.3	307	2	78	.12	.098	25	2	.04	1633	.01	9	.79	.01	.15	3	880
033109	26	50	29	590	1.7	90	11	386	3.25	703	6	ND	6	290	7.8	293	2	185	.15	.281	28	1	.06	4778	.01	15	1.10	.01	.22	4	260
033110	7	18	250	339	1.8	19	11	1087	4.49	1110	5	ND	11	63	8.1	862	2	18	.10	.057	43	1	.05	1000	.01	10	.79	.01	.21	2	115
033111	4	9	57	223	.8	17	11	1050	4.16	1304	5	ND	7	60	2.3	231	2	19	2.56	.034	34	6	.07	834	.01	11	.85	.01	.22	1	160
033112	5	13	50	223	1.1	16	13	998	4.39	1560	5	ND	7	51	5.8	555	2	19	.14	.046	39	1	.04	837	.01	8	.65	.01	.17	1	340
033113	4	14	45	231	.7	21	12	804	4.34	1037	5	ND	7	65	1.5	244	2	18	1.94	.038	28	7	.11	708	.01	10	.83	.01	.21	1	77
033114	4	22	33	178	2.0	20	12	1126	4.76	1422	5	ND	6	127	1.5	277	2	24	4.21	.027	25	7	.32	549	.01	6	.67	.01	.15	1	600
033115	3	9	23	141	.9	21	10	1492	4.32	1277	5	ND	6	276	1.2	366	2	43	5.59	.034	25	13	.57	685	.01	6	.64	.01	.11	2	920
033116	11	16	39	548	1.6	59	11	2310	5.39	1864	5	3	6	88	10.2	2114	2	84	.37	.091	31	46	.05	1399	.01	7	1.00	.01	.13	2	2810
033117	8	17	62	595	1.3	66	11	1074	3.86	1228	5	ND	6	97	12.0	797	3	65	.24	.092	29	7	.06	1444	.01	10	.94	.01	.20	3	570
033118	16	90	41	710	4.1	111	11	582	3.42	684	5	ND	3	280	10.1	463	2	249	.50	.581	23	37	.06	3838	.01	13	1.07	.01	.22	4	340
033119	15	115	12	316	2.0	66	6	161	1.38	149	5	ND	2	253	3.2	88	2	90	.95	.654	20	116	.06	3603	.01	16	.70	.02	.16	1	58
033120	12	52	19	238	1.7	48	7	186	1.60	138	6	ND	2	93	2.5	88	2	48	.34	.160	13	101	.04	1592	.01	13	.53	.01	.14	1	36
033121	11	69	51	519	2.0	109	19	989	3.86	204	6	ND	6	64	5.2	107	2	67	.13	.073	33	43	.07	1398	.01	17	.73	.01	.25	5	45
033122	4	14	91	194	2.1	21	12	779	4.08	699	5	ND	9	51	3.0	78	2	20	.18	.098	43	5	.05	1377	.01	8	.87	.01	.24	1	69
033123	4	11	131	178	1.7	19	12	1045	4.87	476	5	ND	9	62	3.2	107	2	26	.19	.103	45	8	.06	1112	.01	9	.97	.01	.23	1	210
033124	5	16	114	244	2.1	22	13	1330	5.35	1186	5	ND	8	67	4.0	131	2	34	.17	.050	41	9	.06	1094	.01	9	.84	.01	.19	1	410
033125	4	12	48	243	1.4	21	11	1097	4.11	766	5	ND	9	66	1.7	94	3	22	.81	.040	43	7	.07	823	.01	10	1.02	.01	.26	1	105
033126	4	10	28	192	.6	19	11	1010	4.70	1719	6	ND	12	64	1.7	86	2	25	.25	.066	50	6	.07	796	.01	13	.98	.01	.27	1	430
RE 033122	5	14	100	195	2.3	20	13	779	4.15	737	5	ND	10	53	3.2	74	2	20	.18	.100	46	5	.05	1363	.01	10	.88	.01	.24	1	80
033127	6	15	36	330	.8	31	13	1082	4.57	1428	5	ND	11	70	8.1	124	2	34	.14	.044	49	9	.05	1028	.01	9	.78	.01	.19	1	620
033128	7	23	55	391	1.2	41	14	1213	4.22	1436	5	ND	9	64	10.8	155	2	35	.19	.073	45	18	.04	931	.01	7	.79	.01	.17	2	430
STANDARD C/AU-R	20	57	42	132	7.1	71	31	1049	3.99	40	20	7	36	51	18.8	15	19	56	.49	.090	39	59	.88	178	.09	32	1.90	.06	.15	11	450

BLUE BDDH 91-33

FOSTER BDDH 91-35

FOSTER BDDH 91-34

FOSTERS BDDH 91-36

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 23 1991 **DATE REPORT MAILED:** Sept 25/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
FOSTERS BCDDH 91-36																															
033129	7	20	40	436	.5	46	17	1775	3.75	948	5	ND	9	57	5.7	155	2	54	.08	.040	30	32	.03	858	.01	8	.97	.01	.11	4	847
033130	6	25	35	391	.9	36	15	1389	3.94	832	5	ND	10	54	6.1	143	2	44	.26	.040	37	32	.04	786	.01	8	.92	.01	.13	2	902
RE 033135	8	29	38	578	.8	68	14	677	3.31	681	5	ND	11	65	9.5	445	2	72	.09	.057	36	33	.03	770	.01	9	.90	.01	.13	4	726
033131	5	21	32	308	.4	25	14	817	3.68	438	5	ND	11	73	2.0	67	2	39	1.72	.064	37	34	.12	770	.01	8	1.10	.01	.18	1	115
033132	4	16	32	238	.5	20	12	607	3.44	193	5	ND	14	103	1.4	46	2	51	2.11	.119	47	35	.37	541	.02	6	1.10	.01	.18	1	72
033133	9	29	95	533	1.4	34	14	819	3.92	870	5	ND	17	64	5.8	142	3	41	.32	.138	57	40	.04	772	.02	11	1.13	.01	.20	3	176
033134	8	30	50	619	1.3	54	15	763	3.58	686	5	ND	17	81	9.2	296	3	57	.24	.118	51	31	.03	915	.01	8	.96	.01	.15	3	528
033135	8	31	38	598	.8	69	14	680	3.43	715	5	ND	11	66	9.8	467	3	73	.09	.058	37	31	.03	770	.01	7	.82	.01	.12	4	671
033136	15	80	33	473	2.3	80	10	202	1.88	401	5	ND	5	501	4.2	250	2	234	.41	.619	25	23	.03	5804	.01	11	.91	.01	.10	3	561
033137	54	66	35	1073	1.9	213	17	548	4.96	262	5	ND	5	73	6.7	160	3	224	.23	.073	25	34	.06	1121	.01	13	.60	.01	.19	6	78
KOKANEE BCDDH 91-40																															
033138	7	18	44	229	.2	27	13	1117	4.05	694	5	ND	18	85	1.0	43	2	67	.14	.074	48	24	.10	1425	.03	10	1.03	.01	.12	2	319
033139	5	21	90	250	.1	21	13	1124	3.38	487	5	ND	16	114	1.3	38	2	54	.06	.055	44	17	.03	1538	.01	3	.80	.01	.06	2	264
033140	5	21	49	239	.1	26	15	1012	3.53	327	5	ND	20	136	.9	63	2	75	.04	.068	50	12	.02	2049	.02	4	1.06	.01	.02	1	163
033141	5	22	48	172	.1	25	14	765	3.40	244	5	ND	20	108	.6	43	2	72	.19	.064	50	25	.03	1410	.01	4	1.11	.01	.05	1	36
033142	6	16	46	157	.1	18	12	829	3.64	168	5	ND	15	86	.8	34	2	68	.04	.032	33	39	.03	935	.01	5	1.01	.01	.07	2	31
033143	5	18	38	185	.1	14	13	895	3.97	632	5	ND	16	102	.7	22	2	60	.15	.051	38	24	.05	1877	.01	8	1.04	.01	.10	1	704
033144	4	25	36	153	.1	14	13	688	4.43	1515	5	ND	14	71	.7	39	2	41	.29	.115	58	17	.04	1017	.01	9	.98	.01	.22	1	374
033145	4	12	30	87	.1	13	13	687	3.98	806	5	ND	17	70	.2	47	2	41	.28	.104	59	20	.05	813	.01	7	1.03	.01	.22	1	124
033146	6	11	27	120	.7	16	13	942	5.08	3008	5	5	12	101	.3	82	2	45	.13	.047	41	16	.04	1319	.01	11	.89	.01	.15	1	5885
033147	7	13	32	175	.7	22	13	897	4.07	2248	5	5	14	99	.9	88	2	35	.16	.055	44	21	.06	1144	.01	12	.96	.01	.19	2	3377
033148	8	12	89	279	.1	23	12	861	3.99	1163	5	ND	15	117	.5	83	2	32	.16	.076	53	27	.06	1354	.01	11	1.08	.01	.22	1	297
033149	7	23	39	289	.1	28	14	852	3.71	718	5	ND	13	130	.8	44	2	37	.12	.076	48	23	.05	1510	.01	11	1.19	.01	.20	1	253
033150	6	17	54	216	.3	18	14	987	4.23	2027	5	ND	13	101	.8	47	3	24	.18	.066	50	18	.05	1122	.01	13	1.11	.01	.22	1	418
033151	5	19	28	182	1.1	13	10	920	4.28	3026	5	4	11	85	1.1	37	2	27	.19	.041	49	17	.04	847	.01	9	.77	.01	.19	1	5082
033152	7	20	28	189	.4	21	11	911	3.38	1191	5	ND	10	105	2.3	23	3	32	2.34	.052	28	46	.14	804	.01	10	.97	.01	.17	1	902
033153	10	18	28	348	.9	36	11	1088	4.16	2468	5	6	10	71	8.4	39	2	38	.16	.039	38	38	.03	843	.01	5	.81	.01	.15	2	5698
033154	10	29	26	261	1.1	36	16	687	3.95	1266	5	ND	13	62	3.9	38	2	31	.26	.097	50	33	.04	723	.01	8	.87	.01	.22	1	495
033155	7	24	58	165	1.6	19	12	944	3.54	2604	5	4	10	110	1.3	38	2	28	1.14	.042	28	31	.32	622	.01	8	.76	.01	.16	1	2904
033156	4	14	64	132	1.4	14	11	1215	3.30	3648	5	5	9	191	1.0	33	2	33	2.11	.041	23	28	.55	681	.01	10	.75	.01	.12	1	4444
KOKANEE BCDDH 91-39																															
033157	3	45	19	103	.1	12	11	668	3.74	62	5	ND	16	113	.2	10	2	96	1.12	.101	45	36	1.07	1768	.12	2	1.62	.05	.35	1	41
033158	4	17	33	107	.1	10	10	593	3.61	123	5	ND	19	45	.2	20	2	73	.54	.127	53	25	.28	861	.05	2	1.15	.02	.20	1	54
033159	4	29	35	122	.1	13	12	597	3.10	62	5	ND	22	36	.2	26	2	75	.52	.150	62	27	.12	510	.02	2	1.04	.01	.13	1	24
033160	4	19	36	128	.1	14	12	631	3.61	74	5	ND	21	39	.2	15	2	73	.54	.143	61	27	.11	473	.02	2	1.04	.01	.11	1	49
033161	3	20	33	131	.1	12	12	542	2.81	64	5	ND	20	42	.2	19	2	65	.56	.139	48	22	.23	655	.03	2	1.14	.01	.17	1	45
033162	2	16	75	214	.2	16	12	556	3.56	175	5	ND	20	44	.9	23	2	84	.54	.129	63	27	.49	1032	.11	3	1.73	.02	.34	1	31
033163	3	20	42	180	.1	17	13	1030	3.92	524	5	ND	16	86	.6	65	2	75	.53	.052	39	17	.06	1337	.01	2	.88	.01	.05	1	649
033164	4	18	30	112	.9	12	10	1286	3.01	3635	5	14	14	85	.6	316	2	53	.49	.034	45	31	.07	1082	.01	7	.85	.01	.11	1	12694
STANDARD C/AU-R	19	64	40	134	7.3	72	33	1059	4.01	42	19	7	41	53	19.0	14	17	60	.51	.092	39	59	.88	180	.09	34	1.91	.07	.15	11	460

Samples beginning 'RE' are duplicate samples.

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
KOKANEE BOOM 91-39																															
033165	2	19	45	173	1.2	14	11	1066	3.11	3136	12	7	15	76	1.0	371	2	47	.30	.031	32	24	.04	855	.01	7	.72	.01	.09	2	7832
033166	4	15	24	105	1.1	17	11	856	3.26	2857	9	6	13	77	1.2	166	2	38	.12	.039	36	38	.03	910	.01	11	.76	.01	.14	1	4499
033167	4	15	40	195	1.2	24	15	947	4.36	2735	5	4	16	90	1.1	195	2	43	.10	.040	38	19	.04	1020	.01	8	.95	.01	.15	1	2673
033168	5	15	41	242	.8	31	14	969	4.38	2546	7	3	14	94	.5	201	2	36	.10	.047	44	14	.04	1066	.01	8	.74	.01	.15	1	2640
033169	7	22	35	184	2.0	28	8	295	3.41	1633	5	3	9	84	.8	101	2	66	.11	.043	29	15	.04	1058	.01	10	.66	.01	.22	1	4389
KOKANEE BOOM 91-38																															
033170	12	15	23	42	1.9	11	5	55	1.82	206	5	ND	8	205	.3	36	3	144	.11	.108	21	42	.05	2601	.01	20	.86	.01	.32	2	209
033171	16	44	31	324	1.5	48	10	176	3.78	1496	9	ND	12	212	3.2	44	2	97	.16	.118	38	36	.07	1928	.01	8	.80	.01	.18	1	396
033172	8	56	63	332	1.6	52	14	723	4.71	2972	5	ND	23	150	5.9	49	2	39	.38	.080	61	29	.10	1070	.01	12	1.04	.01	.25	2	649
KOKANEE BOOM 91-38																															
033173	3	25	41	162	.4	22	12	780	3.47	760	5	ND	18	113	.5	94	2	62	.04	.051	37	33	.03	1141	.01	5	.94	.01	.08	3	385
033174	3	23	57	173	.6	19	12	943	3.46	1004	9	ND	17	110	1.1	154	2	63	.04	.046	30	30	.03	1098	.01	6	.88	.01	.08	2	495
033175	3	23	56	222	.1	27	13	1007	3.85	1417	5	ND	14	104	.9	221	2	59	.05	.045	32	31	.03	1163	.01	7	1.08	.01	.10	2	561
033176	3	21	38	158	.7	22	11	838	3.29	1652	5	2	17	92	.6	162	2	53	.06	.041	36	32	.03	994	.01	6	.89	.01	.09	2	2046
033177	3	24	42	159	2.5	19	14	909	4.03	3937	5	13	18	92	1.0	317	2	55	.63	.041	38	36	.04	1475	.01	5	.78	.01	.09	2	11121
033178	3	26	32	160	2.5	21	13	700	4.10	4449	5	15	17	79	1.0	424	2	48	.13	.037	40	46	.03	1024	.01	6	.79	.01	.08	2	12408
033179	2	18	43	140	.5	14	11	827	3.45	1034	5	2	15	90	.5	59	2	65	.73	.037	33	39	.04	1249	.01	5	.92	.01	.07	2	1925
KOKANEE BOOM 91-37																															
033180	3	22	39	128	.5	16	12	906	4.02	1090	5	ND	18	90	.2	75	2	73	.09	.038	34	45	.03	924	.01	6	.93	.01	.06	3	957
033181	4	21	37	179	.6	21	12	933	3.63	1075	7	ND	18	85	.2	149	2	65	.15	.035	31	40	.03	859	.01	5	.83	.01	.07	2	1078
033182	3	19	28	142	.4	15	11	865	3.51	929	6	ND	13	79	.4	389	2	62	.63	.032	26	37	.13	722	.01	4	.75	.01	.05	2	1936
033183	4	19	41	159	1.1	22	11	835	3.87	2740	5	7	13	78	.7	326	2	38	.30	.052	37	30	.04	751	.01	9	.89	.01	.14	1	5973
033184	10	14	27	60	.7	11	4	77	1.66	258	11	ND	7	130	.2	54	2	97	.12	.065	27	34	.05	1830	.01	16	.81	.01	.32	2	126
KOKANEE BOOM 91-37																															
033185	3	22	38	154	.6	19	13	1036	3.88	1381	8	ND	17	112	.2	55	2	71	.05	.049	35	33	.03	1296	.01	5	1.11	.01	.08	3	1012
033186	2	19	33	165	.8	23	14	1096	4.44	1801	5	3	17	93	.4	62	2	67	.06	.041	34	32	.04	1133	.01	6	1.00	.01	.08	3	2838
033187	3	23	46	262	1.0	30	14	1256	4.16	2059	9	5	17	100	1.1	159	2	64	.08	.046	37	34	.03	1027	.01	6	1.13	.01	.09	3	4642
033188	2	25	47	158	2.3	20	13	1109	4.22	4203	5	12	18	87	.5	71	2	56	.28	.034	37	29	.03	781	.01	7	.86	.01	.09	2	9394
033189	2	22	41	185	1.2	23	13	1462	4.09	2772	5	5	18	99	.7	94	2	60	.15	.040	40	29	.03	904	.01	7	.92	.01	.11	2	3421
KOKANEE BOOM 91-37																															
033190	2	24	37	265	.9	28	12	1056	4.24	1872	5	2	18	93	1.6	134	2	64	.09	.040	33	29	.03	788	.01	5	.83	.01	.07	3	2244
033191	2	19	29	148	2.5	15	9	1373	3.89	4270	5	16	14	82	.4	130	2	46	.43	.035	34	24	.03	743	.01	5	.57	.01	.07	1	12716
033192	2	20	37	138	2.1	18	11	1013	3.72	4015	5	11	16	90	.3	3395	2	46	.38	.040	35	27	.04	820	.01	7	.87	.01	.11	2	8657
RE 033188	2	23	46	155	2.2	18	12	1075	4.12	4178	12	12	17	83	.4	66	2	52	.28	.031	37	26	.03	729	.01	6	.84	.01	.10	2	10010
033193	2	15	25	122	.7	22	13	768	3.99	1460	5	2	16	73	.4	299	2	34	.36	.079	46	15	.04	743	.01	8	.81	.01	.13	1	1122
BLUE BERE 91-586																															
033194	2	14	20	148	.6	21	11	530	4.02	1581	5	ND	17	58	.9	179	2	19	.51	.107	50	10	.06	762	.01	12	.91	.01	.24	1	605
033195	4	47	36	208	1.5	25	7	132	2.62	1018	5	ND	10	257	2.4	70	2	218	.50	.283	30	41	.04	1981	.01	13	.90	.01	.17	1	297
033196	11	27	19	42	1.0	18	3	6	1.66	103	5	ND	8	160	.7	14	2	155	.14	.111	25	42	.05	1245	.01	19	.75	.01	.33	1	18
034070	4	29	35	377	.8	54	19	834	4.61	148	5	ND	15	77	1.1	90	2	44	.87	.042	42	30	.11	904	.01	8	.98	.01	.18	2	45
034071	2	34	38	160	.5	23	14	694	3.80	48	5	ND	13	147	.5	41	2	26	3.35	.041	39	22	.20	992	.01	8	.94	.01	.20	1	9
034072	2	14	42	110	.4	11	10	706	3.64	145	5	ND	11	278	.2	25	2	46	2.82	.068	37	18	.75	1004	.01	10	.68	.01	.18	1	41
034073	2	25	42	150	.6	28	13	692	3.56	65	5	ND	10	239	.5	58	2	29	2.99	.036	34	27	.45	804	.01	10	.75	.01	.19	1	17
034074	4	28	32	189	.6	33	14	637	3.97	87	5	ND	11	139	1.2	36	2	50	1.41	.076	33	28	.22	1203	.01	16	1.06	.01	.28	1	29
STANDARD C/AU-R	20	64	41	131	7.3	75	31	1024	3.90	42	22	6	39	53	18.2	18	18	59	.49	.094	40	58	.90	171	.09	31	1.90	.07	.14	11	462

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-102 330 File # 91-4713 Page 1

1050 Davie St., Vancouver BC V6E 1M4

NORANDA BCDDH 91-42

NORANDA BCDDH 91-44

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
033197	10	91	32	777	.8	100	19	421	4.89	1716	5	ND	9	52	14.1	18	2	123	.11	.054	32	27	.04	1519	.01	4	.70	.01	.08	5	441
033198	13	58	24	1225	.8	166	27	761	5.97	1045	5	ND	7	49	9.8	21	2	89	.17	.064	26	15	.07	983	.01	9	.80	.01	.18	7	147
033199	14	40	23	404	.4	76	13	191	2.76	202	5	ND	4	40	2.2	17	2	34	.17	.042	22	1	.07	1081	.01	12	.67	.01	.21	2	51
033200	7	22	35	206	4.0	39	6	64	2.33	2062	5	17	10	59	3.3	34	2	33	.12	.034	26	16	.04	1127	.01	6	.58	.01	.11	2	16926
033201	4	15	26	215	2.8	18	6	97	3.48	5520	5	15	10	69	3.6	32	2	32	.12	.027	30	9	.02	1207	.01	3	.48	.01	.08	1	14847
033202	4	13	28	182	2.5	15	4	134	3.61	8361	5	13	10	80	2.8	42	2	37	.13	.026	27	7	.02	1313	.01	2	.44	.01	.07	1	12285
033203	8	20	35	260	.7	43	8	106	3.00	935	5	ND	5	60	.6	16	2	23	.11	.034	21	12	.06	608	.01	11	.56	.01	.16	2	515
033204	9	62	16	124	4.7	28	5	91	2.26	439	14	ND	3	347	5.2	24	2	145	.87	.559	18	21	.03	4255	.01	9	.72	.01	.09	1	441
033205	33	28	29	141	1.4	21	3	61	1.68	94	5	ND	3	39	1.4	15	2	99	.07	.031	18	12	.03	764	.01	9	.50	.01	.14	1	97
033206	15	65	20	242	1.4	54	14	279	3.96	109	5	ND	4	112	2.3	19	2	54	.13	.097	21	4	.07	1654	.01	13	.73	.01	.21	2	112
033207	37	28	22	82	1.7	20	3	62	1.25	89	7	ND	3	105	2.3	14	2	351	.26	.142	13	24	.04	1104	.01	12	.55	.01	.17	1	44
033208	5	17	20	147	.2	26	12	641	3.51	655	5	ND	13	46	.2	20	2	29	.30	.121	46	17	.05	504	.01	7	.53	.01	.13	1	95
033209	3	15	19	107	.2	22	11	469	3.42	184	5	ND	14	35	.2	18	2	40	.43	.126	40	29	.33	456	.01	6	1.08	.02	.14	1	30
033210	3	13	16	97	.1	20	11	517	3.69	140	5	ND	14	70	.2	16	2	76	.89	.126	43	41	.93	966	.03	3	1.63	.03	.20	1	51
033211	5	13	17	143	.1	24	11	612	3.77	415	5	ND	13	78	.2	22	2	51	1.58	.087	37	30	.40	619	.01	6	.90	.01	.11	1	68
033212	2	11	21	107	.1	15	9	478	3.27	39	5	ND	14	40	.2	7	2	66	.65	.116	47	38	.76	410	.02	2	1.55	.02	.15	1	15
033213	4	13	15	105	.1	18	11	761	3.78	215	5	ND	16	44	.2	13	2	70	1.11	.128	54	32	.08	306	.01	3	.66	.01	.07	1	8
033214	3	13	18	115	.1	18	11	934	3.15	100	5	ND	15	47	.2	20	2	71	1.09	.122	50	30	.48	745	.07	2	1.14	.02	.23	1	18
033215	4	14	25	108	.1	16	10	731	3.51	147	5	ND	16	34	.2	17	2	67	.57	.122	52	30	.31	460	.05	2	.96	.01	.16	1	12
033216	5	15	30	142	.1	21	12	784	3.59	215	5	ND	17	30	.2	23	2	71	.40	.148	60	29	.04	272	.01	3	.67	.01	.04	1	6
033217	3	16	21	125	.1	19	12	765	2.46	125	5	ND	18	29	.2	23	2	62	.55	.138	59	20	.07	448	.01	2	.67	.01	.07	1	5
033218	3	15	29	122	.1	16	12	756	3.59	74	5	ND	19	34	.2	13	2	71	.85	.136	59	26	.10	527	.01	4	.60	.01	.06	1	8
033219	5	17	32	137	.1	21	12	946	3.72	272	5	ND	15	47	.2	21	2	59	.39	.067	37	24	.03	554	.01	5	.66	.01	.05	1	11
RE 033215	4	13	20	110	.1	16	11	743	3.55	151	5	ND	16	34	.2	17	2	67	.58	.125	52	29	.31	456	.05	3	.95	.01	.16	1	14
033220	5	17	37	127	.2	19	12	815	4.01	386	5	ND	14	42	.2	16	2	63	.17	.025	29	22	.04	524	.01	4	.62	.01	.04	1	25
033221	8	17	29	139	.4	24	12	798	4.40	1000	6	ND	12	48	.2	27	2	49	.15	.030	28	42	.03	589	.01	6	.57	.01	.06	1	105
033222	3	17	55	143	.4	15	12	927	3.86	679	5	ND	13	60	.5	48	2	69	.43	.025	27	21	.05	620	.01	4	.55	.01	.03	1	273
033223	5	15	41	121	.1	15	10	989	3.97	653	6	ND	13	65	.2	27	2	66	.09	.031	26	20	.03	751	.01	4	.90	.01	.04	2	80
033224	5	16	55	145	.8	19	11	697	3.68	2372	9	ND	14	54	.4	73	2	58	.12	.028	30	19	.02	616	.01	4	.60	.01	.06	2	1323
033225	5	17	39	156	.7	21	12	1102	4.05	1988	7	ND	14	48	.4	305	2	49	.12	.024	35	16	.03	595	.01	6	.55	.01	.08	1	840
033226	4	17	35	125	.4	15	11	1039	3.93	1020	5	ND	13	55	.2	81	2	67	.29	.023	32	23	.12	597	.01	2	.58	.01	.03	3	682
033227	4	17	29	135	1.5	17	12	879	3.66	3956	9	4	13	55	.2	138	2	52	.20	.023	30	21	.05	556	.01	4	.49	.01	.05	1	3717
033228	4	18	33	201	2.1	19	12	843	3.90	6467	8	6	13	66	.9	140	2	52	.23	.021	28	20	.02	506	.01	3	.46	.01	.06	1	6909
033229	5	24	125	325	2.0	17	12	738	3.65	2921	9	2	14	46	4.2	186	2	39	.22	.056	43	17	.03	518	.01	6	.55	.01	.08	2	1963
033230	2	15	30	195	.3	18	11	601	3.26	597	5	ND	18	36	.5	42	2	72	.52	.128	49	26	.60	673	.04	2	1.48	.01	.15	1	175
033231	1	16	17	106	.3	12	9	599	3.53	214	5	ND	14	63	.2	13	2	93	.88	.109	39	31	1.31	1096	.22	2	1.91	.04	.58	1	69
STANDARD C/AU-R	18	57	37	132	6.9	70	33	1042	3.95	40	21	6	37	52	19.0	16	19	56	.48	.091	36	58	.87	168	.09	33	1.88	.08	.15	13	470

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 25 1991 DATE REPORT MAILED: Sept 27/91 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery (RD) DDH 91-43 TR 4 RC 91-602, 603

Noranda Exploration Co. Ltd. PROJECT 9110-001 330 File # 91-4737 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033232	4	27	85	252	.9	31	17	748	4.32	78	5	ND	11	32	1.8	21	2	63	.40	.104	38	45	.46	708	.05	4	1.55	.02	.29	1	28
033233	5	18	34	156	.5	21	12	487	3.27	115	5	ND	13	24	.7	15	2	50	.40	.098	34	58	.28	350	.03	2	1.13	.02	.22	1	10
033234	2	14	29	96	.2	13	10	546	2.92	25	5	ND	12	68	.2	11	2	58	1.74	.105	42	37	.46	641	.01	2	1.15	.02	.15	1	11
033235	6	29	22	111	.2	21	12	520	3.35	303	5	ND	15	49	.8	18	2	45	.44	.119	46	49	.04	722	.01	2	.69	.01	.14	1	10
033236	4	21	25	149	.1	25	14	669	3.50	350	5	ND	15	39	.3	23	2	51	.34	.111	49	29	.04	445	.01	3	.66	.01	.12	1	7
RE 033241	4	15	21	84	.3	11	8	482	3.19	36	5	ND	13	55	.2	6	2	82	.90	.100	36	63	.94	593	.21	2	1.53	.03	.21	1	5
033237	3	14	19	94	.3	14	11	414	2.90	115	5	ND	15	51	.2	27	2	67	.91	.117	39	46	.34	573	.06	2	1.39	.01	.30	1	3
033238	2	14	19	76	.3	10	8	421	3.26	33	5	ND	14	91	.2	6	2	85	1.65	.101	43	43	.89	1449	.22	2	1.52	.05	.77	1	4
033239	2	14	15	89	.3	11	9	506	3.16	28	5	ND	15	40	.2	13	2	74	.80	.115	55	40	.54	651	.06	2	1.59	.02	.27	1	3
033240	2	14	19	90	.2	12	9	547	3.33	36	5	ND	15	46	.2	10	2	81	.74	.110	43	41	.60	852	.11	2	1.41	.03	.16	1	4
033241	4	15	19	88	.4	13	8	499	3.30	38	5	ND	14	56	.2	5	3	84	.93	.104	38	69	.97	601	.21	2	1.58	.04	.21	1	5
033242	3	14	25	77	.2	10	8	418	2.93	14	5	ND	13	61	.2	2	2	77	.91	.095	36	48	.95	931	.23	2	1.40	.04	.14	1	5
033243	6	18	21	146	.1	24	12	602	3.79	228	5	ND	16	56	.2	19	2	74	.45	.102	49	52	.27	804	.05	2	.99	.01	.07	1	13
033244	6	17	26	203	.2	25	13	682	3.86	793	5	ND	13	62	.3	21	2	54	.11	.032	32	26	.04	1416	.01	4	.60	.01	.06	2	99
033245	7	13	31	207	.1	24	12	810	3.22	224	5	ND	17	68	.4	14	2	68	.35	.071	41	47	.03	998	.01	3	.75	.01	.03	1	17
033246	5	17	25	174	.1	20	11	792	3.89	172	5	ND	17	56	.4	12	2	66	1.28	.112	54	39	.23	699	.01	2	.75	.01	.05	1	11
033247	4	16	22	226	.1	36	15	771	3.18	150	5	ND	19	32	.2	15	2	67	.74	.134	60	36	.23	519	.03	2	1.15	.01	.20	1	8
033248	4	16	35	173	.1	23	13	906	4.45	219	5	ND	18	50	.4	7	2	70	.72	.083	59	37	.26	587	.01	2	.65	.01	.06	1	26
033249	6	15	36	275	.1	37	14	1045	4.91	1012	6	ND	14	60	.5	25	2	59	.09	.037	43	41	.03	734	.01	2	.61	.01	.05	3	54
034468	7	18	36	191	.4	29	13	910	3.70	1056	5	ND	14	178	.6	84	2	56	1.42	.053	38	28	.59	1144	.01	3	.82	.01	.11	1	1111
034469	5	18	40	148	.4	21	11	1219	3.71	1035	5	ND	13	284	.5	55	2	50	2.54	.038	37	28	1.01	520	.01	2	.68	.01	.07	1	539
034470	4	18	89	275	.8	18	11	1289	3.32	764	5	ND	14	259	1.7	91	2	47	2.59	.050	36	32	.97	295	.01	5	.81	.01	.14	1	440
034471	5	16	17	127	.2	19	11	778	3.23	224	5	ND	12	120	.3	33	2	80	1.56	.093	33	53	1.08	768	.25	2	1.46	.06	.79	1	112
034472	6	16	24	133	.2	21	12	871	3.44	375	5	ND	13	144	.4	38	2	75	1.82	.089	39	66	1.13	661	.12	4	1.52	.05	.38	1	220
034473	5	17	24	121	.3	19	10	805	3.46	269	5	ND	14	106	.2	41	2	82	1.34	.089	42	56	1.08	1009	.26	2	1.58	.07	.68	1	201
034474	6	16	28	134	.3	21	10	703	3.27	236	5	ND	14	106	.3	43	2	78	1.20	.094	39	65	.96	1041	.25	3	1.57	.07	.63	1	116
034475	6	18	35	176	.4	30	11	1175	3.48	768	5	ND	15	120	.4	90	2	65	1.55	.103	48	40	.77	576	.08	2	1.22	.02	.25	1	517
034476	10	19	49	235	.3	53	10	2120	3.66	886	5	ND	13	193	1.5	188	2	54	1.89	.067	43	35	.72	987	.01	2	.65	.01	.09	1	738
034477	9	17	46	229	.3	59	11	1805	3.13	528	5	ND	13	113	1.6	85	2	57	1.10	.082	46	21	.52	1954	.03	2	.97	.02	.14	1	341
034478	8	36	29	186	.2	32	10	856	3.23	434	5	ND	13	79	.9	108	2	58	1.06	.091	47	21	.50	1733	.05	2	.92	.02	.14	1	178
034479	9	14	29	191	.3	34	11	1056	3.48	510	5	ND	12	104	1.2	106	2	49	.99	.071	43	15	.38	1644	.01	2	.93	.01	.12	1	264
034480	7	13	42	185	.4	44	10	1778	3.15	444	5	ND	10	127	1.2	74	2	41	1.54	.070	40	16	.61	1023	.01	2	.71	.01	.12	1	286
034481	5	11	28	134	.6	24	9	1114	3.13	404	5	ND	10	146	.9	41	2	41	1.90	.076	34	26	.63	713	.01	5	1.40	.01	.17	1	330
034482	7	315	38	138	.6	20	9	948	3.01	446	5	ND	10	175	.9	41	5	33	1.92	.068	29	36	.59	689	.01	2	1.02	.01	.17	1	429
034483	4	10	31	124	.4	18	8	963	3.08	227	5	ND	12	210	.4	28	2	36	2.52	.078	33	25	.79	536	.01	4	1.00	.02	.21	1	275
034484	5	10	32	121	.2	19	9	937	3.46	361	5	ND	11	249	.4	33	2	40	2.62	.082	32	27	.86	702	.01	5	1.51	.03	.23	1	451
034485	3	11	30	123	.2	16	8	758	3.08	210	5	ND	9	212	.5	23	2	33	2.56	.072	24	18	.83	372	.01	4	1.37	.02	.18	1	166
STANDARD C/AU-R	18	57	42	132	6.9	70	34	1052	3.97	40	18	7	36	53	18.5	16	17	55	.48	.091	38	58	.89	177	.09	31	1.89	.06	.15	12	470

KO RANGE BCDDH 91-43

S. GLADEN BCRC 91-602

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 26 1991 DATE REPORT MAILED: Sept 30/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery RC 91-604 to 608

Noranda Exploration Co. Ltd. PROJECT 9110-006 330 File # 91-4821 Page 1

1050 Davie St., Vancouver BC V6E 1M4

KOKANEE BCDDH 91-4/3

S. GOLDEN BRC 91-604

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
033250	3	11	44	300	.1	33	11	609	3.41	1042	5	ND	14	82	1.0	60	2	51	.26	.060	37	16	.08	924	.01	2	1.24	.01	.06	3	380
033251	8	22	35	485	2.6	52	8	403	3.05	3935	6	3	8	168	7.0	140	2	101	.22	.067	23	2	.05	1508	.01	8	1.01	.01	.12	5	5910
033252	10	27	25	205	.5	20	4	182	2.26	362	5	ND	5	142	3.9	14	2	115	.11	.093	24	13	.10	968	.01	7	1.07	.01	.29	1	180
033253	7	37	17	526	.3	51	17	592	3.47	381	5	ND	11	47	4.7	18	2	73	.38	.129	36	28	1.08	932	.02	3	2.33	.01	.24	2	190
033254	3	23	17	465	.3	38	11	308	3.85	93	5	ND	12	34	3.3	14	2	69	.48	.128	25	17	1.46	1630	.02	4	2.72	.01	.21	2	14
033255	3	22	16	159	.6	30	7	574	2.54	58	5	ND	6	62	1.5	30	2	32	2.31	.036	14	29	2.24	731	.03	10	2.04	.01	.29	1	5
033256	2	20	21	78	.2	21	6	718	2.47	65	5	ND	5	94	.7	12	2	32	3.95	.033	11	32	3.09	790	.04	4	2.32	.01	.32	1	37
033257	3	23	13	85	.1	32	7	396	1.75	18	5	ND	5	58	.6	3	2	43	1.74	.025	15	19	1.65	1599	.02	9	1.88	.01	.63	1	19
033258	12	32	26	339	.8	55	9	344	2.16	104	5	ND	7	86	3.5	9	2	100	.85	.088	22	11	.74	1546	.01	14	1.65	.01	.33	1	17
033259	6	45	20	201	.7	39	10	232	1.73	128	5	ND	5	81	1.6	12	2	64	1.74	.037	17	19	.39	1029	.01	5	.97	.01	.18	1	4
033260	17	22	7	269	.2	87	5	385	1.28	64	5	ND	4	95	2.6	10	2	173	7.32	.040	15	21	1.78	1331	.08	4	1.37	.01	.08	2	12
034522	9	34	23	262	.5	57	15	338	2.59	36	7	ND	10	179	3.0	22	2	50	.27	.081	31	5	.14	1843	.01	12	.96	.01	.23	1	13
034523	6	43	14	157	1.0	30	11	194	1.33	20	5	ND	4	314	1.9	8	2	51	.21	.092	19	1	.08	2130	.01	9	.86	.01	.24	1	8
034524	6	41	19	313	.3	64	18	264	2.94	74	5	ND	6	259	1.5	7	2	52	.17	.078	27	1	.10	2421	.01	4	1.08	.02	.26	1	20
034525	8	37	21	326	.2	80	18	158	3.61	44	5	ND	7	103	3.9	15	2	46	.15	.050	26	23	.19	128	.01	7	1.07	.02	.30	1	8
034526	10	33	15	362	.2	70	15	529	6.14	35	5	ND	5	112	2.9	9	2	51	.21	.067	21	27	1.00	90	.01	8	.86	.02	.28	1	16
034527	11	42	21	542	.3	102	18	293	3.75	52	5	ND	5	119	3.5	9	2	59	.17	.073	20	28	.53	71	.01	7	.92	.02	.28	3	16
034528	26	77	16	1007	1.3	124	12	167	3.09	45	5	ND	2	201	11.4	15	2	185	.44	.307	9	56	.25	64	.01	8	.99	.02	.26	5	12
034529	11	40	19	541	.3	91	17	333	4.37	40	5	ND	4	119	3.8	13	2	65	.22	.086	17	29	.64	89	.01	4	.81	.02	.25	2	8
034530	8	32	36	42[illegible]	.2	76	18	410	3.57	27[illegible]	5	ND	6	115	2.1	12	2	38	.59	.055	23	40	.65	11[illegible]	.01	5	.70	.01	.23	1	1
034531	4	31	37	224	.1	49	20	1033	5.30	39	5	ND	15	300	.4	38	2	67	3.50	.184	49	63	1.8[illegible]	174	.09	7	1.09	.01	.56	1	1
034532	5	27	3[illegible]	279	.2	76	18	433	4.0[illegible]	40	5	ND	7	126	.8	22	2	30	.92	.053	26	35	.70	77	.01	7	.76	.01	.29	1	4
034533	4	24	20	181	.1	60	17	452	4.28	65	5	ND	7	199	[illegible]	17	2	23	1.49	.061	20	28	.76	72	.01	9	.80	.01	.30	1	4
034534	4	25	18	203	.1	72	17	320	4.48	31	5	ND	4	196	.3	23	2	19	1.21	.036	15	23	.70	65	.01	7	.65	.01	.25	1	1
RE 034530	8	3[illegible]	42	440	.2	82	19	4[illegible]	3.78	30	5	ND	7	123	2.0	13	2	40	.63	.060	2[illegible]	34	.70	95	.01	4	.76	.01	[illegible]5	1	4
034535	6	33	22	173	.1	84	1[illegible]	274	3.72	37	5	ND	5	90	.4	21	2	26	.40	.038	21	31	.44	79	.01	6	.82	.01	.32	1	7
034536	[illegible]	19	22	123	.2	42	12	630	3.60	556	5	ND	[illegible]	227	.2	129	2	31	2.32	.065	15	28	1.01	82	.01	9	.8[illegible]	.01	.27	1	580
034537	8	16	31	229	.5	49	11	614	3.40	318	5	ND	5	237	1.3	34	2	58	2.06	.079	14	42	.95	82	.01	10	[illegible].17	.01	.28	1	250
034538	4	12	22	158	.2	[illegible]	10	599	3.07	273	5	ND	9	203	.5	37	2	33	2.[illegible]	.075	22	29	.97	117	.01	[illegible]	.81	.01	.21	1	210
034539	3	10	20	138	.1	20	9	546	3.15	40	5	[illegible]D	10	112	.4	16	2	58	1.77	.091	34	33	.88	487	.05	3	1.30	.02	.30	1	16
034540	3	11	35	129	.1	16	9	857	3.58	56	[illegible]	ND	14	98	.3	27	2	55	1.55	.081	45	26	.75	862	.01	6	.95	.01	.12	1	18
034541	3	10	37	123	.1	18	10	764	3.47	128	5	ND	11	130	.3	14	[illegible]	52	2.02	.053	34	24	.96	77[illegible]	.01	2	1.04	.01	.09	1	150
034542	5	12	31	15[illegible]	.2	25	9	1397	3.56	378	5	ND	7	160	.5	27	2	47	1.62	.036	18	42	.85	[illegible]57	.01	8	.98	.01	.15	1	370
034543	4	8	27	[illegible]16	.2	21	9	1148	3.41	78[illegible]	5	ND	7	197	.4	3[illegible]	2	31	2.18	.027	20	37	.94	88	.01	6	.82	.01	.17	1	750
034544	3	10	38	127	.2	19	10	1370	3.95	[illegible]64	5	ND	8	169	.3	[illegible]1	2	49	1.81	.035	23	38	.91	109	.01	6	1.32	.01	.13	1	1060
034545	4	13	[illegible]9	158	.1	23	10	1446	3.[illegible]7	541	5	ND	8	139	.6	121	2	48	1.62	.032	21	36	.86	335	.01	5	.86	.01	.10	1	440
034546	3	13	42	162	.2	21	9	1064	3.52	901	5	ND	8	143	.5	3852	2	46	1.94	.043	24	34	.82	106	.01	3	1.14	.01	.15	1	1150
STANDARD C/AU-R	19	56	38	134	6.8	70	29	1051	4.05	38	18	7	36	49	17.4	17	18	55	.48	.091	36	58	.88	183	.09	33	1.90	.05	.15	11	460

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 1 1991 DATE REPORT MAILED: Oct 3/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery (RD) JAN 91-45 RC 91-609, 10, 11

Noranda Exploration Co. Ltd. PROJECT 9110-004 330 File # 91-4800 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033261	4	38	39	263	.7	13	10	751	4.29	1815	5	ND	13	62	2.2	27	2	35	.08	.040	35	23	.04	690	.01	7	.67	.01	.09	1	970
033262	4	14	35	102	.5	13	10	683	3.82	290	5	ND	13	54	.2	16	2	54	.83	.028	30	31	.19	535	.01	3	.64	.01	.07	1	270
033263	4	12	37	124	.3	19	10	710	3.74	253	5	ND	14	51	.2	16	2	58	.40	.030	36	39	.12	558	.01	5	.68	.01	.06	1	44
033264	4	16	33	101	.3	13	10	596	3.57	111	5	ND	18	78	.2	11	2	62	.75	.101	54	39	.04	911	.01	4	.89	.01	.05	1	10
033265	5	14	31	96	.2	12	9	856	3.83	329	5	ND	14	56	.2	15	2	59	1.40	.058	31	31	.05	677	.01	4	.70	.01	.05	1	280
033266	2	19	19	101	.3	10	8	626	3.58	89	5	ND	19	68	.5	6	2	79	.99	.108	50	48	.76	485	.04	3	1.63	.03	.23	1	24
033267	2	19	22	102	.3	13	8	619	3.52	62	5	ND	19	70	.3	8	2	87	1.00	.112	49	52	1.00	1468	.20	3	1.88	.05	.44	1	4
033268	3	16	19	122	.2	15	9	618	3.64	70	5	ND	17	65	.4	7	2	90	1.00	.109	41	53	1.14	1663	.22	3	2.06	.04	.38	1	15
033269	3	15	19	128	.1	19	9	693	3.72	165	5	ND	16	63	.8	14	2	95	.81	.106	48	51	1.00	1556	.22	2	1.96	.04	.46	1	11
033270	6	18	47	223	.6	38	13	778	4.09	572	5	ND	15	68	2.7	46	2	101	.19	.052	37	39	.03	993	.01	2	.78	.01	.05	1	46
033271	5	18	32	129	.1	17	10	729	3.36	204	5	ND	18	73	.9	11	2	78	.90	.065	38	41	.11	1007	.02	2	1.06	.02	.07	1	68
033272	5	20	31	147	.2	22	12	820	3.87	261	5	ND	19	49	.7	15	2	80	.39	.094	51	44	.24	754	.01	2	1.20	.01	.05	1	6
033273	6	17	33	142	.2	23	11	852	4.04	528	5	ND	16	66	.2	16	2	75	.11	.045	36	39	.05	781	.01	3	.78	.01	.06	1	26
033274	7	19	32	133	.4	24	11	1078	4.66	1225	5	ND	15	64	.8	17	2	78	.09	.042	37	35	.04	887	.01	4	.68	.01	.09	1	590
033275	6	15	34	122	.6	18	11	976	3.95	1849	5	ND	15	61	.2	16	2	64	.12	.034	34	42	.03	813	.01	4	.68	.01	.07	1	1520
033276	4	21	35	130	1.3	17	10	890	4.25	3667	5	4	15	61	.2	22	2	54	.16	.035	32	35	.04	719	.01	6	.69	.01	.09	1	4410
033277	5	18	31	110	2.9	16	9	603	3.61	5445	5	12	13	79	.2	20	2	48	.13	.028	28	35	.04	600	.01	4	.61	.01	.07	1	11060
RE 033273	6	14	32	132	.2	23	11	831	3.98	566	5	ND	15	64	.2	16	2	73	.11	.046	34	42	.05	752	.01	4	.77	.01	.07	1	23
033278	8	57	29	206	1.3	36	9	304	3.81	3455	5	ND	8	83	.9	24	2	55	.24	.040	24	29	.13	860	.01	5	.86	.01	.19	1	3890
033279	4	48	22	168	.7	47	9	267	1.80	385	5	ND	6	30	.9	10	2	58	.22	.032	21	34	.83	280	.01	5	1.15	.01	.23	1	30
033280	4	62	20	163	.8	25	10	333	3.32	190	5	ND	11	55	1.5	9	2	75	.78	.092	36	47	1.58	637	.01	5	1.92	.01	.16	1	160
033281	8	42	28	257	.9	77	8	366	2.13	170	5	ND	8	71	1.6	11	2	154	1.30	.075	28	51	1.68	638	.01	3	1.60	.01	.06	1	8
033282	6	50	60	303	1.3	107	7	486	2.58	177	5	ND	6	79	4.2	8	2	188	3.93	.047	15	40	2.44	552	.06	2	1.75	.01	.05	1	31
033283	1	96	17	196	.7	48	7	388	2.74	176	5	ND	13	79	2.1	13	2	212	2.50	.117	37	43	1.44	2062	.17	2	2.23	.03	.43	1	240
033284	3	86	8	93	.3	12	8	312	3.12	45	5	ND	16	75	.5	8	3	80	1.25	.105	45	46	1.36	3208	.26	2	2.41	.05	.64	1	6
033285	2	75	9	92	.3	13	8	365	3.11	104	5	ND	15	81	.6	16	4	89	1.21	.110	42	39	1.37	2931	.26	3	2.69	.04	.61	1	22
033286	1	54	8	84	.3	13	7	492	2.84	130	5	ND	15	77	.4	20	2	88	2.87	.102	42	33	1.29	6029	.25	2	3.09	.04	.58	1	27
033287	1	123	10	99	.5	13	9	376	3.38	128	5	ND	16	64	.5	22	2	95	1.07	.111	46	45	1.62	3368	.23	2	3.09	.03	.62	1	5
034637	5	15	16	113	.2	31	9	554	3.55	477	5	ND	17	187	.7	15	2	27	2.07	.098	39	33	.22	501	.01	6	.72	.01	.23	1	66
034638	4	15	20	132	.2	37	10	593	3.41	389	5	ND	18	159	.3	18	2	49	1.69	.098	46	36	.38	591	.01	5	.91	.01	.15	1	330
034639	4	12	17	168	.3	48	11	713	3.33	222	5	ND	16	128	.5	14	2	57	2.15	.096	50	35	.38	548	.01	3	1.13	.01	.19	1	190
034640	3	10	18	107	.2	32	10	589	3.66	120	5	ND	18	120	.5	5	3	87	1.17	.095	52	61	1.32	1021	.16	2	2.18	.04	.73	1	56
034641	3	13	17	107	.2	28	8	589	3.55	173	5	ND	19	146	1.5	7	2	87	1.32	.090	46	63	1.36	1000	.16	2	2.17	.06	.65	1	310
034642	2	16	15	118	.1	36	10	610	3.59	76	5	ND	18	155	.7	7	2	83	1.55	.098	47	62	1.45	805	.09	2	2.38	.03	.40	1	34
034643	4	11	19	143	.2	45	10	554	3.84	135	5	ND	17	133	.7	12	2	85	1.32	.098	43	63	1.42	1059	.08	3	2.19	.03	.27	1	59
034644	3	11	17	95	.2	22	10	606	3.36	60	5	ND	17	213	.5	2	2	76	2.22	.092	42	62	1.37	587	.03	3	2.13	.03	.22	1	110
034645	4	16	24	111	.2	23	9	631	3.45	58	5	ND	16	191	.5	4	4	88	1.64	.091	40	68	1.44	2086	.28	3	2.13	.06	.81	1	120
STANDARD C/AU-R	18	58	39	141	7.0	72	32	1052	4.00	42	19	6	38	54	18.5	16	21	54	.47	.089	37	58	.91	181	.09	32	1.92	.08	.17	11	520

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 30 1991 **DATE REPORT MAILED:** Oct 2/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery (RK) RC91-612 to 614

Noranda Exploration Co. Ltd. PROJECT 9110-011 330 File # 91-4881 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
033288	3	100	76	153	1.6	19	13	666	4.08	1800	5	ND	14	72	1.2	22	2	29	.09	.042	42	20	.03	804	.01	6	.93	.02	.18	1	260
033289	2	45	32	101	.8	13	10	569	3.61	1724	5	ND	12	76	.4	22	2	37	.10	.033	38	14	.04	774	.01	7	.96	.01	.18	1	850
033290	3	25	24	85	.5	12	8	464	3.87	2070	5	ND	12	72	.7	28	2	37	.09	.034	41	17	.02	732	.01	6	.84	.01	.12	1	610
033291	3	17	29	87	.2	14	10	605	3.71	693	5	ND	11	71	.2	19	2	56	.06	.034	33	24	.02	713	.01	4	.77	.01	.09	1	69
033292	4	13	26	97	.2	17	9	660	3.63	884	5	ND	12	67	.6	16	2	52	.47	.033	41	31	.03	708	.01	6	.99	.01	.12	1	270
033293	4	15	35	106	.2	15	10	584	3.39	810	5	ND	10	75	.3	14	2	54	.42	.039	39	27	.03	811	.01	6	1.02	.01	.10	1	420
033294	5	16	34	128	.4	19	11	691	3.80	650	5	ND	14	78	1.0	20	2	67	.54	.070	46	28	.05	795	.01	6	.95	.01	.12	1	181
033295	4	16	27	104	.1	15	10	705	3.82	512	5	ND	10	72	.6	13	2	63	1.16	.035	36	27	.06	830	.01	4	.94	.01	.11	1	130
033296	7	16	35	140	.4	23	12	1169	4.02	917	5	ND	12	70	1.1	25	2	73	.18	.041	33	33	.02	927	.01	4	.86	.01	.09	1	490
033297	7	17	33	121	.3	19	11	1018	4.17	619	5	ND	12	77	.6	22	2	73	.08	.040	31	33	.02	904	.01	3	.75	.01	.06	2	153
033298	8	20	36	126	.3	21	12	1022	4.97	474	5	ND	14	87	.8	13	2	81	.07	.045	36	40	.03	1091	.01	4	1.08	.01	.04	3	150
033299	7	19	31	143	.3	23	12	883	4.30	373	6	ND	16	39	.9	15	2	94	.35	.119	62	36	.03	477	.01	3	.79	.01	.07	1	82
033300	2	19	28	113	.1	15	10	246	2.20	134	7	ND	17	46	.4	24	2	72	.63	.126	58	38	.30	2424	.01	2	1.76	.01	.13	1	8
033301	1	18	26	113	.2	15	10	533	3.73	83	5	ND	13	64	.9	13	2	98	.79	.105	44	47	1.18	2480	.20	2	2.23	.05	.31	1	45
033302	2	17	25	107	.1	13	9	472	3.42	82	5	ND	13	69	.7	8	2	92	.85	.101	44	55	1.11	1979	.20	3	2.08	.06	.43	1	29
033303	3	18	44	141	.2	17	11	608	3.54	204	5	ND	15	51	.5	14	2	87	.53	.108	44	33	.23	843	.05	3	1.38	.01	.15	1	11
033304	6	18	36	136	.2	21	12	908	4.15	625	5	ND	14	82	.7	27	2	80	.14	.057	38	31	.05	934	.01	3	.96	.01	.06	1	45
033305	4	18	33	110	1.0	16	11	659	3.69	2086	5	ND	14	62	.3	31	2	54	.27	.035	36	25	.03	702	.01	3	.66	.01	.09	1	590
033306	2	17	32	216	2.5	26	13	703	3.81	5991	5	7	12	92	.2	253	2	39	.83	.022	33	19	.15	408	.01	3	.55	.01	.10	1	5980
033307	4	15	34	250	2.6	27	6	144	2.23	3414	5	ND	9	116	1.1	46	2	69	.19	.048	30	17	.04	753	.01	7	.65	.01	.18	1	2980
033308	5	37	40	358	1.9	47	9	233	3.29	1166	5	ND	6	94	2.1	37	2	24	.33	.064	19	28	.12	150	.01	6	.90	.01	.19	1	640
033309	13	81	26	397	4.4	76	10	512	4.27	1838	6	ND	5	430	4.1	29	2	164	2.02	.339	29	67	.59	419	.01	6	.87	.01	.11	1	380
033310	3	48	36	287	.4	66	19	1014	4.77	537	5	ND	11	389	1.4	8	2	66	5.04	.157	34	46	2.17	77	.01	3	.86	.01	.08	1	138
033311	3	45	29	361	1.8	52	17	1218	4.75	3059	5	ND	11	492	4.2	18	2	82	4.89	.102	25	53	1.72	109	.01	4	.71	.01	.08	1	1420
033312	3	23	40	290	.8	16	9	641	2.87	309	6	ND	10	389	1.8	10	2	30	3.59	.097	36	28	1.18	211	.01	5	.78	.01	.17	1	79
033313	2	25	38	383	.5	17	9	510	3.16	363	5	ND	10	306	2.8	11	2	40	3.05	.102	35	24	1.00	179	.01	3	.77	.01	.12	1	71
033314	2	32	24	391	.5	13	9	509	3.72	139	5	ND	9	212	3.8	7	2	45	2.92	.106	32	30	1.01	116	.01	3	1.05	.01	.20	1	10
033315	1	42	20	65	.5	33	9	378	2.27	28	5	ND	5	127	.8	5	2	33	3.64	.032	16	42	1.82	73	.01	7	1.44	.01	.35	1	29
033316	3	49	14	143	.5	43	13	244	1.86	19	5	ND	3	162	.7	2	2	49	2.48	.059	13	54	1.31	117	.01	10	1.27	.01	.43	1	11
RE 033312	3	23	39	287	.7	17	9	633	2.81	271	6	ND	9	386	2.0	10	2	29	3.56	.096	35	28	1.18	188	.01	6	.78	.01	.17	1	64
033317	4	57	13	72	.5	41	13	239	1.43	19	5	ND	3	126	.2	4	2	48	1.84	.033	14	59	1.01	83	.01	10	.87	.01	.37	1	9
033318	2	16	21	87	.2	12	9	461	3.13	21	5	ND	10	84	.5	7	2	69	.78	.097	35	56	1.00	1146	.08	3	1.77	.04	.38	1	7
033319	1	12	19	88	.1	14	11	546	3.21	25	5	ND	11	58	.6	21	2	70	.44	.096	41	54	1.26	1529	.06	2	2.17	.02	.28	1	10
033320	1	12	22	99	.1	11	8	451	3.40	61	5	ND	12	35	.9	28	2	56	.40	.095	44	38	1.18	546	.02	2	1.91	.02	.21	1	8
033321	2	7	16	74	.1	8	7	482	3.45	30	5	ND	12	91	.7	10	2	67	.95	.091	45	42	1.16	1251	.02	3	2.02	.05	.22	1	13
033322	3	11	16	46	.1	8	7	287	3.44	41	5	ND	13	38	.6	17	2	53	.38	.096	46	27	.86	383	.01	4	1.54	.04	.20	1	5
033323	3	16	23	68	.1	9	8	333	3.24	21	5	ND	13	64	.5	16	2	62	.41	.100	48	33	.65	1132	.04	2	1.47	.04	.24	1	6
STANDARD C/AU-R	19	61	42	131	7.3	75	33	1038	3.95	41	16	7	39	53	17.4	16	20	59	.48	.090	40	56	.87	175	.09	33	1.93	.06	.16	11	450

KOKANEE ZONE BCDDH 91-46 (TWIN OF BCRC 90-278)

KOKANEE BCDDH 91-47

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 3 1991 DATE REPORT MAILED: Oct 7/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
033324	2	16	16	69	.4	10	8	392	2.96	16	5	ND	20	53	.2	3	2	78	.47	.096	45	56	.89	628	.06	2	1.62	.06	.33	1	14
033325	2	17	14	76	.2	11	9	399	3.08	19	5	ND	17	58	.4	12	2	83	.55	.100	46	58	1.08	842	.07	2	1.86	.05	.34	1	4
033326	2	16	13	71	.1	11	8	381	3.07	31	5	ND	17	55	.6	16	2	88	.57	.102	47	58	1.03	924	.13	2	1.92	.05	.56	1	8
033327	2	20	27	145	.1	24	10	473	2.82	189	5	ND	18	58	.8	38	2	98	.52	.123	59	44	.33	760	.10	2	1.52	.02	.38	1	21
033328	6	20	34	221	.4	44	11	1002	3.25	347	5	ND	18	77	3.0	49	2	97	.11	.056	37	49	.03	1057	.02	2	1.10	.01	.06	4	100
033329	6	19	31	196	.2	38	12	800	3.63	414	5	ND	12	84	2.3	48	2	102	.07	.048	25	48	.03	2903	.02	3	1.14	.01	.07	4	120
033330	6	16	25	183	.6	31	9	727	3.21	1420	5	ND	14	76	2.6	30	2	86	.09	.040	33	50	.02	1063	.01	5	.96	.01	.10	3	1290
033331	6	15	28	138	.4	21	11	637	3.85	1586	5	ND	17	74	1.8	30	2	88	.10	.041	38	41	.03	1547	.01	7	1.05	.01	.14	5	550
033332	6	15	30	133	.9	19	11	674	3.07	1410	5	ND	19	83	1.6	31	2	76	.09	.043	37	45	.02	1073	.01	6	1.00	.01	.12	6	720
033333	6	17	30	109	.2	15	10	631	3.10	715	5	ND	15	87	.8	31	2	72	.06	.042	33	44	.02	1026	.02	3	1.01	.01	.06	6	240
033334	7	16	30	120	.9	20	10	726	3.18	1560	6	ND	17	72	.9	39	2	64	.21	.038	34	49	.03	1027	.01	7	.96	.01	.16	2	730
033335	6	17	30	130	1.0	21	11	579	3.74	2812	5	3	16	75	1.2	29	2	71	.24	.035	36	43	.03	932	.01	6	.95	.01	.13	2	1210
033336	5	15	27	99	.9	17	10	477	3.47	1838	5	ND	14	142	.8	25	2	40	.88	.065	41	37	.12	568	.01	13	.98	.01	.24	1	720
RE 033341	4	18	30	96	.7	15	10	578	3.57	2039	5	2	15	155	.5	27	2	47	1.36	.080	44	35	.30	420	.01	6	.95	.01	.11	1	1040
033337	5	20	28	139	.1	25	12	505	3.53	462	5	ND	17	79	1.4	15	2	69	.87	.111	61	40	.05	894	.01	8	1.18	.01	.21	1	110
033338	6	16	23	85	1.2	17	11	784	3.57	2251	5	3	15	71	.3	17	2	59	.61	.055	38	50	.05	1544	.01	6	1.08	.01	.12	1	1990
033339	5	18	31	82	2.6	13	10	651	3.69	6428	5	8	13	81	.4	36	2	51	.45	.038	31	43	.06	682	.01	6	.83	.01	.12	1	7460
033340	4	21	36	115	.2	18	12	725	3.58	1037	5	ND	22	94	.2	14	2	67	.59	.095	55	37	.04	1130	.01	5	1.23	.01	.11	1	140
033341	4	18	27	93	.8	15	10	573	3.48	1964	5	2	16	149	.5	26	2	47	1.31	.077	44	34	.29	403	.01	6	.92	.01	.13	1	1010
033342	3	16	24	96	.5	13	9	887	3.03	1482	5	ND	14	233	.5	18	2	37	2.61	.031	27	31	.82	460	.01	8	.77	.01	.14	1	440
033343	7	40	27	389	1.2	30	7	272	2.61	1379	5	ND	7	117	6.6	17	2	86	.95	.049	16	53	.26	124	.01	6	.66	.01	.10	1	260
033344	50	93	18	438	3.9	101	6	25	1.97	713	7	ND	4	93	10.4	29	3	235	.12	.086	12	61	.03	145	.01	8	.58	.01	.19	1	330
033345	18	74	12	325	3.7	44	4	19	1.14	480	9	ND	1	339	8.4	16	2	423	.91	.638	11	110	.02	3726	.02	10	.77	.01	.13	2	160
034710	6	49	18	372	.7	73	15	324	4.14	257	5	ND	8	94	2.8	135	2	57	.27	.057	19	34	.10	1263	.01	9	1.05	.02	.30	2	210
034711	10	44	18	340	.3	61	10	52	2.93	53	6	ND	5	199	1.7	18	2	56	.18	.052	4	17	.04	1259	.01	7	.96	.02	.33	1	7
034712	8	49	12	472	.1	93	18	164	3.66	31	5	ND	4	139	1.1	4	2	56	.15	.055	4	19	.04	1397	.01	7	1.10	.02	.34	1	4
034713	12	56	17	458	.3	81	14	110	3.51	39	8	ND	5	150	.9	10	2	61	.15	.054	5	16	.04	1064	.01	6	1.06	.02	.30	1	5
034714	14	29	16	210	.3	57	7	171	2.42	28	5	ND	4	151	.6	6	2	76	.16	.055	6	18	.04	1462	.01	8	.87	.02	.34	1	6
034715	21	28	13	244	.6	63	6	101	2.37	36	5	ND	2	341	.7	7	2	144	.37	.182	3	40	.03	2127	.01	11	.82	.01	.26	1	3
034716	43	63	13	613	1.0	131	11	72	3.55	74	5	ND	3	382	2.4	10	2	177	.44	.230	3	46	.04	1014	.01	10	1.23	.02	.28	1	6
034717	21	45	17	267	.7	62	4	43	3.10	49	5	ND	3	376	.5	7	2	142	.19	.116	6	28	.06	1564	.01	10	.91	.02	.30	1	5
034718	36	67	17	382	.7	79	7	111	3.83	96	5	ND	4	355	.8	8	2	150	.16	.122	4	29	.04	1766	.01	8	.97	.01	.32	1	2
034719	34	60	14	637	.1	103	15	183	4.28	92	5	ND	4	194	1.0	6	2	77	.12	.067	5	23	.04	1490	.01	7	1.16	.02	.32	1	4
034720	41	46	25	539	.4	87	9	50	3.51	113	5	ND	9	165	1.4	11	2	66	.12	.067	19	28	.04	1498	.01	8	1.02	.02	.32	1	5
034721	41	86	34	709	.3	150	15	62	4.04	204	5	ND	21	136	1.6	14	2	64	.21	.117	53	56	.04	1604	.01	8	1.48	.01	.33	1	1
034722	15	57	19	452	.4	65	8	29	4.09	74	5	ND	7	131	2.0	10	2	67	.10	.057	9	17	.04	1122	.01	8	.91	.02	.30	1	1
034723	12	37	16	357	.1	49	5	10	3.43	41	5	ND	3	129	.3	8	2	80	.09	.045	4	17	.03	1121	.01	9	.76	.01	.26	1	3
STANDARD C/AU-R	19	65	40	130	6.9	72	31	1035	3.92	41	15	7	41	53	17.5	15	21	60	.48	.088	40	58	.87	173	.09	34	1.92	.06	.15	11	480

KOKANEE ZONE BCDDH 91-47 (TWIN OF BCRC 90-279)

GOLDEN ZONE BCRC 91-612

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery (RD) DDH 91-41,48,49; RC 91-615,618 TR 91-803 to 7; 23,406E to 23600E

Noranda Exploration Co. Ltd. PROJECT 9110-014 330 File # 91-4931 Page 1

1050 Davie St., Vancouver BC V6E 1M4

KOKANEE BCOOH 91-48

KOKANEE BCOOH 91-41

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
3346	7	15	32	96	2.0	10	8	867	2.89	989	5	2	11	62	.4	6157	2	38	.28	.036	28	63	.03	1061	.01	8	.86	.01	.12	1	1840
3347	5	16	29	87	.3	12	10	602	3.23	607	5	ND	13	63	.2	89	2	47	1.10	.030	36	39	.05	822	.01	9	.87	.01	.11	1	114
3348	4	13	25	84	.3	11	10	617	3.51	554	5	ND	12	106	.2	31	2	53	2.40	.030	32	42	.42	804	.01	5	.82	.01	.09	1	184
3349	6	17	26	86	.2	12	11	697	3.85	183	5	ND	13	73	.2	78	2	57	1.46	.036	35	53	.23	1030	.01	5	1.01	.01	.05	1	280
3350	6	18	28	75	.8	18	11	992	3.77	1291	5	ND	12	101	.2	255	2	57	.39	.068	41	17	.04	1633	.01	7	.91	.01	.12	1	1110
3351	5	15	29	77	.3	20	11	687	3.20	397	6	ND	15	86	.2	154	2	47	.19	.097	39	15	.03	1152	.01	7	.93	.01	.12	1	55
3352	7	16	52	123	.5	18	14	1375	3.46	503	5	ND	16	111	.4	190	2	63	.19	.107	41	22	.03	1678	.01	5	1.10	.01	.11	1	122
033357	3	16	30	93	.4	12	12	538	3.31	85	5	ND	15	56	.2	30	2	59	.43	.120	50	1	.46	3321	.03	5	1.50	.02	.26	1	10
3353	7	13	36	118	.3	18	13	1226	3.63	595	5	ND	16	125	.4	86	2	65	.19	.102	41	14	.03	1571	.01	6	1.12	.01	.09	2	250
3354	7	18	35	81	.9	11	10	802	4.10	719	5	ND	14	70	.5	55	2	26	.29	.116	55	4	.04	907	.01	10	.85	.01	.18	1	440
3355	6	28	38	69	1.2	12	11	845	4.07	849	7	ND	13	112	.2	185	2	26	.23	.114	54	1	.05	1608	.01	10	1.01	.01	.20	1	380
3356	6	18	25	107	.7	21	11	675	3.27	619	5	ND	16	33	.4	64	2	45	.39	.143	58	32	.04	555	.01	8	.83	.01	.22	1	310
3357	3	17	31	100	.4	13	13	572	3.64	95	5	ND	16	60	.2	31	2	63	.47	.135	55	1	.50	3552	.03	4	1.58	.02	.27	1	5
3358	2	14	34	116	.3	10	10	442	3.39	28	5	ND	15	65	.3	8	2	82	.61	.112	43	30	1.03	2261	.11	4	1.87	.05	.54	1	12
3359	4	14	22	103	.2	11	9	499	3.53	31	5	ND	15	75	.2	11	2	92	.82	.117	45	50	1.08	1708	.22	2	1.98	.06	.74	1	6
3360	2	14	18	94	.3	11	9	416	3.32	45	5	ND	16	59	.2	12	2	87	.62	.117	45	35	.85	1754	.23	2	1.94	.06	.67	1	5
3361	3	17	19	124	.2	17	9	376	3.41	133	5	ND	17	42	.7	25	2	80	.60	.127	48	35	.43	840	.07	2	1.71	.03	.22	1	3
3362	7	17	26	172	.6	32	11	917	3.27	917	8	ND	14	73	3.3	27	2	105	.16	.065	39	32	.04	1057	.01	5	1.00	.01	.08	2	990
3363	7	16	31	163	.9	24	10	937	3.70	1691	10	2	13	67	2.9	37	2	110	.13	.043	36	33	.04	1091	.01	6	.86	.01	.08	2	2670
3364	7	16	27	104	.9	14	10	739	3.86	2147	7	2	12	72	.6	24	2	73	.33	.034	31	32	.03	1275	.01	6	.85	.01	.07	2	3200
3365	6	16	27	121	1.0	15	11	1059	4.07	2177	10	ND	12	81	.9	27	2	65	.89	.037	35	26	.09	1200	.01	9	.94	.01	.11	1	1620
3366	6	17	34	136	.3	18	12	890	3.92	680	5	ND	16	68	1.1	37	2	90	.39	.070	44	34	.10	1064	.01	3	.98	.01	.06	1	710
3367	5	17	27	119	.2	14	10	567	3.72	161	5	ND	16	45	.3	28	2	86	.68	.126	52	41	.45	844	.08	2	1.41	.02	.22	1	29
3368	4	17	22	111	.4	15	9	548	3.54	100	5	ND	14	93	.3	15	2	93	1.55	.111	42	47	1.24	2107	.25	4	2.05	.06	.69	1	51
3369	2	18	31	109	.4	14	9	546	3.62	55	5	ND	14	85	.2	15	2	92	1.79	.111	43	27	1.22	2497	.28	3	1.96	.05	.67	1	19
3370	4	15	24	111	.3	13	11	483	3.47	210	5	ND	14	82	.2	23	2	81	.90	.092	38	1	.63	3579	.15	3	1.79	.03	.54	1	16
3371	6	16	32	99	.3	13	11	760	3.66	754	5	ND	12	74	.2	14	4	59	.76	.041	35	21	.06	1044	.01	3	.91	.01	.09	1	250
3372	5	18	28	106	.8	13	11	654	3.88	2068	5	ND	13	70	.2	73	2	56	.95	.035	36	29	.06	827	.01	4	.91	.01	.09	1	2190
3373	7	21	25	189	3.9	28	9	410	3.52	8123	5	3	9	87	1.9	81	2	77	.60	.032	25	29	.15	544	.01	5	.57	.01	.09	1	12560
3374	8	43	29	105	2.4	22	5	231	2.32	628	5	ND	3	114	1.7	11	2	110	.64	.100	12	41	.27	108	.01	10	.80	.01	.19	1	440
3375	14	27	31	208	3.0	24	5	322	2.48	1337	5	ND	4	207	1.4	14	2	106	.96	.155	16	42	.37	520	.01	10	.81	.01	.19	1	410
3376	9	68	27	1271	2.6	85	12	597	3.63	944	5	3	7	257	14.0	9	2	130	2.60	.186	21	52	.99	281	.01	7	.73	.01	.17	6	520
3377	12	48	80	445	1.8	41	12	240	2.32	170	5	ND	6	55	2.3	15	2	26	.10	.039	25	21	.08	1195	.01	7	.82	.01	.21	2	57
3378	6	45	23	105	.7	21	6	524	2.96	201	5	ND	5	77	2.1	15	2	18	3.53	.029	14	23	1.15	691	.01	4	.66	.01	.13	1	35
3379	2	25	38	174	1.5	20	12	1785	3.56	1836	5	2	9	115	2.3	1749	2	31	.98	.079	38	1	.07	1761	.01	11	.93	.02	.22	1	2750
3380	3	10	25	124	.7	15	11	1537	3.77	2004	5	ND	10	110	.5	106	2	20	2.72	.097	38	1	.07	1077	.01	11	.65	.01	.23	1	1210
3381	2	13	23	258	.4	20	18	1762	4.62	2167	5	ND	11	95	.9	311	2	20	1.06	.076	39	1	.07	1030	.01	12	.94	.01	.26	1	1040
STANDARD C/AU-R	18	56	38	132	7.0	70	33	1038	3.97	40	16	7	36	54	18.4	18	17	55	.48	.091	37	58	.88	177	.09	34	1.89	.06	.15	13	470

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 7 1991 **DATE REPORT MAILED:** Oct 9/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

IPLE#	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
3382	3	11	33	139	.5	19	16	1561	4.51	1265	5	ND	11	118	.2	323	2	22	2.01	.066	40	13	.09	1251	.01	8	.89	.01	.23	1	330
3383	2	11	27	151	.4	17	15	1452	4.54	1527	5	ND	11	125	.2	260	2	17	2.09	.077	43	1	.08	1225	.01	9	.72	.01	.20	1	750
3384	2	20	29	112	1.4	9	11	1190	4.26	4904	5	5	10	161	.2	1055	2	29	.60	.049	42	1	.12	1528	.01	9	.87	.01	.21	1	5380
3385	5	37	35	168	.8	43	16	1002	3.93	1178	5	ND	16	165	1.1	465	2	44	.12	.058	55	9	.05	1787	.01	7	.90	.01	.20	1	460
3386	3	31	50	208	.7	38	18	1115	4.08	2121	5	ND	15	127	1.5	1379	2	38	.16	.045	48	31	.08	1213	.01	5	.94	.01	.16	1	1120
3387	4	49	56	179	.7	37	16	350	3.22	3165	6	3	18	130	.9	2693	2	42	.08	.033	36	42	.03	857	.01	3	.71	.01	.10	2	2540
3388	3	37	55	182	.9	33	16	1119	3.99	3143	5	3	13	128	.8	11970	2	45	.66	.025	27	46	.28	601	.01	3	.74	.01	.11	1	3770
3389	2	25	27	110	.8	27	12	1228	3.57	2257	5	ND	10	294	.7	288	2	33	2.53	.022	22	34	.92	548	.01	5	.62	.01	.11	1	2340
3390	3	16	31	142	.8	12	12	1392	4.03	2415	5	4	6	217	.2	3715	2	27	1.86	.022	14	32	.71	332	.01	5	.63	.01	.13	1	3250
3391	3	15	38	144	.9	16	13	1674	3.82	2499	5	3	8	177	.2	1102	2	30	1.30	.025	18	27	.45	448	.01	7	.63	.01	.11	1	4260
3392	5	27	53	248	1.4	32	14	1051	3.47	2950	5	2	5	189	1.4	6019	2	36	1.50	.022	13	35	.61	93	.01	2	.77	.01	.07	1	5470
3393	9	40	83	273	2.2	42	15	892	3.93	3181	5	ND	3	200	1.7	6714	2	38	2.01	.021	12	41	.83	55	.01	6	.77	.01	.14	1	5060
3394	6	18	34	124	.9	34	12	1675	4.19	1696	5	2	6	143	.5	204	2	48	1.64	.027	18	29	.69	294	.01	2	.50	.01	.08	1	4850
3395	4	11	26	85	.5	14	8	1752	3.65	732	5	2	6	246	.2	108	2	47	2.99	.034	19	22	.97	882	.01	2	.55	.01	.07	1	2130
3396	3	14	36	129	.2	13	11	1485	4.95	131	5	ND	8	124	.2	50	2	63	.92	.029	27	29	.56	744	.01	2	.63	.01	.03	1	190
3397	2	17	38	216	.1	25	16	1057	3.84	55	6	ND	12	156	.5	33	2	55	.04	.050	38	10	.03	1380	.01	4	.81	.01	.08	2	23
3398	2	15	40	325	.3	24	17	1268	4.20	284	5	ND	13	150	1.2	31	2	58	.82	.063	40	12	.07	1782	.01	4	1.12	.01	.12	1	160
033403	3	15	39	127	.2	14	10	781	3.33	518	5	ND	12	190	.2	475	2	55	2.54	.043	32	18	.79	1198	.01	2	.74	.01	.07	1	510
3399	2	15	48	305	.5	24	15	1029	3.88	510	5	ND	10	190	1.7	57	2	42	2.00	.057	30	16	.33	1152	.01	3	.80	.01	.12	1	1000
3400	2	14	40	153	.3	18	13	1396	3.85	1018	5	ND	9	214	.4	57	2	45	1.46	.032	26	20	.35	790	.01	2	.68	.01	.07	1	1860
3401	2	14	41	140	.2	16	12	1041	3.38	468	5	ND	9	134	.4	40	2	51	.57	.023	22	24	.18	601	.01	2	.60	.01	.04	1	640
3402	3	19	61	186	.6	14	11	932	3.86	1178	5	ND	10	186	.5	6700	2	51	2.32	.025	26	31	.61	470	.01	2	.68	.01	.09	1	1090
3403	3	17	39	134	.3	14	11	828	3.58	553	5	ND	13	201	.2	599	2	59	2.76	.044	34	19	.86	1231	.01	2	.76	.01	.07	1	480
3404	3	14	41	116	.2	11	9	954	3.47	370	5	ND	10	145	.3	84	2	53	2.68	.024	26	33	1.01	591	.01	2	.64	.01	.04	1	390
3405	3	19	40	123	.8	14	12	1191	4.05	2405	5	2	9	207	.3	71	2	52	2.04	.022	25	35	.88	318	.01	3	.65	.01	.08	1	2340
3406	3	16	38	136	.5	15	12	1066	3.89	1750	5	ND	11	178	.2	191	2	55	1.99	.037	29	25	.85	677	.01	2	.63	.01	.06	1	2490
3407	2	16	32	87	.6	13	11	782	3.42	971	5	ND	9	238	.4	39	2	32	2.38	.043	20	16	.88	550	.01	5	.65	.01	.11	1	560
3408	2	8	24	52	.2	10	10	814	3.71	56	5	ND	9	188	.2	17	2	36	2.57	.052	19	19	.98	701	.01	7	.86	.01	.13	1	10
3409	5	15	52	116	.3	10	11	1086	4.79	273	5	ND	24	206	.2	48	2	35	1.94	.040	39	28	.89	365	.01	6	.85	.01	.15	1	80
3410	8	26	181	340	2.1	5	12	2521	7.78	1360	11	ND	68	221	1.7	78	2	28	2.45	.040	75	13	1.17	70	.01	2	.71	.01	.06	2	1080
4787	15	33	25	534	.6	57	11	661	3.26	93	5	ND	7	153	3.3	131	2	94	1.09	.095	29	69	.45	999	.01	12	1.46	.03	.30	2	30
4788	17	53	26	914	.5	92	14	494	3.82	80	5	ND	6	183	8.5	16	2	113	.94	.135	25	24	.35	915	.01	7	1.21	.02	.26	4	12
4789	12	49	20	687	.2	100	17	317	4.02	58	5	ND	4	132	12.4	10	2	76	.41	.075	14	13	.18	915	.01	7	1.10	.02	.25	4	5
4790	6	34	20	387	.2	70	15	461	4.51	58	5	ND	2	110	7.7	7	2	42	.40	.043	8	8	.17	1233	.01	6	.88	.03	.26	1	16
4791	9	29	17	267	.1	65	11	180	2.40	31	5	ND	2	83	1.9	5	2	42	.21	.026	4	1	.08	889	.01	8	.84	.02	.27	1	4
4792	8	29	19	258	.2	63	13	178	3.39	25	5	ND	1	72	2.4	3	2	48	.17	.030	4	4	.07	793	.01	9	.76	.02	.26	1	3
4793	5	29	19	222	.1	56	12	201	3.20	21	5	ND	1	73	1.8	2	2	44	.17	.032	4	8	.08	666	.01	10	.84	.03	.30	1	3
ANDARD C/AU-R	18	58	38	133	7.1	71	34	1049	3.99	42	18	7	37	52	18.4	20	19	56	.48	.091	39	59	.88	178	.09	32	1.90	.06	.15	12	530

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

GEOCHEMICAL ANALYTICAL CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 91-10-022 33D File # 91-5074 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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
33411	2	25	29	421	.1	45	24	1953	3.84	216	8	ND	13	124	4.6	289	2	34	.69	.046	43	31	.07	1274	.01	6	.85	.01	.14	1	43
33412	2	18	32	252	.1	37	23	1606	4.02	69	6	ND	13	87	.9	51	2	49	.45	.035	37	36	.06	1004	.01	5	.75	.01	.18	1	25
33413	2	26	35	290	.3	33	20	788	3.85	148	9	ND	14	93	1.4	43	2	29	.06	.044	44	26	.04	1937	.01	8	.75	.01	.14	1	20
33414	2	20	37	385	.1	40	25	1397	4.07	142	5	ND	12	104	.9	38	2	21	.30	.048	44	20	.06	1389	.01	7	.74	.01	.15	1	26
33415	2	19	35	284	.4	26	17	1517	4.74	1203	5	ND	9	100	.2	362	2	32	.06	.033	30	29	.04	800	.01	6	.64	.01	.12	1	1270
33416	3	29	69	326	.4	38	19	892	4.24	697	5	ND	14	138	.7	455	2	27	.08	.052	44	25	.05	1367	.01	8	.79	.01	.16	1	118
33417	2	19	79	579	.2	73	30	1043	4.47	69	5	ND	17	95	2.1	350	2	53	.34	.111	46	33	.41	1695	.04	6	1.56	.01	.28	1	19
33418	2	19	29	243	.2	59	19	828	4.18	34	5	ND	16	74	.4	144	2	62	.61	.114	42	39	.78	1308	.06	5	2.04	.01	.30	1	9
33419	2	17	38	251	.3	28	16	1169	3.44	59	5	ND	16	165	.6	41	2	41	.80	.098	36	28	.24	858	.01	5	.65	.01	.13	1	10
33420	4	30	29	164	.3	31	10	395	3.67	166	6	ND	10	125	.2	36	2	33	.82	.029	31	25	.23	368	.01	5	.57	.01	.18	1	70
33421	4	23	15	141	.1	36	16	735	4.15	125	5	ND	13	154	.2	624	3	54	1.97	.100	34	42	.81	448	.01	5	1.82	.01	.16	1	20
33422	2	16	13	89	.1	15	10	544	3.22	161	5	ND	16	269	.2	203	2	46	2.76	.096	36	30	1.03	366	.01	5	1.62	.01	.17	1	33
33423	2	17	26	116	.1	14	9	602	3.21	114	6	ND	18	149	.2	47	2	78	2.15	.098	42	46	1.16	771	.22	4	1.75	.04	.50	1	36
33424	2	20	27	133	.1	20	11	514	2.95	54	5	ND	20	84	.2	20	2	78	1.53	.105	51	45	.81	783	.11	2	1.24	.02	.28	1	6
E 033428	3	17	33	110	.1	12	8	548	3.13	8	5	ND	15	89	.2	7	2	87	1.74	.099	36	59	1.22	986	.28	2	1.69	.05	.48	1	2
33425	2	15	24	121	.1	15	11	726	3.65	85	7	ND	19	120	.2	29	2	61	1.47	.071	44	33	.60	548	.01	3	.64	.01	.08	1	19
33426	2	20	26	110	.1	16	12	826	3.86	248	6	ND	20	124	.2	24	2	59	1.42	.055	52	36	.76	936	.01	3	.71	.01	.05	1	162
33427	3	16	24	101	.1	14	9	487	2.91	18	8	ND	18	73	.2	21	2	76	1.44	.099	45	50	.97	692	.16	3	1.34	.03	.33	1	13
33428	4	12	30	104	.1	12	8	533	3.01	6	7	ND	15	86	.2	4	2	85	1.68	.093	36	57	1.19	959	.28	2	1.64	.05	.45	1	5
33429	3	17	33	111	.1	11	8	560	3.22	14	8	ND	17	100	.2	13	2	88	1.74	.101	41	60	1.19	1057	.29	3	1.78	.07	.51	1	6
33430	3	18	33	107	.2	12	8	547	3.06	58	5	ND	18	104	.2	18	2	79	2.12	.102	45	54	.89	1044	.18	3	1.63	.04	.45	1	146
33431	3	16	33	109	.3	12	10	704	2.82	677	6	ND	18	144	.2	17	2	58	2.57	.086	46	40	.93	387	.01	3	.61	.01	.09	1	1180
33432	3	21	26	126	.2	14	11	952	3.63	908	6	ND	18	205	.2	16	2	56	2.96	.048	40	37	1.21	335	.01	4	.64	.01	.09	1	1090
33433	2	17	30	132	.1	15	11	838	3.29	585	7	ND	18	193	.2	21	2	58	2.98	.074	42	38	1.12	417	.01	3	.58	.01	.08	1	660
33434	3	20	78	204	.5	14	12	1443	4.53	1885	5	4	33	231	.6	47	2	51	2.92	.031	44	24	1.29	332	.01	2	.54	.01	.05	1	5740
33435	4	16	40	113	.5	30	10	866	3.01	1271	5	ND	10	243	.6	52	2	45	3.13	.025	18	22	1.18	85	.01	6	.66	.01	.16	1	1430
33436	2	24	418	327	1.8	11	9	1106	3.82	867	7	ND	11	355	1.9	155	2	18	3.62	.045	19	15	1.41	34	.01	7	.59	.01	.18	1	510
33437	1	12	39	93	.6	9	7	1096	3.11	2492	8	3	9	383	.5	26	2	16	3.44	.050	13	12	1.20	43	.01	7	.48	.01	.15	1	3140
33438	2	12	22	117	.5	9	7	1344	3.12	1321	7	ND	9	299	.8	16	2	16	2.98	.069	13	17	1.13	35	.01	7	.42	.01	.18	1	1320
33439	2	8	54	54	.7	7	7	1327	3.30	1848	7	ND	10	328	.2	30	2	15	3.07	.072	14	19	1.12	40	.01	9	.42	.01	.19	1	1650
33440	2	11	19	68	.4	10	8	1245	3.24	2630	6	2	11	348	.3	24	2	13	3.18	.079	16	20	1.08	75	.01	8	.42	.01	.19	1	1860
33441	2	14	15	72	.2	10	8	1155	3.24	1115	5	ND	13	268	.2	15	2	19	2.99	.080	22	17	1.06	170	.01	8	.51	.01	.20	1	310
33442	2	13	22	74	.3	14	9	1453	3.42	1113	5	ND	10	399	.3	20	2	18	3.80	.074	21	19	1.31	77	.01	7	.59	.01	.22	1	190
33443	7	39	30	322	.1	97	30	947	4.59	46	5	ND	31	207	3.1	23	2	35	.79	.114	86	70	.14	544	.01	6	.63	.01	.20	1	11
33444	4	33	42	188	.1	51	18	795	4.11	38	5	ND	29	231	1.4	14	2	27	1.18	.098	69	36	.46	408	.01	5	.55	.01	.21	1	13
33445	3	41	12	210	.1	54	19	804	4.60	27	5	ND	28	212	1.5	9	2	67	1.72	.141	72	65	.87	547	.12	3	.92	.02	.42	1	11
33446	3	55	28	336	.1	88	27	882	5.33	25	5	ND	27	121	3.2	16	2	118	.89	.168	72	94	1.11	1095	.28	4	1.54	.02	.75	1	7
STANDARD C/AU-R	19	62	40	133	7.1	70	33	1056	4.02	43	18	7	39	52	18.5	14	20	56	.48	.088	40	58	.88	179	.09	33	1.91	.06	.16	15	510

S. GOLDEN BCDOH 91-50

S. GOLDEN BCDOH 91-51

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
• SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 16 1991 DATE REPORT MAILED: Oct 21/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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
53447	3	22	16	304	.1	73	17	857	3.56	31	5	ND	15	124	3.3	23	2	18	.50	.091	51	26	.08	644	.01	8	.71	.01	.18	1	25
53448	3	18	40	217	.5	33	13	682	3.51	451	5	ND	16	124	1.0	29	2	13	.47	.082	44	30	.13	499	.01	8	.61	.01	.23	1	95
53449	3	25	9	193	.2	60	23	1533	3.34	646	5	ND	15	89	.9	45	2	23	.71	.090	44	40	.16	378	.01	10	.84	.01	.27	1	117
53450	3	16	15	128	.2	29	13	789	3.33	2257	5	ND	10	383	.4	61	2	15	2.60	.067	30	30	.82	117	.01	8	.57	.01	.20	1	430
53451	3	21	19	123	.6	31	13	711	3.24	2201	5	ND	11	306	.6	426	2	14	2.12	.065	27	28	.68	79	.01	7	.48	.01	.18	1	670
53452	2	14	12	98	.3	23	12	779	3.15	264	5	ND	13	294	.4	348	2	28	2.91	.075	33	32	.62	572	.01	7	.57	.01	.17	1	115
53453	2	17	12	134	.1	20	13	882	3.82	51	5	ND	14	216	.2	31	2	49	2.68	.073	41	41	.44	771	.01	5	.81	.01	.17	1	35
53454	1	17	13	151	.1	35	16	850	3.72	31	5	ND	13	217	.3	34	2	39	2.56	.079	42	37	.52	785	.01	5	.79	.01	.18	1	10
53455	2	22	10	120	.1	24	14	802	3.42	50	5	ND	12	250	.4	19	2	37	1.76	.072	40	32	.40	1033	.01	7	.70	.01	.19	1	4
53456	2	15	30	163	.1	20	14	869	3.15	72	5	ND	16	141	.6	23	2	47	.94	.083	41	34	.18	801	.01	6	.62	.01	.16	1	6
RE 053460	4	20	50	909	.6	25	13	615	3.33	576	5	ND	12	251	8.7	30	2	30	2.58	.099	21	45	1.10	96	.02	5	.66	.02	.21	1	37
53457	3	22	44	173	.3	21	13	904	3.51	871	5	ND	15	177	.7	47	2	25	1.19	.084	32	27	.29	585	.01	6	.65	.01	.20	1	210
53458	3	18	23	191	.3	24	15	646	3.77	117	5	ND	13	147	.8	132	2	44	1.33	.100	31	37	.60	287	.04	7	1.10	.01	.31	1	17
53459	2	16	25	275	.3	22	13	737	3.52	125	5	ND	13	196	1.5	102	2	48	2.39	.103	28	33	.97	145	.05	5	1.13	.02	.31	1	17
53460	3	22	51	947	.6	26	13	625	3.43	730	5	ND	12	257	9.3	30	2	31	2.68	.102	20	35	1.15	64	.02	4	.69	.02	.20	1	27
53461	2	16	20	197	.2	14	11	664	3.48	91	5	ND	14	237	1.2	15	2	53	2.65	.103	30	31	1.22	123	.04	5	1.06	.02	.29	1	16
53462	2	18	23	125	.2	16	10	635	3.64	19	5	ND	14	170	.4	13	2	77	2.31	.108	33	37	1.37	134	.12	2	1.48	.03	.54	1	9
53463	2	25	10	92	.1	15	11	685	3.41	50	5	ND	13	174	.4	11	2	77	2.81	.102	32	51	1.36	123	.11	3	1.64	.04	.48	1	6
53464	2	15	12	84	.1	11	8	552	3.00	20	5	ND	15	152	.2	27	2	75	2.62	.097	35	43	1.17	314	.10	2	1.77	.03	.37	1	3
53465	3	15	19	102	.1	13	9	614	3.19	30	5	ND	16	136	.4	9	2	87	2.40	.097	40	58	1.28	685	.19	2	1.81	.05	.59	1	5
53466	2	12	22	106	.1	16	10	560	3.42	49	5	ND	19	111	.2	22	2	88	2.03	.099	43	53	1.18	926	.21	2	2.06	.05	.65	1	6
53467	2	17	30	106	.2	13	9	692	3.26	44	5	ND	18	108	.4	33	2	76	2.49	.090	47	46	1.05	665	.11	2	1.24	.02	.35	1	6
53468	4	20	59	148	.3	10	11	755	3.21	136	6	ND	43	164	.4	15	2	58	1.70	.092	75	32	.73	616	.01	2	.61	.01	.09	1	20
53469	6	27	120	232	.4	5	13	1488	6.70	1168	15	ND	83	295	.4	50	2	40	2.00	.033	108	7	1.07	117	.01	2	.50	.01	.09	1	330
53470	6	32	146	462	1.1	6	13	1972	7.33	2465	13	4	91	251	2.6	67	2	48	1.54	.029	96	8	1.04	109	.01	2	.80	.01	.10	1	5320
53471	7	29	123	273	1.2	8	14	1903	7.11	2689	15	5	80	221	1.0	65	2	46	2.44	.023	97	7	1.33	158	.01	2	.74	.01	.04	1	5520
53472	2	21	32	125	.2	14	11	1180	3.63	889	5	ND	16	221	.3	20	2	52	3.17	.027	29	35	1.27	476	.01	2	.58	.01	.05	1	1160
53473	2	20	30	135	.2	15	12	1070	3.46	562	5	ND	17	198	.3	16	2	59	3.20	.037	34	32	1.28	711	.01	2	.67	.01	.04	1	1030
53474	2	20	27	139	.2	14	12	1049	3.58	829	5	2	17	171	.4	17	2	58	2.73	.046	37	32	1.15	428	.01	2	.56	.01	.04	1	1770
53475	2	17	32	150	.1	15	12	961	3.45	310	5	ND	17	179	.3	17	2	54	3.18	.039	34	28	1.26	713	.01	2	.61	.01	.04	1	560
53476	2	15	65	152	1.5	14	9	1138	3.14	3817	5	4	10	332	1.1	63	2	29	3.30	.060	17	19	1.20	91	.01	5	.55	.01	.16	1	6750
53477	1	14	14	81	.7	9	7	995	3.29	2453	5	2	9	326	.4	19	2	15	3.19	.071	13	14	1.14	45	.01	6	.48	.01	.17	1	2560
53478	2	16	23	70	.6	8	8	1359	3.29	2331	5	3	13	324	.4	14	2	24	3.24	.084	19	16	1.21	64	.01	7	.50	.01	.17	1	3890
53479	2	14	141	88	1.9	9	8	1673	3.41	2674	5	ND	14	393	.8	111	2	15	3.34	.088	20	23	1.08	51	.01	9	.56	.01	.24	1	1520
53480	6	19	66	248	.6	9	3	109	3.41	1274	5	ND	16	118	.8	164	2	19	.23	.082	48	20	.08	883	.01	9	.85	.01	.21	1	330
53481	5	22	231	569	2.1	20	11	1043	3.22	781	5	ND	16	165	5.3	161	10	29	.12	.075	45	19	.05	1357	.01	6	.77	.01	.13	1	153
53482	10	30	97	454	1.3	15	9	725	3.12	1476	5	ND	16	125	6.4	339	2	24	.08	.059	43	32	.03	1017	.01	7	.55	.01	.13	1	340
STANDARD C/AU-R	18	62	36	131	7.1	70	33	1050	3.97	42	19	7	40	52	18.6	15	17	55	.48	.091	39	58	.88	175	.09	32	1.93	.06	.14	13	470

S. GOLDEN BC00H 91-51

BC00H 91-52

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

PLE#	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
483	7	19	92	253	2.3	14	9	1985	3.07	1720	5	ND	12	359	3.6	523	3	26	2.10	.037	28	41	.77	369	.01	7	.46	.01	.10	1	680
484	5	21	43	345	2.0	18	11	1282	2.98	4297	5	3	13	192	5.6	692	2	22	1.02	.032	32	35	.37	190	.01	7	.44	.01	.08	1	2650
485	4	15	41	328	1.7	19	11	1480	2.95	2051	5	ND	12	289	1.3	784	2	27	1.90	.027	24	29	.69	113	.01	7	.42	.01	.10	1	630
033490	3	14	52	329	1.5	19	11	1477	3.44	2506	5	ND	7	334	.3	3528	2	25	3.37	.022	14	33	1.24	89	.01	9	.50	.01	.12	1	920
486	5	38	192	556	3.8	17	11	872	3.23	6025	5	7	12	103	4.8	3165	3	30	.55	.029	24	33	.24	117	.01	9	.37	.01	.09	1	7180
487	7	25	237	176	3.9	14	9	276	2.19	4146	5	9	10	85	.2	954	2	17	.09	.035	27	62	.03	135	.01	8	.40	.01	.08	1	8300
488	4	16	39	479	1.3	27	13	968	3.75	2542	5	2	9	71	1.5	590	2	33	.35	.021	16	41	.26	131	.01	5	.41	.01	.08	1	1760
489	3	13	71	261	.8	15	10	1469	3.55	1273	5	ND	8	204	.8	192	2	30	2.29	.022	16	33	.94	293	.01	5	.44	.01	.09	1	450
490	2	12	50	304	1.3	17	10	1386	3.21	2356	5	ND	7	305	.4	3325	2	23	3.18	.021	14	27	1.16	108	.01	8	.41	.01	.11	1	920
491	2	6	30	173	1.0	10	8	1323	3.15	2231	5	ND	8	258	.2	98	2	14	2.63	.020	16	17	.94	95	.01	8	.48	.01	.15	1	490
492	3	9	31	179	.4	18	10	947	3.38	390	5	ND	8	173	.2	135	2	22	2.49	.018	16	18	.95	252	.01	9	.45	.01	.13	1	81
493	10	33	21	276	1.8	91	16	238	3.23	2006	5	ND	4	210	1.3	40	2	39	.78	.028	13	32	.36	17	.01	8	.53	.01	.23	1	740
494	9	39	16	374	.7	90	16	189	2.94	885	5	ND	4	176	2.3	20	2	45	.51	.031	14	24	.29	19	.01	12	.62	.01	.25	1	166
495	7	41	24	240	.7	67	16	570	3.68	220	5	ND	10	409	1.8	18	2	49	2.28	.049	19	41	1.07	31	.01	11	.57	.01	.17	1	55
496	3	29	41	116	.5	30	13	830	3.78	151	5	ND	19	569	.2	17	2	22	3.60	.053	32	31	1.58	52	.01	9	.80	.01	.17	1	15
497	7	16	37	432	.3	43	14	946	4.06	145	5	ND	20	74	.2	179	2	71	.88	.111	48	54	.29	754	.02	7	.76	.01	.09	1	15
498	7	17	79	572	.5	64	15	741	3.83	213	5	ND	20	131	1.7	318	4	65	.43	.074	33	62	.10	1208	.01	6	.92	.01	.03	1	19
499	7	14	65	402	.3	49	14	920	4.11	234	5	ND	14	104	.5	188	2	62	.71	.040	16	60	.32	874	.01	2	.77	.01	.02	1	35
500	8	15	57	447	.3	67	14	1132	4.49	265	5	ND	11	83	.5	242	2	61	.24	.026	20	53	.22	637	.01	2	.56	.01	.02	1	41
501	7	17	59	493	.4	57	13	917	4.66	576	5	ND	13	74	.6	227	2	57	.66	.020	20	39	.35	440	.01	4	.47	.01	.05	1	109
502	11	18	103	556	1.7	67	14	744	4.17	3619	5	4	11	62	1.0	723	2	36	.13	.023	21	35	.07	322	.01	5	.55	.01	.07	1	3240
503	5	15	51	356	.6	37	13	710	3.69	1249	5	ND	11	78	.2	211	3	50	.55	.021	13	36	.33	440	.01	5	.44	.01	.05	1	520
504	4	15	40	190	.8	25	11	664	2.96	3161	5	2	10	76	.2	181	2	41	.58	.021	16	41	.36	278	.01	4	.51	.01	.04	1	1560
505	4	16	35	178	.8	23	11	800	3.29	3260	5	2	11	146	.2	111	2	35	2.12	.019	15	35	.82	275	.01	6	.43	.01	.09	1	1820
506	3	14	31	275	.3	27	13	838	3.60	1195	5	ND	10	135	.2	203	2	46	2.05	.020	10	28	.84	396	.01	5	.43	.01	.07	1	500
507	4	15	46	254	.5	25	12	798	3.97	750	5	ND	10	105	.2	189	2	55	1.37	.022	11	34	.71	468	.01	5	.59	.01	.05	1	290
508	4	16	46	266	.3	30	10	361	2.73	450	5	ND	11	90	.2	275	2	41	.62	.022	13	26	.31	447	.01	5	.44	.01	.05	1	61
509	3	36	124	258	6.2	22	9	705	2.76	1022	5	ND	12	358	.2	1395	2	33	2.50	.033	22	25	.87	447	.01	9	.60	.01	.09	1	290
510	3	16	46	215	.6	20	13	1018	3.39	769	5	ND	12	305	.2	95	2	44	2.66	.027	22	29	1.02	442	.01	6	.59	.01	.09	1	144
511	3	15	51	263	.7	19	13	1265	3.87	996	5	ND	11	222	.2	288	2	51	1.67	.027	22	33	.78	391	.01	7	.61	.01	.08	1	230
512	3	11	49	146	1.4	10	8	2459	3.00	1410	5	ND	9	436	.5	52	2	18	3.71	.024	18	27	1.28	111	.01	8	.36	.01	.13	1	620
513	4	7	31	97	1.3	12	9	842	3.16	2012	5	2	7	262	.2	82	2	16	2.88	.029	18	26	.95	59	.01	8	.36	.01	.13	1	1890
514	3	12	30	146	.7	25	10	740	3.22	2976	5	ND	7	231	.3	47	2	25	2.58	.025	13	16	.95	116	.01	8	.42	.01	.14	1	840
515	8	36	24	293	1.0	64	14	415	2.92	584	5	ND	7	386	2.0	33	2	68	2.41	.046	14	31	1.08	41	.01	7	.42	.01	.15	1	159
516	2	27	35	127	.3	19	12	723	3.45	115	5	ND	17	562	.2	65	2	17	3.13	.088	35	22	1.43	103	.01	6	.35	.01	.16	1	102
517	6	19	36	400	.4	42	12	572	3.13	1537	5	ND	15	116	.2	1304	2	53	.11	.039	26	43	.04	827	.01	5	.63	.01	.05	1	1050
518	5	21	34	460	1.6	41	11	416	3.50	2385	5	6	14	101	.8	4707	2	53	.10	.031	24	44	.02	908	.01	6	.70	.01	.05	1	5300
ANDARD C/AU-R	20	59	41	137	7.4	76	32	1105	4.01	43	18	8	40	52	18.4	17	20	57	.49	.089	40	59	.90	181	.09	35	1.93	.06	.15	11	450

BCDOH 91-52

BCDOH 91-53

GOLDEN BEAR 91-54

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

PLE#	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
519	5	19	30	627	.7	39	9	503	3.36	3028	5	4	15	126	.5	2096	2	48	.08	.035	26	42	.02	1461	.01	4	.72	.01	.06	1	3860
520	4	21	33	485	.5	44	14	873	4.22	1157	5	ND	15	142	.2	459	2	70	.11	.038	28	40	.08	1004	.01	3	.79	.01	.05	1	840
521	6	16	34	451	.6	38	9	448	4.25	1349	5	2	13	118	.5	393	2	51	.06	.036	27	28	.02	911	.01	6	.65	.01	.08	1	1690
522	10	19	37	601	.3	55	8	224	4.22	618	5	ND	14	133	.3	401	2	46	.05	.053	32	38	.02	954	.01	6	.82	.01	.12	1	56
523	12	15	78	828	1.1	86	11	443	4.66	639	5	ND	14	178	1.2	276	2	38	.07	.078	39	32	.03	1673	.01	6	.85	.01	.14	1	114
524	15	33	58	930	1.0	92	14	412	5.68	470	5	ND	17	170	2.0	227	3	53	.11	.100	43	38	.04	1824	.01	6	.82	.01	.13	1	83
525	18	52	24	919	.1	132	24	505	6.60	843	5	ND	21	159	2.4	175	2	84	.30	.167	65	72	.08	1391	.01	5	.98	.01	.15	1	71
526	11	22	51	999	.5	145	13	197	6.95	1027	5	ND	19	39	3.2	195	2	54	.43	.123	52	31	.22	506	.03	3	1.53	.01	.24	1	51
527	14	32	84	993	1.5	105	11	269	5.25	567	5	ND	18	76	3.9	87	3	52	.25	.110	45	34	.03	799	.01	4	.72	.01	.11	1	60
528	18	33	92	937	1.3	102	11	320	5.28	910	5	ND	17	89	5.2	85	3	35	.23	.109	43	39	.03	783	.01	7	.74	.01	.15	1	164
529	21	37	254	1059	2.0	99	11	327	5.12	733	5	ND	15	138	4.7	141	3	40	.09	.081	42	35	.02	1072	.01	5	.68	.01	.12	1	200
530	19	32	128	1037	.8	112	12	375	4.89	526	5	ND	16	83	5.6	104	2	38	.19	.101	42	27	.04	1172	.01	7	.85	.01	.16	1	38
531	22	19	49	952	.2	130	16	611	5.44	487	5	ND	18	134	3.2	71	2	44	.14	.103	50	29	.04	1485	.01	6	.84	.01	.12	1	21
532	21	34	43	838	.1	122	17	1014	5.44	295	5	ND	26	218	2.1	41	2	38	.25	.098	72	58	.04	1741	.01	5	.89	.01	.14	1	30
533	5	22	47	291	.6	28	7	413	4.34	939	5	ND	17	152	.2	208	2	43	.04	.049	39	33	.02	973	.01	7	.74	.01	.09	1	590
534	4	28	83	626	.5	36	10	573	5.10	1055	5	ND	17	140	.2	166	2	42	.04	.045	40	30	.01	937	.01	6	.66	.01	.10	1	210
535	4	24	42	327	.2	37	9	270	4.35	362	5	ND	16	149	.2	117	2	63	.03	.043	33	43	.01	885	.01	3	.75	.01	.04	1	53
536	4	20	35	407	.2	42	11	541	4.55	377	5	ND	16	126	.2	134	2	68	.04	.039	27	40	.02	966	.01	3	.72	.01	.04	1	11
033532	21	35	41	800	.1	117	17	964	5.19	280	5	ND	25	208	1.9	44	2	37	.24	.088	69	54	.04	1631	.01	5	.84	.01	.13	1	25
537	5	20	35	438	.1	46	10	240	4.30	579	5	ND	14	125	.2	268	2	58	.04	.042	28	41	.01	802	.01	5	.81	.01	.06	1	48
538	6	16	46	308	.6	37	7	348	3.32	923	5	ND	14	146	.2	251	2	31	.07	.049	41	26	.02	1052	.01	7	.65	.01	.11	1	200
539	6	17	66	297	1.3	21	4	165	3.22	1655	5	ND	14	169	1.3	130	2	49	.07	.051	31	43	.01	1131	.01	6	.79	.01	.08	1	1010
540	5	13	67	224	1.5	14	3	98	2.10	1487	5	8	14	152	1.3	703	2	37	.06	.048	34	36	.01	943	.01	6	.70	.01	.09	1	6890
542	9	26	110	391	.9	27	4	75	3.37	1144	5	ND	13	159	1.6	1201	2	51	.05	.056	38	52	.02	1011	.01	6	.70	.01	.08	1	460
543	6	16	69	215	1.0	17	3	123	2.17	1490	5	4	13	175	2.1	2360	2	42	.07	.048	33	44	.01	963	.01	5	.79	.01	.08	1	4260
544	12	26	62	447	1.3	32	6	105	4.47	2477	5	6	14	144	3.0	1797	2	51	.08	.053	38	43	.02	911	.01	6	.64	.01	.10	1	5960
545	15	18	65	506	1.5	53	7	319	4.46	3398	5	6	12	89	4.5	333	2	29	.12	.039	31	24	.05	743	.01	7	.61	.01	.15	1	6090
546	15	13	35	808	.5	94	13	562	5.24	1831	5	ND	13	119	2.5	404	2	33	.06	.055	39	26	.04	1239	.01	6	.81	.01	.16	1	1440
547	16	18	29	1045	.1	125	16	748	5.52	769	5	ND	17	68	1.7	264	2	34	.23	.111	50	27	.05	561	.01	5	.75	.01	.18	1	46
548	20	12	66	720	.6	83	11	430	4.27	1400	5	ND	16	93	3.7	237	2	21	.24	.111	38	39	.05	761	.01	9	.78	.01	.22	1	1050
549	32	21	52	744	1.5	108	21	1859	5.46	4601	5	13	11	156	5.3	285	2	39	.27	.080	26	32	.08	226	.01	6	.69	.01	.17	1	14220
550	25	17	61	869	.5	105	13	887	5.08	2164	5	ND	15	159	1.3	134	2	22	.13	.084	37	19	.05	1062	.01	9	.77	.01	.21	1	800
551	23	12	116	854	.7	83	14	656	4.55	1529	5	ND	16	143	1.5	158	2	17	.45	.079	37	18	.15	323	.01	7	.64	.01	.22	1	158
552	20	18	55	721	.4	83	12	382	4.36	1100	5	ND	11	96	1.3	87	2	22	.18	.071	29	24	.06	112	.01	8	.64	.01	.22	1	107
553	7	35	16	385	.2	85	17	147	2.94	70	5	ND	8	80	2.4	15	2	37	.11	.043	30	17	.18	39	.01	9	.63	.01	.27	1	25
ANDARD C/AU-R	18	60	37	132	6.9	70	32	1031	3.88	39	18	7	39	54	18.4	16	17	56	.47	.088	38	58	.86	173	.09	34	1.89	.06	.15	12	480

GOLDEN BOOM 91-54

GOLDEN BOOM 91-55

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9110-035-930 File # 91-5230 Page 1

1050 Davie St., Vancouver BC V6E 1M4

BC DDH-91-56 (GOLDEN)

BC DDH-91-57 (LUCKY)

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
3554	4	15	85	278	2.6	32	9	288	2.68	1472	5	ND	15	120	1.9	1789	2	31	.11	.044	40	22	.04	828	.01	9	.71	.01	.11	1	890
3555	4	20	77	304	1.1	37	12	239	2.97	1357	5	ND	14	139	1.6	1453	2	49	.07	.041	32	27	.02	830	.01	3	.65	.01	.07	1	720
3556	4	19	52	279	.6	36	9	273	2.75	1511	5	ND	14	117	1.7	2191	2	48	.07	.038	32	27	.02	768	.01	6	.74	.01	.08	1	1040
3557	6	20	62	411	.9	59	11	554	3.48	2138	5	ND	12	104	1.9	1913	2	39	.09	.035	35	25	.02	695	.01	6	.62	.01	.07	1	2040
3558	9	13	45	447	1.8	64	11	1292	3.45	3080	5	7	11	118	1.5	964	2	36	.10	.042	31	26	.02	915	.01	5	.56	.01	.06	1	7120
3559	14	14	67	578	1.1	75	17	1600	4.45	1653	5	ND	14	130	1.9	325	2	27	.10	.061	54	16	.04	1103	.01	10	.69	.01	.16	1	240
3560	17	15	154	586	1.2	61	20	1731	3.88	1099	5	ND	13	155	2.2	157	2	41	.07	.066	40	22	.03	1208	.01	6	.78	.01	.11	1	510
3561	13	17	151	836	.9	88	27	1381	5.86	845	5	ND	12	116	2.8	193	2	70	.05	.044	23	31	.03	784	.01	6	.73	.01	.06	1	42
3562	15	19	110	730	.9	86	23	783	4.44	585	5	ND	12	116	2.1	97	2	44	.04	.046	33	25	.03	803	.01	6	.68	.05	.11	1	59
3563	19	43	59	843	.4	139	29	1630	6.39	918	5	ND	11	161	1.3	112	2	64	.09	.072	45	54	.04	1314	.01	6	.80	.01	.12	1	64
3564	25	13	71	816	.7	133	17	359	5.42	1830	5	ND	9	90	1.8	279	2	24	.07	.048	37	15	.04	762	.01	7	.59	.01	.13	1	570
3565	25	12	75	843	.9	126	16	436	5.02	1818	5	2	12	116	1.8	183	2	28	.09	.060	37	14	.04	1086	.01	10	.65	.01	.15	1	1250
3566	23	11	30	736	.2	105	17	705	4.80	1397	5	ND	11	101	1.2	237	2	28	.07	.050	38	17	.03	768	.01	6	.72	.01	.16	1	490
3567	9	12	32	381	1.2	48	13	862	4.38	4972	5	4	8	108	.9	83	2	27	.75	.035	17	26	.32	190	.01	8	.64	.01	.15	1	3220
3568	8	10	41	692	.5	72	13	1137	4.19	655	5	ND	11	105	1.1	85	2	31	.58	.037	27	13	.22	654	.01	9	.71	.01	.16	1	98
3569	16	9	93	651	1.1	77	12	722	4.75	1721	5	ND	10	128	1.2	214	2	22	.38	.056	27	17	.15	417	.01	15	.95	.01	.21	1	1260
3570	9	36	24	405	.5	74	15	168	3.36	515	5	ND	6	99	1.8	40	2	45	.15	.059	27	16	.13	68	.01	12	.75	.01	.27	1	190
3571	3	41	50	535	.2	82	12	410	2.66	952	11	ND	13	124	1.3	656	2	64	.17	.077	26	30	.02	807	.01	6	2.60	.01	.05	1	410
3572	2	26	42	1332	.3	58	26	1412	4.90	419	7	ND	17	185	10.2	869	2	84	.08	.096	39	33	.02	961	.01	5	1.68	.01	.04	1	66
3573	3	22	46	1364	.1	38	23	2769	5.83	728	6	ND	17	111	13.4	637	2	74	.12	.067	33	34	.05	748	.01	5	1.16	.01	.05	1	98
3574	2	16	33	819	.1	17	18	2113	4.63	76	5	ND	17	120	6.0	121	2	70	.49	.109	52	32	.41	2255	.04	2	2.05	.01	.23	1	10
033570	9	33	25	383	.4	69	15	176	3.20	475	5	ND	7	95	2.1	40	2	43	.15	.047	26	22	.13	73	.01	12	.71	.01	.26	1	179
3575	3	15	33	303	.1	13	19	1694	3.77	159	5	ND	16	137	2.1	111	2	68	.54	.105	47	35	.57	2561	.06	3	2.26	.01	.30	1	81
3576	2	16	35	144	.1	12	13	891	4.30	437	5	ND	17	138	.5	1273	2	78	.61	.108	47	41	.88	2345	.13	3	2.83	.02	.45	1	440
3577	1	53	23	179	1.0	13	11	842	3.19	73	5	ND	1	77	.7	31659	2	60	.89	.039	33	36	.55	68	.01	3	1.58	.01	.28	1	75
3578	4	17	37	177	.6	13	12	1269	3.26	942	5	ND	16	181	.8	2610	2	54	1.85	.101	49	42	.58	504	.04	5	1.07	.01	.24	1	520
3579	3	15	46	163	.3	14	13	1105	3.60	211	5	ND	17	158	.4	311	2	64	2.46	.112	55	38	.56	792	.03	3	1.14	.01	.19	1	88
3580	3	15	37	123	.2	9	10	626	3.59	57	5	ND	16	155	.5	2569	2	80	2.34	.104	46	48	1.11	1098	.14	2	2.60	.03	.50	1	15
3581	3	14	40	131	.1	12	12	664	3.69	52	5	ND	16	138	.5	413	2	79	2.17	.112	49	49	1.17	1752	.05	3	2.37	.02	.18	1	19
3582	3	17	709	189	6.5	10	9	1146	3.15	217	5	ND	14	156	1.3	780	2	67	2.26	.102	40	47	1.08	891	.08	2	1.87	.02	.26	1	162
3583	2	13	27	375	.1	14	11	478	3.32	25	5	ND	15	173	1.1	214	2	66	2.10	.103	54	34	.93	1975	.07	3	1.95	.02	.32	1	6
3584	3	12	23	146	.1	10	11	581	3.89	49	5	ND	16	197	.4	328	2	76	2.77	.105	45	51	1.04	1748	.16	2	2.49	.02	.59	1	3
3585	2	13	22	120	.1	12	11	697	3.37	441	5	ND	15	147	.6	201	2	65	2.57	.117	52	34	.79	530	.05	4	1.43	.01	.30	1	83
3586	3	12	44	137	1.0	9	9	1093	3.43	2248	5	ND	11	267	1.1	70	2	22	2.53	.096	25	23	.83	98	.01	7	.62	.01	.21	1	830
3587	2	11	41	167	.7	8	10	1028	3.56	3083	5	ND	11	276	.8	44	2	17	3.08	.101	24	14	.94	110	.01	7	.52	.01	.17	1	700
3588	2	10	24	186	.5	6	8	835	3.12	1823	5	ND	9	322	1.4	40	2	11	2.96	.089	21	15	.87	100	.01	9	.54	.01	.25	1	490
3589	3	14	31	180	.4	12	8	740	3.03	2216	5	ND	7	267	1.2	32	2	13	2.49	.080	17	15	.70	73	.01	9	.68	.01	.28	1	370
STANDARD C/AU-R	19	59	37	131	7.4	69	34	1036	3.93	41	17	6	38	51	18.3	16	21	54	.48	.089	38	58	.87	175	.09	32	1.87	.06	.15	13	470

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 24 1991 DATE REPORT MAILED: Oct 24/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCDDH-91-57

BCDDH-91-58 (LUCKY)

NPLE#	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
3590	7	35	22	259	.2	90	20	307	3.53	126	5	ND	8	155	1.5	25	2	43	.42	.036	31	31	.30	83	.01	9	.78	.02	.30	1	19
3591	6	36	28	282	.3	77	18	376	3.76	.79	5	ND	7	222	1.5	19	2	56	.62	.045	31	23	.57	106	.01	8	.73	.02	.25	1	16
3592	5	30	30	74	.5	54	14	782	3.08	319	5	ND	6	397	.8	29	2	29	1.67	.043	22	15	.71	87	.01	6	.64	.01	.25	1	176
3593	3	16	81	105	.8	13	10	1143	3.06	301	5	ND	9	442	1.2	36	2	14	3.64	.027	16	21	1.22	91	.01	11	.53	.01	.20	1	410
033598	2	54	677	2812	7.8	17	12	6629	5.08	827	5	ND	10	155	40.2	510	2	21	1.59	.056	24	11	.21	373	.01	13	.67	.01	.22	1	1020
3594	3	32	29	72	.9	12	11	854	3.33	1312	5	ND	9	449	.8	43	2	13	3.43	.084	17	21	1.17	94	.01	7	.59	.01	.22	1	340
3595	3	15	172	328	1.8	16	9	2308	3.15	1867	5	ND	7	443	2.9	153	2	26	3.47	.032	14	23	1.25	61	.01	8	.68	.01	.15	1	1660
3596	3	10	38	98	.6	12	10	1352	3.09	659	5	ND	11	478	.8	72	2	27	3.50	.055	21	25	1.21	225	.01	5	.64	.01	.15	1	220
3597	1	90	1507	1909	9.5	21	8	7368	4.97	829	5	ND	10	118	27.4	11361	2	30	.21	.062	34	14	.06	761	.01	9	.77	.01	.22	1	2060
3598	2	52	670	2685	7.6	18	12	6471	4.88	802	5	ND	10	145	39.5	509	2	20	1.52	.054	22	10	.20	347	.01	14	.59	.01	.19	1	920
3599	3	11	53	239	.8	16	12	1392	4.21	606	5	ND	12	98	1.8	61	2	23	1.26	.039	26	19	.07	596	.01	5	.57	.01	.14	1	85
3600	3	17	49	221	.8	13	11	1353	3.91	796	5	ND	12	132	1.3	58	2	13	2.89	.073	26	17	.14	439	.01	9	.58	.01	.18	1	55
3601	3	17	57	327	1.1	12	12	1657	3.69	927	5	ND	12	133	3.3	84	2	26	1.90	.042	27	21	.11	589	.01	9	.64	.01	.16	1	400
3602	3	13	40	267	.2	22	14	1235	4.13	395	5	ND	18	110	1.9	39	2	53	1.66	.110	43	29	.09	449	.01	6	.83	.01	.14	1	50
3603	3	13	43	126	.5	13	10	1123	3.31	1084	5	ND	14	259	.8	261	2	37	2.22	.055	30	26	.51	606	.01	6	.70	.01	.11	1	490
3604	3	17	92	406	1.5	17	13	1835	3.50	832	5	ND	15	201	3.5	734	2	39	.52	.050	34	27	.17	847	.01	5	.77	.01	.11	1	480
3605	2	68	151	263	4.0	16	12	1112	4.05	670	5	ND	1	141	5.9	34742	2	54	.49	.026	19	33	.17	202	.01	5	.67	.01	.04	1	510
3606	3	18	59	307	1.2	17	13	1566	4.25	1427	5	ND	14	168	3.8	4720	2	50	1.03	.040	32	33	.30	659	.01	3	.74	.01	.07	1	860
3607	3	17	64	259	1.0	19	14	1396	3.87	1029	5	ND	14	161	1.9	3256	4	57	1.15	.035	31	41	.41	737	.01	3	1.11	.01	.07	1	790
3608	3	17	124	337	1.6	16	14	2052	3.49	1276	5	ND	13	224	2.7	1466	2	37	1.61	.034	32	27	.53	599	.01	8	.83	.01	.13	1	500
3609	2	33	302	670	7.9	13	10	3111	3.67	1231	5	ND	11	326	9.2	12970	2	27	1.67	.044	27	19	.59	291	.01	9	.55	.01	.15	1	1320
3611	2	15	172	276	2.5	12	10	2757	3.96	1902	5	ND	14	353	2.4	392	2	29	2.09	.065	34	21	.72	455	.01	10	.63	.01	.15	1	1560
3612	2	16	47	296	.3	18	12	1578	3.38	1409	5	ND	13	170	1.6	1739	2	52	1.39	.042	25	30	.47	771	.01	3	.86	.01	.07	1	620
3613	2	14	44	316	.6	23	16	1367	4.02	1048	5	ND	13	165	1.0	187	2	56	1.02	.041	25	29	.39	872	.01	6	1.19	.01	.08	1	350
3614	3	12	73	202	1.8	13	11	2470	3.89	1519	5	ND	11	309	1.7	801	2	39	2.85	.029	25	29	.97	250	.01	10	.84	.01	.14	1	1280
3615	2	15	49	157	.4	12	12	1667	4.49	1803	5	ND	12	128	.8	981	2	58	1.74	.026	18	34	.71	553	.01	5	.74	.01	.06	1	760
3616	2	19	78	136	2.6	12	11	1267	3.41	2994	5	2	10	156	.4	9482	2	47	1.60	.027	19	31	.71	470	.01	4	.79	.01	.07	1	2930
3617	2	17	65	215	1.2	17	13	1325	4.43	1113	5	ND	10	132	1.4	187	3	53	.56	.032	22	30	.53	647	.01	4	.73	.01	.04	1	810
3618	2	16	49	162	.5	15	14	1347	3.99	979	5	ND	11	154	.7	49	2	60	1.05	.033	23	31	.78	654	.01	2	.76	.01	.04	1	970
3619	9	18	44	169	2.4	14	12	1365	3.60	5026	5	3	10	178	1.2	54	2	42	1.87	.025	19	95	.83	206	.01	6	.79	.01	.10	1	4490
3620	3	26	277	822	2.9	18	13	1	.56	3120	5	ND	12	298	7.8	158	2	38	2.88	.062	26	30	1.04	156	.01	9	.83	.01	.14	1	870
3621	2	16	28	170	.3	12	11	1	.07	1235	5	ND	12	401	1.2	31	4	27	3.68	.071	23	22	1.24	190	.01	7	.66	.01	.15	1	820
3622	3	14	20	189	.1	12	11		3.09	279	5	ND	11	159	1.0	29	2	43	2.36	.075	23	30	.88	246	.01	4	.71	.01	.11	1	31
3623	2	14	44	265	.6	10	10		4.49	728	5	ND	11	239	2.1	83	4	27	3.07	.084	24	14	1.07	213	.01	7	.64	.01	.17	1	510
3624	2	13	21	83	.4	10	9		3.15	1345	6	ND	10	319	.5	27	2	15	3.13	.083	19	13	1.12	210	.01	6	.58	.01	.19	1	760
3625	2	19	20	55	.2	7	9	610	2.99	158	5	ND	9	281	.4	22	2	17	2.66	.087	20	14	.92	156	.01	6	.74	.01	.23	1	51
TANDARD C/AU-R	20	64	42	138	7.5	74	32	1093	4.02	43	21	7	40	52	18.5	14	21	58	.50	.095	40	60	.92	184	.09	35	1.90	.06	.15	11	500

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
033626	2	13	47	87	.7	8	7	646	2.39	1274	5	ND	9	242	.6	36	2	15	2.29	.066	20	13	.75	160	.01	4	.57	.01	.14	1	510
033627	2	15	67	288	1.1	9	7	1111	2.85	1395	5	ND	5	306	3.0	38	2	15	2.65	.032	12	17	.93	105	.01	6	.56	.01	.15	1	1420
033628	2	8	23	80	.2	11	10	685	2.92	73	5	ND	12	298	.8	17	2	39	2.80	.061	25	25	1.04	771	.01	5	.78	.01	.12	1	18
033629	3	9	12	77	.3	12	10	769	2.89	41	5	ND	13	442	.3	15	3	23	3.45	.096	27	20	1.12	187	.01	5	.57	.01	.19	1	6
033630	2	11	12	114	.1	10	8	661	2.93	42	5	ND	11	425	.2	13	2	19	3.71	.089	24	16	1.28	233	.01	7	.56	.01	.21	1	9
033631	3	11	158	149	.9	12	9	1086	2.81	705	5	ND	11	435	1.3	64	2	20	3.78	.094	21	16	1.09	145	.01	5	.57	.01	.18	1	270
033632	3	11	159	125	.9	11	9	2228	2.94	2065	5	ND	9	546	1.2	52	2	15	4.39	.069	16	18	1.37	146	.01	9	.51	.01	.21	1	1040
033633	4	26	46	102	.6	35	11	670	3.40	64	5	ND	7	372	1.4	15	2	20	2.67	.073	14	12	1.06	34	.01	7	.62	.01	.22	1	22
033634	6	37	14	36	.5	74	17	209	3.02	93	5	ND	7	158	.5	11	2	36	.98	.040	27	15	.69	69	.01	7	.62	.01	.24	1	5
033635	6	33	23	35	.5	77	18	179	3.51	55	5	ND	7	81	.3	9	2	44	.45	.041	29	16	.51	71	.01	10	.73	.02	.29	1	9
033636	2	14	30	384	.5	22	13	1127	3.43	805	5	ND	8	236	5.9	54	2	13	2.91	.052	20	16	.39	871	.01	4	.62	.01	.15	1	17
033637	2	16	29	234	.3	20	12	901	3.71	798	5	ND	7	203	1.5	51	2	15	2.85	.039	24	17	.25	808	.01	5	.61	.01	.14	1	9
033638	2	19	65	164	.4	23	13	756	3.09	233	5	ND	8	197	.8	21	2	29	2.65	.065	24	28	.48	807	.01	4	.59	.01	.13	1	5
033639	5	36	39	219	.3	82	20	448	3.73	138	5	ND	8	107	.9	20	2	49	.52	.042	35	30	.10	695	.01	8	.70	.01	.26	1	9
033640	3	13	24	98	.2	17	9	625	3.42	184	5	ND	10	183	.6	18	2	31	2.95	.076	30	24	.64	446	.01	7	.63	.01	.21	1	1
033641	3	11	22	124	.6	15	11	709	3.51	68	5	ND	12	230	.5	10	2	30	3.65	.089	25	20	.86	276	.01	4	.66	.01	.18	1	9
033642	3	8	15	68	.2	8	9	658	3.37	47	5	ND	12	337	.2	14	2	20	3.26	.086	21	23	1.02	157	.01	5	.55	.01	.21	1	11
033643	3	9	19	89	.1	14	8	619	3.25	20	5	ND	12	297	.2	4	2	38	3.03	.087	24	30	.85	168	.01	5	.80	.02	.18	1	10
033644	3	15	16	115	.1	24	13	631	3.58	20	5	ND	11	167	.4	8	2	36	2.36	.086	26	22	.61	202	.01	4	.71	.02	.16	1	8
033645	6	40	13	209	.3	72	19	428	3.76	106	5	ND	9	96	1.1	14	3	50	.26	.065	37	26	.10	811	.01	10	.69	.01	.23	1	16
033646	5	35	17	205	.3	44	12	59	3.28	93	5	ND	9	111	.5	29	2	45	.10	.043	37	19	.08	1199	.01	8	.69	.01	.22	1	28
033647	4	22	34	237	.5	55	23	850	5.30	1777	7	ND	11	113	4.7	65	2	59	.07	.031	26	32	.05	1443	.01	6	.68	.01	.10	1	530
033648	4	16	48	195	.2	32	18	1374	5.40	1726	5	ND	14	129	.9	55	2	65	.09	.039	27	43	.07	818	.01	3	.73	.01	.04	1	1180
033649	3	18	44	163	.2	22	12	1161	3.72	1036	5	ND	15	146	.6	80	2	55	.20	.048	27	39	.10	964	.01	3	.80	.01	.04	1	320
033650	4	41	1313	1036	11.5	14	10	3045	4.26	9667	5	9	8	303	21.5	848	2	38	2.83	.022	20	39	1.02	101	.01	6	.55	.01	.10	1	10350
033651	2	38	841	1761	9.7	17	10	3651	4.51	1725	5	3	11	337	23.4	5510	2	41	2.25	.026	26	31	.85	388	.01	7	.48	.01	.10	1	450
033652	3	15	53	219	.4	16	12	1239	3.34	599	5	ND	12	211	.8	1896	2	40	1.82	.032	26	26	.60	591	.01	4	.60	.01	.08	1	310
033653	2	16	50	150	.2	13	10	1182	3.72	412	5	ND	13	173	.4	129	2	51	1.05	.042	30	30	.44	1067	.01	3	.66	.01	.04	1	270
033654	3	17	46	134	.2	13	12	879	3.14	100	5	ND	13	155	.6	49	2	52	.50	.047	34	38	.34	935	.01	3	.78	.01	.03	1	3
033655	3	16	52	166	.1	22	13	1151	3.44	326	5	ND	14	160	.5	40	2	61	1.03	.045	29	36	.44	873	.01	3	.68	.01	.03	1	160
033656	3	17	48	190	.1	22	13	1157	4.3[illegible]	575	5	ND	12	138	.6	53	2	63	.77	.041	29	38	.53	919	.01	4	.71	.01	.03	1	480
RE 033652	2	15	47	198	.4	16	11	1187	[illegible]	576	5	ND	13	207	1.0	1780	2	39	1.71	.030	26	25	.57	584	.01	5	.60	.01	.08	1	290
033657	3	17	39	184	.3	22	13	1105	[illegible]	747	5	ND	12	246	.8	47	2	48	1.55	.044	32	40	.61	913	.01	6	.77	.01	.07	1	330
033658	3	17	47	156	.6	15	11	111[illegible]	[illegible]6	832	5	ND	16	250	.8	50	2	48	2.06	.097	40	35	.85	319	.01	9	.94	.01	.17	1	440
033659	3	15	38	112	.4	13	10	97[illegible]	[illegible]93	530	5	ND	17	257	.6	25	2	49	3.19	.100	45	35	1.06	269	.01	7	.67	.01	.13	1	200
033660	3	17	51	140	.5	14	10	929	2.97	984	5	ND	14	166	.8	177	2	44	2.01	.061	28	27	.74	340	.01	6	.65	.01	.09	1	540
033661	3	16	26	123	.1	13	12	950	3.73	78	5	ND	18	65	.9	29	2	66	1.22	.102	50	41	.65	316	.01	2	.66	.01	.05	1	8
STANDARD C/AU-R	19	59	38	131	7.5	71	32	1036	3.92	42	15	7	39	52	18.5	16	17	55	.47	.089	38	58	.87	175	.09	33	1.88	.06	.15	13	490

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

MPLE#	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
3662	3	14	20	105	.3	13	11	1014	3.76	71	5	ND	15	46	.2	15	2	58	1.42	.107	68	35	.66	143	.01	3	.76	.01	.08	1	13
3663	3	14	26	117	.1	15	12	1182	3.82	419	5	ND	16	92	.2	19	3	45	.68	.098	42	23	.43	329	.01	6	.64	.01	.09	4	29
3664	3	15	313	220	2.7	16	10	1705	3.77	2224	5	ND	8	215	1.9	170	2	19	1.73	.057	18	22	.65	60	.01	7	.56	.01	.13	1	1160
3665	3	11	29	66	.2	14	10	885	3.29	772	5	ND	9	130	.2	44	5	26	1.89	.065	18	28	.71	270	.01	5	.65	.01	.11	1	85
3666	3	10	22	50	.3	12	9	842	3.01	230	5	ND	9	224	.2	20	2	17	2.79	.050	17	24	.97	352	.01	4	.50	.01	.11	1	60
033670	4	10	19	88	.2	13	11	707	3.38	653	5	ND	10	123	.2	20	2	42	1.26	.065	22	39	.66	427	.01	2	.67	.01	.08	1	108
3667	2	10	21	42	.4	11	9	914	3.75	2833	5	ND	9	209	.2	26	2	11	2.57	.085	17	17	.91	152	.01	4	.46	.01	.13	1	350
3668	3	16	23	51	.2	13	11	585	3.30	694	5	ND	10	167	.2	16	2	23	2.40	.085	23	30	.89	213	.01	4	.64	.01	.14	1	69
3669	3	14	26	68	.4	13	9	879	3.47	945	5	ND	7	191	.2	25	2	34	1.74	.054	17	34	.74	294	.01	4	.59	.01	.09	1	230
3670	3	12	25	85	.2	13	11	715	3.40	455	5	ND	10	126	.2	21	2	43	1.26	.066	22	35	.66	388	.01	3	.67	.01	.08	1	138
3671	4	13	15	55	.2	11	8	434	2.99	103	5	ND	9	126	.3	16	2	13	1.96	.088	19	28	.70	102	.01	4	.54	.01	.19	1	11
3672	3	19	21	49	.2	6	8	288	2.75	582	5	ND	9	183	.2	40	2	12	2.01	.077	18	25	.71	143	.01	4	.67	.01	.21	1	65
3673	4	13	18	62	.1	11	9	490	3.03	408	5	ND	10	229	.2	45	3	29	2.37	.093	26	34	.76	135	.01	3	.67	.01	.18	1	77
3674	3	10	22	83	.2	12	9	650	2.79	64	6	ND	13	206	.2	13	2	33	2.54	.089	26	28	.89	235	.01	2	.45	.01	.12	1	11
3675	2	9	22	65	.3	10	7	1222	2.97	995	5	ND	9	445	.6	23	2	14	3.99	.072	15	22	1.39	205	.01	5	.38	.01	.14	1	252
ANDARD C/AU-R	19	58	38	130	6.9	71	31	1044	3.94	41	23	7	37	51	18.8	16	19	55	.48	.090	38	58	.88	174	.09	31	1.86	.06	.15	11	480

BC DD - 91 - 59
(LOG #)

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

093027

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-089 33D File # 91-4579 Page 1

1050 Davie St., Vancouver BC V6E 1M4

FROM ACME ANALYTICAL TO NORANDA YT

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
R166716	6	37	18	115	1.9	24	4	189	1.99	2284	5	6	7	180	6.9	116	2	85	.10	.074	21	78	.04	1538	.01	7	.59	.01	.09	32	6193
R166717	6	33	16	124	3.0	17	5	176	2.67	5556	5	13	10	166	6.7	107	2	68	.12	.062	27	68	.02	1105	.01	4	.51	.01	.08	12	11990
R166718	5	28	24	107	3.2	13	3	60	2.28	3853	5	15	12	113	3.8	88	2	45	.07	.049	35	56	.02	995	.01	5	.58	.01	.10	23	13750
R166719	7	16	17	149	3.2	17	10	491	3.81	5509	5	10	11	73	.8	50	2	30	.10	.037	36	63	.02	1171	.01	5	.46	.01	.08	7	8415
R166720	7	15	22	173	2.5	15	7	224	3.65	4095	5	9	11	81	.2	185	2	30	.09	.048	34	72	.03	1085	.01	5	.59	.01	.10	8	8041
R166721	8	21	40	287	2.3	24	10	769	4.33	5514	5	8	12	66	2.2	3430	2	38	.10	.045	33	79	.02	1740	.01	6	.82	.01	.11	7	6534
R166722	6	20	32	245	1.8	22	12	1000	4.75	6431	5	7	15	66	.2	71	2	36	.10	.040	41	50	.02	2050	.01	5	.62	.01	.10	12	5962
R166723	5	21	33	280	1.5	35	12	1173	4.87	5566	5	4	14	62	.3	82	2	37	.09	.046	39	43	.03	1097	.01	6	.66	.01	.11	11	3157
R166724	6	20	30	235	2.5	36	12	694	4.19	3072	5	8	14	60	.4	155	2	33	.07	.044	41	46	.02	985	.01	5	.60	.01	.10	12	7623
RE R166728	4	33	35	169	.8	27	12	1079	4.23	1586	5	ND	17	63	.2	407	2	36	.15	.080	55	39	.03	1155	.01	8	.67	.01	.12	1	781
R166725	5	20	24	197	1.1	29	12	927	4.36	2588	5	2	14	55	.6	200	2	30	.06	.043	47	33	.02	1068	.01	7	.53	.01	.10	1	1914
R166726	5	23	33	178	1.5	22	11	1032	3.93	2280	5	2	15	72	.2	2335	2	28	.10	.050	44	48	.03	1343	.01	7	.69	.01	.12	1	1463
R166727	5	22	21	147	2.4	22	12	1268	4.16	3932	5	5	13	60	.2	691	2	24	.09	.036	48	40	.02	1121	.01	6	.48	.01	.10	1	4994
R166728	4	33	36	171	.7	27	13	1106	4.30	1624	5	ND	17	64	.2	411	2	37	.15	.082	58	39	.03	1188	.01	6	.68	.01	.13	1	803
R166729	5	29	48	201	.8	28	13	1257	4.67	1597	5	ND	16	62	.5	156	2	37	.08	.061	54	50	.03	1255	.01	5	.56	.01	.11	1	759
R166730	5	15	23	181	2.2	25	5	155	3.86	5683	5	3	11	130	.2	212	2	24	.11	.033	29	36	.02	739	.01	8	.53	.01	.16	1	2497
R166731	6	17	16	116	1.9	24	6	123	2.48	3074	5	8	8	126	.2	114	2	31	.09	.038	28	49	.03	987	.01	8	.52	.01	.18	1	6534
R166732	5	33	186	238	4.1	42	12	629	3.56	3371	5	5	3	100	1.8	20099	2	21	.15	.027	32	53	.02	367	.01	6	.52	.01	.09	1	4312
R166733	4	19	26	263	.6	31	8	242	3.95	1177	5	ND	17	91	1.0	878	2	33	.14	.078	43	38	.11	978	.02	8	.74	.01	.22	1	473
R166734	7	24	45	308	3.1	31	10	461	4.48	576	5	ND	20	93	3.0	3109	2	23	.12	.079	64	55	.04	906	.01	11	.59	.01	.20	1	341
R166735	5	28	24	431	.6	56	17	1069	4.56	510	5	ND	19	57	2.9	351	2	40	.28	.099	66	44	.13	459	.01	8	.86	.01	.18	1	242
R166736	6	38	54	459	3.7	57	15	842	4.41	663	5	ND	19	70	3.0	1774	2	43	.31	.104	61	42	.11	549	.01	7	.90	.01	.19	1	162
R166737	5	18	63	157	.8	28	9	515	3.57	3631	5	2	13	59	1.6	37	2	32	.22	.067	31	37	.05	1010	.01	8	.55	.01	.16	1	946
R166738	6	19	107	215	.9	25	11	807	3.47	3379	5	ND	11	54	1.1	45	2	20	.14	.040	31	47	.03	850	.01	7	.47	.01	.14	1	1067
R166739	21	35	37	158	.6	22	13	740	4.85	7372	5	2	16	91	.7	37	2	30	.39	.089	53	228	.04	1024	.01	9	.56	.01	.15	1	1155
R166740	3	14	29	108	.4	15	12	732	4.10	5875	5	2	16	101	.4	31	2	26	.52	.066	51	31	.05	925	.01	7	.50	.01	.14	1	1342
R166741	3	21	30	171	.4	23	13	753	4.37	6029	5	2	16	106	1.1	33	2	28	.49	.091	51	24	.05	1081	.01	6	.57	.01	.14	1	1771
R166742	4	24	28	168	.1	23	14	799	4.15	5820	5	ND	15	94	1.1	30	2	25	.25	.062	50	33	.03	998	.01	5	.53	.01	.13	1	1023
R166743	4	57	32	184	.2	32	15	892	4.10	4800	5	ND	17	106	2.2	29	2	23	.23	.079	56	34	.03	1049	.01	5	.62	.01	.16	1	1122
R166744	5	75	33	249	.5	45	23	582	4.12	4730	5	2	16	160	3.9	41	2	22	.15	.070	47	36	.03	1187	.01	4	.66	.01	.16	1	1749
033053	6	23	23	48	6.2	10	3	27	2.64	1749	5	ND	7	151	.2	4161	2	41	.10	.025	15	56	.04	696	.01	7	.55	.01	.35	1	792
033054	10	51	37	83	6.1	17	4	38	4.51	2435	5	ND	6	139	.2	20636	2	68	.12	.025	18	93	.03	124	.01	6	.50	.02	.28	1	1078
033055	6	30	60	111	1.6	21	7	36	3.92	4180	5	2	21	122	.4	6263	2	37	.09	.038	65	42	.03	798	.01	4	.60	.01	.20	1	1331
033056	8	20	60	79	3.0	10	4	21	2.95	4618	5	4	13	80	.2	1749	2	22	.02	.034	69	48	.02	822	.01	5	.53	.01	.18	1	3014
033057	8	19	47	87	3.9	20	8	21	3.01	2597	5	3	17	112	.2	2035	2	22	.02	.029	47	65	.02	546	.01	6	.51	.01	.23	1	1815
033058	8	33	16	41	10.3	9	3	9	3.13	3691	5	ND	11	57	.2	801	2	48	.02	.012	2	83	.02	330	.01	6	.44	.01	.23	1	1034
033059	6	14	18	32	2.4	9	3	22	2.16	1818	5	ND	3	41	.2	19101	2	27	.04	.011	7	68	.03	228	.01	9	.46	.01	.32	2	286
STANDARD C/AU-R	19	59	42	132	7.1	72	33	1033	3.93	42	18	7	40	52	37.7	16	18	57	.47	.085	39	56	.87	177	.08	33	1.90	.06	.16	13	451

KOKANEE BULK TR.

GOLDEN BULK TR.

MOOSEHEAD BULK TR.

BLUE 1-32

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 18 1991 **DATE REPORT MAILED:** Sept 23/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Brewery (BB) BH 91-29, 31 ; TR 91 RC 91-582 to 584

Noranda Exploration Co. Ltd. PROJECT 9109-068 330 File # 91-4512 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
R166701	5	56	35	185	.9	22	8	181	2.28	1825	5	ND	11	64	6.0	1345	2	27	.10	.055	38	23	.03	831	.01	8	.57	.01	.10	1	495	3250
R166702	6	63	40	198	.6	28	8	60	2.71	2152	5	ND	13	92	4.7	1055	2	29	.11	.072	47	27	.03	1225	.01	7	.66	.01	.11	1	506	3250
R166703	8	61	36	258	1.0	29	10	160	3.08	2234	5	ND	12	78	4.9	1511	2	34	.09	.060	46	39	.03	878	.01	10	.62	.01	.12	1	528	3750
R166704	8	70	45	247	.7	28	9	92	2.90	1892	5	ND	11	79	3.4	1757	2	35	.08	.050	40	36	.02	608	.01	8	.67	.01	.12	1	539	6000
R166705	6	44	32	148	1.1	15	4	23	2.86	3829	5	ND	11	68	2.4	1301	2	28	.10	.047	38	32	.02	773	.01	7	.56	.01	.11	1	1562	6550
R166706	4	19	25	107	1.4	10	3	7	2.11	3962	5	2	10	63	.9	1232	2	22	.09	.039	42	26	.02	891	.01	7	.54	.01	.12	1	1870	6800
R166707	5	44	30	130	1.3	15	4	14	2.53	4438	5	2	9	78	1.0	1137	2	27	.10	.041	36	26	.02	587	.01	6	.49	.01	.10	1	2343	6000
R166708	4	36	50	179	1.8	15	4	14	2.80	7061	5	5	11	74	2.0	1312	2	24	.10	.043	43	24	.02	933	.01	6	.47	.01	.11	1	4675	6700
R166709	7	65	221	171	1.0	21	4	22	2.56	2345	5	ND	10	215	2.4	1161	3	28	.10	.063	45	39	.02	715	.01	9	.61	.01	.12	1	682	6800
R166710	7	34	74	181	1.6	19	4	13	3.31	2795	5	ND	12	78	2.6	1299	2	27	.11	.053	44	23	.03	611	.01	8	.50	.01	.11	1	539	6400
R166711	7	32	52	150	1.1	19	5	19	2.79	2565	5	ND	13	84	2.7	1226	2	28	.09	.049	51	31	.03	573	.01	8	.55	.01	.12	1	682	5900
R166712	6	48	51	175	1.4	23	6	23	3.45	3470	5	ND	13	89	4.9	1494	2	32	.09	.061	46	25	.02	789	.01	9	.57	.01	.11	1	814	6200
R166713	6	35	43	162	.9	21	6	27	3.30	2688	5	ND	13	64	3.3	1611	2	33	.10	.060	41	25	.03	644	.01	8	.54	.01	.10	1	616	3450
R166714	7	31	38	158	1.1	21	6	32	3.27	2335	5	ND	12	110	2.3	1657	2	36	.09	.062	43	39	.02	679	.01	7	.51	.01	.10	1	693	3550
R166715	6	27	38	89	.6	13	5	11	2.50	2627	5	ND	14	93	3.2	722	2	36	.07	.058	38	27	.02	944	.01	7	.64	.01	.13	1	451	2950
033026	6	75	23	100	.9	38	12	75	2.41	1628	5	ND	3	36	.4	99	2	11	.20	.008	6	42	.08	90	.01	9	.42	.01	.19	1	473	1750
033027	1	71	30	122	1.6	58	23	1073	4.70	2929	5	ND	7	12	.5	93	2	70	6.35	.026	18	135	2.19	64	.01	3	.44	.01	.10	1	1804	7350
033028	1	40	25	125	.1	47	15	202	3.36	213	5	ND	3	63	.3	105	2	11	.54	.005	10	25	.24	51	.01	8	.47	.01	.23	1	37	2650
033030	7	52	35	143	.7	44	13	235	3.60	2373	5	ND	13	110	.6	558	2	31	.43	.024	31	56	.05	843	.01	7	.57	.01	.15	1	809	2900
033031	6	78	36	270	.2	53	16	297	4.16	1389	5	ND	17	56	.9	393	2	29	.10	.035	49	30	.04	593	.01	6	.65	.01	.17	1	176	1800
033032	6	100	28	109	.1	29	10	217	3.29	568	5	ND	6	51	.2	189	2	27	.11	.022	10	27	.05	405	.01	7	.46	.01	.13	1	45	1600
033033	5	133	21	131	.2	43	13	124	3.45	577	5	ND	6	80	.6	180	2	27	.07	.025	7	30	.04	396	.01	6	.64	.01	.18	1	49	945
RE 033028	5	41	23	127	.2	46	15	186	3.32	176	5	ND	4	58	.2	109	2	11	.44	.005	10	24	.20	62	.01	8	.47	.01	.23	1	18	2450
033034	7	96	20	92	.4	33	14	260	2.78	631	5	ND	6	52	.5	171	2	23	.07	.017	8	40	.04	361	.01	6	.56	.01	.17	1	59	1050
033035	7	35	33	25	.7	8	3	24	1.72	284	6	ND	6	30	.2	96	2	12	.03	.011	8	13	.02	335	.01	9	.48	.01	.16	1	13	1150
033036	8	17	33	26	.4	6	2	15	1.58	339	5	ND	5	34	.2	70	2	10	.06	.010	7	52	.03	352	.01	8	.36	.01	.16	1	26	930
033037	6	23	29	32	.6	8	3	13	1.61	664	5	ND	7	55	.4	84	2	10	.10	.009	11	35	.05	282	.01	9	.43	.01	.19	1	374	1700
033038	5	28	22	65	.7	16	6	117	2.14	1455	5	ND	12	72	.4	138	2	13	.11	.016	37	31	.05	388	.01	9	.49	.01	.22	1	913	1150
033039	5	62	36	204	.6	53	18	453	3.05	5865	5	3	18	266	.7	172	2	25	.83	.035	44	34	.38	259	.01	5	.68	.01	.15	1	1694	2050
033040	4	31	30	179	.8	33	14	607	3.98	3909	5	ND	15	58	.2	100	2	21	2.44	.031	33	33	1.07	254	.01	4	.48	.01	.13	1	1386	1950
033041	3	39	32	106	3.6	27	9	650	2.79	7172	5	6	11	384	.8	786	2	15	1.51	.012	29	25	.68	195	.01	5	.46	.01	.14	1	6677	2150
033042	7	32	19	44	1.2	20	6	277	1.77	1672	5	ND	3	119	.2	84	2	10	.57	.011	5	72	.21	177	.01	8	.37	.01	.16	1	1870	1200
033043	4	36	21	99	.3	36	12	243	3.31	1173	5	ND	4	64	.2	55	2	46	.17	.011	5	40	.08	212	.01	7	.42	.01	.19	1	198	810
033044	2	36	17	89	1.0	30	11	77	2.85	4440	5	ND	4	127	.2	77	2	10	.14	.007	5	23	.06	128	.01	5	.58	.01	.18	1	2354	1250
033045	3	38	19	89	1.9	46	8	101	2.41	2584	12	ND	3	241	.3	126	2	16	.48	.007	5	21	.22	117	.01	6	.76	.01	.18	1	1309	1900
033046	3	53	20	102	.3	63	18	415	4.21	951	5	ND	3	202	.8	54	3	24	1.37	.016	7	38	.98	181	.01	8	.93	.02	.19	1	165	990
033047	2	61	20	85	1.0	69	20	634	4.94	2421	5	ND	3	302	.4	134	2	32	2.29	.015	6	50	1.55	355	.01	6	.61	.01	.19	1	2167	1150
STANDARD C/AU-R	18	59	36	132	7.4	71	32	1040	3.97	41	21	6	40	52	17.4	16	18	56	.46	.088	39	56	.85	177	.08	34	1.90	.06	.13	13	473	1500

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 16 1991 DATE REPORT MAILED: Sept 20/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg ppb
033018	3	46	21	127	.2	37	14	53	3.34	6653	5	6	4	112	.3	178	2	11	.21	.009	7	30	.11	60	.01	8	.54	.01	.27	1	9780	1500
033019	3	41	20	130	.7	40	16	116	3.71	1852	5	2	3	88	.2	70	2	11	.31	.011	4	28	.17	84	.01	7	.52	.01	.26	1	4520	1380
033020	5	38	18	148	1.4	56	13	156	3.44	4483	5	ND	4	60	.2	76	3	13	.29	.012	5	46	.23	147	.01	7	.58	.01	.24	1	2610	915
033021	3	54	24	155	.2	42	14	308	3.62	1152	5	ND	2	51	.3	58	2	14	.25	.016	4	24	.51	312	.01	5	.45	.01	.23	1	171	1000
033022	4	30	5	71	4.0	26	7	76	1.64	586	5	2	1	12	.3	20254	2	17	.05	.001	3	68	.03	29	.01	5	.24	.01	.08	1	2590	1200
033023	8	29	29	106	2.7	30	9	10	1.99	5495	6	3	2	22	.9	20268	2	22	.04	.008	4	79	.02	25	.01	7	.39	.01	.15	1	4540	1700
033024	8	25	16	106	1.6	29	9	9	1.86	1769	5	ND	3	17	.2	12651	2	11	.05	.005	5	76	.03	36	.01	6	.34	.01	.16	1	490	1150
033025	8	25	103	182	1.8	32	9	23	1.48	410	5	ND	3	18	1.0	6040	2	12	.06	.005	5	54	.03	130	.01	7	.35	.01	.17	1	191	1600
R141901	6	31	17	71	.4	15	3	35	2.09	128	5	ND	6	78	.2	22	2	35	.22	.020	33	13	.06	873	.01	6	.55	.01	.16	1	14	1350
R141902	5	38	18	382	.6	67	20	583	5.36	938	5	ND	7	186	3.2	15	2	48	.52	.144	29	25	.13	416	.01	8	.74	.01	.24	1	27	5950
R141903	10	60	23	463	1.3	81	14	186	4.41	383	5	ND	4	306	3.6	20	3	134	.21	.166	18	31	.08	3913	.01	12	1.00	.01	.20	1	37	5250
R141904	7	43	29	520	.5	97	29	1553	5.38	1329	5	ND	5	237	7.5	22	3	40	1.02	.134	17	29	.17	1266	.01	7	.89	.01	.19	1	58	5850
R141905	10	70	14	556	1.4	119	28	909	6.16	3728	5	ND	7	585	12.1	29	2	177	.19	.210	23	50	.06	467	.01	8	1.11	.02	.38	1	290	8600
R141906	8	42	22	187	.5	37	7	24	4.35	1669	5	ND	9	165	.2	27	2	49	.18	.024	35	14	.04	667	.01	7	.50	.01	.25	1	270	3000
R141907	5	18	18	118	.3	19	4	20	2.73	590	5	ND	8	143	.2	14	2	29	.15	.032	36	13	.05	667	.01	12	.58	.01	.33	1	43	2700
R141908	5	31	98	168	1.5	15	5	27	3.17	186	5	ND	8	136	.2	95	2	23	.10	.045	32	16	.04	855	.01	10	.56	.01	.29	1	32	2350
R141909	3	60	90	459	1.2	73	18	590	4.00	315	5	ND	10	182	4.1	24	2	20	.36	.087	31	14	.07	935	.01	8	.98	.01	.23	1	109	3650
R141910	4	53	69	442	1.1	71	27	1051	5.73	678	5	ND	7	151	3.7	19	5	26	.58	.151	29	31	.09	578	.01	8	1.10	.01	.26	1	102	2300
R141911	9	25	36	112	.6	25	5	65	3.58	240	5	ND	8	164	.2	25	2	29	.15	.041	32	13	.05	396	.01	12	.48	.01	.39	1	34	1250
R141912	9	21	33	44	1.0	12	2	27	3.29	1119	5	ND	7	227	.2	89	2	35	.13	.042	26	14	.05	133	.01	15	.46	.01	.51	1	194	2300
R141913	4	76	1554	1044	14.6	30	10	697	3.81	553	5	ND	10	133	13.8	214	2	27	.68	.074	26	15	.10	401	.01	9	.60	.01	.22	1	125	2450
R141914	3	68	676	1373	6.3	48	16	1067	4.15	452	5	ND	14	112	17.6	227	2	25	.73	.078	28	19	.13	829	.01	7	.90	.01	.17	1	137	6300
R141915	2	21	375	201	3.4	10	3	131	1.52	328	5	ND	12	111	4.6	716	2	16	.13	.041	28	14	.05	879	.01	7	.60	.01	.18	1	191	3750
R141916	4	61	166	670	1.5	73	14	795	4.02	674	5	ND	14	109	7.5	66	2	29	.58	.046	23	28	.13	1022	.01	9	1.12	.01	.22	1	114	3000
R141917	3	40	101	349	1.2	33	15	1075	3.94	829	5	ND	12	146	4.1	31	3	23	1.42	.092	26	22	.23	689	.01	7	.85	.01	.19	1	157	2950
R141918	3	23	111	340	.7	30	16	1370	4.22	332	5	ND	14	71	3.1	30	3	27	.43	.113	42	19	.08	600	.01	5	.73	.01	.18	1	61	3000
R141919	2	37	429	470	4.2	23	11	1134	3.30	354	5	ND	15	139	7.9	2008	3	23	1.58	.097	34	18	.27	858	.01	6	.85	.01	.20	1	104	2500
R141920	2	21	89	285	.7	21	12	932	3.45	527	5	ND	15	171	2.5	118	2	30	2.03	.098	39	19	.55	705	.01	6	.82	.01	.19	1	131	4800
R141921	3	19	98	313	1.0	36	15	1106	3.58	591	5	ND	16	145	2.8	68	2	28	1.85	.097	39	25	.35	576	.01	8	1.01	.01	.26	1	510	2450
R141922	3	28	100	467	1.5	141	21	1296	3.97	2179	5	ND	18	123	8.2	67	3	33	.75	.101	44	26	.10	1338	.01	7	1.25	.01	.20	1	1160	5750
R141923	2	23	104	401	.5	49	17	908	3.56	211	5	ND	16	158	3.5	51	2	51	1.47	.051	34	28	.15	1061	.01	4	1.00	.01	.18	1	56	2750
R141924	3	24	156	345	1.4	34	15	1028	4.12	833	5	ND	16	188	3.3	52	4	49	.66	.091	41	26	.09	1543	.01	5	1.05	.01	.15	1	250	3000
R141925	3	22	226	388	4.2	34	16	1140	3.96	1459	5	ND	19	143	3.6	157	10	44	.12	.056	41	24	.04	927	.01	5	.90	.01	.14	1	570	3250
R141926	3	22	133	285	1.5	26	13	817	3.66	650	5	ND	19	94	2.7	56	7	56	.21	.080	44	27	.10	596	.01	5	.77	.01	.14	1	92	3650
RE R141922	3	29	103	467	1.3	142	21	1300	4.01	2187	5	ND	19	124	8.4	65	3	33	.73	.101	44	27	.10	1347	.01	6	1.24	.01	.19	1	1060	6050
R141927	2	25	79	246	.2	29	15	876	3.55	169	5	ND	17	75	3.2	44	2	94	.58	.110	50	51	1.11	1405	.20	4	2.02	.04	.63	1	57	630
R141928	2	20	46	165	.5	15	11	734	3.43	334	5	ND	18	90	1.1	24	2	86	1.10	.105	47	46	.91	1424	.14	3	1.64	.03	.48	1	610	1400
STANDARD C/AU-R	19	61	39	131	7.5	76	32	1032	3.94	43	18	8	39	53	19.0	17	20	59	.49	.092	40	60	.88	174	.08	34	1.92	.07	.15	11	480	1650

Samples beginning 'RE' are duplicate samples.

MPLE#	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
41944	3	133	16110	50	450.0	11	7	358	3.32	38	5	ND	10	55	.7	116	2	42	.11	.080	35	51	.85	370	.05	2	1.69	.03	.32	1	30
41945	4	96	19	47	.6	11	6	100	3.05	68	5	ND	11	48	.5	2	2	38	.15	.076	36	40	.85	350	.03	3	1.54	.03	.27	1	43
41946	2	130	21	80	.4	31	20	230	2.98	64	5	ND	10	64	1.1	2	2	45	.24	.079	38	38	.88	358	.05	2	1.59	.03	.28	1	37
41947	2	118	6290	78	140.7	29	21	273	3.09	47	5	ND	9	50	.7	53	2	66	.20	.076	31	30	.97	329	.06	2	1.96	.02	.25	1	32
41948	2	103	182	78	4.1	24	14	141	3.23	84	5	ND	10	87	.2	2	2	60	.19	.076	33	41	.99	408	.04	2	2.08	.02	.30	1	37
41949	2	97	763	41	16.7	9	4	90	3.74	100	5	ND	10	89	.2	14	3	45	.10	.079	29	27	.71	560	.03	2	1.48	.05	.30	1	30
41950	2	96	68	63	1.5	8	4	47	3.47	162	5	ND	9	81	.4	11	2	52	.10	.071	29	20	.49	681	.01	2	1.12	.03	.25	1	22
41951	7	99	561	108	8.5	19	4	118	3.36	180	5	ND	10	64	.2	27	2	940	.10	.065	40	20	.53	603	.01	2	1.43	.02	.32	1	27
R141956	3	47	213	46	2.2	14	6	90	2.54	19	5	ND	11	30	.2	15	2	42	.04	.041	37	36	.60	506	.02	2	1.88	.03	.72	1	15
41952	4	42	1443	19	26.2	4	3	63	2.95	195	5	ND	10	43	.2	61	2	77	.05	.045	39	19	.25	519	.01	3	1.21	.04	.95	1	8
41953	2	56	407	28	8.6	6	3	80	3.15	138	5	ND	10	26	.2	22	2	23	.04	.044	39	11	.37	746	.01	2	1.46	.05	.76	1	5
41954	2	64	240	46	4.4	11	5	198	4.63	47	5	ND	9	33	.2	6	2	40	.04	.056	31	28	.57	562	.03	3	1.88	.04	.70	1	13
41955	1	51	467	50	7.7	16	7	145	3.29	30	5	ND	10	24	.2	8	2	31	.06	.048	36	23	.72	527	.04	2	2.01	.02	.74	1	8
41956	3	47	207	46	2.2	14	6	91	2.55	19	5	ND	11	30	.2	15	2	42	.04	.042	38	36	.61	513	.02	4	1.92	.03	.72	1	19
41957	1	50	176	58	2.4	18	7	105	3.39	422	5	ND	9	26	.6	4	2	34	.04	.042	35	30	.62	626	.04	2	1.86	.02	.80	1	38
41958	2	54	494	61	7.3	13	6	101	4.06	1170	5	ND	10	33	.4	13	4	38	.03	.045	35	31	.62	736	.04	2	1.89	.02	.78	1	210
41959	1	33	69	74	.8	22	7	170	3.40	30	5	ND	10	20	.2	2	2	41	.04	.041	37	39	.76	544	.07	2	2.31	.02	.94	1	6
41960	1	41	62	75	.6	17	6	141	3.54	14	5	ND	10	24	.3	2	2	39	.04	.043	35	38	.65	427	.06	2	2.13	.02	.74	1	11
41961	1	70	309	78	1.1	10	6	108	4.39	700	5	ND	10	37	.6	70	5	26	.06	.053	34	25	.46	639	.03	2	1.44	.02	.58	1	9
41962	2	71	40	40	.6	17	6	50	3.14	43	5	ND	10	36	.3	8	3	30	.07	.079	24	21	.42	458	.05	3	1.32	.02	.48	1	3
41963	3	36	42	27	.5	10	4	26	1.83	33	5	ND	10	39	.2	14	2	11	.11	.080	24	17	.13	648	.01	3	.69	.01	.21	1	3
41964	3	25	51	24	.7	6	3	63	1.72	38	6	ND	13	28	.2	24	3	15	.04	.042	36	26	.30	621	.01	4	1.19	.02	.58	1	15
41965	2	40	58	29	.7	10	4	69	2.32	49	5	ND	12	46	.2	8	3	25	.07	.054	35	21	.45	506	.02	2	1.31	.02	.42	1	12
41966	2	83	51	32	1.5	13	5	55	4.62	41	5	ND	9	79	.2	2	4	36	.12	.081	22	18	.68	500	.01	2	1.56	.06	.27	1	9
41967	2	139	25	43	.4	11	4	59	4.91	34	5	ND	10	60	.2	3	3	34	.13	.094	23	20	.68	433	.01	2	1.35	.04	.22	1	36
41968	2	108	42	68	1.1	15	5	65	4.87	136	5	ND	9	94	.2	7	10	26	.13	.077	23	21	.43	559	.01	2	1.19	.04	.34	1	910
41969	2	62	35	28	.4	14	3	53	2.94	191	5	ND	11	64	.2	46	4	21	.11	.046	33	12	.35	608	.01	2	1.19	.02	.57	1	200
41970	2	62	28	29	.3	11	4	102	3.48	52	5	ND	11	36	.2	49	4	27	.11	.042	36	17	.65	703	.03	2	1.79	.02	.72	1	16
41971	2	35	26	23	.4	8	3	91	2.20	67	5	ND	12	21	.2	11	2	27	.07	.040	37	19	.57	599	.02	3	1.56	.02	.60	1	36
41972	3	39	25	23	.4	6	2	124	2.92	341	5	ND	12	24	.2	14	4	34	.09	.043	37	30	.63	680	.05	3	1.79	.02	.78	1	16
41973	1	64	20	58	.2	11	4	187	3.71	38	5	ND	11	30	.2	16	2	40	.13	.044	33	26	.78	652	.06	2	2.04	.01	.75	1	8
41974	1	39	42	38	.2	8	3	157	3.07	54	5	ND	12	30	.2	18	2	25	.10	.043	39	15	.57	744	.04	2	1.66	.01	.73	1	7
41975	6	40	40	36	.2	11	2	97	2.77	39	5	ND	9	24	.2	10	3	78	.10	.062	30	44	.87	779	.03	3	1.59	.01	.65	1	1
41976	2	35	22	19	.3	7	2	106	2.45	48	5	ND	11	18	.2	5	3	27	.07	.037	36	23	.62	767	.04	5	1.60	.02	.67	1	1
41977	2	38	28	37	.2	10	3	136	3.31	28	5	ND	11	20	.2	10	4	21	.07	.045	38	27	.53	641	.02	2	1.71	.02	.64	1	4
41978	2	46	40	47	.4	12	4	93	3.08	67	5	ND	11	30	.2	30	2	23	.05	.041	35	19	.33	718	.02	2	1.23	.01	.57	1	5
41979	6	32	52	35	.2	18	5	103	3.59	172	5	ND	10	54	.2	37	3	51	.03	.055	28	23	.16	721	.02	2	.88	.02	.59	1	14
TANDARD C/AU-R	18	58	41	133	6.7	70	32	1042	3.96	37	18	7	37	53	19.0	19	18	56	.48	.091	36	58	.88	175	.09	34	1.88	.06	.15	11	480

BOHEMIAN
BCTR 91-80-3

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

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
141980	2	55	40	77	.5	17	6	164	4.68	203	5	ND	24	78	.2	26	2	87	.12	.118	60	59	.91	1433	.23	3	1.94	.02	.91	1	25
141981	2	79	125	86	.5	16	7	215	6.04	105	5	ND	24	97	.2	35	2	89	.13	.153	67	73	.93	1286	.24	3	2.05	.03	.99	1	4
141982	2	123	57	186	.3	59	50	1302	4.54	45	5	ND	26	67	1.4	16	3	76	.29	.153	82	67	.79	934	.21	2	1.71	.03	.77	1	4
141983	2	88	32	183	.2	66	32	1146	4.61	52	5	ND	21	99	.8	10	2	74	.28	.142	69	60	.80	1091	.20	3	1.72	.04	.81	1	3
141984	2	46	23	47	.4	14	5	119	3.73	386	5	ND	15	155	.2	27	2	32	.04	.065	40	25	.18	869	.04	10	1.15	.02	.80	1	111
141985	2	33	32	44	.4	7	4	61	3.50	1754	5	ND	17	192	.2	86	2	30	.04	.067	48	21	.05	660	.02	4	.73	.02	.65	1	2210
141986	2	29	47	23	.4	4	2	43	2.30	542	5	ND	13	121	.3	142	3	16	.03	.029	38	13	.07	654	.02	8	.76	.01	.33	1	640
141987	1	55	16	105	.3	26	8	190	5.34	722	5	ND	11	102	.2	170	3	29	.03	.054	39	20	.08	580	.02	4	.91	.01	.26	1	92
141988	2	48	16	61	.4	15	6	122	4.34	336	5	ND	12	58	.2	85	2	27	.03	.055	33	24	.11	641	.03	5	.92	.01	.34	1	39
141989	3	76	87	26	1.3	8	4	54	3.31	1708	5	ND	13	63	.2	8	4	39	.06	.070	25	33	.59	960	.03	5	1.54	.06	.51	1	210
141990	2	120	27	47	.7	9	4	84	5.77	323	5	ND	14	102	.2	4	2	40	.04	.110	37	34	.72	683	.03	6	1.82	.11	.42	1	200
141991	2	126	21	67	.4	16	5	102	5.69	416	5	ND	13	77	.2	2	4	42	.08	.107	33	51	.88	413	.02	5	1.93	.07	.27	1	440
141992	2	117	50	54	.9	11	4	71	5.60	1492	6	ND	13	69	.5	9	6	38	.05	.096	33	32	.56	1042	.01	6	1.67	.05	.50	1	730
141993	10	88	22	43	.4	14	5	69	3.85	100	5	ND	13	125	.2	2	2	39	.06	.077	35	104	.70	766	.03	4	1.85	.08	.29	1	27
141994	2	68	29	43	.7	12	5	86	2.77	20	5	ND	13	122	.4	4	4	47	.07	.063	29	35	.86	699	.07	3	2.03	.09	.31	1	2
141995	3	55	102	36	.5	6	3	104	3.19	65	5	ND	14	30	.2	40	2	40	.03	.049	36	39	.59	657	.07	6	1.97	.03	.86	1	18
141996	2	54	19	42	.4	14	3	161	3.18	16	5	ND	12	29	.2	8	2	50	.04	.043	32	39	.81	572	.10	2	2.24	.03	1.07	1	5
141997	2	110	26	70	.4	22	10	176	2.81	60	5	ND	14	21	.2	10	2	58	.06	.049	43	32	.60	602	.07	4	2.14	.02	.68	1	13
141998	3	103	16	47	.3	16	26	265	2.45	122	5	ND	16	14	.2	24	3	68	.03	.037	49	32	.47	468	.05	3	1.93	.02	.67	1	2
141999	4	105	15	49	.2	16	21	182	2.87	196	5	ND	18	30	.2	25	3	43	.02	.053	55	32	.34	536	.05	5	1.75	.02	.72	1	20
142000	4	83	18	68	.4	15	8	70	3.88	250	5	ND	16	48	.2	19	3	35	.01	.067	47	22	.13	511	.02	5	1.17	.02	.53	1	4
166676	7	31	18	58	.2	8	5	206	2.88	16	5	ND	17	90	.2	2	3	89	.52	.115	41	59	1.07	1244	.34	2	1.67	.12	1.12	1	1
166677	6	79	67	12	1.9	10	2	72	2.20	1839	5	ND	2	76	1.2	4	8	152	.33	.697	15	165	.06	221	.01	11	.42	.01	.14	1	420
166678	3	78	30	99	2.9	1	3	23	.52	431	5	8	1	16	2.3	24842	8	4	.11	.004	3	111	.04	69	.01	4	.30	.01	.13	1	8330
166679 *	5	80	67	33	3.1	11	2	40	4.13	1223	11	ND	1	57	.3	3306	4	119	.44	.748	43	125	.03	182	.01	9	.37	.01	.11	1	350
166680	1	9	11	49	.1	13	3	395	1.45	615	5	ND	4	63	.4	31	2	13	7.28	.027	4	47	2.97	53	.06	5	1.70	.09	.03	1	14
166681	3	38	8	27	.2	30	3	373	1.50	68	5	ND	1	113	.3	90	3	42	5.89	.025	4	77	1.34	177	.09	5	2.21	.20	.07	1	18
166682	1	104	11	25	2.8	6	3	69	.49	53	5	4	1	23	1.1	24709	6	6	.94	.001	2	76	.28	26	.01	4	.44	.02	.08	1	3990
166801	7	24	20	46	.4	14	3	64	2.66	675	5	ND	10	124	.5	175	2	19	.03	.033	31	32	.06	376	.02	6	.77	.01	.31	1	210
RE R166679	6	82	72	32	3.1	12	1	42	4.28	1257	7	ND	2	60	.3	2399	3	129	.46	.744	44	133	.03	197	.01	11	.39	.01	.11	1	330
166802	6	27	20	63	.5	17	3	98	4.69	1027	5	ND	7	117	.2	44	7	33	.03	.121	25	22	.04	237	.01	4	.79	.01	.22	1	59
166803	4	22	16	24	.3	6	1	34	4.74	480	5	ND	15	111	.2	26	11	38	.06	.144	73	16	.05	423	.01	2	.82	.02	.58	1	67
166804	2	23	20	24	.5	6	2	83	3.11	302	5	ND	16	55	.2	15	13	29	.04	.142	66	14	.04	383	.01	2	.73	.01	.32	1	540
166805	6	28	19	36	.5	17	1	20	3.36	472	6	ND	17	42	.2	23	18	33	.05	.112	67	17	.05	367	.01	2	.83	.01	.34	1	220
166806	3	38	24	19	.7	11	1	21	3.79	874	5	ND	14	45	.2	20	45	46	.05	.171	58	13	.05	342	.01	2	.83	.01	.50	1	390
166807	4	49	23	24	.5	15	1	22	3.50	746	5	ND	14	39	.2	27	7	44	.06	.190	56	26	.07	373	.01	4	.99	.01	.51	1	13
166808	4	50	13	45	.5	17	2	24	4.63	562	5	ND	12	41	.2	22	4	37	.04	.183	46	9	.04	591	.01	2	.72	.01	.42	1	50
STANDARD C/AU-R	18	64	39	131	7.3	69	32	1029	3.90	39	16	7	39	52	17.6	16	18	56	.48	.089	40	58	.88	174	.09	33	1.87	.07	.15	11	480

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

BCTR 91-80-3

BOHEMIAN BCTR 91-80-4

BOHEMIAN BCTR 91-80-5

* ≃ 23400E / 23600E / 17875 - 17600 AREA

IPLE#	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
6809	23	46	18	107	.6	57	4	40	8.26	1177	5	ND	9	33	.2	16	2	52	.02	.249	38	13	.04	430	.01	2	.74	.01	.54	4	32
6810	18	38	26	56	.8	31	3	38	5.17	991	5	ND	12	37	.2	9	6	26	.02	.130	30	10	.03	511	.01	3	.69	.01	.33	2	73
6811	8	10	13	41	.3	15	2	37	2.12	443	5	ND	13	15	.2	22	7	16	.01	.043	39	16	.08	370	.01	4	.84	.01	.38	1	27
6812	8	15	12	48	.5	18	2	32	2.36	388	5	ND	13	20	.2	27	3	18	.01	.044	43	22	.08	362	.01	5	.84	.01	.34	1	20
6813	5	14	158	8	3.9	3	1	26	1.39	598	5	7	10	22	.2	444	3	11	.02	.012	34	22	.19	594	.01	11	1.19	.02	.79	1	7480
6814	5	19	55	11	1.1	5	1	25	1.34	936	5	ND	11	51	.2	77	3	13	.03	.031	38	13	.19	544	.01	10	1.07	.02	.66	1	1810
6815	6	30	21	16	.5	6	2	26	1.26	841	7	ND	11	50	.2	84	2	11	.02	.023	40	17	.22	570	.01	9	1.19	.02	.69	1	470
6816	6	50	12	17	.2	8	2	27	.98	270	5	ND	11	44	.2	89	3	13	.02	.021	39	18	.21	540	.01	7	1.25	.02	.70	1	28
6817	15	42	270	36	2.1	9	3	50	1.80	978	5	2	10	59	.3	113	6	37	.07	.050	32	26	.22	606	.01	9	1.24	.02	.73	1	1820
6818	45	155	62	196	2.1	79	11	132	5.27	2320	19	ND	3	209	1.3	93	47	372	.96	.744	36	72	.06	865	.01	7	1.15	.01	.18	2	1240
6819	13	64	115	71	4.2	31	3	56	2.86	1703	13	2	2	227	.6	47	14	96	1.83	.736	22	106	.04	482	.01	10	.74	.01	.11	1	1170
6820	12	32	117	22	3.6	9	2	26	2.04	1413	9	ND	2	155	.4	37	15	41	.77	.728	10	75	.02	282	.01	10	.42	.01	.07	1	860
6821	27	93	245	22	12.5	26	6	96	3.81	2888	15	3	4	118	.8	174	21	59	.32	.736	16	93	.01	145	.01	2	.59	.01	.05	1	3380
6822	25	36	292	7	7.9	5	2	31	6.70	3597	24	ND	5	299	.2	114	24	141	.95	.735	23	170	.03	1287	.01	4	.51	.01	.10	1	990
6823	52	312	1288	420	10.4	109	38	401	8.09	8080	21	2	1	93	5.3	107	26	477	2.08	.730	47	171	1.69	612	.04	3	1.63	.01	.28	4	830
6824	31	281	3388	947	46.5	82	156	298	9.06	30260	18	50	3	255	29.1	206	638	123	1.66	.175	14	42	.98	624	.05	2	1.42	.05	.33	8	48500
6825	9	115	29	71	.5	18	7	289	2.82	140	5	ND	12	121	.3	4	9	87	1.26	.128	32	49	1.21	228	.13	2	2.42	.22	.64	1	140
6826	10	125	22	64	.5	10	6	275	2.71	90	5	ND	12	80	.3	3	8	70	.88	.096	34	45	1.09	203	.17	4	1.77	.13	.59	1	33
6827	8	107	30	81	.5	9	6	415	2.87	126	5	ND	13	69	.5	4	7	64	.85	.095	37	37	1.13	245	.12	5	1.91	.13	.57	1	13
R166824	32	300	3476	997	65.5	86	163	309	9.62	31981	20	120	4	269	30.2	211	698	128	1.75	.180	15	44	1.03	764	.05	4	1.52	.06	.50	7	52800
6828	13	114	29	74	.5	9	7	364	3.12	101	5	ND	13	71	.5	5	7	68	.85	.094	32	49	1.22	170	.12	3	1.65	.11	.53	1	180
6829	12	114	34	162	.5	9	7	370	3.16	49	5	ND	13	83	.7	3	6	64	.95	.094	32	44	1.16	151	.11	2	1.75	.12	.50	1	160
6830	9	90	14	59	.4	7	7	285	3.25	16	5	ND	12	119	.2	2	3	69	.85	.091	35	41	1.12	218	.20	4	2.03	.17	.69	1	456
6831	9	73	19	57	.5	18	9	233	3.02	108	5	ND	12	88	.2	6	2	52	.52	.064	34	31	.89	426	.10	7	1.91	.12	.72	1	24
6832	7	77	17	67	.3	17	8	369	3.39	98	5	ND	12	148	.2	6	3	72	.79	.082	33	44	1.21	412	.20	3	2.35	.19	.93	1	190
6833	8	79	19	72	.4	15	8	233	3.19	111	5	ND	11	225	.2	3	2	69	1.21	.083	30	43	1.17	553	.18	5	3.02	.30	1.00	1	130
6834	8	88	27	78	.4	22	10	218	3.33	181	5	ND	10	93	.2	6	2	50	.57	.060	25	36	1.05	479	.08	5	2.33	.15	.77	1	120
6835	8	90	50	91	.5	19	7	169	3.02	222	5	ND	11	121	.4	7	2	53	.69	.066	27	45	1.16	415	.09	6	2.57	.21	.74	1	77
6836	12	173	149	124	6.4	28	9	186	3.74	1802	6	ND	13	80	2.2	15	43	55	.32	.067	12	47	.97	456	.04	7	1.67	.07	.22	1	1760
6837	13	136	84	106	3.2	39	15	201	2.69	493	5	ND	15	107	1.7	10	27	56	.47	.095	23	65	1.00	611	.09	6	1.77	.08	.33	1	540
6838	11	101	68	78	2.4	37	11	165	2.27	214	5	ND	13	38	1.1	5	9	53	.30	.067	20	48	.91	364	.05	5	1.57	.04	.27	1	400
6839	7	73	12	33	.3	40	14	97	2.65	54	5	ND	11	15	.2	2	2	24	.07	.022	28	40	.59	314	.01	7	1.52	.04	.54	1	34
6840	6	66	20	50	.4	21	7	145	3.15	220	5	ND	12	18	.2	4	2	38	.08	.034	38	44	.83	503	.02	9	2.16	.05	.74	1	250
6841	7	133	676	121	10.2	12	5	52	2.55	827	6	ND	13	31	7.5	29	6	28	.04	.036	35	34	.57	614	.01	9	1.54	.03	.63	1	990
6842	6	80	603	214	5.4	11	4	85	2.52	563	6	ND	13	34	7.2	18	6	26	.05	.033	39	30	.67	541	.01	8	1.68	.03	.62	2	580
6843	2	30	10	103	.2	29	11	596	3.81	51	5	ND	11	129	.3	3	2	109	2.57	.111	35	86	1.79	1065	.32	4	2.16	.07	1.33	1	7
NDARD C/AU-R	17	58	39	133	6.9	71	33	1045	3.99	40	17	7	36	52	18.6	19	19	54	.49	.089	37	58	.88	173	.09	32	1.89	.06	.15	11	510

BOHEMIAN BCTR 91-80-5

BOHEMIAN BCTR 91-80-6

BOHEMIAN BCTR 91-80-7.

mple type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

BOHEMIAN BETE 91-B0-4

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
174267	5	54	30	19	.5	10	5	38	3.46	319	5	ND	14	70	.6	23	2	41	.01	.052	39	47	.10	435	.01	7	.98	.01	.39	1	15
174268	4	79	28	24	.3	10	4	38	3.78	225	8	ND	12	88	.7	14	2	30	.02	.065	38	26	.07	428	.01	6	.87	.01	.38	1	77
174269	4	32	41	12	.5	13	3	38	1.92	718	7	ND	12	65	.2	11	4	20	.03	.046	39	34	.11	465	.01	6	.94	.01	.48	1	81
174270	6	29	15	19	.3	8	2	29	1.94	147	9	ND	11	74	.2	19	3	18	.02	.036	38	31	.10	495	.01	7	.92	.01	.48	1	35
RE R174269	4	28	42	12	.6	13	3	39	1.91	711	9	ND	12	63	.3	13	4	20	.03	.045	39	33	.11	449	.01	5	.92	.01	.43	1	83
STANDARD C/AU-R	18	58	37	135	7.3	72	33	1063	4.04	42	22	7	38	54	18.8	15	18	55	.50	.083	37	59	.87	178	.09	32	1.91	.06	.15	13	490

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

CLASSIC BCTR 91-CL-01

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
167301	1	73	14	71	.6	15	9	375	2.56	376	5	ND	35	199	.2	2	2	61	1.15	.183	75	48	1.30	156	.26	10	.77	.05	.68	1	96
167302	1	82	12	68	.8	15	9	376	2.54	352	5	ND	34	208	.2	3	4	69	1.20	.188	76	49	1.34	142	.27	11	.79	.05	.71	1	80
167303	1	150	16	72	1.1	15	9	450	2.74	361	5	ND	36	220	.4	2	5	72	1.46	.186	77	51	1.37	144	.25	13	.83	.05	.73	1	132
167304	1	111	9	76	.7	17	11	596	3.65	332	5	ND	24	217	.2	2	5	90	1.62	.189	74	53	1.83	137	.26	3	1.01	.03	.73	1	127
167305	1	95	12	86	.8	16	10	608	3.49	363	5	ND	31	244	.3	2	4	111	2.35	.191	82	60	1.10	132	.23	3	.97	.03	.70	1	79
167306	2	215	9	101	1.2	17	12	699	4.02	518	6	ND	35	269	.3	5	4	111	5.12	.182	84	54	.48	94	.13	5	.67	.02	.57	1	131
167307	2	135	11	111	.6	20	16	1078	4.79	545	5	ND	52	343	.2	7	2	116	.70	.204	95	55	.12	196	.02	8	.45	.01	.18	1	12
167308	1	236	13	125	.7	21	17	1073	5.06	493	5	ND	34	411	.2	7	2	121	.38	.211	89	52	.13	397	.01	8	.47	.01	.17	1	29
167309	2	274	18	118	1.2	22	17	954	4.87	1091	5	ND	29	381	.7	15	5	119	.32	.164	73	49	.09	462	.01	10	.48	.01	.18	1	74
167310	2	79	16	139	.5	22	16	1097	4.98	737	5	ND	34	442	.4	8	2	116	.33	.113	69	44	.08	660	.01	15	.64	.01	.17	1	16
167311	2	72	35	113	.4	16	12	841	3.99	1002	5	ND	41	346	.2	7	2	85	.24	.061	62	29	.11	480	.01	5	.78	.01	.13	1	35
167312	2	68	23	120	.6	10	12	1026	4.55	865	7	ND	64	318	.2	6	2	90	.35	.129	96	32	.14	403	.01	4	.80	.01	.13	1	30
167313	2	60	30	130	.4	9	13	1057	4.09	1134	12	ND	94	308	.2	6	3	77	.37	.169	112	19	.06	347	.01	6	.59	.01	.13	1	87
167314	2	61	30	144	.5	10	13	1119	4.98	935	13	ND	112	259	.2	4	3	66	.41	.164	113	21	.05	226	.01	5	.57	.01	.16	1	66
167315	2	62	28	139	.5	10	14	1367	4.91	454	11	ND	105	301	.3	6	2	70	.45	.183	123	18	.05	222	.01	7	.60	.01	.16	1	78
167316	2	44	24	138	.6	10	15	1049	4.66	1110	11	ND	59	417	.2	7	4	76	.38	.162	98	22	.04	242	.01	10	.54	.01	.15	1	107
167317	2	37	26	135	.4	9	12	1113	4.32	547	7	ND	66	615	.3	4	3	69	.33	.138	79	20	.04	249	.01	11	.50	.01	.14	1	94
RE 167320	3	45	28	134	.5	11	13	1260	6.55	1984	16	ND	65	474	.2	9	2	83	.29	.124	83	27	.05	209	.01	8	.75	.01	.14	1	56
167318	2	21	28	144	.4	10	11	995	4.19	655	11	ND	76	540	.2	4	2	56	.26	.106	78	18	.04	244	.01	7	.52	.01	.14	1	58
167319	2	35	33	147	.5	10	12	1219	5.28	1174	10	ND	82	360	.2	6	3	71	.36	.141	93	18	.05	173	.01	9	.58	.01	.14	1	43
167320	3	44	27	135	.5	11	14	1261	6.48	1981	18	ND	66	468	.2	9	2	83	.29	.125	83	25	.05	198	.01	10	.75	.01	.14	1	48
167321	2	26	29	144	.4	11	14	1312	4.23	1129	11	ND	97	341	.2	5	2	70	.40	.146	97	20	.06	139	.01	7	.63	.01	.14	1	19
167322	3	40	26	144	.5	10	13	964	4.33	1057	12	ND	73	544	.2	8	3	68	.35	.129	84	26	.05	127	.01	8	.57	.01	.14	1	181
167323	2	37	20	115	.5	9	13	862	3.80	1310	7	ND	70	528	.2	5	5	68	.35	.122	82	27	.05	140	.01	8	.61	.01	.15	1	220
167324	3	36	22	120	.4	9	13	1208	4.34	871	6	ND	60	215	.2	7	3	64	.45	.145	98	32	.07	105	.01	7	.66	.01	.16	1	46
167325	2	37	25	119	.5	8	12	833	4.10	578	7	ND	64	147	.2	4	4	76	.46	.149	96	27	.09	67	.01	6	.60	.02	.14	1	83
167326	4	32	18	93	.4	8	11	847	3.53	701	9	ND	57	305	.2	7	6	60	.30	.097	72	45	.07	92	.01	4	.47	.01	.13	1	280
167327	2	45	21	120	.5	8	11	976	4.12	1019	7	ND	105	114	.2	5	8	76	.46	.133	107	27	.20	82	.06	3	.70	.02	.20	1	310
167328	2	47	24	84	.4	5	8	603	3.25	910	7	ND	68	88	.2	5	4	75	.37	.080	94	29	.15	56	.04	3	.73	.02	.13	1	200
167329	2	49	21	86	.4	6	8	751	3.02	768	8	ND	50	167	.2	4	3	34	.32	.058	82	24	.09	53	.01	6	.72	.01	.13	1	130
167330	6	63	23	107	.3	7	11	1056	3.84	833	7	ND	97	223	.2	5	4	65	.31	.072	107	28	.08	81	.02	4	.57	.02	.12	1	133
167331	3	61	24	69	.3	7	8	690	2.65	459	5	ND	115	65	.2	4	3	49	.28	.055	97	33	.09	60	.05	3	.34	.03	.12	1	75
167332	2	37	22	71	.3	5	6	490	2.41	588	5	ND	63	92	.2	2	4	60	.49	.078	95	35	.30	78	.07	2	.76	.04	.17	1	60
167333	2	57	22	64	.4	6	7	484	2.55	652	5	ND	54	119	.2	4	5	65	.62	.107	84	29	.49	59	.11	4	.67	.04	.16	1	157
167334	1	28	15	55	.3	7	7	461	2.19	608	5	ND	33	132	.2	2	5	62	.64	.135	77	25	.56	88	.11	2	.65	.04	.18	1	230
167335	2	33	24	76	.3	7	9	615	2.71	579	5	ND	43	134	.2	2	3	74	.62	.146	95	33	.47	132	.12	2	.78	.05	.22	1	34
167336	2	38	19	70	.4	6	6	578	2.75	436	5	ND	41	94	.2	2	4	66	.43	.083	80	29	.39	75	.11	2	.62	.04	.25	1	107
STANDARD C/AU-R	18	58	39	134	7.2	72	34	1055	4.05	43	17	6	37	51	18.5	15	19	55	.48	.092	37	59	.88	182	.09	34	1.91	.06	.15	12	460

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9110-021 330 FILE # 91-5073 Page

ACME ANALYTICAL

FROM ACME ANALYTICAL TO NORANDA YT

CLASSIC BCTR 91-CL-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
167337	4	41	25	102	.1	5	9	1091	3.16	655	5	ND	47	69	.3	2	2	65	.26	.067	75	44	.13	108	.04	3	.57	.03	.18	1	139
167338	2	51	19	105	.3	5	10	711	3.76	673	5	ND	60	90	.2	2	2	67	.35	.081	76	27	.14	52	.03	3	.69	.02	.13	1	145
167339	17	36	18	102	.4	12	11	801	3.21	958	5	ND	79	80	.3	2	2	54	.36	.076	104	240	.28	85	.06	6	.78	.03	.24	1	143
167340	3	52	28	144	.2	12	15	1023	4.52	2227	5	ND	72	117	.5	5	2	80	.48	.098	114	67	.42	122	.10	3	1.14	.02	.34	1	273
167341	4	45	25	94	.5	5	7	322	3.87	3054	5	ND	108	86	.2	5	3	52	.36	.081	108	27	.09	41	.01	3	.78	.02	.11	1	125
167342	5	97	35	154	.4	9	14	803	4.62	1313	7	ND	118	117	.2	7	2	69	.44	.123	124	31	.11	55	.01	6	.73	.01	.14	1	220
167343	2	94	23	59	.4	3	8	400	2.23	579	5	ND	128	105	.3	2	3	49	.50	.089	96	36	.36	79	.10	4	.48	.07	.19	1	252
167344	2	31	25	48	.1	10	8	632	1.76	336	5	ND	74	83	.2	2	2	47	.47	.092	94	66	.31	146	.10	6	.51	.07	.23	1	49
167345	2	39	20	43	.2	6	7	314	1.62	206	5	ND	35	153	.3	2	2	54	.63	.147	78	30	.26	93	.09	4	.32	.07	.16	1	47
167346	2	39	25	50	.2	5	7	397	1.67	248	5	ND	82	169	.2	2	2	55	.60	.145	92	30	.26	94	.10	5	.35	.06	.17	1	183
167347	1	46	36	70	.2	5	10	748	2.46	401	8	ND	90	172	.4	2	2	72	.63	.133	98	29	.37	78	.10	6	.60	.05	.14	1	82
167348	1	35	53	96	.7	6	11	776	2.74	511	5	ND	131	177	.6	5	2	81	.64	.132	101	29	.41	77	.08	4	.82	.04	.13	1	78
167349	2	75	55	143	.9	18	12	1072	3.97	1375	20	ND	133	152	.5	19	13	100	.60	.157	118	34	.27	97	.04	2	.87	.02	.09	1	378
167350	3	40	17	141	.2	15	13	409	3.72	794	27	ND	126	185	.2	9	4	108	.66	.154	110	47	.24	53	.07	4	.99	.02	.09	1	135
167351	4	37	24	120	.3	10	14	404	3.68	615	18	ND	129	213	.2	6	4	118	.77	.201	119	61	.32	56	.08	3	.85	.03	.10	1	140
167352	3	31	56	141	.3	12	20	822	5.75	1253	47	ND	157	172	1.0	21	3	137	.61	.133	146	33	.23	76	.07	2	1.02	.03	.11	1	133
167353	1	26	29	66	.5	7	10	424	2.88	477	17	ND	132	168	.7	6	4	84	.55	.126	108	26	.20	66	.08	3	.65	.04	.12	1	109
167354	1	35	20	111	.4	7	10	873	3.26	662	17	ND	139	167	.2	6	6	82	.58	.130	128	27	.25	119	.08	5	.72	.04	.14	1	210
167355	1	57	16	68	.2	7	9	722	2.59	295	11	ND	113	156	.2	2	2	67	.63	.125	97	32	.41	112	.13	7	.66	.05	.23	1	140
167356	1	66	21	67	.5	5	9	809	2.40	441	14	ND	120	187	.5	3	10	71	.65	.138	107	31	.33	122	.08	2	.62	.04	.15	1	165
167357	1	89	18	59	.5	5	7	450	1.99	210	8	ND	130	163	.2	2	3	58	.54	.114	104	24	.37	73	.08	2	.52	.05	.15	1	99
167358	2	28	17	108	.2	7	9	582	3.55	245	5	ND	88	131	.2	2	2	67	.55	.111	86	36	.60	44	.01	2	1.24	.01	.13	1	33
167359	1	19	24	113	.1	6	11	606	3.75	289	8	ND	93	158	.2	2	2	77	.68	.122	93	26	1.15	55	.02	2	1.55	.01	.14	1	33
167360	1	49	19	124	.6	7	12	595	3.92	404	14	ND	116	150	.4	3	2	76	.66	.121	97	33	.88	60	.01	2	1.50	.01	.15	1	123
167361	1	65	11	101	.1	6	10	792	3.53	320	12	ND	107	144	.2	2	5	68	.64	.120	89	30	.73	76	.03	2	1.16	.01	.16	1	81
167362	2	55	17	73	.4	6	9	582	2.82	275	16	ND	123	165	.3	2	13	66	.63	.130	98	34	.48	96	.08	6	.68	.06	.21	1	336
167363	1	61	18	63	.3	4	8	545	2.73	390	13	ND	129	171	.4	3	8	63	.64	.135	105	26	.40	87	.08	3	.61	.06	.18	1	23
167364	1	144	27	64	.5	5	8	556	2.89	612	19	ND	130	156	.5	8	16	65	.65	.139	97	30	.39	85	.09	4	.60	.05	.19	1	294
167365	1	49	21	68	.5	5	8	517	2.39	252	9	ND	124	164	.2	3	2	53	.62	.129	97	24	.54	70	.09	3	.57	.05	.15	1	152
167366	1	41	28	73	.2	6	8	528	2.85	226	14	ND	111	160	.2	2	6	55	.65	.121	89	24	.82	55	.09	2	.79	.03	.13	1	89
167367	4	111	18	93	.2	7	12	620	3.79	409	5	ND	80	173	.2	8	10	76	.57	.125	87	59	.56	58	.01	2	1.23	.01	.20	1	305
167368	2	33	20	65	.1	4	8	630	2.06	94	5	ND	84	186	.2	2	4	50	.64	.139	103	32	.65	76	.09	3	.55	.05	.15	1	79
RE 167364	2	139	29	62	.5	6	8	536	2.85	599	20	ND	118	148	.3	9	17	63	.65	.136	92	30	.38	78	.08	2	.58	.04	.18	1	305
167369	1	44	12	42	.3	5	6	312	1.56	148	6	ND	80	166	.2	2	3	40	.65	.142	85	25	.44	81	.09	4	.32	.06	.17	1	70
167370	4	45	30	62	.5	6	7	454	2.10	413	5	ND	44	46	.2	6	2	35	.33	.062	59	49	.16	91	.05	6	.53	.06	.17	1	99
167371	3	32	33	54	.2	5	5	299	1.58	200	5	ND	42	44	.2	2	3	31	.47	.086	63	42	.22	83	.08	6	.45	.07	.17	1	43
167372	4	24	34	82	.4	6	8	594	2.53	258	5	ND	53	61	.2	4	2	40	.57	.081	84	40	.12	74	.05	6	.38	.05	.18	1	60
STANDARD C/AU-R	20	60	43	133	7.6	70	33	1076	3.99	43	17	7	40	52	18.6	16	23	58	.49	.091	40	59	.88	176	.09	32	1.87	.06	.15	19	462

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

DCT-17-1991 14:12

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJ1 9110-021 330 **FILE # 91-5073** Page

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
167373	3	39	30	87	.5	7	8	629	2.90	322	8	ND	50	103	.4	3	2	49	1.00	.086	94	35	.29	75	.06	6	.52	.04	.15	1	50
167374	2	26	31	92	.3	8	8	746	3.16	258	5	ND	53	63	.3	2	2	66	.58	.081	93	34	.46	119	.05	2	.90	.03	.16	1	290
167375	2	53	26	83	.7	7	8	563	3.00	1602	8	ND	51	66	.2	5	6	53	.37	.073	89	32	.15	61	.05	4	.54	.02	.15	1	320
167376	2	58	20	77	.4	6	8	639	2.83	1409	7	ND	40	58	.3	5	7	47	.37	.071	83	44	.14	70	.06	3	.52	.03	.21	1	400
167377 BCTR 91-CL-1	2	81	21	90	.4	6	8	601	3.19	1848	5	ND	25	77	.4	5	9	54	.42	.066	76	34	.11	95	.06	5	.40	.03	.22	1	310
167378	4	43	30	78	.7	8	10	603	3.12	2114	9	ND	89	75	.2	5	8	53	.60	.072	99	36	.16	69	.04	6	.52	.02	.14	1	290
RE 167377	2	83	22	91	.4	6	8	609	3.27	1800	5	ND	26	78	.2	5	9	55	.42	.067	77	32	.12	96	.06	5	.40	.03	.22	1	310
167379	2	77	28	92	.6	8	10	688	3.37	2113	8	ND	56	144	.4	8	6	55	.62	.084	102	26	.14	107	.02	5	.53	.02	.14	1	360
STANDARD C/AU-R	17	61	43	134	7.3	72	33	1056	4.02	42	18	7	40	53	17.0	16	18	60	.50	.092	39	59	.88	180	.09	35	1.91	.06	.15	11	480

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

OCT-17-1991 14:57 FROM ACME ANALYTICAL TO NORANDA YT

ACME ANALYTICAL LABORATORIES LTD. ... PHONE ... FAX ...

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9110-021 330 File # 91-5073 Page 1

1050 Davie St., Vancouver BC V6E 1M6

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
166401	2	25	43	115	.1	10	9	722	3.16	265	22	ND	112	91	.3	2	2	50	.39	.068	90	30	.28	72	.02	9	.99	.03	.12	1	112
166402	2	84	38	93	.1	5	6	397	2.97	335	18	ND	82	72	.2	2	2	40	.33	.055	73	35	.21	55	.01	2	.92	.03	.12	1	73
RE 166407	1	40	24	95	.1	10	9	417	3.52	457	14	ND	75	205	.3	3	2	45	.31	.066	79	27	.17	127	.01	3	.99	.01	.10	1	82
166403	1	56	32	96	.1	9	8	630	3.40	228	19	ND	69	98	.6	2	2	43	.37	.059	79	29	.26	65	.01	3	1.07	.03	.12	1	48
166404	2	45	38	98	.1	6	7	558	3.18	238	17	ND	79	77	.2	2	2	38	.35	.058	78	39	.21	67	.01	3	1.04	.03	.13	1	55
166405	2	25	31	95	.2	9	10	428	3.31	246	16	ND	55	87	.2	2	2	44	.41	.074	95	30	.27	47	.01	2	1.19	.02	.12	1	51
166406	3	122	31	96	.2	11	11	629	3.87	533	10	ND	60	100	.2	4	2	38	.29	.068	72	31	.13	70	.01	5	.76	.02	.11	1	69
166407	2	40	28	98	.2	10	10	433	3.67	480	19	ND	77	212	.2	4	3	47	.32	.069	82	28	.17	129	.01	2	1.02	.01	.11	1	46
166408	2	54	25	87	.1	11	9	940	3.53	446	14	ND	68	201	.2	2	3	43	.31	.064	76	32	.16	134	.01	4	.92	.01	.11	1	94
166409	2	83	29	88	.3	10	10	300	3.74	618	11	ND	64	273	.2	5	2	50	.32	.064	88	38	.20	162	.01	4	1.15	.01	.15	1	97
166410	4	52	38	87	.1	10	11	1138	3.73	963	21	ND	47	272	.2	4	2	51	.17	.046	59	27	.08	183	.01	3	.77	.01	.08	1	64
166411	7	55	23	49	.1	6	6	242	1.37	459	11	ND	33	419	.2	2	2	38	.07	.046	43	36	.03	339	.01	5	.68	.01	.06	1	121
166412	10	131	24	189	.5	21	21	1476	7.55	1151	22	ND	39	568	.2	9	5	92	.09	.089	54	32	.03	630	.01	5	.63	.01	.07	1	149
166413	2	131	28	159	.1	20	18	1183	4.81	1269	5	ND	52	506	.2	4	3	83	.13	.085	69	35	.06	606	.01	5	.68	.01	.11	1	33
166414	2	65	19	126	.1	20	19	1096	4.77	926	12	ND	31	297	.2	3	2	86	.38	.203	83	37	.08	383	.01	6	.64	.01	.13	1	103
166415	2	68	18	124	.2	16	20	1230	5.03	1021	9	ND	32	286	.3	5	7	98	.44	.207	87	39	.10	340	.01	12	.72	.01	.13	1	49
166416	2	42	15	122	.1	18	17	1155	4.63	1075	12	ND	39	241	.2	7	4	81	.46	.186	83	38	.13	191	.01	5	.83	.01	.16	1	46
166417	2	36	33	111	.1	12	12	761	4.05	1172	15	ND	89	203	.2	6	3	63	.34	.103	97	31	.13	134	.01	4	1.04	.01	.15	1	47
166418	1	16	20	91	.1	5	8	677	3.14	499	15	ND	112	79	.2	2	2	44	.40	.072	94	23	.23	71	.02	4	1.20	.03	.11	1	22
166419	2	24	28	85	.1	6	8	401	2.89	455	19	ND	110	81	.2	2	4	54	.48	.090	89	38	.25	75	.05	4	1.04	.04	.14	1	50
166420	2	44	26	92	.1	9	9	803	3.35	633	16	ND	120	78	.2	2	6	56	.56	.097	99	42	.35	68	.06	2	1.24	.03	.11	1	263
166421	3	97	27	118	.3	12	15	908	4.38	1248	25	ND	72	307	.2	7	4	73	.43	.094	102	45	.30	355	.02	7	1.42	.02	.14	1	36
166422	3	170	29	109	.1	11	12	356	4.14	1530	32	ND	52	399	.2	8	5	75	.24	.065	66	41	.15	426	.01	9	.97	.01	.11	1	77
166423	3	166	26	126	.1	12	16	542	4.15	1235	33	ND	68	535	.2	7	6	85	.24	.086	76	42	.15	700	.01	9	1.21	.01	.16	1	87
166424	3	72	23	142	.2	17	27	886	4.90	1167	36	ND	46	443	.4	11	5	99	.42	.125	80	47	.23	473	.01	6	1.24	.01	.16	1	59
166425	2	52	19	113	.1	10	13	662	3.81	902	16	ND	65	230	.2	4	4	73	.49	.109	90	42	.33	210	.01	4	1.19	.01	.14	1	28
166426	2	33	32	109	.1	8	8	180	4.10	1510	15	ND	121	108	.2	6	3	66	.62	.116	129	41	.38	46	.01	3	1.67	.02	.11	1	12
166427	3	37	30	95	.1	8	12	849	3.47	662	12	ND	89	107	.2	3	4	51	.50	.081	105	50	.36	65	.01	3	1.52	.02	.10	1	56
166428	2	33	20	95	.1	6	8	271	3.20	538	14	ND	110	114	.2	2	6	49	.49	.082	101	36	.35	78	.01	3	1.56	.02	.15	1	10
166429	2	53	26	92	.1	9	9	424	3.49	866	19	ND	79	266	.2	3	7	54	.33	.066	73	37	.23	161	.01	10	1.21	.01	.15	1	89
166430	2	33	25	92	.1	7	7	229	2.70	601	11	ND	76	298	.2	3	3	61	.29	.066	83	32	.16	173	.01	3	.85	.01	.11	1	80
166431	2	42	20	82	.1	9	7	421	2.73	576	8	ND	77	361	.2	4	3	50	.25	.061	84	39	.19	270	.01	6	.90	.01	.12	1	106
166432	2	48	22	104	.1	11	12	472	3.72	745	16	ND	66	331	.2	5	4	67	.36	.097	90	38	.28	278	.01	4	1.04	.01	.13	1	61
166433	2	63	24	126	.1	14	17	712	4.54	881	23	ND	44	375	.2	7	5	83	.43	.148	98	38	.26	392	.01	7	.99	.01	.15	1	18
166434	1	72	25	118	.1	13	17	771	4.36	756	15	ND	46	333	.2	6	3	78	.54	.134	88	33	.42	249	.01	5	1.30	.01	.14	1	41
166435	1	187	9	107	.1	14	14	513	4.56	644	23	ND	49	291	.2	6	8	83	.59	.174	84	34	.44	209	.01	5	1.16	.01	.15	1	37
166436	1	115	17	109	.1	9	11	459	4.41	646	14	ND	39	314	.2	2	6	72	.63	.120	78	33	.65	158	.01	2	1.51	.01	.14	1	38
STANDARD C/AU-R	20	59	43	131	7.3	70	32	1054	3.93	42	20	6	39	52	18.6	15	23	56	.48	.088	39	58	.87	175	.09	33	1.89	.06	.15	11	472

CLASSIC BCTR 91-CL-2

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 16 1991 DATE REPORT MAILED: Oct 17/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJ: 9110-021 330 FILE # 91-5073 Page

ACME ANALYTICAL

BCTR 91-CL-2

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
166437	1	76	30	104	.6	10	7	816	3.57	551	5	ND	75	294	.2	6	2	55	.40	.050	71	27	.40	120	.01	3	1.56	.01	.11	1	52
166438	2	57	21	92	.3	7	8	389	3.73	698	11	ND	65	102	.2	5	3	58	.51	.085	85	26	.28	47	.01	2	1.58	.02	.10	1	77
RE 166443	2	19	21	75	.3	9	7	749	2.73	371	12	ND	85	69	.2	4	8	50	.44	.085	94	35	.23	76	.05	3	.93	.05	.17	1	154
166439	1	28	27	85	.5	6	6	334	2.88	428	15	ND	80	72	.2	4	4	49	.49	.088	110	21	.25	52	.03	2	1.07	.03	.13	1	93
166440	1	75	21	80	.3	6	9	360	3.56	712	12	ND	65	77	.2	5	5	58	.49	.085	105	23	.26	56	.02	3	1.30	.03	.13	1	69
166441	1	20	28	88	.2	7	6	352	2.98	399	10	ND	73	82	.2	5	9	57	.51	.091	106	32	.30	75	.05	2	1.21	.05	.18	1	165
166442	2	15	22	75	.4	7	6	504	2.53	298	10	ND	79	72	.2	4	5	45	.51	.084	102	33	.34	64	.07	3	1.03	.05	.15	1	94
166443	2	20	24	76	.3	8	7	750	2.72	373	13	ND	84	68	.2	5	8	50	.43	.085	96	32	.23	74	.05	5	.92	.05	.17	1	178
166444	2	18	19	61	.2	5	5	379	2.08	249	5	ND	45	55	.2	3	3	40	.43	.080	76	31	.21	64	.06	2	.73	.06	.17	1	72
166445	2	59	82	96	.6	7	7	482	3.07	876	13	ND	45	133	.2	15	22	52	.37	.068	60	41	.19	71	.02	4	.85	.03	.13	1	1150
166446	2	25	18	88	.3	9	12	858	3.57	1087	8	ND	56	85	.2	8	14	49	.55	.090	92	32	.31	70	.04	2	1.27	.03	.13	1	540
166447	1	22	22	79	.6	7	9	693	3.16	715	10	ND	65	86	.2	6	14	49	.54	.097	81	30	.35	64	.05	3	1.24	.03	.13	1	660
166448	1	21	25	81	.4	6	8	550	2.98	506	5	ND	53	81	.2	5	4	46	.47	.073	78	31	.33	53	.03	3	1.22	.03	.13	1	280
166449	1	18	21	75	.2	6	6	524	2.56	325	6	ND	47	62	.2	4	3	43	.42	.076	79	28	.27	50	.03	2	1.06	.03	.14	1	126
166450	2	20	26	75	.2	7	7	467	2.93	576	10	ND	55	63	.2	7	8	45	.44	.081	84	30	.27	53	.03	2	1.10	.03	.13	1	350
166451	1	19	21	88	.2	7	7	465	3.19	715	7	ND	51	76	.2	5	5	49	.47	.079	81	29	.35	54	.02	3	1.37	.02	.14	1	250
166452	1	28	29	94	.4	6	7	734	3.02	518	7	ND	62	74	.2	6	6	46	.50	.080	79	32	.35	81	.05	2	1.32	.04	.14	1	270
166453	2	28	24	65	.4	6	4	247	2.14	267	10	ND	62	69	.2	5	5	37	.51	.081	74	39	.32	81	.10	2	1.02	.07	.22	1	194
166454	2	30	21	81	.3	9	8	2096	3.09	633	8	ND	61	80	.2	10	5	46	.46	.072	81	36	.31	173	.03	2	1.17	.04	.20	1	310
166455	1	34	22	80	.2	7	6	524	2.66	458	6	ND	44	64	.2	8	2	38	.45	.078	74	30	.24	60	.02	3	1.01	.03	.17	1	160
166456	2	19	23	71	.2	6	6	470	2.39	259	5	ND	43	61	.2	4	3	38	.53	.081	73	34	.36	70	.08	4	.89	.06	.17	1	118
166457	1	23	27	73	.2	6	6	387	2.38	254	5	ND	39	68	.2	4	2	39	.52	.079	80	30	.43	54	.06	5	1.10	.04	.14	1	127
166458	1	17	24	90	.2	7	7	421	2.54	498	5	ND	34	67	.2	11	2	40	.48	.085	69	30	.26	65	.03	6	.95	.04	.17	1	160
166459	1	18	20	93	.2	8	6	563	2.91	613	8	ND	42	94	.2	22	2	42	.48	.095	60	29	.21	64	.02	5	1.02	.03	.16	1	63
166460	1	22	29	102	.1	7	6	355	3.01	441	5	ND	59	100	.2	8	2	39	.46	.082	76	26	.25	45	.01	4	1.06	.02	.15	1	87
166461	1	25	20	88	.2	7	7	369	2.66	424	9	ND	76	95	.2	6	2	37	.43	.079	90	27	.22	45	.01	4	.85	.03	.15	1	82
166462	1	25	28	79	.3	6	6	409	2.15	331	10	ND	70	76	.2	7	2	39	.47	.080	84	27	.26	54	.06	3	.72	.04	.17	1	103
166463	1	30	21	97	.3	8	8	279	3.35	848	9	ND	61	104	.2	14	2	42	.54	.082	103	26	.40	47	.01	2	1.57	.02	.14	1	77
166464	3	51	26	74	.3	8	14	451	3.79	2150	19	ND	57	127	.2	14	9	58	.57	.086	88	36	.42	56	.02	2	1.56	.02	.18	1	310
166465	1	71	16	99	.3	8	7	220	3.92	1596	14	ND	58	111	.2	8	5	71	.62	.105	88	27	.46	38	.04	2	1.53	.01	.12	1	139
166466	1	56	19	94	.3	9	9	588	3.61	1032	9	ND	52	103	.2	7	3	63	.59	.083	70	29	.50	54	.05	2	1.67	.02	.12	1	133
166467	1	44	19	89	.2	10	8	875	3.68	907	11	ND	51	104	.2	8	6	59	.61	.083	89	30	.54	62	.07	2	1.68	.02	.13	1	119
166468	1	54	24	73	.2	7	7	569	3.46	1206	9	ND	56	91	.2	7	11	52	.56	.082	71	30	.48	69	.08	2	1.30	.03	.16	1	320
166469	1	77	26	63	.4	6	6	354	2.84	576	9	ND	54	81	.2	9	11	55	.51	.079	82	29	.53	57	.08	2	1.32	.03	.16	1	240
166470	1	78	31	61	.3	6	7	592	2.59	153	5	ND	55	83	.2	3	6	39	.54	.081	72	29	.58	80	.10	4	.99	.05	.19	1	109
166471	3	85	30	86	.2	9	11	1014	2.83	563	7	ND	56	67	.2	10	6	53	.51	.096	86	41	.30	70	.01	5	1.35	.01	.21	1	113
STANDARD C/AU-R	19	58	39	133	7.0	70	32	1045	3.99	39	15	7	38	52	18.9	15	19	57	.48	.090	40	58	.90	177	.09	32	1.90	.06	.15	12	510

Sample type: ROCK PULP. Samples beginning 'RE' are duplicate samples.

CLASSIC
BCTR: 91-CL-3

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	Hg ppb
141930	6	45	30	182	.3	56	15	196	3.85	35	5	ND	12	127	1.0	9	2	57	.27	.036	11	40	.49	619	.01	7	2.02	.02	.24	6	11	215
141931	5	33	44	233	.2	62	21	631	3.77	568	5	ND	11	107	1.2	302	2	67	.31	.064	37	45	.37	1711	.01	8	1.54	.01	.25	2	310	1000
141932	3	19	454	130	8.6	22	17	1172	4.33	540	5	ND	15	104	.6	98	2	56	1.76	.096	47	37	.22	898	.02	4	.94	.01	.14	2	119	3700
141933	2	245	1278	120	360.3	15	13	1733	4.04	156	5	ND	16	59	.9	183	3	91	.63	.104	48	59	1.00	1403	.16	3	1.90	.03	.47	1	52	1250
141934	4	18	92	111	1.6	12	12	683	3.27	36	5	ND	16	121	.4	13	2	88	1.34	.105	52	63	.87	2285	.12	6	1.78	.03	.41	2	6	570
RE 141939	3	18	68	169	3.6	11	12	892	3.22	1068	5	ND	14	74	1.1	25	2	55	2.32	.105	53	36	.25	725	.04	8	.83	.01	.20	1	780	2950
141935	3	40	174	113	41.7	11	10	756	3.03	67	5	ND	15	104	.6	26	2	80	3.59	.100	48	55	.69	1387	.11	6	1.70	.03	.36	1	15	780
141936	4	16	48	123	.7	13	13	1047	3.66	1102	5	ND	16	125	1.0	13	6	67	1.87	.087	48	54	.23	866	.02	13	1.07	.01	.12	1	540	3350
141937	3	22	62	117	6.7	15	12	1106	4.15	1036	5	ND	15	135	.6	17	2	57	1.88	.064	39	43	.20	836	.02	14	.94	.01	.11	1	240	3350
141938	4	17	78	113	.8	12	11	927	3.61	1007	5	ND	17	122	.5	45	2	51	2.19	.096	52	38	.11	656	.01	16	.78	.01	.11	2	510	2750
141939	3	18	78	146	4.8	11	10	835	3.49	1257	5	ND	17	89	1.5	29	2	57	2.88	.100	53	40	.29	837	.04	13	.96	.01	.25	1	760	2900
141940	4	17	43	107	.6	13	14	783	3.20	870	7	ND	16	90	.7	17	2	71	2.08	.099	50	53	.41	761	.09	9	1.29	.02	.38	2	690	1850
141941	3	31	123	214	3.3	26	16	1578	4.21	1424	5	ND	22	166	3.5	47	4	23	2.31	.090	64	30	.12	783	.01	15	.60	.01	.17	2	310	2400
141942	4	25	76	157	1.1	20	13	1435	3.62	551	5	ND	18	147	1.6	29	2	48	2.30	.104	54	46	.52	463	.08	14	.97	.02	.41	2	160	615
141943	4	28	46	141	2.7	18	15	941	3.74	665	5	ND	17	120	1.1	27	2	64	2.67	.091	48	52	.21	748	.02	11	.93	.01	.14	3	220	3700
STANDARD C/AU-R	21	62	42	130	7.5	73	32	1023	3.90	40	21	7	39	52	19.0	18	20	59	.45	.089	40	57	.87	176	.09	33	1.87	.06	.15	12	490	1600

S. GOLDEN BCTR 91-G16

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-058 330 File # 91-4375 Page 1

1050 Davie St., Vancouver BC V6E 1N4

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	Hg ppb
R145234	12	35	18	101	.2	24	6	45	2.52	474	5	ND	7	54	.2	138	2	29	.19	.014	5	23	.05	668	.01	8	.50	.01	.21	1	26	3750
R145235	12	19	18	44	.4	17	3	21	1.15	291	5	ND	5	66	.2	69	2	20	.20	.011	5	48	.06	670	.01	9	.38	.01	.20	1	16	3500
R145236	17	14	21	28	.3	18	2	11	1.14	169	5	ND	6	54	.2	65	2	21	.18	.012	6	39	.05	597	.01	10	.42	.01	.21	1	8	3200
RE R145240	13	16	17	70	.3	15	3	17	1.27	211	5	ND	4	70	.2	58	2	27	.20	.011	5	30	.05	604	.01	9	.35	.01	.17	1	27	3750
R145237	15	26	21	44	.2	11	2	14	1.96	311	6	ND	5	43	.2	53	2	27	.20	.012	5	35	.05	604	.01	9	.41	.01	.17	1	9	2550
R145238	15	28	16	58	.1	13	3	16	1.71	221	5	ND	4	57	.2	45	2	24	.20	.013	5	31	.04	549	.01	10	.36	.01	.17	1	5	2300
R145239	13	21	19	71	.2	19	4	35	2.02	246	5	ND	5	62	.2	50	2	25	.18	.013	5	26	.04	624	.01	10	.36	.01	.17	1	4	2400
R145240	12	15	16	65	.3	14	3	17	1.16	193	5	ND	4	62	.2	63	2	25	.18	.010	5	28	.04	534	.01	8	.32	.01	.16	1	21	3700
R145241	13	17	22	61	.3	14	3	32	1.62	418	5	ND	4	112	.3	92	2	28	.21	.012	6	17	.05	542	.01	10	.39	.01	.23	1	49	4050
R145242	11	13	15	43	.4	11	2	28	1.27	287	5	ND	4	91	.2	58	2	24	.17	.010	5	27	.05	502	.01	9	.38	.01	.21	1	48	3800
R145243	9	18	16	61	.7	15	3	32	1.11	382	5	ND	4	91	.5	53	2	21	.16	.009	8	44	.04	472	.01	10	.42	.01	.21	1	290	2950
R145244	8	74	16	99	.6	27	6	72	1.81	1044	6	ND	5	128	.9	114	2	20	.13	.006	6	56	.04	342	.01	9	.50	.01	.22	1	740	2200
R145245	6	73	22	152	1.5	32	8	77	2.41	794	5	ND	6	64	2.2	3437	2	27	.14	.009	13	36	.04	320	.01	8	.43	.01	.15	1	360	2800
R145246	4	61	28	433	1.8	53	13	176	2.82	870	5	ND	8	50	9.9	18069	2	25	.17	.016	28	31	.02	569	.01	8	.58	.01	.09	1	420	2300
R145247	5	28	30	445	3.0	34	9	94	2.66	590	5	ND	9	46	4.5	18592	2	23	.13	.017	31	24	.02	504	.01	10	.47	.01	.08	1	320	2650
R145248	3	90	4	493	17.6	36	5	50	1.89	168	5	ND	1	66	19.9	36582	2	22	.30	.016	14	41	.02	74	.01	9	.49	.01	.08	1	430	4150
R145249	9	108	39	730	12.0	67	12	458	3.84	955	5	ND	12	68	3.5	6585	2	27	.12	.052	38	24	.03	642	.01	9	.67	.01	.11	1	260	2400
R145250	9	22	35	701	1.5	62	12	387	4.16	1812	5	ND	12	58	1.7	869	7	30	.09	.035	39	26	.03	617	.01	10	.62	.01	.12	1	290	975
R145251	8	18	40	542	.6	50	10	261	3.98	1445	5	ND	11	48	1.5	984	3	30	.09	.026	32	26	.04	543	.01	10	.54	.01	.12	1	210	1500
R148145	5	15	36	484	.5	46	8	411	3.10	1500	5	ND	8	32	.8	219	2	22	.07	.016	26	25	.02	377	.01	8	.35	.01	.09	1	280	1100
R148146	9	22	46	577	1.0	46	8	380	4.03	3108	5	ND	10	40	1.7	276	7	25	.11	.021	33	38	.03	717	.01	9	.43	.01	.11	1	460	2050
R148147	8	18	47	490	1.0	42	9	567	3.76	3425	5	ND	9	48	1.9	249	2	26	.12	.022	31	40	.03	1661	.01	12	.49	.01	.13	1	540	2400
R148148	8	16	35	770	.6	72	13	600	3.95	2026	5	ND	10	51	1.1	140	5	29	.09	.023	33	39	.04	2153	.01	12	.54	.01	.13	1	410	1800
R148149	6	18	36	719	.5	69	14	585	4.10	2088	5	ND	11	52	.7	177	2	28	.11	.026	33	35	.04	1214	.01	10	.56	.01	.14	1	550	1950
R148150	5	19	40	563	.2	58	16	627	4.03	1162	5	ND	11	50	.7	103	4	27	.09	.025	34	30	.05	603	.01	8	.56	.01	.13	1	220	1550
R148151	4	17	41	468	.2	55	16	760	3.72	424	5	ND	12	52	.5	111	2	32	.06	.029	31	36	.05	770	.01	9	.66	.01	.12	1	35	2600
R148152	4	19	43	355	.1	42	18	1102	3.91	272	5	ND	12	52	.5	101	2	33	.07	.031	32	38	.06	746	.01	7	.70	.01	.12	1	33	1750
R148153	4	18	41	299	.2	36	17	982	3.68	316	5	ND	12	49	.9	96	5	30	.07	.031	30	31	.06	733	.01	7	.65	.01	.11	1	58	945
R148154	3	16	34	294	.1	34	16	1030	3.41	139	5	ND	12	46	1.0	73	2	28	.06	.029	31	27	.05	712	.01	3	.55	.01	.10	1	26	930
R148155	4	19	40	206	.2	32	16	927	3.96	672	5	ND	11	47	1.6	70	4	31	.12	.028	31	29	.08	562	.01	7	.60	.01	.12	1	94	3700
R148156	4	18	38	246	.3	33	17	1139	4.17	588	5	ND	11	45	1.2	95	2	34	.14	.022	27	30	.06	521	.01	7	.62	.01	.12	1	100	3350
R148157	6	20	37	201	.3	31	14	1056	4.08	1304	5	ND	11	53	.9	74	5	37	.10	.025	33	37	.06	688	.01	5	.70	.01	.13	1	250	3250
R148158	9	21	47	317	.2	41	16	1023	3.81	265	5	ND	14	53	.7	133	2	35	.07	.035	38	41	.06	759	.01	6	.62	.01	.10	1	29	1000
R148159	7	21	42	284	.2	37	16	935	3.77	500	5	ND	13	58	1.2	108	2	35	.08	.036	39	34	.06	745	.01	7	.57	.01	.11	1	76	1950
R148160	6	21	38	254	.3	36	17	1021	3.82	95	5	ND	15	48	.6	83	2	47	.09	.033	37	50	.09	748	.01	7	.80	.01	.11	1	19	1400
R148161	5	22	40	290	.1	34	16	784	4.23	110	5	ND	15	50	.3	85	2	40	.07	.037	37	36	.08	724	.01	5	.71	.01	.11	1	18	900
R148162	8	23	37	265	.1	35	16	963	4.21	166	5	ND	14	58	.5	113	2	38	.08	.041	38	60	.09	786	.01	7	.70	.01	.11	1	8	1100
STANDARD C/AU-R	19	58	40	133	7.4	71	31	1042	3.98	41	18	7	40	52	18.4	17	21	54	.48	.090	38	58	.88	177	.09	33	1.88	.06	.15	11	450	1700

BOTR-91-C5 CANADIAN.

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 11 1991 DATE REPORT MAILED: Sept 18/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
R148163	7	23	37	301	.1	35	16	1211	4.28	169	5	ND	13	100	.7	169	2	42	.20	.061	40	20	.12	1566	.01	6	.96	.01	.12	1	1	935
R148164	11	24	47	327	.1	48	18	1269	5.10	567	5	ND	12	88	1.3	397	2	45	.10	.061	43	22	.09	1459	.01	8	.92	.01	.13	1	3	700
R148165	10	22	46	352	.3	51	16	714	4.52	191	5	ND	14	72	1.0	243	2	45	.22	.105	48	33	.17	1368	.02	7	1.08	.01	.20	1	9	715
R148166	12	24	45	421	.2	59	18	1132	4.60	371	5	ND	13	75	1.5	359	2	45	.16	.081	41	25	.08	1272	.01	8	.88	.01	.13	2	7	635
R148167	14	27	52	412	.1	64	22	1734	5.08	544	5	ND	11	91	2.0	411	2	48	.13	.070	41	38	.10	1640	.01	5	.98	.01	.16	1	28	855
R148168	9	42	27	412	.2	73	15	581	3.79	379	5	ND	7	68	1.6	235	2	49	.15	.065	27	12	.07	1270	.01	10	.80	.01	.18	2	26	655
R148169	12	52	23	359	.4	59	11	626	3.47	952	5	ND	5	105	1.8	173	2	77	.21	.058	15	1	.07	2474	.01	11	.91	.01	.23	1	17	1900
R148170	11	30	29	359	.4	52	11	379	3.77	1188	5	ND	8	132	2.1	549	2	85	.19	.093	26	8	.08	2428	.01	8	1.01	.01	.18	1	48	1350
R148171	12	40	28	286	.9	44	10	280	3.39	1431	5	ND	8	242	3.3	658	2	139	.20	.200	25	1	.07	4221	.01	11	1.06	.01	.15	2	75	2550
R148172	21	146	23	357	2.9	70	13	332	2.61	714	5	ND	6	677	5.3	756	2	341	.26	.647	26	1	.05	10047	.01	9	1.26	.01	.12	3	33	12000
R148173	19	104	47	558	1.9	78	10	185	3.37	242	5	ND	13	255	5.6	398	2	142	.17	.220	43	34	.05	4002	.01	4	1.10	.01	.19	3	41	7400
RE R148170	11	29	30	354	.5	52	11	361	3.68	1159	5	ND	9	130	2.2	539	2	84	.19	.092	26	10	.08	2351	.01	11	.99	.01	.17	1	39	1200
R148174	16	56	51	906	.8	103	17	795	4.49	408	5	ND	16	173	6.8	538	2	82	.13	.143	52	2	.05	2706	.01	5	.99	.01	.19	4	52	2350
STANDARD C/AU-R	17	56	37	133	6.7	71	31	1050	3.98	41	18	6	36	54	18.5	14	18	55	.50	.091	37	59	.88	177	.09	34	1.90	.06	.15	13	460	1600

BETR 91-C-5

Samples beginning 'RE' are duplicate samples.

SEP-18-1991 16:35 FROM ACME ANALYTICAL TO NORANDA YT P.003/003

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

GEOCHEMICAL ANALYSIS CERTIFICATE Bowsey (KH)

Noranda Exploration Co. Ltd. PROJECT 9109-041 330-J3 File # 91-4188 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
R145101	23	86	40	259	1.2	63	6	85	2.93	53	7	ND	3	216	3.1	31	2	176	.12	.085	15	41	.09	98	.01	9	1.65	.03	.63	2	9	4150
R145102	27	89	22	170	.8	45	9	129	3.07	52	7	ND	3	183	2.7	27	2	136	.09	.062	15	48	.11	59	.01	12	.85	.02	.51	1	8	5750
R145103	35	107	21	276	.7	60	5	116	5.68	135	7	ND	4	159	2.1	123	2	211	.06	.103	16	44	.05	53	.01	10	.78	.02	.59	1	29	3200
R145104	23	111	74	583	1.6	101	22	971	6.29	2180	11	ND	26	211	9.4	249	2	188	.09	.119	53	39	.04	82	.01	9	.88	.01	.41	4	1585	10000
R145105	19	108	33	850	.8	122	25	1140	5.44	669	7	ND	18	169	3.6	128	2	170	.09	.086	35	54	.04	160	.01	8	.67	.01	.22	4	241	4000
R145106	9	55	16	692	.1	172	31	1405	5.61	258	5	ND	18	58	3.3	98	2	57	.23	.138	64	44	.06	1763	.01	11	.85	.01	.29	3	68	2300
R145107	10	46	27	648	.3	134	33	1582	5.74	646	5	ND	17	77	3.3	168	2	42	.08	.055	49	35	.06	2035	.01	14	.76	.01	.27	3	86	2050
R145108	10	48	24	635	.4	98	23	642	5.48	798	5	ND	19	99	2.5	285	2	47	.06	.057	48	26	.04	1201	.01	10	.59	.01	.24	3	122	3350
R145109	9	87	53	491	.7	86	22	845	5.65	630	11	ND	33	210	2.9	102	2	122	.17	.153	91	26	.09	1180	.02	7	.85	.01	.29	2	167	3750
R145110	14	100	87	561	.4	97	26	1211	6.74	1209	11	2	45	289	8.3	131	2	136	.33	.277	122	24	.25	818	.06	5	.88	.01	.52	3	1197	4600
R145111	10	63	34	148	1.7	34	8	247	4.33	253	5	ND	8	174	1.9	86	2	98	.10	.048	21	19	.05	48	.01	10	.56	.01	.74	1	101	6400
R145112	6	68	22	85	.6	27	4	129	3.34	129	5	ND	4	175	.6	70	2	55	.12	.035	10	20	.06	79	.01	16	.70	.01	.71	1	58	4750
R145113	8	94	29	312	.8	81	22	1106	4.60	1623	5	ND	21	142	5.5	130	2	60	.13	.053	44	19	.05	1488	.01	8	.61	.01	.23	2	263	5500
R145114	5	42	23	241	.2	82	19	943	4.91	164	5	ND	26	130	1.4	37	2	75	.81	.169	72	36	.40	1840	.10	9	.95	.02	.67	1	39	2050
R145115	3	84	52	385	.3	58	22	1121	6.41	117	5	ND	29	419	2.2	20	3	130	.85	.555	95	21	1.00	1676	.29	7	1.16	.03	1.33	1	19	780
R145116	7	67	24	870	.4	189	42	1642	7.79	254	5	ND	25	124	3.2	45	3	108	.24	.148	69	75	.64	817	.18	8	1.28	.03	.90	3	34	1150
R145117	5	96	22	698	.4	172	39	1371	9.69	168	5	ND	11	79	4.3	27	2	139	.40	.170	36	255	1.36	1247	.25	7	1.79	.02	1.03	2	29	1550
R145118	4	135	8	937	.5	227	50	1338	9.59	762	5	ND	11	105	5.9	35	2	152	.40	.155	32	295	1.57	1672	.27	5	2.19	.02	1.07	3	231	5750
R145119	5	104	14	831	.3	139	37	1302	7.48	443	5	ND	17	109	4.1	29	3	117	.32	.147	48	153	.88	1480	.16	4	1.65	.01	.68	3	525	1100
RE R145115	3	82	51	380	.3	57	21	1092	6.24	116	5	ND	28	407	2.3	19	4	126	.82	.535	93	20	.97	1632	.29	5	1.13	.03	1.23	1	19	675
R145120	5	79	18	661	.1	120	34	1676	7.40	185	5	ND	21	72	5.8	40	2	57	.32	.189	70	33	.17	1049	.02	6	.90	.01	.26	2	38	1000
R145121	8	78	23	484	.2	98	25	1109	5.73	280	5	ND	18	93	5.2	31	2	68	.22	.115	52	40	.13	975	.01	9	.85	.01	.28	2	49	3300
R145122	16	77	15	612	.5	149	19	600	4.56	564	5	ND	6	169	7.1	48	2	125	.15	.088	18	29	.05	534	.01	10	.90	.01	.25	3	22	8400
R145123	18	87	14	542	.4	132	19	493	4.40	601	5	ND	4	84	6.6	34	4	91	.12	.050	14	9	.04	937	.01	8	.58	.01	.14	3	23	7150
R145124	16	49	12	218	.4	72	8	202	2.28	245	5	ND	2	85	4.2	22	2	54	.09	.026	9	18	.03	396	.01	8	.40	.01	.13	1	20	6650
R145125	16	59	13	321	.5	102	10	378	2.57	92	7	ND	2	85	4.4	44	2	76	.10	.032	7	26	.05	804	.01	11	.66	.01	.17	2	35	6600
R145126	17	65	18	376	.4	120	16	389	3.01	76	5	ND	4	104	4.4	32	2	93	.14	.041	10	40	.13	606	.01	12	.73	.01	.23	2	10	11000
R145127	17	50	16	265	.3	104	11	234	2.43	48	5	ND	3	130	3.3	16	2	78	.16	.052	8	1	.07	2725	.01	15	.82	.01	.27	1	8	17000
R145128	17	57	16	308	.5	115	13	253	2.67	37	6	ND	4	96	3.2	18	2	80	.17	.054	7	3	.07	1974	.01	14	.72	.01	.24	1	7	19000
R145129	21	59	16	236	.6	80	10	209	2.86	86	10	ND	3	190	2.3	41	2	88	.12	.049	10	62	.15	142	.01	12	.83	.01	.30	1	24	11000
R145130	12	64	17	258	.7	76	19	754	3.68	798	5	ND	9	127	3.1	52	5	85	.16	.066	26	75	.31	410	.04	7	.81	.01	.27	1	49	5350
R145131	14	38	16	134	.5	35	6	124	2.31	48	5	ND	3	149	.9	31	2	80	.11	.041	12	46	.12	109	.01	11	.66	.01	.32	1	13	11000
R145132	18	28	15	64	.6	17	2	50	1.83	32	5	ND	2	155	.5	45	2	90	.10	.028	9	26	.05	104	.01	9	.50	.01	.28	1	8	12000
R145133	15	31	17	47	.6	16	3	57	1.49	26	5	ND	2	120	.7	63	2	80	.10	.024	8	30	.06	169	.01	13	.60	.01	.32	1	11	7500
R145134	29	38	19	61	1.4	18	7	244	1.58	33	7	ND	2	151	1.5	57	2	100	.08	.040	6	48	.03	135	.01	12	.44	.01	.27	1	16	16000
R145135	15	37	11	138	.4	36	10	402	1.50	36	5	ND	1	170	1.8	28	2	89	.07	.036	5	37	.05	346	.01	7	.39	.01	.16	1	11	6100
R145136	30	58	32	327	.9	59	13	736	4.66	191	5	ND	12	293	4.9	70	2	249	.08	.118	32	36	.05	117	.01	7	.60	.01	.33	2	45	6900
STANDARD C/AU-R	18	56	37	132	6.9	70	33	1040	3.95	40	16	7	37	53	18.4	15	18	55	.49	.089	38	58	.88	177	.09	34	1.88	.06	.15	11	462	1600

PACIFIC BC TR 91-09

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 5 1991 DATE REPORT MAILED: Sept 12/91. SIGNED BY. ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
R145137	28	55	71	535	1.0	79	21	1192	5.09	308	5	ND	14	225	5.7	55	4	210	.08	.095	28	34	.04	368	.01	7	.56	.01	.21	3	59	6700
R145138	28	117	29	770	.8	134	37	1423	7.85	1838	5	ND	14	161	13.2	77	3	252	.14	.147	30	32	.06	1066	.01	4	.82	.01	.21	4	561	7600
R145139	25	100	28	627	1.0	118	26	1156	6.89	1474	5	ND	13	172	11.0	70	3	219	.12	.172	32	52	.05	996	.01	4	.77	.01	.18	3	671	6950
R145140	33	127	26	989	.5	123	36	1375	9.02	1448	5	ND	14	183	6.8	72	4	325	.09	.208	31	53	.05	892	.01	4	.73	.01	.19	5	561	6850
R145141	25	83	18	511	.9	67	21	904	6.65	1120	5	ND	13	155	2.3	41	2	178	.08	.183	32	69	.07	113	.01	2	.56	.01	.25	2	671	7850
R145142	14	148	14	161	2.6	12	4	92	2.07	701	5	ND	4	109	1.5	28	6	86	.11	.036	11	35	.03	134	.01	7	.35	.01	.18	2	135	6750
R145143	19	52	23	155	2.0	14	3	59	1.93	335	5	ND	3	193	1.7	37	2	93	.09	.043	11	37	.03	142	.01	7	.38	.01	.23	1	121	10500
R145144	19	47	21	42	1.5	13	2	43	1.29	108	5	ND	4	111	1.8	28	2	36	.09	.025	16	20	.04	107	.01	11	.48	.01	.31	1	40	7050
R145145	20	45	47	49	1.6	17	2	51	2.00	415	5	ND	10	256	2.0	121	3	82	.13	.069	31	46	.04	129	.01	9	.59	.01	.30	1	330	12000
R145146	21	104	32	190	.8	41	5	103	3.97	593	5	ND	16	267	3.7	159	2	268	.22	.230	58	158	.05	160	.01	6	.80	.01	.27	1	79	10000
R145147	18	85	58	373	8.2	60	11	222	4.35	513	5	ND	8	172	4.2	139	3	176	.12	.100	23	140	.04	469	.01	5	.58	.01	.22	2	297	25000
R145148	14	68	31	1170	.4	162	37	1260	7.33	214	5	ND	6	54	3.1	120	2	78	.10	.069	14	41	.05	705	.01	5	.56	.01	.19	5	10	14000
R145149	10	105	26	1392	.2	333	52	1161	9.76	200	5	ND	18	82	7.3	216	2	143	.16	.160	48	92	.18	869	.03	2	.78	.01	.23	5	12	11000
R145150	6	98	13	942	.4	241	46	1493	8.22	91	5	ND	21	81	6.5	71	3	147	.42	.240	59	138	1.17	1907	.34	2	1.94	.02	1.24	3	9	4850
R145151	7	63	25	678	.1	176	33	1340	6.43	131	5	ND	13	70	6.6	76	2	85	.20	.114	35	65	.41	1319	.06	7	1.19	.01	.58	3	8	70000
R145152	7	29	29	322	.1	100	20	1079	4.00	82	5	ND	9	45	6.1	69	2	45	.12	.056	22	32	.07	901	.01	6	.58	.01	.20	1	6	206000
R145153	5	67	37	346	.1	100	25	872	4.16	193	5	ND	8	40	6.7	94	2	37	.08	.049	23	22	.04	690	.01	6	.54	.01	.15	2	24	18000
R145154	7	62	26	293	.1	86	24	753	4.01	528	5	ND	11	69	7.5	91	2	37	.10	.061	37	17	.04	919	.01	9	.54	.01	.18	1	46	20000
R145155	6	38	28	236	.1	65	15	628	3.93	876	5	ND	13	72	9.6	52	2	39	.12	.058	38	30	.03	760	.01	10	.54	.01	.21	1	105	17000
R145156	4	39	34	282	.1	77	18	790	3.60	557	5	ND	11	60	7.0	46	2	31	.10	.030	31	13	.03	1080	.01	9	.48	.01	.18	1	39	162000
R145157	7	41	32	469	.6	139	31	1695	4.58	324	5	ND	6	61	5.7	69	2	41	.09	.032	18	26	.03	858	.01	9	.43	.01	.17	2	61	1202000
R145158	16	35	17	107	1.4	20	5	151	1.31	1492	5	ND	2	114	4.1	43	2	90	.12	.054	9	85	.02	1625	.01	5	.34	.01	.13	1	1199	53000
R145159	13	21	72	150	7.2	60	5	79	2.25	473	5	ND	2	42	1.4	171	2	88	.05	.021	9	63	.02	762	.01	4	.25	.01	.09	1	286	22000
R145160	35	171	25	541	4.1	156	14	439	7.17	2524	5	ND	14	174	4.5	287	2	414	.08	.110	19	80	.04	1827	.01	6	.52	.01	.10	3	825	21000
R145161	16	84	8	123	4.7	37	4	89	1.29	298	6	ND	2	119	.8	40	2	189	.04	.036	4	107	.01	1168	.01	5	.26	.01	.05	1	28	17000
R145162	19	89	14	54	4.2	20	3	91	.98	215	5	ND	1	68	.8	35	2	188	.04	.026	4	101	.01	732	.01	3	.22	.01	.05	1	52	15000
RE R145159	14	22	69	140	5.4	60	5	78	2.26	455	5	ND	2	40	1.2	169	2	87	.04	.020	9	66	.01	757	.01	3	.24	.01	.09	1	319	22000
R145163	47	59	17	104	1.2	30	4	165	1.39	276	5	ND	1	136	1.2	65	2	391	.03	.044	5	76	.01	1089	.01	4	.31	.01	.07	1	17	16000
R145164	46	103	12	91	.8	29	9	257	.96	161	5	ND	1	35	1.0	66	2	345	.03	.018	7	54	.03	1268	.01	6	.31	.01	.08	1	13	21000
R145165	21	70	8	36	.6	24	4	101	.50	56	5	ND	1	26	.8	29	2	249	.06	.006	6	24	.10	2647	.01	6	.24	.01	.07	1	8	15000
STANDARD C/AU-R	17	59	37	132	6.9	70	33	1039	3.95	39	18	8	38	52	19.0	15	19	55	.48	.088	38	56	.88	177	.09	34	1.88	.06	.15	11	473	1650

PACIFIC BCTR 91-P9

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
32937	6	39	22	150	2.2	93	20	86	5.95	9177	5	6	5	126	.8	1331	2	48	.16	.016	13	91	.05	494	.01	6	.79	.01	.23	1	5888	12000
32938	6	98	14	283	2.4	175	41	185	8.66	5259	5	4	1	91	1.5	26158	2	61	.16	.006	5	108	.03	252	.01	7	.70	.01	.13	1	4635	11500
32939	6	81	12	332	1.6	148	33	186	8.32	5224	5	ND	7	52	.4	783	2	50	.03	.009	15	96	.04	353	.01	7	.80	.01	.17	1	1196	6800
32940	5	110	9	404	.5	215	59	712	9.17	6129	5	ND	6	92	1.3	382	2	68	.08	.017	18	100	.06	641	.01	7	1.14	.01	.18	1	1047	3300
32941	6	77	18	281	.3	126	34	678	6.47	1736	5	ND	7	70	.5	167	2	40	.18	.013	23	69	.09	525	.01	9	.88	.01	.28	1	165	2250
32942	3	46	31	131	.9	24	8	100	3.76	2879	5	ND	6	63	.2	49	2	17	.11	.015	14	22	.06	467	.01	9	.62	.01	.31	1	449	1450
32943	3	46	25	134	1.6	23	7	107	2.90	5516	5	ND	5	69	.2	51	2	15	.11	.012	6	20	.06	394	.01	10	.63	.01	.35	1	2599	1450
32944	3	97	22	101	3.3	28	8	140	3.61	7834	5	3	4	99	.5	52	2	16	.13	.006	5	21	.06	123	.01	7	.64	.01	.26	1	8418	1850
32945	2	53	19	154	1.8	33	11	197	3.31	4923	5	ND	4	166	1.3	47	2	17	.38	.006	4	20	.26	205	.01	8	.70	.01	.29	1	3841	1450
145201	7	253	24	291	.6	94	17	395	4.72	101	5	ND	11	119	2.4	26	2	119	.04	.057	27	192	.06	1383	.01	9	1.16	.01	.07	1	37	3900
145202	13	257	56	702	.6	190	41	918	6.92	228	7	ND	22	253	11.1	56	2	219	.05	.116	59	276	.03	2552	.01	6	1.54	.01	.05	1	23	4500
145203	59	140	13	481	1.6	92	6	101	3.14	115	5	ND	4	155	4.4	42	2	391	.20	.073	16	147	.04	1913	.01	16	.61	.01	.15	1	32	7500
145204	17	138	16	46	6.5	34	8	56	.81	58	9	ND	4	1186	13.3	1493	2	726	.29	.604	13	254	.05	11433	.01	10	1.36	.01	.10	1	51	12000
145205	13	154	25	55	6.9	32	4	19	1.62	913	6	ND	4	868	13.9	5677	2	529	.25	.346	17	142	.04	6430	.01	11	1.15	.01	.19	1	185	9650
145206	8	35	27	114	2.2	24	2	17	1.73	349	5	ND	7	159	2.1	1423	2	104	.10	.056	26	61	.03	1084	.01	14	.82	.01	.19	1	180	3200
145207	5	32	35	134	1.4	31	3	40	2.71	288	5	ND	10	182	1.3	675	2	92	.06	.062	32	44	.02	779	.01	12	.76	.01	.14	1	253	3950
145208	5	17	19	84	1.0	19	2	20	1.15	513	5	ND	7	119	.6	164	2	51	.04	.042	25	50	.02	703	.01	10	.74	.01	.12	1	391	2150
145209	7	25	10	41	1.5	12	1	16	.70	92	5	ND	5	58	.8	192	2	79	.07	.022	19	49	.02	643	.01	8	.49	.01	.15	1	147	3850
145210	10	20	15	24	1.6	10	1	20	.71	535	5	ND	4	117	.8	166	2	56	.06	.050	17	75	.01	1051	.01	6	.46	.01	.08	1	241	3100
145211	5	6	19	20	1.0	4	1	13	.67	454	5	ND	6	101	.5	151	2	35	.04	.036	22	52	.02	708	.01	11	.77	.01	.11	1	265	1800
145212	4	8	30	43	1.6	8	1	9	.69	758	5	ND	7	125	.5	1303	2	30	.05	.043	28	47	.02	825	.01	13	.91	.01	.14	1	334	1900
145213	2	9	35	35	1.6	11	1	8	.67	578	5	ND	8	147	.6	3722	2	28	.07	.041	30	29	.03	795	.01	13	.87	.01	.15	1	587	2150
145214	4	23	44	208	2.1	24	6	677	2.38	1554	5	ND	9	158	2.1	1212	2	38	.07	.040	35	27	.03	822	.01	13	.80	.01	.17	1	656	2300
145215	5	41	45	496	2.8	37	12	535	4.26	1571	5	ND	10	84	2.6	1843	2	38	.06	.036	31	36	.03	778	.01	14	.82	.01	.17	1	311	2300
145216	4	32	29	286	1.4	26	6	142	2.59	882	5	ND	7	135	1.5	2434	2	36	.07	.044	26	36	.03	760	.01	14	.75	.01	.16	1	212	2650
145217	6	38	34	356	1.6	46	14	693	3.20	2273	5	ND	6	153	1.8	526	2	79	.10	.051	17	37	.03	2079	.01	15	.76	.01	.16	1	368	3400
145218	25	18	14	94	2.0	18	3	50	1.07	252	5	ND	3	193	.4	230	2	94	.07	.086	7	150	.02	3164	.01	14	.50	.01	.11	1	97	4350
145219	16	7	10	28	1.5	15	2	31	.45	113	5	ND	3	306	.3	124	2	112	.10	.143	5	103	.02	3966	.01	13	.52	.01	.10	1	66	4000
145220	12	18	23	365	.8	38	9	390	2.81	2013	5	ND	6	117	1.7	283	2	57	.08	.058	15	89	.02	2626	.01	12	.63	.01	.13	1	299	2400
145221	11	30	34	758	.9	90	17	1402	4.40	1761	5	ND	11	104	5.9	566	2	48	.09	.058	31	58	.04	1893	.01	13	.90	.01	.16	1	437	2900
145222	9	24	36	1097	.1	88	20	1042	5.01	786	5	ND	13	107	3.7	560	2	43	.06	.064	37	49	.04	1860	.01	11	.88	.01	.15	1	76	1800
145223	11	27	37	1043	.1	84	22	995	5.09	1144	5	ND	13	105	4.5	538	2	38	.07	.056	37	55	.03	1675	.01	12	.71	.01	.14	1	135	1500
145224	8	23	30	1035	.2	73	21	977	4.81	1244	5	ND	11	90	5.3	463	2	43	.08	.059	27	38	.04	1348	.01	13	.70	.01	.14	1	168	1250
RE 145221	12	30	38	788	.8	94	18	1463	4.54	1607	5	ND	11	112	6.2	582	2	51	.09	.060	33	58	.04	1952	.01	15	.95	.01	.20	1	460	2800
145225	12	13	25	231	.7	33	6	302	1.55	476	5	ND	4	151	3.0	144	2	67	.07	.078	10	102	.02	3006	.01	12	.56	.01	.12	1	157	5900
145226	26	48	29	229	1.8	62	6	114	1.93	129	6	ND	6	214	1.7	306	2	147	.21	.072	14	44	.05	1551	.01	16	.83	.01	.30	1	167	6800
145227	20	105	33	532	1.1	58	9	358	3.84	3680	7	ND	10	175	20.6	203	2	102	.15	.097	30	40	.03	1316	.01	11	.76	.01	.17	1	1173	5200
STANDARD C/AU-R	18	59	37	131	7.1	70	32	1052	4.01	41	19	7	39	54	18.8	16	19	57	.50	.092	38	58	.87	178	.09	34	1.91	.06	.15	11	460	1500

Samples beginning 'RE' are duplicate samples.

SEP-15-1991 11:06 FROM ACME ANALYTICAL TO NORANDA P.003/004

BC-R 91-86

ACME ANALYTICAL

Noranda Exploration Co. Ltd. Pk. ECT 9109-050 330 **FILE # 91-4260** Pa 3

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
145228	19	74	36	508	1.1	50	11	358	3.46	4762	5	ND	9	252	16.6	147	2	151	.18	.113	26	69	.83	1695	.01	15	.69	.01	.16	1	1309	3900
145229	29	77	37	704	.8	84	16	393	2.79	2035	7	ND	8	247	17.8	182	2	223	.17	.147	20	60	.83	2097	.01	12	.76	.01	.16	1	148	3600
145230	20	34	50	755	.6	63	11	335	4.08	5717	5	2	10	83	28.1	380	2	112	.15	.078	32	39	.04	1013	.01	12	.62	.01	.16	1	1518	2450
145231	39	88	45	1192	.3	158	44	1490	4.52	3791	13	ND	9	116	22.9	399	2	145	.14	.121	28	35	.04	1006	.01	8	.73	.01	.14	1	627	2350
RE 145228	1	76	29	107	.1	90	41	772	4.90	143	5	ND	2	177	.8	2	2	113	10.38	.152	21	75	1.37	1076	.01	9	2.14	.02	.17	1	114	2350
145232	56	273	33	1078	1.5	213	49	1222	4.67	1773	22	ND	4	724	15.9	488	2	383	.36	.232	15	61	.06	1515	.01	10	1.12	.01	.18	1	253	6550
145233	29	76	18	370	.9	75	17	374	2.33	309	5	ND	3	249	6.4	245	2	169	.15	.091	7	67	.06	1111	.01	10	.54	.01	.15	1	106	5250
145460	8	30	16	50	.7	8	6	54	2.86	486	5	ND	9	116	.8	25	4	30	.03	.054	15	50	.04	182	.01	3	.37	.01	.36	1	264	10
145461	4	37	26	2144	.7	59	54	571	3.83	24	5	ND	14	52	126.1	8	5	52	.32	.094	37	41	1.20	63	.01	4	1.45	.02	.17	1	33	280
148126	1	73	33	137	.1	90	41	752	4.87	339	5	ND	2	172	2.0	2	2	111	10.06	.151	21	73	1.35	1030	.01	6	2.11	.02	.16	1	102	2100
148127	1	67	16	113	.2	79	40	609	3.07	61	5	ND	2	132	.9	2	2	47	10.55	.160	20	21	.21	1035	.01	19	.98	.02	.32	1	85	260
148128	1	67	13	103	.2	58	35	597	2.35	33	5	ND	2	134	.2	2	2	34	12.23	.123	20	10	.11	867	.01	15	.65	.02	.25	1	21	210
148129	1	52	5	88	.1	27	26	841	3.79	22	5	ND	1	177	.6	2	2	56	14.74	.112	20	9	.85	672	.01	9	1.42	.01	.19	1	11	200
148130	1	49	62	94	.4	27	26	1001	4.32	44	5	ND	1	209	.5	2	2	73	15.88	.109	18	15	.95	314	.01	6	1.60	.01	.14	1	25	255
148131	1	45	4	82	.1	27	24	951	4.56	39	5	ND	1	174	.2	2	2	83	16.30	.127	20	20	.68	495	.01	7	1.41	.01	.16	1	12	300
148132	1	55	4	115	.1	36	29	984	5.26	76	5	ND	2	185	.9	2	2	105	13.38	.156	21	22	.96	1338	.01	5	1.80	.01	.14	1	9	285
148133	1	52	5	106	.1	33	28	930	4.77	53	5	ND	2	141	.7	2	2	108	13.75	.155	21	25	.94	513	.01	6	1.64	.01	.14	1	11	345
148134	2	61	11	166	.1	42	27	1051	4.93	163	5	ND	1	161	.8	2	2	102	13.51	.119	19	27	1.23	1398	.01	7	2.09	.01	.15	1	4	320
148135	3	77	6	178	.1	58	33	1296	5.67	247	5	ND	2	259	1.8	7	2	107	14.82	.132	19	25	.17	2335	.01	7	.91	.01	.13	1	69	730
148136	2	53	4	180	.2	54	34	1498	5.33	415	5	ND	1	220	.3	5	2	71	15.20	.092	15	16	.24	2021	.01	4	.73	.01	.15	1	11	1700
148137	2	54	19	146	.1	43	32	1202	5.67	61	5	ND	1	175	.7	2	2	59	15.73	.136	20	17	.12	842	.01	7	.80	.01	.17	1	2	860
148138	2	56	11	146	.2	46	36	1501	6.11	71	5	ND	2	183	.9	2	2	64	13.27	.143	22	17	.12	1779	.01	8	.83	.01	.16	1	2	1400
148139	5	94	10	168	.1	69	53	942	12.67	102	5	ND	1	202	.9	6	2	74	.42	.135	20	21	.09	3515	.01	14	1.19	.01	.23	1	23	1200
STANDARD C/AU-R	20	61	40	133	6.9	70	32	1058	4.00	41	17	7	40	52	18.9	16	18	57	.48	.091	40	59	.89	177	.09	35	1.90	.07	.15	11	462	1500

BLUE R 91-B-6

MOOSEHEAD R 91M-18

Samples beginning 'RE' are duplicate samples.

R 145460 Bohemian ~ 23600 E, 18300 N
R 145461 " " , 18500 N

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-019 330 File # 91-4042 Page 1

1050 Davie St., Vancouver BC V6E 1M6

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	Hg ppb
R145001	6	58	26	202	.3	52	16	473	3.70	257	5	ND	6	43	1.6	56	2	25	.14	.034	9	21	.07	524	.01	6	.68	.01	.24	1	114	1100
R145002	6	55	21	144	.3	46	14	341	4.36	223	5	ND	7	46	1.0	59	2	21	.12	.034	8	27	.06	558	.01	6	.65	.01	.25	1	102	2300
R145003	5	43	16	111	.2	31	9	147	3.16	89	5	ND	6	25	.6	35	2	16	.09	.032	7	46	.05	561	.01	5	.53	.01	.19	1	24	705
R145004	3	65	21	189	.2	45	13	187	4.94	111	5	ND	7	24	.9	37	2	22	.12	.046	8	19	.07	482	.01	7	.70	.01	.28	1	64	830
R145005	3	61	24	169	.2	46	13	169	4.26	194	5	ND	6	31	.8	35	2	20	.11	.035	7	20	.06	721	.01	7	.65	.01	.22	1	21	1150
R145006	2	60	22	153	.1	43	14	155	3.83	58	5	ND	7	23	.7	28	2	19	.11	.030	7	17	.07	759	.01	6	.68	.01	.30	1	10	760
R145007	3	58	18	168	.1	40	15	128	3.50	79	5	ND	6	38	.6	24	2	18	.09	.032	7	28	.05	1574	.01	6	.59	.01	.23	1	12	885
R145008	3	54	23	118	.4	34	11	103	3.83	960	5	ND	6	47	.8	37	2	19	.11	.027	7	18	.05	729	.01	6	.60	.01	.25	1	240	1400
R145009	3	61	21	127	.1	30	10	88	2.81	153	5	ND	6	49	.6	21	2	18	.12	.038	8	31	.07	782	.01	6	.68	.01	.29	1	20	610
R145010	3	55	20	124	.2	28	9	139	2.96	60	5	ND	7	43	.7	19	2	22	.14	.033	9	19	.11	667	.01	6	.72	.01	.27	1	12	1050
R145011	3	57	23	171	.3	51	15	142	3.97	72	5	ND	8	30	1.4	26	2	20	.12	.042	8	20	.09	1637	.01	7	.74	.01	.31	1	16	1150
R145012	3	56	20	169	.2	40	14	163	4.02	94	5	ND	8	29	.8	26	2	19	.10	.042	9	18	.06	637	.01	7	.65	.01	.25	1	15	1350
R145013	3	74	24	101	.4	26	9	91	3.04	1409	5	ND	7	43	1.0	37	2	19	.11	.033	9	20	.07	984	.01	9	.79	.01	.28	1	470	1050
R145014	3	48	22	117	.5	34	10	119	3.26	745	5	ND	6	49	.7	42	2	25	.11	.023	7	22	.06	616	.01	6	.68	.01	.29	1	1610	1650
RE R145018	2	49	19	119	.3	34	13	140	2.69	279	5	ND	7	31	.3	50	2	15	.10	.029	8	13	.05	596	.01	7	.58	.01	.23	1	43	1450
R145015	2	72	21	110	.4	32	11	148	2.73	601	5	ND	7	74	.4	31	2	21	.10	.029	8	20	.06	1111	.01	9	.79	.01	.30	1	47	1100
R145016	3	44	21	96	1.7	23	7	94	3.75	1947	5	3	6	78	1.1	63	2	28	.12	.024	6	25	.06	832	.01	7	.76	.01	.49	1	3400	2550
R145017	2	54	16	161	.3	40	15	215	3.46	897	5	ND	7	29	.3	54	2	16	.10	.029	8	18	.05	610	.01	6	.56	.01	.23	1	490	1450
R145018	2	47	20	121	.2	37	13	144	2.74	292	5	ND	7	30	.2	46	2	15	.10	.025	8	15	.06	574	.01	6	.60	.01	.24	1	44	1300
R145019	3	51	23	105	.2	35	11	129	3.02	428	5	ND	7	40	.6	41	2	19	.13	.037	9	19	.07	641	.01	9	.76	.01	.30	1	131	1100
R145020	2	60	19	176	.1	57	17	350	4.58	611	5	ND	6	54	.5	40	2	21	.13	.032	8	18	.08	766	.01	6	.68	.01	.24	1	79	935
R145021	3	52	20	148	.2	45	14	184	3.72	552	5	ND	7	36	.6	63	2	19	.11	.030	8	22	.06	566	.01	6	.65	.01	.23	1	77	2200
R145022	2	45	25	87	1.1	24	7	94	2.52	1556	5	ND	6	60	1.6	997	2	17	.11	.023	8	22	.06	1323	.01	7	.59	.01	.30	1	1520	2000
R145023	3	73	21	136	.2	48	16	216	2.73	507	5	ND	7	59	.4	135	2	16	.10	.030	9	22	.06	731	.01	6	.76	.01	.26	1	42	720
R145024	2	62	24	137	.1	47	19	238	2.82	372	5	ND	6	62	.6	87	2	18	.11	.029	9	20	.07	804	.01	7	.71	.01	.33	1	43	975
R145025	3	63	24	174	.3	52	19	225	3.82	1193	5	ND	6	80	.8	95	2	21	.12	.030	8	26	.07	791	.01	8	.86	.01	.33	1	360	1650
R145026	3	72	22	127	.5	27	10	111	2.98	1197	5	ND	6	84	.5	93	2	26	.11	.031	11	31	.05	960	.01	7	.68	.01	.36	1	710	1550
R145027	4	30	18	17	2.1	6	1	18	1.51	2238	5	2	4	52	.2	61	2	23	.08	.012	7	40	.03	591	.01	7	.48	.01	.27	1	2250	2650
R145028	5	21	14	26	1.7	5	1	15	1.07	1617	5	5	3	64	.2	46	2	30	.07	.011	5	54	.03	680	.01	6	.43	.01	.19	1	4650	2150
R145029	4	27	19	35	1.9	9	2	16	1.92	2531	5	4	5	67	.2	76	2	42	.10	.015	8	51	.04	695	.01	8	.56	.01	.25	1	3420	2750
R145030	4	38	17	104	.9	16	6	65	2.82	2723	5	ND	5	56	.2	93	2	31	.11	.017	6	39	.04	642	.01	8	.58	.01	.26	1	1480	2450
R145031	3	56	19	93	.6	23	7	86	2.67	1879	5	ND	6	90	.2	91	2	37	.12	.024	8	26	.06	783	.01	9	.82	.01	.35	1	420	2100
R145032	4	32	20	75	.8	18	5	113	2.88	1768	5	ND	5	59	.2	67	2	23	.13	.022	6	30	.05	650	.01	7	.55	.01	.26	1	1580	2450
R145033	4	23	23	42	2.5	7	2	19	2.55	2659	5	ND	5	55	.2	63	2	26	.11	.018	7	42	.05	630	.01	8	.61	.01	.31	1	1140	3200
R145034	4	23	21	9	1.7	4	1	11	1.85	1852	5	2	5	60	.2	32	2	21	.11	.016	7	49	.05	657	.01	9	.54	.01	.26	1	1690	2850
R145035	2	17	21	5	3.0	4	1	8	1.62	1567	5	ND	5	75	.2	31	2	24	.11	.020	9	29	.05	720	.01	9	.59	.01	.40	1	780	2400
R145036	5	27	28	117	5.0	12	3	36	3.80	2910	5	2	7	107	.4	145	2	44	.11	.023	14	39	.04	889	.01	8	.59	.01	.35	1	1950	6350
STANDARD C/AU-R	19	56	41	130	6.7	70	32	1041	3.94	43	18	6	38	54	18.6	16	18	55	.48	.089	39	58	.88	177	.09	32	1.90	.05	.15	13	460	1500

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 30 1991 DATE REPORT MAILED: Sept 9/91. SIGNED BY. ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

BCTR 91-P7 TRENCH PACIFIC

SEP-09-1991 12:38 FROM ACME ANALYTICAL TO NORANDA YT P.002 001

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	Hg ppb
R145037	5	21	17	34	3.7	14	3	40	2.15	1636	5	2	3	65	.2	1679	2	17	.07	.022	5	55	.02	496	.01	5	.34	.01	.08	1	1740	2250
R145038	7	28	22	24	3.0	13	3	69	1.29	748	5	ND	3	48	.6	3651	2	14	.08	.022	4	93	.03	424	.01	4	.29	.01	.05	1	640	1200
R145039	7	36	20	25	2.6	18	3	50	1.76	979	5	ND	1	51	.2	4350	2	10	.03	.022	2	109	.01	395	.01	3	.32	.01	.04	1	310	880
R145040	6	37	36	36	3.9	16	4	68	2.38	1504	5	ND	1	40	1.6	8168	2	9	.08	.030	3	96	.01	528	.01	2	.31	.01	.03	1	730	795
R145041	4	23	6	29	.9	9	2	37	1.74	819	5	ND	1	45	.2	4651	2	12	.03	.022	3	68	.01	456	.01	3	.27	.01	.04	1	480	395
R145042	7	41	6	63	.7	13	2	45	3.28	1406	5	ND	1	35	.2	5984	2	18	.03	.029	2	78	.01	446	.01	3	.40	.01	.05	1	240	705
R145043	4	38	10	28	.4	8	1	25	1.31	600	5	ND	4	105	.2	954	2	20	.09	.029	5	47	.04	755	.01	8	.63	.01	.20	1	127	900
RE R145047	7	34	17	109	.6	7	2	40	2.43	576	5	ND	3	47	.6	363	2	22	.04	.020	4	73	.03	494	.01	7	.48	.01	.13	1	109	765
R145044	2	50	14	20	.5	8	2	37	1.65	1148	5	ND	5	84	.2	256	2	22	.10	.020	7	21	.06	587	.01	9	.63	.01	.25	1	380	845
R145045	3	61	15	25	.5	10	3	63	2.54	1523	5	ND	5	134	.2	158	2	25	.12	.031	7	17	.06	741	.01	9	.69	.01	.26	1	143	1350
R145046	5	42	13	62	.5	9	2	35	2.59	1189	5	ND	5	94	.7	234	2	25	.10	.024	6	35	.05	581	.01	9	.73	.01	.24	1	122	1200
R145047	7	37	17	110	.7	6	2	40	2.45	586	5	ND	4	46	.5	348	2	22	.04	.022	4	73	.03	482	.01	7	.48	.01	.12	1	100	850
R145048	6	30	22	87	.9	8	2	64	1.84	461	5	ND	3	39	.5	311	2	21	.05	.023	4	67	.04	653	.01	6	.43	.01	.12	1	106	855
R145049	7	20	35	61	.4	6	2	42	1.16	252	5	ND	3	41	.3	169	2	23	.04	.018	5	83	.03	472	.01	5	.38	.01	.11	1	79	815
R145050	6	20	33	59	.3	8	2	48	1.04	265	5	ND	3	49	.3	192	2	19	.05	.021	5	70	.04	457	.01	6	.41	.01	.10	1	94	645
R145051	8	19	28	41	.2	6	1	26	.70	173	5	ND	2	37	.2	173	2	12	.03	.013	3	86	.02	467	.01	5	.31	.01	.09	1	55	500
R145052	7	22	21	56	.3	8	1	33	.97	231	5	ND	3	36	.3	184	2	14	.03	.019	4	83	.02	343	.01	7	.35	.01	.09	1	57	325
R145053	7	24	15	67	.1	12	2	36	1.16	233	5	ND	2	41	.5	186	2	14	.03	.020	4	76	.02	363	.01	6	.31	.01	.07	1	47	200
R145054	7	22	13	27	.1	8	1	35	.72	154	5	ND	3	43	.4	67	2	16	.04	.016	5	82	.02	376	.01	4	.33	.01	.09	1	44	375
R145055	7	37	22	75	.3	18	2	56	1.71	418	5	ND	2	47	1.6	224	2	15	.03	.023	4	72	.02	260	.01	3	.45	.01	.06	1	153	530
R145056	7	32	11	68	.2	16	2	58	1.50	362	5	ND	3	47	1.0	241	2	13	.03	.018	4	80	.01	298	.01	3	.38	.01	.06	1	64	255
R145057	7	24	9	80	.2	14	2	47	1.39	322	5	ND	2	48	.9	206	2	14	.02	.014	4	80	.01	236	.01	5	.28	.01	.04	1	80	490
R145058	8	20	8	26	.1	8	1	41	.63	142	5	ND	3	51	.4	64	2	13	.02	.013	4	96	.01	278	.01	4	.29	.01	.05	1	61	510
R145059	3	59	24	225	.2	41	18	518	3.22	595	5	ND	6	48	3.7	88	2	19	.11	.027	6	16	.05	415	.01	7	.62	.01	.22	1	43	565
R145060	3	63	12	382	.1	54	25	806	5.15	1048	5	ND	7	49	5.0	117	2	17	.11	.038	6	15	.06	489	.01	7	.59	.01	.21	1	43	505
R145061	3	73	17	295	.1	54	22	567	4.08	823	5	ND	6	94	3.8	117	2	21	.10	.036	7	16	.06	694	.01	9	.73	.01	.25	1	57	505
R145062	4	65	26	221	.3	32	11	323	2.80	532	5	ND	6	87	2.8	97	2	23	.11	.035	6	39	.05	926	.01	8	.67	.01	.19	1	52	810
R145063	6	22	27	59	.1	11	3	116	.82	221	5	ND	3	75	1.0	66	2	15	.08	.022	4	63	.04	594	.01	8	.50	.01	.16	1	39	785
R145064	9	51	325	123	.2	13	2	62	1.53	315	5	ND	2	43	.7	272	2	10	.03	.027	2	97	.02	415	.01	7	.36	.01	.10	1	21	1000
R145065	8	30	136	94	.3	12	2	61	1.60	267	5	ND	3	42	.6	144	2	13	.02	.027	3	96	.02	391	.01	6	.32	.01	.08	1	16	525
R145066	10	21	47	78	.2	10	2	48	1.41	130	5	ND	2	38	.2	57	2	15	.02	.020	3	125	.02	341	.01	7	.31	.01	.08	1	20	220
R145067	8	33	28	140	.2	16	2	64	2.89	271	5	ND	2	33	.5	245	2	12	.02	.025	3	84	.02	562	.01	5	.28	.01	.08	1	18	325
R145068	8	30	31	78	.2	11	2	50	1.73	160	5	ND	2	46	.2	133	2	15	.03	.027	3	83	.02	398	.01	4	.30	.01	.08	1	16	515
R145069	8	29	27	114	.1	14	3	64	2.17	297	5	ND	2	66	.5	226	2	16	.03	.039	4	86	.03	616	.01	5	.35	.01	.09	1	17	450
R145070	18	27	21	70	.2	12	2	65	1.43	151	5	ND	3	65	.2	96	2	15	.04	.029	4	116	.04	645	.01	8	.39	.01	.09	1	20	555
R145071	11	26	17	79	.1	11	2	48	1.67	189	5	ND	3	63	.2	95	2	15	.03	.034	3	124	.02	679	.01	8	.35	.01	.10	1	17	600
R145072	9	23	17	84	.1	11	2	47	1.63	174	5	ND	2	51	.2	133	2	13	.03	.033	3	99	.02	822	.01	6	.31	.01	.08	1	22	660
STANDARD C/AU-R	19	62	37	136	7.3	71	34	1062	4.00	46	20	6	39	52	18.7	16	19	57	.48	.090	40	61	.90	178	.09	33	1.91	.08	.16	12	460	1600

BCTR 91-P-7

Samples beginning 'RE' are duplicate samples.

SEP-09-1991 13:39 FROM ACME ANALYTICAL TO NORANDA YT P.003/004

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	Hg ppb
R145073	8	20	24	77	.1	9	4	221	1.46	141	6	ND	2	57	.2	59	2	13	.04	.035	3	93	.03	732	.01	5	.34	.01	.09	1	17	3150
R145074	8	35	17	88	.2	12	4	59	2.46	211	5	ND	2	64	.4	135	2	16	.04	.035	3	86	.03	648	.01	6	.35	.01	.09	1	11	1650
R145075	9	30	16	79	.2	10	3	53	2.08	196	5	ND	2	53	.3	89	2	14	.04	.030	3	97	.03	517	.01	6	.33	.01	.09	1	6	430
R145076	8	34	15	113	.2	13	4	56	2.53	359	5	ND	3	59	.6	96	2	13	.04	.034	3	65	.02	579	.01	5	.34	.01	.09	1	9	365
R145077	8	24	13	218	.3	24	7	121	3.76	707	6	ND	4	42	1.8	140	2	16	.07	.030	4	48	.03	478	.01	8	.44	.01	.15	1	23	875
R145078	6	51	16	254	.2	34	12	197	3.39	557	5	ND	6	39	1.5	73	2	17	.09	.031	5	31	.84	329	.01	6	.50	.01	.20	1	10	650
R145079	6	51	14	228	.1	38	14	222	3.05	362	5	ND	6	49	1.6	45	2	17	.09	.030	5	22	.05	413	.01	8	.56	.01	.25	1	11	500
R145080	10	32	14	59	.1	11	3	63	2.10	154	5	ND	3	49	.2	65	2	16	.03	.027	3	114	.03	532	.01	8	.42	.01	.16	1	9	430
R145081	6	25	13	64	.3	11	3	54	2.16	163	5	ND	3	44	.2	77	2	10	.03	.028	3	65	.02	447	.01	5	.32	.01	.12	1	9	425
R145082	7	23	14	75	.1	13	4	56	2.48	177	5	ND	2	46	.2	88	2	11	.02	.034	3	76	.02	480	.01	6	.35	.01	.12	1	7	430
R145457	3	10	13	107	.2	32	12	105	3.99	28	9	ND	14	52	.5	7	2	10	.17	.121	27	15	.04	89	.01	8	.45	.02	.21	1	2	320
R145458	7	19	61	39	1.1	4	3	31	3.12	59	7	ND	6	40	.2	12	5	25	.05	.028	23	35	.04	506	.01	7	.46	.01	.18	1	14	30
RE R145081	6	24	13	64	.1	11	4	57	2.18	164	5	ND	3	45	.3	77	2	10	.03	.029	3	68	.02	457	.01	5	.33	.01	.12	1	15	380
R145459	3	15	18	93	.2	17	11	705	3.28	25	5	ND	11	221	.2	6	5	53	3.03	.107	28	52	1.09	318	.01	6	1.29	.02	.20	1	2	55
STANDARD C/AU-R	18	59	39	132	7.2	67	33	1036	3.95	40	20	6	38	54	18.9	16	20	57	.48	.090	38	58	.88	174	.09	31	1.87	.06	.15	11	490	1600

BCTR 91-P-7

Samples beginning 'RE' are duplicate samples.

R145457 - BO ZONE 19500N - 23450E
R145458 LUCKY ZONE. 19650N - 22900E
R145459 " " "

SEP-09-1991 12:40 FROM ACME ANALYTICAL TO NORANDA YT P.004/004

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 910>-017-330 | File # 91-3977 | Page 1

1050 Davie St., Vancouver BC V6E 1M4

TOTAL P.005

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	Hg ppb
R141801	5	52	21	59	.1	43	14	380	3.70	15	5	ND	6	37	.2	24	2	19	.15	.034	6	32	.08	440	.01	9	.56	.01	.24	1	23	200
RE R141806	4	49	18	67	.1	37	13	303	3.74	12	5	ND	6	46	.2	18	2	14	.09	.025	6	21	.08	580	.01	9	.56	.01	.24	1	10	120
R141802	4	54	24	104	.2	44	15	327	3.44	17	5	ND	6	44	.3	27	2	15	.11	.021	6	24	.07	470	.01	8	.58	.01	.29	1	13	260
R141803	4	46	17	72	.1	34	13	343	3.85	11	5	ND	6	39	.2	16	2	12	.11	.022	6	34	.08	548	.01	9	.54	.01	.24	1	6	150
R141804	2	49	14	34	.1	34	14	531	4.04	13	5	ND	7	32	.2	15	2	11	.13	.034	6	23	.08	703	.01	10	.59	.01	.32	1	5	110
R141805	4	49	16	50	.2	30	12	391	3.50	12	5	ND	7	34	.2	16	2	12	.13	.037	7	31	.08	437	.01	10	.63	.01	.26	1	6	100
R141806	3	51	19	66	.1	37	13	299	3.70	12	5	ND	6	45	.2	20	2	13	.09	.022	7	20	.07	566	.01	8	.53	.01	.23	1	8	140
R141807	4	45	17	67	.1	36	12	286	3.10	13	5	ND	6	41	.2	16	2	18	.09	.017	5	32	.07	527	.01	8	.55	.01	.26	1	4	145
R141808	2	52	20	92	.1	42	14	354	3.54	11	5	ND	8	35	.3	19	2	18	.11	.027	7	17	.10	631	.01	10	.78	.01	.36	1	4	155
R141809	2	55	21	85	.1	43	14	325	3.63	12	5	ND	9	45	.3	19	2	16	.12	.030	14	15	.10	558	.01	8	.75	.01	.33	1	5	150
R141810	3	59	18	141	.2	79	21	412	4.82	24	5	ND	11	39	.4	41	2	33	.18	.050	37	44	.15	1851	.01	9	1.00	.01	.24	1	15	245
R141811	3	56	19	130	.1	51	15	411	3.99	11	5	ND	12	43	.6	17	2	21	.15	.044	36	25	.11	627	.01	9	.79	.01	.26	1	9	160
R141812	3	55	22	130	.1	41	15	356	4.61	14	5	ND	8	40	.6	18	2	14	.13	.035	10	21	.09	780	.01	9	.65	.01	.25	1	13	295
R141813	2	64	23	157	.1	48	15	304	3.85	22	5	ND	7	33	1.0	19	2	21	.16	.033	6	17	.16	783	.01	7	.85	.01	.29	1	9	240
R141814	2	65	25	249	.1	63	18	302	3.77	21	5	ND	7	48	1.6	19	2	29	.14	.031	7	15	.10	659	.01	6	.74	.01	.27	1	12	295
R141815	2	62	23	280	.1	60	17	336	3.87	18	5	ND	7	46	2.0	19	2	26	.13	.035	7	16	.10	619	.01	7	.74	.01	.27	1	10	640
R141816	2	55	24	141	.2	66	18	390	4.49	18	5	ND	7	50	1.6	11	2	38	.14	.019	11	24	.11	1014	.01	7	.77	.01	.25	1	7	660
R141817	2	59	27	218	.2	75	21	372	4.68	27	5	ND	6	45	2.0	5	2	25	.14	.023	8	25	.11	731	.01	7	.76	.01	.24	1	4	470
R141818	3	78	31	1717	.3	193	45	619	7.63	13	5	ND	7	75	12.1	4	2	57	.21	.092	20	88	.08	1049	.01	7	.87	.01	.21	1	7	130
R141819	3	71	81	1092	.3	164	40	933	6.10	11	5	ND	7	74	18.1	7	2	44	.19	.075	19	67	.13	1292	.01	7	.93	.01	.23	1	8	160
R141820	3	30	18	276	.2	57	15	259	2.79	6	5	ND	6	22	6.2	3	2	21	.10	.023	6	40	.06	428	.01	6	.45	.01	.14	1	4	205
R141821	3	39	13	199	.2	45	12	255	2.87	4	5	ND	7	21	3.4	2	2	22	.11	.026	6	35	.06	365	.01	6	.51	.01	.17	1	3	260
R141822	3	50	19	263	.2	52	15	392	3.34	8	5	ND	7	29	5.8	5	2	21	.12	.028	6	27	.08	439	.01	6	.57	.01	.23	1	5	230
R141823	5	49	19	414	.2	58	15	598	3.12	9	5	ND	6	26	10.9	10	2	26	.11	.025	6	55	.07	482	.01	6	.53	.01	.18	1	7	175
R141824	5	31	14	366	.2	47	11	170	2.48	9	5	ND	5	23	8.3	11	2	21	.08	.019	5	57	.05	342	.01	5	.40	.01	.13	1	7	205
R141825	5	50	21	427	.2	68	15	296	3.60	12	5	ND	6	32	7.6	13	2	20	.09	.024	6	47	.07	476	.01	5	.55	.01	.18	1	8	260
R141826	3	59	26	334	.1	64	17	267	4.21	13	5	ND	6	41	7.5	14	2	17	.11	.020	7	27	.08	659	.01	7	.65	.01	.27	1	5	230
R141827	7	33	15	243	.2	39	12	341	3.26	7	5	ND	4	35	7.1	8	2	13	.06	.017	5	79	.05	343	.01	7	.38	.01	.17	1	4	205
R141828	4	44	18	255	.2	48	15	308	4.15	8	5	ND	6	35	6.5	6	2	12	.08	.020	6	31	.06	481	.01	7	.46	.01	.16	1	5	205
R141829	4	52	26	309	.2	68	21	507	4.65	11	5	ND	7	28	9.9	4	2	12	.09	.026	6	23	.07	349	.01	8	.54	.01	.22	1	9	270
R141830	5	46	23	301	.2	62	17	457	4.71	20	5	ND	5	40	8.3	9	2	12	.07	.018	5	47	.06	502	.01	7	.47	.01	.21	1	10	250
R141831	4	52	23	203	.4	53	15	314	3.56	162	5	ND	6	45	7.8	23	2	14	.10	.024	5	28	.07	648	.01	8	.60	.01	.18	1	124	280
R141832	3	54	21	310	.3	97	24	496	4.24	235	5	ND	6	43	7.2	20	2	18	.11	.031	7	32	.08	388	.01	6	.70	.01	.22	1	157	285
R141833	4	108	28	395	.2	100	24	739	4.48	50	5	ND	7	35	9.7	16	2	11	.08	.033	7	24	.06	461	.01	8	.69	.01	.29	1	8	285
R141834	4	76	23	470	.2	94	23	302	4.32	66	5	ND	7	55	7.1	30	2	17	.10	.027	7	29	.07	545	.01	7	.65	.01	.25	1	15	260
R141835	3	47	26	338	.3	48	12	217	3.61	346	5	ND	6	37	10.5	28	2	18	.12	.029	7	24	.07	403	.01	8	.67	.01	.25	1	62	280
R141836	2	60	25	422	.1	91	27	634	4.35	138	5	ND	7	41	5.9	26	2	19	.10	.036	6	18	.07	422	.01	7	.62	.01	.22	1	19	230
STANDARD C/AU-R	18	58	40	132	6.8	71	32	1046	3.97	42	19	6	38	51	18.6	15	19	57	.49	.091	38	59	.89	176	.09	31	1.90	.06	.14	11	470	1600

BCTR 91-P-8 PACIFIC TRENCH

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.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 29 1991 DATE REPORT MAILED: Sept 5/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
R141837	4	51	19	358	.2	67	21	454	3.78	27	5	ND	7	39	2.9	19	2	18	.14	.049	8	32	.06	495	.01	10	.60	.01	.23	1	11	230
R141838	4	52	20	346	.1	59	21	484	3.89	25	5	ND	7	20	1.9	21	2	14	.10	.034	7	24	.06	266	.01	9	.57	.01	.29	1	1	280
R141839	7	41	18	203	.2	47	21	389	3.36	14	5	ND	6	19	2.6	20	2	17	.09	.052	8	64	.05	261	.01	8	.48	.01	.19	1	8	275
R141840	6	52	23	196	.2	25	10	146	3.84	14	5	ND	6	27	2.7	25	2	18	.09	.046	7	41	.05	284	.01	7	.46	.01	.24	1	2	250
R141841	8	47	24	234	.3	35	16	323	3.96	30	5	ND	6	30	4.8	33	2	22	.10	.044	8	44	.05	379	.01	8	.54	.01	.24	1	14	395
R141842	5	38	16	159	.2	34	18	515	2.53	84	5	ND	5	35	5.8	22	2	20	.10	.035	7	35	.07	516	.01	10	.55	.01	.22	1	25	155
R141843	5	37	18	167	.1	37	19	827	2.16	23	5	ND	5	45	8.1	26	2	19	.09	.034	7	43	.07	548	.01	9	.56	.01	.21	1	1	195
R141844	5	36	16	201	.2	39	17	381	2.70	39	5	ND	5	25	4.7	46	2	19	.09	.055	6	38	.06	395	.01	8	.55	.01	.18	1	10	215
R141845	7	25	10	105	.1	27	12	261	2.31	20	5	ND	4	21	2.0	30	2	15	.07	.028	4	74	.05	623	.01	5	.33	.01	.14	1	7	110
R141846	7	20	13	76	.3	22	6	113	1.58	96	5	ND	3	34	1.3	30	2	11	.05	.024	4	81	.04	468	.01	7	.31	.01	.13	1	26	215
R141847	8	17	10	73	.2	22	11	231	1.37	29	5	ND	3	23	1.7	16	2	9	.08	.034	4	88	.04	431	.01	6	.31	.01	.14	1	9	115
R141848	6	11	8	60	.4	19	8	205	1.38	276	5	ND	2	37	2.7	24	2	8	.04	.016	4	69	.03	746	.01	7	.34	.01	.14	1	40	175
RE R141853	7	21	13	105	.2	31	11	344	2.28	136	5	ND	4	32	5.3	313	2	20	.08	.031	7	65	.07	1110	.01	8	.49	.01	.13	1	94	200
R141849	11	19	9	70	.2	32	10	198	1.92	29	5	ND	3	28	2.0	42	2	10	.04	.025	4	127	.03	380	.01	7	.35	.01	.15	1	8	125
R141850	7	24	14	160	.2	36	15	332	2.55	50	5	ND	4	26	2.4	30	2	13	.05	.027	6	77	.04	324	.01	7	.43	.01	.15	1	5	140
R141851	5	39	18	209	.2	43	20	547	3.06	37	5	ND	4	35	3.8	66	2	19	.08	.028	6	45	.08	450	.01	8	.60	.01	.21	1	6	145
R141852	6	24	24	111	.1	27	9	310	1.86	31	5	ND	3	28	4.5	636	2	15	.07	.028	5	68	.05	428	.01	6	.50	.01	.16	1	7	180
R141853	6	24	13	103	.2	29	10	343	2.26	131	5	ND	4	32	5.0	338	2	20	.08	.033	7	60	.06	1131	.01	6	.49	.01	.16	1	76	220
R141854	5	18	9	49	.3	12	6	87	1.17	25	5	ND	3	23	1.6	67	2	9	.07	.030	5	60	.04	1074	.01	6	.33	.01	.12	1	19	115
R141855	6	20	10	86	.3	16	5	80	1.71	145	5	ND	4	31	2.3	56	2	11	.10	.039	7	62	.05	1094	.01	7	.47	.01	.15	1	53	175
R141856	5	22	19	82	.4	24	9	471	1.79	218	5	ND	4	42	3.7	43	2	15	.20	.047	8	60	.11	818	.01	5	.66	.01	.20	1	42	250
R141857	7	22	89	93	.3	21	7	548	1.71	101	5	ND	3	31	5.3	46	2	10	.19	.032	7	77	.07	474	.01	7	.40	.01	.17	1	18	190
R145401	7	61	20	226	.2	73	21	406	4.22	85	5	ND	12	27	.3	129	2	19	.13	.039	43	18	.07	339	.01	5	.67	.01	.21	1	13	255
R145402	6	95	18	202	.3	67	20	420	3.88	61	5	ND	11	33	.2	102	2	23	.14	.037	39	19	.13	593	.01	7	.94	.01	.27	1	9	240
R145403	5	66	21	171	.2	61	17	385	4.21	51	5	ND	13	36	.2	104	2	30	.21	.046	43	24	.36	572	.01	6	1.56	.01	.29	1	5	125
R145404	5	60	16	147	.1	93	23	525	4.19	57	5	ND	12	25	.3	120	2	39	.25	.052	41	46	.57	777	.01	7	1.92	.02	.37	1	6	170
R145405	6	61	12	143	.1	72	18	397	3.68	69	5	ND	12	22	.5	150	2	26	.20	.044	44	28	.34	490	.01	6	1.38	.02	.39	1	7	100
R145406	5	59	17	153	.1	73	18	483	4.20	73	5	ND	12	20	.2	162	2	34	.21	.048	44	28	.39	512	.01	6	1.48	.01	.33	1	6	125
R145407	4	62	19	148	.1	61	16	549	3.99	42	5	ND	13	19	.3	75	2	29	.21	.052	46	25	.48	493	.01	6	1.44	.01	.37	1	9	100
R145408	4	66	23	139	.1	55	15	435	4.07	56	5	ND	12	33	.3	77	2	21	.15	.050	46	19	.19	401	.01	6	1.01	.01	.39	1	21	110
R145409	3	65	18	136	.1	67	19	537	4.24	37	5	ND	11	22	.3	43	2	37	.24	.064	43	40	.50	593	.01	7	1.72	.01	.31	1	3	115
R145410	2	73	7	127	.1	194	48	1100	8.25	41	5	ND	5	46	.8	52	2	85	.51	.094	22	103	1.68	1355	.03	5	3.06	.02	.19	1	6	165
R145411	4	65	13	96	.1	67	20	622	4.04	59	5	ND	13	23	.2	59	2	31	.20	.058	46	29	.35	500	.01	5	1.32	.01	.29	1	7	155
R145412	3	88	7	128	.3	179	45	840	8.47	124	5	ND	5	65	1.5	78	2	75	.57	.085	18	90	1.97	1308	.02	4	3.20	.07	.20	1	36	660
R145413	5	62	14	120	.2	98	25	750	5.59	152	5	ND	9	73	.2	102	2	40	.12	.048	30	40	.13	1083	.01	6	.95	.02	.26	1	11	1550
R145414	4	56	20	144	.2	50	15	292	3.72	64	5	ND	6	47	.2	64	2	19	.13	.035	9	20	.10	690	.01	6	.67	.01	.29	1	23	865
R145415	4	58	19	152	.1	51	16	322	3.66	52	5	ND	7	41	.4	61	2	20	.12	.034	9	18	.11	614	.01	6	.73	.01	.26	1	13	510
STANDARD C/AU-R	19	62	37	132	7.0	70	32	1044	3.95	42	18	6	39	52	18.5	16	20	55	.48	.090	38	58	.88	176	.09	31	1.90	.06	.15	11	460	1500

PACIFIC BCTR 91-P-8

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
R145416	3	56	30	135	.4	42	13	211	3.46	45	5	ND	7	37	.2	42	2	24	.18	.038	7	20	.21	494	.01	7	1.07	.01	.30	1	17	255
R145417	3	63	31	166	.4	51	17	226	3.83	29	5	ND	8	33	.6	29	2	27	.21	.047	8	21	.30	612	.01	7	1.35	.01	.33	1	14	220
R145418	4	67	21	148	.4	109	31	656	6.43	64	5	ND	7	44	1.0	58	2	61	.36	.076	31	80	.84	1111	.01	5	2.13	.02	.29	1	25	305
R145419	2	75	8	108	.1	163	35	640	7.21	27	5	ND	7	45	.7	24	2	88	.55	.098	38	87	2.86	1149	.03	3	3.18	.03	.27	1	17	160
R145420	1	81	2	103	.1	208	43	801	8.41	7	5	ND	5	67	1.0	11	2	105	.81	.106	34	110	3.39	1028	.04	3	4.28	.06	.20	1	18	85
R145421	1	95	2	146	.1	240	49	1215	9.28	12	5	ND	4	76	1.1	16	2	124	1.01	.125	33	117	3.34	1374	.04	2	4.51	.07	.15	1	7	90
R145422	3	74	11	122	.1	148	35	1596	7.17	65	5	ND	5	54	.2	46	2	83	.56	.096	35	100	1.59	1428	.02	2	2.98	.02	.31	1	3	325
R145423	3	66	10	132	.4	121	32	1827	6.42	57	5	ND	8	49	1.0	56	2	76	.46	.076	33	85	1.18	1389	.03	4	2.59	.03	.37	1	27	305
R145424	4	55	28	115	.1	74	19	860	4.64	89	5	ND	6	47	.3	61	2	30	.14	.041	38	30	.14	746	.01	5	.92	.01	.30	1	30	430
R145425	3	71	6	130	.1	138	40	1919	8.37	81	5	ND	5	107	.5	60	2	85	.38	.077	24	104	.97	1607	.02	3	2.11	.02	.23	1	52	710
R145426	4	61	24	137	.5	79	29	1452	5.42	79	5	ND	8	42	.5	64	2	46	.30	.052	27	38	.48	1030	.01	4	1.30	.01	.28	1	39	590
R145427	4	57	26	144	.1	60	18	1701	4.29	80	5	ND	5	35	.6	50	2	36	.21	.036	20	25	.19	809	.01	4	.94	.01	.30	1	32	670
R145428	4	64	15	142	.6	120	34	4823	7.02	92	5	ND	7	51	.2	81	2	79	.45	.076	25	90	.94	2568	.02	2	2.09	.02	.25	1	79	1500
R145429	4	71	12	146	.6	124	32	1972	7.38	80	5	ND	5	56	.9	79	2	69	.31	.061	17	76	.30	1765	.02	5	1.59	.01	.31	1	55	1100
R145430	3	59	22	144	.2	84	23	537	5.74	31	5	ND	5	60	.2	36	2	44	.15	.027	20	45	.11	900	.01	3	.81	.01	.24	1	30	605
RE R145435	3	57	29	133	.2	52	17	439	4.45	25	5	ND	5	50	.2	28	2	24	.14	.017	17	26	.09	529	.01	6	.77	.01	.30	1	27	510
R145431	5	61	22	237	.5	77	21	435	5.02	21	5	ND	5	72	.2	20	2	41	.20	.029	5	46	.16	604	.01	5	.84	.01	.27	1	7	745
R145432	3	52	22	140	.3	50	16	349	4.36	22	5	ND	5	60	.2	23	2	25	.16	.020	5	28	.09	614	.01	5	.71	.01	.26	1	4	515
R145433	2	52	26	120	.1	55	14	328	3.77	22	5	ND	4	49	.2	16	2	74	.21	.021	7	19	.09	503	.01	4	.72	.01	.29	1	23	375
R145434	3	57	21	130	.7	72	20	466	5.30	21	5	ND	6	60	.3	17	2	78	.19	.016	17	41	.10	492	.02	8	.86	.01	.32	1	21	450
R145435	3	57	25	126	.6	51	16	430	4.29	24	5	ND	7	52	.3	29	2	26	.14	.017	17	25	.09	527	.01	7	.78	.01	.29	1	27	520
R145436	3	65	16	148	.1	59	17	419	5.50	22	5	ND	3	49	.3	27	2	40	.14	.021	14	39	.10	665	.01	5	.92	.01	.32	1	40	420
R145437	3	45	14	107	.5	30	9	419	3.15	20	5	ND	6	34	.2	33	2	21	.13	.019	7	32	.08	498	.01	8	.67	.01	.25	1	18	285
R145438	4	42	21	131	.1	38	12	460	4.40	37	5	ND	3	38	.2	43	2	22	.14	.023	5	39	.10	700	.01	6	.76	.01	.29	1	37	430
R145439	3	51	22	127	.6	52	16	365	4.19	40	5	ND	8	40	.4	49	2	26	.16	.029	18	24	.12	527	.01	6	.84	.01	.28	1	42	545
R145440	4	43	18	72	.1	40	13	1490	3.43	24	5	ND	4	34	.3	27	2	18	.13	.026	4	30	.09	892	.01	6	.69	.01	.30	1	17	335
R145441	7	44	25	109	.4	46	13	272	3.46	37	7	ND	6	39	.6	47	2	29	.15	.031	8	16	.06	737	.01	7	.52	.01	.27	1	200	820
R145451	3	180	14	81	1.4	14	4	29	10.27	396	5	ND	9	118	.2	71	2	74	.09	.068	21	29	.05	380	.01	4	.93	.01	.22	1	250	335
R145452	6	47	111	232	.4	23	6	388	7.96	245	5	ND	4	51	1.6	23	2	33	.02	.040	14	48	.02	188	.01	3	.59	.01	.12	1	4	10500
R145453	7	51	27	51	1.1	18	5	210	2.71	205	5	ND	5	10	.2	33	2	24	.04	.029	7	66	.03	61	.01	3	.39	.01	.11	1	11	6150
R145454	5	32	72	65	.8	4	1	11	5.91	392	5	ND	6	33	.2	21	2	14	.01	.043	21	43	.03	158	.01	5	.54	.01	.20	1	6	5750
R145455	15	94	23	840	.9	99	32	828	9.64	1457	8	ND	13	83	1.1	54	2	152	.04	.181	33	53	.07	542	.01	5	.91	.01	.29	1	300	3500
R145456	7	11	15	110	1.1	10	3	66	1.23	641	5	ND	1	58	.6	32	2	26	.02	.032	6	68	.02	944	.01	7	.25	.01	.08	1	210	8300
R145482	6	45	7	16	1.0	12	3	2524	4.66	21	5	ND	4	186	.2	29	2	17	3.95	.021	2	60	.90	697	.01	2	.21	.01	.09	1	29	230
R145483	17	7	24	26	.2	5	1	236	1.73	6	5	ND	1	44	.2	7	2	18	.39	.023	2	161	.06	260	.01	2	.13	.03	.14	1	9	215
R145484	15	22	7	13	.4	6	2	91	.70	7	5	ND	2	48	.4	11	2	13	.07	.015	5	154	.02	686	.01	3	.16	.01	.09	1	3	70
R145485	12	7	11	13	.2	4	1	60	.57	4	5	ND	1	29	.2	2	2	11	.04	.012	4	114	.01	227	.01	2	.10	.02	.05	1	7	30
STANDARD C/AU-R	18	58	37	132	6.9	71	32	1048	3.98	41	19	8	38	52	17.2	16	18	56	.51	.095	36	57	.92	175	.09	31	1.90	.07	.14	11	460	1500

BCTR 91-P-8 PACIFIC.

GRAB BOHEMIAN ZONE

GRAB SAMPLES

GRAB PACIFIC ZONE

Samples beginning 'RE' are duplicate samples.

R 145482, R 145486 - GRAB P-8 (1800OE) TRENCH.

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	Hg ppb
5486	13	127	3106	223	2.2	11	2	108	1.28	25	5	ND	1	9	.6	21	2	3	.02	.006	2	153	.02	163	.01	3	.11	.01	.05	1	10	225
5487	6	80	16	828	.2	113	44	1686	7.98	400	13	ND	14	63	4.4	30	2	56	.14	.107	55	49	.10	865	.01	6	.69	.01	.21	1	29	2050
5488	16	12	8	34	.1	10	2	60	.66	31	5	ND	1	33	.3	50	2	79	.03	.019	2	146	.03	1303	.01	4	.13	.01	.04	1	14	11000
5489	6	8	27	22	.5	3	2	103	.71	2781	5	ND	2	69	.6	47	2	14	.03	.051	9	61	.02	943	.01	7	.30	.01	.09	1	860	9200
5490 GRAB	7	3	135	20	31.2	4	1	42	.45	246	5	ND	1	23	.2	114	2	11	.01	.012	5	81	.01	277	.01	7	.24	.01	.08	1	260	16000
R145487	5	83	16	833	.3	114	43	1684	7.99	406	13	ND	14	63	4.5	33	3	56	.14	.106	55	42	.10	873	.01	6	.69	.01	.23	1	32	2050

ples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-030 File # 91-1704 Page 1

1050 Davie St., Vancouver BC V6E 1N4

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
R141702	12	29	94	375	.2	65	13	1205	4.15	63	5	ND	9	83	4.0	27	2	74	.10	.043	35	7	.06	1271	.01	8	.68	.01	.14	2	9
R141703	14	24	56	324	.3	59	13	1091	4.19	49	5	ND	11	99	3.9	24	2	67	.27	.091	41	7	.06	1189	.01	8	.81	.01	.14	1	7
R141704	13	19	57	333	.3	56	11	953	3.93	129	5	ND	13	94	3.8	20	2	62	.40	.104	46	16	.06	1072	.01	7	.74	.01	.16	1	16
R141705	13	20	33	450	.2	62	13	902	3.99	64	5	ND	14	40	3.6	21	2	79	.45	.144	52	21	.15	555	.01	5	1.04	.01	.20	1	9
R141706	11	27	28	316	.3	37	12	810	3.58	50	5	ND	14	44	2.1	13	2	68	.60	.136	47	28	.10	532	.01	8	.89	.01	.20	1	5
R141707	12	27	35	237	.4	41	13	1056	3.91	183	5	ND	14	88	2.8	23	4	54	.19	.089	50	8	.06	1229	.01	12	.79	.01	.17	1	18
R141708	10	26	48	192	.3	38	14	940	4.01	160	5	ND	12	80	1.5	23	3	51	.27	.058	45	1	.06	1940	.01	8	.69	.01	.15	1	13
R141709	12	32	39	197	.3	42	13	1176	3.75	128	5	ND	9	70	1.6	26	4	52	.27	.049	38	3	.06	1362	.01	8	.77	.01	.18	1	12
R141710	15	53	98	285	.7	67	18	1267	3.97	190	5	ND	8	48	2.7	33	2	62	.24	.044	33	3	.07	1429	.01	4	.74	.01	.16	1	26
R141711	11	44	110	171	.6	40	16	792	3.63	40	5	ND	10	63	.2	24	3	42	1.17	.055	35	12	.08	1169	.01	6	.79	.01	.20	1	5
R141712	6	18	34	128	.6	24	13	959	3.61	31	5	ND	14	33	.2	19	2	36	.91	.118	46	26	.12	498	.01	4	.86	.01	.21	1	4
R141713	5	17	32	126	.6	18	12	1102	3.70	16	5	ND	14	35	.2	17	2	44	.73	.117	47	11	.20	1242	.01	6	1.04	.01	.21	1	4
R141714	5	15	41	135	.5	21	12	852	3.82	16	5	ND	12	60	.2	21	2	44	1.18	.104	42	1	.13	2096	.01	7	.92	.01	.22	1	1
R141715	6	21	31	94	.3	18	12	614	3.62	18	5	ND	9	92	.2	13	2	35	3.52	.091	38	10	.12	1750	.01	8	.71	.01	.21	1	5
R141716	6	51	40	132	.6	41	13	700	3.55	473	5	ND	6	81	.2	32	2	37	3.87	.023	22	1	.09	1469	.01	2	.61	.01	.12	2	73
R141717	8	46	36	158	.4	54	16	798	4.06	91	5	ND	6	68	.2	34	2	55	3.43	.023	20	1	.12	1897	.01	2	.75	.01	.12	1	7
R141718	5	25	29	108	.2	25	13	648	3.70	596	5	ND	8	133	.2	17	2	31	4.34	.062	35	1	.11	2068	.01	7	.61	.01	.17	2	73
R141719	5	17	42	146	.5	20	11	1182	3.64	36	5	ND	15	108	.2	21	2	40	2.36	.108	53	1	.07	1946	.01	6	.61	.01	.18	1	7
R141720	6	20	28	116	.4	22	11	925	3.56	32	5	ND	10	90	.2	18	2	33	2.83	.053	40	1	.07	1333	.01	6	.59	.01	.15	1	1
R141721	8	25	26	161	.3	30	12	599	3.49	34	5	ND	7	127	.6	20	2	30	3.91	.045	34	1	.08	1209	.01	7	.70	.01	.17	2	3
R141722	13	59	37	220	.6	46	12	535	2.87	52	5	ND	6	148	1.1	26	3	71	4.57	.075	27	17	.08	1077	.01	4	.79	.01	.13	3	5
R141723	8	41	45	159	.4	49	13	656	3.61	26	5	ND	6	113	.2	23	2	43	5.36	.027	26	8	.11	960	.01	5	.70	.01	.15	3	1
R141724	6	19	24	98	.2	22	11	708	3.65	27	5	ND	9	146	.2	10	2	41	3.18	.057	36	1	.13	1694	.01	7	.75	.01	.14	1	1
R141725	7	20	29	96	.1	23	10	877	3.78	30	5	ND	11	101	.2	13	2	42	1.88	.082	42	1	.07	1297	.01	4	.70	.01	.14	1	3
R141726	3	15	22	87	.1	15	10	652	3.55	14	5	ND	11	109	.2	8	2	39	3.08	.082	37	1	.12	1784	.01	6	.66	.01	.16	1	1
R141727	7	19	28	97	.2	20	10	785	3.80	28	5	ND	11	85	.2	14	2	41	1.74	.045	33	11	.10	1026	.01	3	.67	.01	.13	1	1
R141728	7	18	29	98	.2	20	10	754	3.84	27	5	ND	12	76	.2	14	2	39	1.70	.052	38	12	.11	889	.01	5	.67	.01	.13	1	2
R141729	5	17	16	99	.1	18	11	752	3.48	12	5	ND	12	83	.2	12	2	47	2.23	.101	43	32	.35	639	.02	2	1.12	.01	.24	1	1
R141730	4	19	16	103	.2	21	11	745	3.50	13	5	ND	13	80	.2	10	2	57	1.83	.105	45	41	.36	554	.03	2	1.20	.01	.22	1	2
R141731	5	18	19	104	.2	17	11	811	3.32	9	5	ND	13	88	.2	9	2	53	2.29	.104	46	40	.35	518	.03	3	1.11	.01	.24	1	1
R141732	5	19	29	112	.2	21	11	702	3.83	19	5	ND	11	77	.2	9	2	43	2.37	.092	40	26	.31	899	.01	3	1.16	.01	.20	1	1
R141733	10	17	33	117	.2	21	12	797	3.73	28	5	ND	12	98	.2	8	2	46	2.32	.090	41	19	.19	921	.01	5	.80	.01	.15	1	2
R141734	5	14	12	93	.1	14	10	700	3.57	10	5	ND	13	110	.2	7	2	45	2.26	.102	42	32	.35	650	.02	8	.96	.02	.28	1	1
R141735	6	23	23	118	.1	22	12	699	3.82	25	5	ND	10	126	.2	13	4	47	1.82	.087	40	24	.25	906	.01	3	.76	.01	.17	1	1
R141736	7	24	24	117	.1	19	11	846	4.02	24	5	ND	9	125	.2	13	2	41	1.57	.052	35	16	.20	1005	.01	10	.70	.01	.16	1	1
R141737	12	19	31	138	.1	26	12	717	3.95	83	5	ND	8	73	.2	14	3	44	.85	.041	28	17	.07	858	.01	6	.64	.01	.12	1	3
R141738	14	31	18	129	.1	37	13	564	3.72	56	5	ND	9	63	.2	19	2	35	2.29	.079	32	11	.10	767	.01	6	.64	.01	.20	1	3
STANDARD C/AU-R	18	57	36	131	6.8	69	32	1022	3.88	38	17	6	37	51	18.4	16	21	56	.48	.090	37	58	.86	174	.09	34	1.86	.06	.15	13	470

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 11 1991 DATE REPORT MAILED: June 14/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Blue BC TR 91-85

JUN-14-1991 08:58 FROM ACME ANALYTICAL TO NORMAN P.002

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9106-020 File # 91-1602 Page 1

1050 Davie St., Vancouver BC V6E 1M4

JUN-10-1991 9:16 FROM ACME ANALYTICAL TO NORANDA YT P.002

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
R141601	13	82	7	270	2.4	76	7	127	1.07	62	5	ND	2	306	10.5	372	3	322	1.63	.034	15	58	.03	4195	.01	21	.55	.01	.12	1	13
R141602	43	241	35	790	10.8	179	10	113	1.67	74	5	ND	4	292	37.8	10617	2	1027	1.08	.545	25	92	.08	3678	.01	25	1.08	.01	.30	3	11
R141603	9	82	36	844	9.9	113	10	533	2.72	365	6	ND	7	132	45.8	27763	2	285	.40	.102	24	43	.03	322	.01	15	.68	.01	.14	1	49
R141604	21	61	46	462	.7	115	14	763	2.20	170	5	ND	14	177	6.1	491	2	457	.10	.104	42	19	.04	1586	.01	14	.93	.01	.18	1	21
R141605	38	104	27	418	1.9	106	6	140	1.28	91	7	ND	3	249	13.4	1362	2	427	.11	.107	15	44	.03	2213	.01	9	.54	.01	.10	1	33
R141606	8	46	35	530	.3	79	10	296	2.69	268	5	ND	14	134	5.4	245	3	157	.08	.089	37	15	.03	1247	.01	13	.82	.01	.15	1	23
R141607	10	35	36	435	.2	58	8	200	2.65	175	5	ND	13	157	4.1	239	2	215	.08	.102	37	6	.03	1404	.01	11	.91	.01	.16	1	10
R141608	7	37	32	579	.3	78	11	296	2.93	153	5	ND	14	136	3.6	292	2	233	.08	.101	37	1	.03	1254	.01	10	.89	.01	.15	1	12
R141609	9	39	31	489	.1	91	14	311	3.60	111	5	ND	16	162	3.8	242	2	265	.06	.133	41	45	.03	1781	.01	17	1.23	.01	.15	1	11
R141610	15	53	43	386	.7	60	9	255	2.50	72	5	ND	10	272	4.3	234	2	281	.37	.273	29	83	.03	2501	.01	19	1.00	.01	.15	1	15
R141611	10	113	41	660	.1	141	8	55	2.86	80	5	ND	16	141	4.8	232	2	370	.09	.145	43	19	.03	1413	.01	15	1.45	.01	.19	1	8
R141612	16	70	46	501	.6	99	7	41	3.04	119	5	ND	12	203	6.9	274	2	436	.08	.148	33	17	.03	2188	.01	14	1.07	.01	.18	1	10
R141613	26	78	14	334	1.9	79	11	48	2.23	82	5	ND	2	531	5.5	193	2	384	.07	.404	9	1	.03	8058	.01	18	.90	.01	.12	1	14
R141614	20	59	15	280	3.0	62	7	28	1.75	77	5	ND	3	329	4.9	155	2	406	.11	.226	10	27	.02	4673	.01	20	.67	.01	.11	1	11
R141615	20	47	19	157	3.2	50	7	30	1.39	61	5	ND	2	371	11.3	493	2	358	.16	.332	9	55	.03	4863	.01	22	.72	.01	.14	1	15
R141616	14	26	24	122	2.1	32	4	24	1.05	82	5	ND	5	173	1.8	141	2	223	.09	.112	14	35	.02	2344	.01	16	.61	.01	.14	1	40
R141617	13	38	34	240	2.2	42	5	43	2.48	312	5	ND	8	179	4.5	218	2	422	.11	.276	20	20	.03	2090	.01	16	.73	.01	.28	1	200
R141618	22	98	18	172	3.0	46	6	47	2.17	147	5	ND	3	429	4.2	112	2	371	.51	.612	17	64	.05	3810	.01	24	.96	.01	.22	1	25
R141619	7	24	36	641	.5	70	12	712	3.49	625	5	ND	9	116	6.9	88	2	131	.11	.104	28	8	.03	1225	.01	16	.85	.01	.18	1	24
R141620	8	18	28	557	.1	60	11	914	4.06	457	5	ND	12	87	1.9	54	2	89	.08	.083	33	9	.04	1114	.01	17	.89	.01	.21	1	6
R141621	9	13	26	518	.1	61	12	977	4.25	444	5	ND	10	60	1.9	54	2	122	.07	.077	26	18	.03	803	.01	11	.88	.01	.19	1	220
R141622	10	50	26	511	.8	81	11	516	3.59	418	5	ND	8	190	3.1	84	2	175	.13	.142	25	10	.05	2118	.01	16	1.08	.01	.20	1	16
R141623	10	42	24	499	.6	70	10	497	3.88	603	5	ND	10	158	5.0	142	2	105	.29	.200	30	20	.04	1558	.01	25	1.21	.01	.30	1	59
R141624	7	47	22	573	.3	63	12	773	4.49	639	5	ND	14	110	5.5	242	2	66	.11	.109	45	14	.04	958	.01	20	.93	.01	.23	1	110
R141625	7	35	31	571	.1	74	13	1387	4.55	183	5	ND	14	101	4.0	155	2	66	.16	.127	43	11	.04	1171	.01	13	.97	.01	.21	1	17
R141626	9	35	29	611	.1	84	13	1230	4.28	247	5	ND	12	77	3.5	175	2	67	.17	.114	38	12	.04	880	.01	10	.82	.01	.21	1	13
R141627	18	107	24	711	.8	118	15	609	4.13	911	5	ND	8	228	7.3	202	3	181	.12	.162	23	1	.04	2964	.01	17	.98	.01	.23	2	200
R141628	11	60	23	755	.5	99	13	659	3.79	192	5	ND	8	253	4.0	117	2	122	.08	.153	20	21	.04	2430	.01	15	.96	.01	.17	1	220
R141629	8	23	32	445	.4	68	15	1387	4.05	465	5	ND	11	108	2.3	81	2	71	.07	.090	26	1	.05	1331	.01	13	.90	.01	.17	1	330
R141630	6	44	27	381	.2	45	15	1622	4.11	333	5	ND	10	113	1.7	48	2	62	.06	.079	25	19	.06	1456	.01	17	1.26	.01	.25	1	29
R141631	6	50	33	239	.7	26	12	816	4.46	636	5	ND	8	98	1.1	40	2	48	.06	.065	21	16	.04	1191	.01	19	1.03	.01	.21	1	85
R141632	5	33	32	372	.3	50	15	1461	4.12	310	5	ND	8	81	4.3	30	2	53	.06	.059	18	3	.04	1578	.01	18	1.13	.01	.20	1	44
R141633	7	39	51	436	.7	62	16	1280	4.25	1561	5	ND	9	92	5.2	47	2	57	.08	.072	22	15	.04	1144	.01	15	1.09	.01	.17	1	770
R141634	7	33	33	332	.2	52	15	1347	4.55	1378	5	ND	12	141	1.3	132	2	52	.08	.080	34	8	.05	1456	.01	10	1.15	.01	.19	1	650
R141635	6	29	44	209	.1	43	15	994	4.61	1890	5	ND	12	120	.8	61	2	48	.10	.068	33	1	.05	1261	.01	6	.75	.01	.16	1	610
R141636	7	23	30	182	.2	41	15	1671	4.22	1084	5	ND	11	160	1.0	82	2	61	.07	.090	39	7	.06	1740	.01	11	1.24	.01	.22	1	210
STANDARD C/AU-R	18	55	38	132	7.0	70	31	1039	3.95	39	16	8	37	52	18.6	16	17	56	.48	.092	37	57	.89	177	.09	33	1.88	.06	.15	12	470

MOOSE HEAD 91-M-11 BOT 24 10

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: ROCK PULP AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 6 1991 DATE REPORT MAILED: June 10/91 SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9106-020 FILE # 91-1602

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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
R141637	7	44	32	215	.4	55	25	1426	5.38	664	5	ND	18	231	1.6	20	2	99	.06	.132	53	84	.05	2105	.01	7	1.30	.01	.15	2	160
R141638	7	22	41	227	.5	31	15	1167	4.50	1219	6	ND	13	141	1.0	11	2	59	.09	.082	42	59	.06	1520	.01	20	1.09	.01	.25	1	250
R141639	6	11	122	180	.7	15	12	942	4.39	3329	6	ND	11	84	1.2	13	2	38	.13	.048	38	51	.04	1055	.01	13	.74	.01	.19	1	980
R141640	11	41	34	266	2.7	48	15	564	4.04	2424	6	ND	9	359	1.1	21	2	159	.12	.203	37	86	.04	4136	.01	14	1.16	.01	.20	2	610
R141641	23	63	20	188	6.9	43	11	168	2.97	474	5	ND	6	690	1.0	54	2	331	.10	.436	24	155	.04	6949	.01	15	1.21	.01	.15	2	55
R141642	14	40	35	214	3.6	41	12	405	3.18	847	7	ND	8	499	1.0	29	4	196	.09	.277	30	108	.04	5073	.01	14	1.09	.01	.16	1	260
R141644	10	66	46	819	1.1	133	23	1417	4.28	297	5	ND	14	137	8.9	47	2	223	.21	.181	49	106	.11	1541	.01	18	1.36	.01	.24	1	48
R141645	8	68	46	1122	.9	189	31	1470	5.03	335	5	ND	18	195	11.1	53	2	167	.19	.205	66	84	.12	2122	.01	11	1.46	.01	.20	1	30
R141646	8	61	41	1117	.4	185	25	1444	4.88	377	9	ND	13	111	10.3	44	2	120	.07	.121	36	68	.06	1282	.01	15	1.02	.01	.15	1	24
R141647	6	53	40	849	.5	112	16	981	4.08	243	5	ND	13	86	6.5	31	2	106	.08	.092	33	48	.06	938	.01	11	.91	.01	.15	1	14
R141648	8	69	42	986	.3	127	14	431	4.37	261	6	ND	12	102	7.2	29	2	94	.10	.110	38	77	.06	974	.01	12	1.07	.01	.19	1	28
R141649	10	98	23	708	1.4	81	11	254	3.59	281	5	ND	9	282	6.3	39	2	230	.11	.188	32	112	.06	2674	.01	16	1.24	.01	.24	1	21
R141650	11	81	15	261	2.7	43	6	156	1.53	111	7	ND	4	262	3.6	36	2	296	.72	.389	22	173	.06	1877	.01	17	.78	.01	.17	1	35
R141651	10	129	14	245	3.7	48	5	155	1.48	122	5	ND	3	319	4.1	39	2	467	.98	.487	21	179	.06	1963	.01	20	.89	.01	.21	1	46
R141652	12	140	12	248	4.2	51	6	168	1.46	119	7	ND	3	431	5.3	37	2	730	1.81	.867	23	215	.08	2948	.01	25	1.16	.01	.26	1	49
R141653	11	182	9	339	3.3	61	8	286	2.12	128	5	ND	5	266	5.2	37	2	599	1.12	.511	28	166	.09	1866	.01	21	1.27	.01	.27	1	26
R141654	10	163	4	321	3.5	51	7	190	1.98	119	5	ND	3	509	5.4	45	2	513	2.25	1.078	19	154	.08	2541	.01	32	1.26	.01	.28	1	24
R141655	15	93	14	527	1.8	86	11	253	3.16	87	5	ND	7	120	5.2	28	2	209	.30	.180	24	69	.06	2559	.01	24	.86	.01	.30	1	36
R141656	12	127	12	656	2.0	111	18	520	3.12	102	9	ND	5	214	7.7	36	2	425	.83	.445	19	119	.10	1861	.01	33	1.53	.01	.42	1	43
R141657	11	163	8	386	3.5	76	5	109	2.32	106	5	ND	5	195	6.1	29	2	551	1.16	.520	25	155	.10	1654	.01	28	1.39	.01	.36	1	45
R141658	24	111	19	731	1.2	130	10	240	3.54	107	5	ND	5	129	8.4	38	2	364	.16	.135	22	70	.08	1299	.01	25	.99	.01	.30	1	43
R141659	7	70	14	857	.6	149	15	392	4.00	103	5	ND	5	51	8.0	19	2	153	.12	.093	10	65	.10	998	.01	29	1.25	.01	.45	1	46
R141660	7	64	15	784	.8	156	17	813	3.38	83	5	ND	5	43	6.9	24	2	115	.11	.076	9	67	.08	640	.01	24	.99	.01	.35	1	34
R141661	6	67	18	1215	.7	225	21	467	3.67	95	7	ND	5	52	7.4	35	2	110	.12	.093	8	53	.08	1009	.01	22	.92	.01	.34	1	30
R141662	9	79	20	1286	.7	265	37	1829	4.37	106	6	ND	5	62	9.1	32	2	128	.13	.116	8	55	.08	1273	.01	21	.92	.01	.31	1	16
R141663	11	72	10	991	.9	214	32	1958	2.90	72	5	ND	4	60	6.6	29	2	113	.13	.078	6	78	.09	1698	.01	25	1.12	.01	.38	1	18
R141664	6	101	15	811	.6	176	18	1880	3.12	67	5	ND	3	45	8.6	21	2	96	.09	.061	7	40	.09	1092	.01	27	1.04	.01	.37	1	18
R141665	6	87	12	685	.7	165	19	1558	4.58	77	5	ND	3	44	11.2	23	2	93	.07	.059	5	33	.07	1577	.01	17	.80	.01	.27	1	13
R141666	7	65	5	621	.4	137	23	1286	3.11	71	6	ND	4	36	6.7	17	2	88	.06	.047	7	63	.09	1331	.01	29	1.07	.01	.46	1	11
R141667	7	43	10	804	.6	164	40	2013	3.72	75	5	ND	5	50	8.8	22	3	100	.05	.055	8	66	.10	1663	.01	30	1.13	.01	.49	1	8
R141668	6	50	15	1225	.5	220	40	827	4.98	80	6	ND	5	42	8.6	22	2	97	.07	.071	9	52	.10	874	.01	40	1.19	.01	.52	1	15
R141669	6	54	13	1553	.5	345	38	681	6.22	90	7	ND	5	39	11.0	33	2	97	.07	.091	9	42	.09	933	.01	29	1.12	.01	.46	1	22
R141670	9	90	8	1570	.6	275	22	280	5.63	71	7	ND	5	34	8.6	33	2	62	.06	.084	8	49	.08	857	.01	26	1.04	.01	.42	1	18
R141671	7	128	2	986	.5	170	15	245	4.07	71	5	ND	3	32	6.5	51	2	44	.05	.070	5	26	.05	499	.01	18	.81	.01	.31	1	11
R141672	11	108	6	1353	.7	206	13	218	5.04	149	8	ND	4	41	9.4	160	2	71	.07	.109	6	35	.05	479	.01	14	.85	.01	.28	1	33
STANDARD C/AU-R	18	59	37	136	7.4	70	34	1050	4.02	36	20	6	38	52	18.6	14	18	54	.48	.090	38	58	.90	181	.09	31	1.91	.06	.15	13	510

BCTR 91-P-6
PACIFIC

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
R141673	14	61	17	1269	.3	187	11	175	3.49	105	5	ND	4	49	6.1	242	2	69	.09	.060	5	17	.07	1079	.01	19	1.07	.01	.38	2	8
R141674	27	134	25	2893	.9	383	23	342	7.88	294	5	ND	5	209	13.9	453	2	122	1.82	1.515	17	18	.09	1253	.01	28	1.60	.01	.44	14	50
R141675	19	101	28	1736	.8	263	19	257	5.86	273	5	ND	5	402	10.8	265	2	96	.90	.700	19	19	.06	2565	.01	23	1.28	.01	.31	12	100
R141676	48	106	25	1689	1.8	286	20	467	8.97	1533	5	ND	6	131	30.5	559	2	230	.10	.205	16	21	.03	1679	.01	4	.81	.01	.11	10	1240
R141677	34	79	21	1477	1.7	222	21	534	7.78	2218	5	ND	6	126	34.5	215	2	156	.10	.117	13	42	.03	1317	.01	6	.71	.01	.16	6	2760
R141678	21	39	19	951	1.6	113	12	251	4.86	1461	5	3	3	108	20.0	120	2	88	.10	.064	8	17	.04	900	.01	5	.71	.01	.29	5	1490
R141679	16	52	18	537	.5	50	5	82	2.87	558	5	ND	3	54	5.9	36	2	64	.06	.036	7	57	.03	781	.01	6	.59	.01	.21	3	440
R141680	26	69	20	1263	.3	159	11	201	5.78	551	5	ND	3	105	9.8	63	2	84	.08	.106	12	34	.04	1517	.01	6	.90	.01	.25	6	17
R141681	29	56	15	1274	.7	198	16	320	5.23	580	6	ND	2	74	10.4	53	2	75	.09	.104	5	10	.04	1991	.01	8	.84	.01	.21	7	65
R141682	36	97	25	1476	.4	219	21	286	6.33	592	5	ND	7	109	10.0	51	2	84	.08	.130	21	39	.04	1849	.01	8	1.06	.01	.21	8	15
R141683	22	72	19	1337	.4	207	18	590	5.19	404	5	ND	4	81	7.9	48	2	80	.09	.093	12	22	.05	2103	.01	8	.90	.01	.22	8	31
R141684	58	111	28	3668	.5	570	32	2139	14.36	1418	7	ND	10	98	27.4	288	2	122	.12	.280	21	37	.05	2211	.01	10	1.21	.01	.21	20	41
R141685	52	89	11	3876	.8	655	38	1617	16.75	1435	9	ND	4	66	22.6	384	2	123	.15	.285	8	1	.05	1580	.01	9	1.18	.01	.24	21	43
R141686	24	82	25	1538	.9	265	13	298	7.86	528	5	ND	5	125	8.3	247	2	110	.13	.181	14	114	.04	1446	.01	8	.91	.01	.19	9	33
R141687	17	53	18	582	.7	81	5	126	3.48	355	5	ND	4	94	4.6	66	2	57	.14	.060	5	29	.04	1018	.01	9	.78	.01	.29	3	220
R141688	22	46	22	733	.4	131	13	272	5.03	637	5	ND	3	76	7.7	156	2	76	.11	.077	7	59	.03	1708	.01	2	.77	.01	.20	5	210
R141689	15	48	43	717	.5	126	38	2513	4.37	507	5	ND	13	88	5.4	110	2	88	.08	.067	31	55	.04	2416	.01	9	.76	.01	.16	5	70
R141690	7	16	23	280	.8	46	6	473	1.33	253	5	ND	3	62	2.7	111	2	28	.07	.026	7	18	.04	1332	.01	4	.56	.01	.22	2	480
R141691	6	35	35	510	1.3	82	13	770	2.71	548	5	ND	4	63	10.4	1005	2	38	.12	.034	9	1	.06	1196	.01	3	.80	.01	.32	2	298
R141692	7	47	23	540	.4	87	17	1094	3.18	401	5	ND	4	45	4.5	51	2	28	.10	.036	6	11	.05	636	.01	5	.64	.01	.25	2	33
R141693	4	47	20	478	.3	72	10	479	3.19	201	5	ND	5	48	2.4	40	2	30	.11	.034	6	7	.07	594	.01	7	.90	.01	.39	2	33
R141694	5	44	19	410	.2	64	14	592	2.53	290	6	ND	5	46	2.6	39	2	27	.10	.029	8	9	.06	755	.01	4	.78	.01	.32	2	13
R141695	9	47	32	548	.1	108	23	1164	4.75	859	5	ND	22	85	5.7	95	2	50	.08	.075	57	6	.07	1164	.01	6	.86	.01	.22	4	30
R141696	10	45	43	620	.2	108	25	1318	5.39	1149	5	ND	22	98	6.9	126	2	60	.08	.076	55	8	.06	1260	.01	10	.96	.01	.19	6	180
R141697	9	43	39	551	.1	107	25	1563	5.13	1051	5	ND	24	99	6.2	103	2	52	.07	.061	65	3	.05	1303	.01	4	.87	.01	.18	3	94
R141698	9	45	37	454	.1	84	28	1338	5.31	1420	5	ND	22	99	8.3	114	2	49	.07	.077	61	1	.04	1316	.01	5	.66	.01	.15	2	230
R141699	10	59	29	468	.1	89	19	1149	4.20	572	5	ND	16	91	2.4	111	2	48	.06	.065	42	31	.05	1181	.01	4	.82	.01	.15	2	150
R141700	18	54	19	241	.3	65	12	934	2.49	431	5	ND	5	63	1.9	132	2	29	.04	.039	16	136	.04	899	.01	7	.65	.01	.18	2	84
STANDARD C/AU-R	18	57	40	131	6.7	70	32	1043	3.95	39	18	8	39	52	18.4	15	21	55	.48	.090	39	56	.88	176	.09	34	1.89	.06	.15	13	470

PACIFIC BCTR 91-P-6

SOILS
PERIMETER

093027

NORANDA VANCOUVER LABORATORY

Geochemical Analysis

Project Name & No.: BREWERY CREEK – 327 **Geol.:** J.D. **Date received:** JULY 26 **LAB CODE:** 9107–103
Material: 167 SOILS **Sheet:** 1 of 4 **Date completed:** JULY 31
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ *Organic*, Δ *Humus*, *S Sulfide*

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

•Sb – Aqua Regia/ Tartaric acid /AA

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	•Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	23700E–19000N	10	0.4	4.38	20	2253	1.5	5	0.29	0.2	66	10	45	19	2.80	23	1.07	33	23	0.45	438	5	0.07	22	0.08	25	6	162	0.11	223	116
3	19050	5	0.2	2.92	7	902	1.0	5	0.60	0.2	70	7	42	30	2.75	31	0.61	32	20	0.57	319	1	0.06	28	0.08	9	1	68	0.16	103	86
4	19100	20	1.2	3.80	77	831	1.2	5	0.33	1.4	57	16	48	46	3.27	24	0.50	27	25	0.55	493	6	0.05	69	0.09	16	30	85	0.14	159	245
5	19150	15	0.2	3.96	101	439	1.1	5	0.30	0.2	64	8	43	14	4.04	28	0.48	31	24	0.45	283	2	0.04	16	0.05	19	8	44	0.18	111	91
6	23700E–19200N	20	0.2	3.40	80	554	1.3	5	0.35	0.2	77	8	38	17	3.06	26	0.47	33	20	0.50	570	1	0.03	17	0.11	36	26	42	0.14	111	103
7	23700E–19250N	380	0.8	5.07	169	905	2.6	5	0.58	0.4	126	10	30	27	3.46	32	0.79	71	27	0.52	629	1	0.04	25	0.12	39	34	65	0.12	147	158
8	19300	110	0.4	3.78	71	894	1.5	5	0.38	0.6	75	9	40	27	3.00	29	0.72	34	22	0.50	416	7	0.04	38	0.06	20	26	57	0.13	201	216
9	19350	15	0.4	3.20	9	620	1.1	5	0.50	0.2	63	10	42	34	3.02	33	0.64	26	18	0.47	431	1	0.04	30	0.07	11	4	92	0.15	116	90
10	19400	45	0.2	3.32	67	705	1.0	5	0.46	0.2	60	9	46	23	2.70	26	0.61	26	20	0.52	396	1	0.04	23	0.06	12	6	88	0.13	98	79
11	23700E–19450N	5	0.2	3.35	60	619	0.7	5	0.33	0.2	51	4	43	13	2.30	16	0.63	25	13	0.35	242	1	0.05	12	0.04	5	1	66	0.16	103	48
12	23700E–19500N	5	0.2	2.69	2	770	0.9	5	0.62	0.2	53	8	43	31	2.46	21	0.50	24	17	0.51	299	1	0.05	28	0.08	7	4	61	0.14	89	74
13	19550	5	0.2	3.30	2	609	0.8	5	0.71	0.2	63	7	42	21	2.37	27	0.61	28	21	0.71	247	1	0.06	21	0.07	9	4	70	0.20	104	86
14	19600	25	0.6	3.45	54	1478	1.3	5	0.55	0.2	82	11	46	18	2.81	27	0.60	38	22	0.53	676	4	0.05	20	0.10	23	8	68	0.15	139	98
15	19650	10	0.8	4.75	2	2536	1.7	5	0.51	0.2	61	10	77	46	3.31	33	1.49	31	18	0.46	297	5	0.03	54	0.14	16	2	144	0.20	236	81
16	23700E–19700N	5	0.4	3.65	11	1352	1.2	5	0.45	0.2	47	10	56	35	3.70	28	0.73	24	19	0.39	227	5	0.05	36	0.08	13	4	96	0.22	201	77
17	23700E–19750N	5	0.4	4.30	7	1903	1.0	5	0.18	0.2	43	5	59	30	3.60	25	0.83	23	25	0.37	91	3	0.05	21	0.11	9	2	112	0.22	263	43
18	19800	5	0.2	5.03	2	1321	1.1	5	0.14	0.2	54	13	51	43	4.77	26	0.76	29	29	0.58	174	2	0.04	37	0.10	6	1	82	0.24	211	87
19	19850	150	1.2	3.71	213	1984	1.1	5	1.02	0.7	62	9	66	52	2.63	37	0.76	26	16	0.44	357	4	0.04	50	0.16	10	8	132	0.16	195	125
20	19900	10	0.4	2.29	11	856	0.9	5	2.08	0.5	56	8	36	36	1.56	38	0.53	18	17	0.65	543	2	0.04	28	0.08	8	4	102	0.09	74	80
21	23700E–19950N	5	0.2	3.33	15	588	0.9	5	0.44	0.2	56	9	46	28	2.69	25	0.64	26	23	0.51	182	1	0.03	26	0.04	8	1	58	0.10	81	67
22	23700E–20000N	5	0.2	3.31	33	475	0.9	5	0.31	0.2	52	10	43	24	2.99	24	0.52	25	24	0.53	243	1	0.04	25	0.04	8	2	47	0.14	89	69
23	20050	5	0.6	3.86	2	430	1.0	5	0.31	0.2	51	13	46	20	3.33	22	0.47	25	25	0.59	274	1	0.04	28	0.04	10	4	43	0.16	100	98
24	20100	10	0.6	3.58	2	438	0.9	5	0.35	0.2	56	10	46	22	3.41	26	0.37	28	25	0.48	267	2	0.04	23	0.05	9	2	50	0.18	106	87
25	20150	5	1.0	3.61	2	523	1.0	5	0.36	0.3	55	13	43	20	3.62	26	0.42	27	22	0.49	291	2	0.04	24	0.07	11	4	51	0.20	102	201
26	23700E–20200N	5	0.2	2.98	3	400	0.8	5	0.14	0.2	41	8	25	34	3.89	17	0.63	21	16	0.34	269	2	0.03	21	0.05	6	2	40	0.11	75	70
27	23700E–20250N	5	0.4	2.97	11	447	0.8	5	0.28	0.2	52	9	41	20	3.90	24	0.53	27	17	0.36	581	3	0.04	19	0.21	12	2	59	0.18	119	66
28	20300	5	0.2	2.92	3	377	0.6	5	0.28	0.2	49	9	39	15	4.03	22	0.39	25	33	0.55	377	1	0.04	19	0.05	4	2	41	0.16	101	57
29	20350	5	0.2	2.92	2	876	0.7	5	0.61	0.2	63	11	41	23	2.85	30	0.50	28	22	0.53	345	1	0.04	29	0.08	4	2	66	0.18	115	84
30	20400	5	0.2	2.78	2	814	0.7	5	0.33	0.2	46	4	47	19	1.27	23	0.56	22	17	0.36	104	1	0.04	18	0.07	5	2	53	0.16	106	39
31	23700E–20450N	750	0.4	5.37	508	2475	1.8	5	0.92	0.2	70	13	64	52	3.46	26	1.33	36	21	0.41	688	1	0.06	45	0.15	5	4	112	0.12	141	104
32	23700E–20500N	10	0.4	3.68	49	1249	1.0	5	2.27	0.2	56	13	52	37	2.88	31	0.70	24	35	0.66	1711	1	0.04	28	0.10	2	6	112	0.12	114	58
33	20550	5	0.2	4.45	19	2426	1.1	5	1.39	0.2	77	21	61	58	4.84	30	0.67	32	41	0.72	1301	1	0.05	42	0.07	12	8	58	0.12	141	72
34	20600	5	0.2	1.42	4	915	0.6	5	4.15	0.5	47	12	45	47	1.71	25	0.15	23	16	0.38	1095	1	0.04	42	0.11	2	1	119	0.09	60	39
35	20650	5	0.2	3.98	10	1648	0.9	5	0.81	0.2	57	24	106	37	4.40	35	0.51	27	52	1.34	819	1	0.04	59	0.12	3	1	59	0.18	176	85
36	23700E–20700N	5	0.2	3.13	2	728	0.9	5	1.40	0.2	71	20	103	49	4.11	38	0.39	32	40	0.90	843	1	0.04	68	0.06	5	2	70	0.17	117	73

Any inquiries BP

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	23700E-20750N	5	0.6	3.59	11	787	1.1	5	0.28	0.2	59	12	60	59	5.02	29	0.63	31	25	0.42	367	3	0.06	44	0.10	9	1	59	0.19	129	170
38	20800	5	0.2	3.46	2	1525	0.7	5	0.54	0.2	55	13	38	20	3.92	35	0.28	25	43	0.68	894	1	0.05	22	0.05	5	4	51	0.20	126	62
39	20850	5	0.2	2.66	2	1184	1.0	5	0.42	0.2	61	12	28	20	6.14	29	0.22	24	30	0.45	1409	4	0.06	13	0.09	2	1	37	0.14	122	49
40	20900	5	0.2	3.94	10	1528	1.1	5	0.35	0.2	58	14	45	24	3.53	31	0.88	27	21	0.46	305	1	0.03	28	0.05	43	4	44	0.16	132	109
41	23700E-20950N	5	0.2	3.46	2	1937	1.1	5	0.99	0.2	68	13	73	46	3.34	31	0.85	30	28	0.63	376	2	0.04	38	0.11	8	4	77	0.11	139	120
42	23700E-21000N	5	0.2	2.80	9	294	0.5	5	0.24	0.2	56	5	47	36	3.24	23	0.31	29	15	0.22	248	1	0.03	13	0.04	23	4	44	0.15	107	53
43	23800E-19000N	5	0.4	3.37	18	1134	0.9	5	0.39	0.3	58	5	44	15	1.83	25	0.64	27	18	0.43	157	1	0.05	18	0.08	17	14	71	0.13	138	92
44	19050	10	1.2	2.94	61	403	0.6	5	0.25	0.2	53	4	39	18	2.74	22	0.37	26	11	0.28	212	1	0.05	15	0.05	26	20	53	0.16	95	96
45	19100	5	0.2	3.03	4	451	0.8	5	0.31	0.2	55	7	36	12	2.35	24	0.36	27	17	0.43	211	1	0.04	15	0.03	17	4	42	0.17	87	58
46	23800E-19150N	5	0.2	2.22	9	341	0.5	5	0.31	0.2	50	6	34	10	2.41	22	0.40	24	15	0.41	185	1	0.04	15	0.05	8	1	37	0.14	73	49
47	23800E-19200N *¤	5	0.4	1.07	19	839	0.6	5	2.10	0.9	41	5	16	17	0.86	34	0.18	13	8	0.25	1038	2	0.03	11	0.08	8	10	141	0.04	39	115
48	19250 *¤	5	0.4	0.46	7	479	0.3	5	0.79	1.7	37	3	10	14	0.78	23	0.09	12	3	0.11	280	1	0.03	9	0.10	11	32	60	0.03	15	95
49	19300 *¤	10	1.0	0.92	14	725	0.9	5	2.32	4.6	41	5	19	59	0.84	30	0.17	14	6	0.43	653	7	0.03	80	0.10	6	10	176	0.02	98	274
51	19350 *¤	10	0.2	0.66	3	310	0.3	5	0.90	0.7	22	2	13	15	0.65	15	0.13	6	3	0.18	129	2	0.03	12	0.08	2	1	84	0.03	23	108
52	23800E-19400N	5	0.8	3.89	7	1058	1.2	5	0.66	0.9	54	12	42	33	2.26	21	0.81	25	19	0.50	1401	4	0.05	26	0.13	11	1	81	0.12	128	145
53	23800E-19450N *	140	0.4	1.70	138	587	0.7	5	0.37	0.2	30	4	23	30	1.44	16	0.49	13	6	0.19	164	1	0.05	13	0.10	6	2	78	0.06	43	82
54	19500 *¤	10	0.2	0.90	25	722	0.6	5	1.97	0.9	34	6	15	35	1.01	29	0.17	8	6	0.37	1636	1	0.03	16	0.10	2	2	153	0.04	25	64
55	19550	5	0.2	1.98	18	577	0.8	5	1.07	0.5	49	9	24	31	2.00	31	0.43	18	12	0.45	957	2	0.04	19	0.11	7	1	85	0.09	57	98
56	19650	5	0.4	0.16	15	162	0.3	5	12.66	0.5	4	2	7	15	0.17	2	0.06	1	6	0.40	112	3	0.03	9	0.05	2	1	367	0.01	18	163
57	23800E-19750N	5	0.2	4.47	9	1142	1.4	5	0.63	0.2	64	20	29	37	3.76	28	1.04	27	24	0.56	1900	1	0.04	42	0.09	12	1	56	0.12	68	143
58	23800E-19800N	5	0.4	3.03	7	1043	1.1	5	0.95	0.4	55	21	28	37	2.84	34	0.62	20	23	0.43	2615	2	0.07	31	0.09	13	1	59	0.11	62	125
59	19850	5	0.2	3.86	73	934	1.3	5	0.48	0.2	63	19	28	38	3.44	28	0.83	26	20	0.49	1499	3	0.04	43	0.07	16	1	52	0.12	73	139
60	19900	5	0.6	2.72	28	435	0.8	5	0.30	0.2	61	7	35	18	2.36	30	0.40	29	14	0.32	230	3	0.05	21	0.08	17	1	60	0.16	93	57
61	19950	5	0.4	4.61	312	1572	1.1	5	0.13	0.2	61	13	56	42	4.10	22	0.77	33	17	0.27	202	2	0.03	34	0.13	10	4	106	0.14	197	75
62	23800E-20000N	5	0.2	2.44	12	404	0.5	5	0.28	0.2	55	6	40	22	1.95	25	0.48	26	9	0.24	187	1	0.04	16	0.04	8	1	45	0.13	80	53
63	23800E-20050N	5	0.4	3.69	2	592	1.0	5	0.32	0.2	57	12	42	22	3.27	24	0.62	26	26	0.63	309	1	0.04	28	0.04	9	1	41	0.14	85	86
64	20100	5	0.4	2.99	2	376	0.7	5	0.40	0.3	58	15	43	19	3.15	29	0.41	27	25	0.41	780	1	0.05	20	0.05	10	2	47	0.19	106	134
65	20150	5	0.2	3.32	50	366	0.7	5	0.29	0.2	53	8	46	17	4.32	32	0.41	25	26	0.42	310	2	0.04	16	0.06	12	2	46	0.22	124	95
66	20200	15	0.2	2.81	50	470	0.8	5	0.32	0.2	61	9	33	22	2.71	27	0.47	27	18	0.49	271	2	0.04	23	0.03	12	1	46	0.15	84	57
67	23800E-20250N *¤	5	0.2	0.51	8	1116	0.3	5	3.29	1.2	34	4	11	19	0.40	35	0.11	8	6	0.15	234	6	0.03	8	0.07	4	1	159	0.04	34	87
68	23800E-20300N *¤	5	1.0	0.46	3	655	0.2	5	0.87	0.9	34	5	8	9	0.65	25	0.09	10	4	0.10	262	1	0.02	8	0.11	6	6	50	0.03	12	46
69	20350	5	0.2	2.98	2	334	0.5	5	0.30	0.2	55	4	38	10	2.91	29	0.32	26	15	0.33	216	1	0.04	10	0.10	12	1	47	0.21	105	41
70	20500 *¤	5	0.6	1.22	7	909	0.5	5	1.28	0.5	64	9	17	21	1.05	31	0.22	22	6	0.16	851	1	0.03	17	0.14	5	1	55	0.05	26	90
71	20550 *¤	5	0.2	2.20	20	1115	0.7	5	0.80	0.2	42	7	38	36	2.12	17	0.44	19	10	0.30	350	1	0.03	20	0.11	3	1	50	0.08	76	61
72	23800E-20600N *¤	5	0.4	0.26	5	276	0.2	5	1.29	0.3	20	1	10	8	0.33	17	0.07	3	2	0.09	46	1	0.02	4	0.05	2	6	54	0.02	11	67
73	23800E-20650N *¤	5	0.4	1.30	2	698	0.3	5	1.19	0.4	24	9	42	23	2.08	22	0.15	7	17	0.31	885	1	0.03	21	0.09	2	2	51	0.10	72	32
74	20700	5	0.6	2.86	2	564	0.6	5	0.35	0.2	48	10	42	16	3.01	20	0.46	25	25	0.45	374	1	0.05	15	0.04	5	2	31	0.22	98	67
75	20750	5	0.6	2.56	2	1046	0.6	5	0.75	0.2	49	9	45	14	2.76	27	0.33	22	22	0.40	405	2	0.04	19	0.06	5	2	43	0.18	137	91
76	20800 *	5	0.8	2.11	2	747	0.8	5	0.31	2.4	49	8	35	24	2.17	22	0.51	24	16	0.25	239	5	0.05	24	0.11	5	1	31	0.14	177	153
77	23800E-20850N *¤	5	0.6	1.71	3	985	0.7	5	1.95	0.8	70	6	25	23	1.49	36	0.33	33	15	0.22	665	2	0.03	15	0.10	3	1	63	0.10	59	75
78	23800E-20900N	5	0.2	3.34	8	403	0.6	5	0.27	0.2	56	6	43	25	3.71	28	0.35	27	19	0.37	287	1	0.05	17	0.05	12	1	44	0.21	127	58
79	20950	5	1.4	1.15	3	227	0.3	5	0.11	0.2	26	2	27	20	0.91	16	0.24	11	5	0.08	72	1	0.19	6	0.06	9	1	20	0.09	46	58
80	23800E-21000N	5	0.4	3.39	4	1458	1.0	5	1.30	0.5	61	16	61	43	3.38	34	0.82	25	29	0.62	734	2	0.04	43	0.12	11	1	80	0.15	157	145
81	23900E-19000N	40	1.2	4.12	40	444	1.2	5	0.34	0.2	61	9	49	20	3.70	25	0.44	30	30	0.56	277	2	0.04	23	0.05	22	10	45	0.16	108	80
82	23900E-19050N	5	0.4	3.65	17	496	1.1	6	0.36	0.3	61	9	43	20	3.47	29	0.50	29	25	0.61	261	3	0.05	22	0.04	24	1	46	0.17	109	101

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
83	23900E-19100N	25	0.2	3.62	41	1154	1.5	6	0.46	0.4	78	8	39	20	2.70	34	0.49	38	20	0.50	388	1	0.07	18	0.08	25	8	54	0.17	99	82
84	19150	15	0.6	4.75	52	840	2.2	5	0.60	0.4	82	10	24	17	3.32	35	0.48	35	26	0.67	524	2	0.03	17	0.10	56	20	58	0.15	108	126
85	19200	90	0.8	3.12	60	761	1.4	8	0.94	1.5	70	7	26	22	1.93	37	0.61	29	18	0.43	491	5	0.04	22	0.10	28	12	85	0.11	166	180
86	19300	30	1.4	3.42	29	768	1.2	5	0.54	3.0	66	6	44	33	1.96	33	0.54	30	21	0.54	275	6	0.04	26	0.13	22	18	61	0.14	268	258
87	23900E-19350N	20	1.0	3.69	38	922	1.4	5	0.65	0.5	71	9	35	27	2.73	36	0.77	31	22	0.56	298	8	0.05	41	0.08	14	6	81	0.14	194	214
88	23900E-19400N	5	0.2	4.14	28	905	1.2	5	0.34	0.2	65	8	33	20	2.18	33	0.91	29	18	0.41	212	3	0.06	23	0.06	15	2	57	0.14	113	101
89	19450	10	1.0	3.88	22	1145	1.6	6	1.24	0.6	69	18	34	40	2.98	40	1.03	27	21	0.66	1200	3	0.05	37	0.11	18	4	92	0.12	99	114
90	19500	5	0.4	3.31	8	705	1.0	7	0.43	0.2	67	6	34	20	2.26	35	0.81	29	19	0.52	176	1	0.04	19	0.07	15	1	55	0.15	88	75
91	19550	10	0.6	2.73	2	685	0.9	5	1.67	0.8	56	7	41	27	1.69	24	0.62	24	21	0.53	223	1	0.05	32	0.08	8	4	84	0.12	98	118
92	23900E-19600N	5	0.2	4.30	2	690	1.4	5	0.44	0.2	61	15	32	31	3.10	17	1.02	29	32	0.57	687	1	0.04	33	0.04	10	1	56	0.13	77	89
93	23900E-19650N	5	0.4	3.75	6	567	0.9	5	0.31	0.2	50	11	39	22	3.28	22	0.50	24	19	0.53	591	1	0.04	28	0.04	7	2	46	0.17	90	81
94	19700	35	0.4	3.24	183	819	1.2	5	0.62	0.2	56	10	35	48	3.01	26	0.76	26	19	0.54	316	1	0.04	32	0.06	7	1	79	0.13	89	84
95	19750	5	0.4	3.15	36	774	0.8	5	0.35	0.2	51	8	30	23	2.87	25	0.61	24	18	0.40	182	1	0.04	22	0.04	7	4	59	0.14	84	62
96	19800	5	0.2	3.46	36	623	0.8	5	0.35	0.2	57	11	28	22	3.34	27	0.65	26	20	0.42	366	1	0.05	24	0.04	8	2	51	0.16	84	77
97	23900E-19850N	5	0.2	3.64	42	596	0.9	5	0.37	0.2	59	13	34	20	3.18	29	0.40	27	24	0.48	522	3	0.05	28	0.04	13	1	46	0.17	87	89
98	23900E-19900N	5	0.2	3.15	3	374	0.6	5	0.31	0.2	57	9	34	14	2.84	29	0.34	26	20	0.43	262	1	0.04	21	0.03	9	1	44	0.17	81	63
99	19950	5	0.2	3.91	90	967	1.3	5	0.25	0.2	60	21	38	32	4.63	26	0.41	30	29	0.43	674	2	0.04	64	0.11	15	4	82	0.15	109	113
101	20000	5	0.2	2.69	25	494	0.8	5	0.35	0.2	57	7	43	21	2.44	27	0.55	26	17	0.44	228	1	0.04	20	0.08	11	1	47	0.14	109	55
102	20050 *¤	5	0.4	0.53	8	442	0.4	5	3.39	1.0	31	4	11	25	0.51	33	0.09	6	6	0.48	363	3	0.03	15	0.07	3	1	94	0.03	24	69
103	23900E-20100N	5	0.4	3.38	2	637	1.0	5	0.39	0.2	71	10	41	28	3.07	32	0.80	32	22	0.52	402	2	0.05	32	0.04	10	8	54	0.17	99	81
104	23900E-20150N	15	0.6	3.96	33	819	1.5	6	0.68	0.2	62	9	31	32	2.91	33	1.21	27	28	0.69	323	3	0.04	26	0.07	13	1	55	0.11	101	74
105	20200	5	1.0	3.44	19	1093	1.0	6	0.36	0.2	60	9	45	36	2.24	37	0.68	27	19	0.43	232	4	0.05	24	0.13	13	4	68	0.18	154	60
106	20250	5	0.6	3.65	2	680	0.8	5	0.27	0.2	53	19	43	30	4.65	34	0.33	25	46	0.61	655	2	0.05	30	0.07	9	1	35	0.19	153	90
107	20300	5	0.2	3.94	218	665	0.9	5	0.29	0.2	61	17	40	29	4.58	37	0.60	29	26	0.49	402	2	0.04	47	0.10	7	6	41	0.20	167	109
108	23900E-20350N	20	0.8	3.00	15	1558	0.8	6	0.34	0.2	66	3	42	14	0.83	40	0.81	32	13	0.26	82	1	0.05	12	0.09	16	6	94	0.17	129	25
109	23900E-20400N	10	0.4	3.80	195	555	0.8	5	0.31	0.2	53	11	40	18	3.75	32	0.43	25	25	0.53	370	1	0.05	21	0.07	12	2	46	0.18	111	68
110	20450	40	0.4	2.51	172	517	0.5	5	0.16	0.2	60	4	44	27	1.62	36	0.49	27	10	0.16	103	1	0.06	12	0.08	12	1	48	0.19	98	40
111	20500	120	0.6	4.07	430	1351	1.2	5	0.26	0.2	62	9	73	76	3.71	18	1.03	33	14	0.42	375	2	0.04	35	0.12	11	2	82	0.14	150	94
112	20550	10	0.8	4.37	33	1101	1.2	5	0.29	0.2	61	9	74	68	3.71	23	0.97	32	19	0.43	403	1	0.07	28	0.12	14	4	55	0.16	157	79
113	23900E-20600N	110	1.0	3.72	435	1420	1.0	5	1.95	0.2	62	16	57	62	3.74	34	0.65	25	17	0.40	550	2	0.03	40	0.09	14	2	79	0.16	141	72
114	23900E-20650N	5	0.4	3.55	2	1081	0.8	5	0.83	0.2	62	11	45	42	3.56	31	0.42	31	34	0.67	402	1	0.05	31	0.05	7	1	64	0.16	116	60
115	20700	5	0.6	3.39	2	820	0.8	5	0.44	0.2	69	10	43	24	3.15	31	0.53	33	26	0.46	326	1	0.05	21	0.05	13	1	57	0.19	103	56
116	20750	5	0.4	3.25	2	546	0.6	6	0.38	0.2	59	7	40	14	3.47	32	0.51	27	27	0.47	341	1	0.05	17	0.04	11	1	47	0.20	107	54
117	20850	5	0.8	4.29	2	1209	0.9	6	0.49	0.2	58	9	53	25	2.52	35	0.97	25	25	0.49	202	2	0.04	25	0.11	24	1	49	0.21	199	80
118	23900E-20900N	5	0.6	4.24	2	1328	1.2	9	0.78	0.2	74	14	51	36	3.61	43	0.94	33	34	0.93	429	2	0.05	37	0.12	14	1	70	0.21	184	126
119	23900E-20950N	10	0.8	3.05	4	967	0.8	7	0.51	0.2	70	13	42	47	2.53	41	0.59	30	24	0.62	521	2	0.05	24	0.10	16	1	61	0.17	100	75
120	23900E-21000N	10	0.8	3.05	3	696	0.8	9	0.44	0.2	64	7	46	45	2.73	37	0.57	28	23	0.52	276	2	0.04	20	0.13	15	1	55	0.17	111	74
121	24400E-20050N	5	0.2	2.57	142	574	0.7	5	0.34	0.2	55	7	37	19	2.30	25	0.56	27	12	0.29	281	1	0.05	15	0.04	7	1	55	0.15	85	52
122	20100	5	0.6	2.20	2	555	0.6	5	0.54	0.2	61	4	34	18	1.24	28	0.43	24	12	0.30	138	1	0.08	11	0.08	11	2	59	0.12	67	47
123	24400E-20200N *¤	5	0.4	1.63	20	493	0.4	5	0.38	0.2	35	6	30	18	2.01	23	0.31	14	10	0.27	149	1	0.02	13	0.12	6	6	38	0.07	63	73
124	24400E-20250N *¤	5	0.6	1.39	5	919	0.7	6	2.81	2.3	54	8	23	44	1.38	37	0.28	22	17	0.45	455	2	0.03	19	0.10	5	2	153	0.07	59	114
125	20300 *¤	5	0.2	0.10	5	529	0.3	5	3.38	3.2	26	3	5	23	0.15	25	0.05	5	4	0.21	199	9	0.02	8	0.07	2	2	156	0.01	12	74
126	20350	5	0.2	3.93	2	1103	1.1	5	0.43	0.2	54	12	43	40	3.51	26	0.71	28	36	0.77	184	3	0.04	30	0.07	6	2	81	0.21	180	91
127	20400	5	0.2	3.29	2	1655	1.0	5	0.73	1.4	52	20	48	44	3.46	33	0.62	22	38	0.65	1219	3	0.06	33	0.12	9	1	79	0.18	161	115
128	24400E-20450N	5	0.4	3.53	2	1066	1.1	5	0.36	0.3	51	14	36	49	3.57	27	0.62	26	42	0.83	386	5	0.04	23	0.09	14	1	63	0.15	107	121

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
																														9107-103 Pg. 4 of 4
129	24400E-20500N	5	0.4	2.18	2	1070	0.4	5	0.71	0.5	51	9	36	18	2.15	34	0.34	21	16	0.35	894	1	0.07	14	0.11	8	4	54	0.17	81	62
130	25400E-18000N	5	6.2	3.10	37	3806	2.2	5	0.90	6.3	63	7	147	144	2.62	37	0.58	33	20	0.41	185	25	0.06	73	0.52	13	26	202	0.10	1043	241
131	18050	5	2.8	3.49	13	992	1.1	5	0.46	1.0	53	7	73	40	3.40	20	0.44	29	23	0.49	238	9	0.05	32	0.25	6	6	66	0.19	414	125
132	18100	5	6.0	3.77	3	797	1.0	5	0.39	1.3	52	9	60	41	3.46	21	0.45	27	23	0.59	306	4	0.05	37	0.14	10	6	53	0.18	227	131
133	25400E-18150N	5	11.0	3.81	2	579	1.0	5	0.36	0.7	52	8	57	31	3.62	23	0.42	27	22	0.55	302	3	0.05	28	0.17	9	4	50	0.18	151	115
134	25400E-18200N	5	3.2	2.88	12	1958	1.5	5	0.89	2.3	68	11	94	85	2.79	34	0.60	35	19	0.49	431	6	0.06	41	0.43	9	10	135	0.16	231	146
135	18250	5	1.2	3.36	2	957	1.0	5	0.63	0.8	67	10	45	47	2.84	32	0.59	32	22	0.60	289	2	0.06	35	0.13	10	4	69	0.18	146	115
136	18300	5	0.8	2.95	5	730	0.8	5	0.50	0.9	58	10	39	26	2.50	31	0.53	28	19	0.51	356	3	0.06	24	0.12	12	4	57	0.17	139	88
137	18350	5	0.2	2.30	8	746	0.7	6	0.66	0.5	69	8	41	21	2.34	34	0.41	31	16	0.47	318	3	0.05	21	0.09	10	6	61	0.16	121	89
138	25400E-18400N	5	0.4	2.71	9	1354	1.0	5	0.89	1.5	77	9	36	27	2.35	33	0.61	35	20	0.59	348	3	0.06	29	0.11	12	4	88	0.16	178	175
139	25400E-18450N	5	2.8	2.08	15	1340	1.3	5	1.41	2.5	55	6	134	106	1.28	33	0.44	26	14	0.31	317	7	0.03	94	0.37	11	12	160	0.08	233	373
140	18500	5	0.8	3.62	3	916	1.3	5	0.38	0.2	61	10	36	36	2.69	22	0.97	29	16	0.46	238	2	0.03	35	0.04	11	6	69	0.13	85	85
141	18550	5	0.6	3.82	7	753	1.4	5	0.32	0.2	59	10	38	22	2.75	25	0.97	28	19	0.45	413	2	0.03	26	0.05	11	6	59	0.11	89	86
142	18600	5	0.2	2.92	15	562	0.9	5	0.36	1.5	56	8	45	26	2.03	28	0.50	27	19	0.40	347	17	0.04	42	0.06	11	18	52	0.13	437	614
143	25400E-18650N	5	0.4	3.69	5	555	1.0	5	0.19	0.2	52	10	39	31	4.18	27	0.80	25	20	0.47	295	18	0.04	41	0.06	13	6	59	0.14	129	140
144	25400E-18700N	5	0.2	3.73	2	712	1.1	5	0.36	0.2	65	9	39	24	2.51	38	0.75	30	20	0.42	320	4	0.08	21	0.05	15	2	64	0.20	154	88
145	18750	5	0.6	3.52	2	815	1.4	6	1.14	0.4	72	11	37	30	2.61	42	0.93	30	20	0.63	457	4	0.04	30	0.09	15	2	111	0.13	111	110
146	18800	5	0.2	3.25	24	666	1.0	5	0.34	0.2	60	11	34	26	3.44	35	0.75	28	21	0.44	494	3	0.04	25	0.08	15	6	95	0.15	120	100
147	18850	15	0.4	3.52	80	831	1.1	6	0.55	0.2	69	10	31	30	2.73	37	0.90	30	20	0.55	407	2	0.05	27	0.08	14	8	83	0.15	110	117
148	25400E-18900N	25	0.2	2.53	12	546	0.8	5	0.75	0.2	97	9	43	21	3.00	42	0.56	44	18	0.59	401	3	0.06	23	0.10	11	4	66	0.20	106	82
151	25400E-18950N	5	0.6	3.06	22	1424	0.9	5	0.80	0.2	55	8	53	30	2.74	20	0.62	29	23	0.66	275	1	0.05	29	0.11	4	10	77	0.15	151	148
152	19000	5	0.2	3.03	32	1274	1.0	5	0.77	0.8	59	10	43	29	2.65	21	0.66	28	21	0.56	409	2	0.05	34	0.10	12	6	82	0.14	142	175
153	19050	5	0.4	3.31	10	1995	0.9	5	1.42	0.2	60	15	56	33	4.39	29	0.53	27	26	0.65	280	2	0.06	36	0.12	2	1	114	0.17	147	83
154	19100	5	0.2*	3.61	2	2588	0.9	5	1.66	0.2	71	13	52	40	3.17	36	0.52	32	28	0.56	365	1	0.06	37	0.10	2	1	121	0.19	156	65
155	25400E-19150N	5	0.2	4.23	2	2746	1.0	5	1.10	0.2	80	38	46	39	4.60	33	0.46	34	48	0.69	1086	1	0.05	49	0.08	3	1	73	0.19	160	96
156	25400E-19200N	5	0.2	3.84	2	2314	0.9	5	0.56	0.2	50	22	56	33	4.68	29	0.32	24	48	0.71	486	2	0.08	39	0.07	2	1	43	0.20	180	99
157	19250	5	0.4	3.07	2	1391	0.8	5	1.49	0.2	56	11	45	35	3.09	35	0.49	25	31	0.56	232	2	0.05	33	0.07	4	1	83	0.18	134	76
158	19300	5	0.2	3.91	2	1126	1.0	5	0.65	0.2	71	24	51	31	4.37	31	0.49	27	42	0.73	744	1	0.05	43	0.06	8	1	44	0.18	145	74
159	19350	5	0.2	3.36	2	1112	0.8	5	0.69	0.2	57	14	42	22	3.44	30	0.41	25	31	0.61	347	1	0.05	30	0.05	5	1	51	0.18	124	63
160	25400E-19400N	5	0.2	3.33	2	957	0.7	5	0.57	0.2	57	17	47	17	3.36	31	0.38	25	31	0.57	509	1	0.04	25	0.06	7	1	48	0.19	118	82
161	25400E-19450N	5	0.2	3.03	10	971	0.8	5	0.76	0.2	61	11	55	26	3.01	28	0.35	29	25	0.60	547	1	0.05	30	0.05	10	1	51	0.13	109	79
162	19500	5	0.2	3.14	7	860	0.9	5	0.96	0.4	68	13	57	28	3.12	31	0.38	29	21	0.52	1555	1	0.07	33	0.08	9	2	48	0.14	109	105
163	19550	5	0.2	3.86	15	700	0.9	5	0.32	0.2	43	17	59	41	4.14	22	0.39	23	34	0.69	378	1	0.04	35	0.06	6	1	35	0.15	140	148
164	19600	5	0.4	2.94	10	511	0.7	5	0.42	0.2	53	11	43	22	2.96	28	0.34	26	22	0.49	400	2	0.05	24	0.06	10	1	45	0.16	94	66
165	25400E-19650N	5	0.2	3.48	36	803	0.9	5	0.46	0.3	47	15	46	30	3.94	29	0.51	24	34	0.62	329	2	0.04	29	0.06	9	1	45	0.16	138	96
166	25400E-19700N	5	0.2	3.07	20	868	0.7	5	0.67	0.2	53	10	42	23	3.40	34	0.41	24	30	0.47	268	2	0.05	21	0.06	9	1	46	0.17	132	71
167	19750	5	0.2	3.53	2	1029	0.9	5	0.50	0.2	50	15	45	28	3.98	32	0.43	23	43	0.84	360	2	0.04	32	0.05	9	1	38	0.16	131	75
168	19800	5	0.2	2.86	2	626	0.6	8	0.47	0.2	55	11	43	18	2.59	32	0.37	23	21	0.53	490	2	0.05	22	0.05	11	1	42	0.16	93	61
169	19850	5	0.2	3.42	2	730	0.8	5	0.32	0.2	50	18	34	17	4.26	30	0.29	23	38	0.64	338	3	0.05	21	0.05	10	2	35	0.16	99	82
170	25400E-19900N	5	0.2	3.86	2	934	1.2	7	0.30	0.2	64	14	57	31	4.11	32	0.64	33	45	0.51	281	3	0.03	38	0.05	14	1	35	0.15	128	118
171	25400E-19950N	5	0.4	4.24	186	1397	0.9	5	0.61	1.0	56	24	42	29	5.66	20	0.37	29	43	0.57	949	3	0.06	20	0.07	2	1	41	0.13	169	89
172	25400E-20000N	5	0.4	3.46	2	1036	0.9	5	0.73	0.2	60	14	62	29	4.05	27	0.34	28	35	0.85	430	1	0.05	39	0.05	3	1	54	0.21	133	74

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9107-103 327 FILE # 91-3035 Page 1
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Hg ppb
23700E 21000N	20
23700E 20950N	180
23700E 20900N	75
23700E 20850N	150
23700E 20800N	25
23700E 20750N	105
23700E 20700N	135
23700E 20650N	360
23700E 20600N	320
23700E 20550N	245
23700E 20500N	380
23700E 20450N	890
23700E 20400N	220
23700E 20350N	35
23700E 20300N	40
23700E 20250N	65
23700E 20200N	25
23700E 20150N	45
23700E 20100N	90
23700E 20050N	35
23700E 20000N	55
23700E 19950N	40
23700E 19900N	400
23700E 19850N	2750
23700E 19800N	50
23700E 19750N	245
23700E 19700N	110
23700E 19650N	675
23700E 19600N	340
23700E 19550N	50
23700E 19500N	105
23700E 19450N	75
23700E 19400N	225
23700E 19350N	185
23700E 19300N	315
23700E 19250N	1050
STANDARD C	1600

- SAMPLE TYPE: PULP HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 31 1991 DATE REPORT MAILED: Aug 3/91

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
23700E 19200N	255
23700E 19150N	65
23700E 19100N	1150
23700E 19050N	55
23700E 19000N	90
23800E 21000N	360
23800E 20950N	160
23800E 20900N	40
23800E 20850N	350
23800E 20800N	255
23800E 20750N	55
23800E 20700N	35
23800E 20650N	135
23800E 20600N	190
23800E 20550N	380
23800E 20500N	405
23800E 20350N	30
23800E 20300N	180
23800E 20250N	245
23800E 20200N	220
23800E 20150N	40
23800E 20100N	30
23800E 20050N	45
23800E 20000N	40
23800E 19950N	680
23800E 19900N	60
23800E 19850N	60
23800E 19800N	110
23800E 19750N	55
23800E 19650N	115
23800E 19550N	200
23800E 19500N	215
23800E 19450N	370
23800E 19400N	630
23800E 19350N	325
23800E 19300N	735
STANDARD C	1400

SAMPLE#	Hg ppb
23800E 19250N	320
23800E 19200N	335
23800E 19150N	20
23800E 19100N	10
23800E 19050N	60
23800E 19000N	695
23900E 21000N	100
23900E 20950N	175
23900E 20900N	275
23900E 20850N	310
23900E 20750N	20
23900E 20700N	80
23900E 20650N	85
23900E 20600N	390
23900E 20550N	165
23900E 20500N	400
23900E 20450N	90
23900E 20400N	80
23900E 20350N	875
23900E 20300N	145
23900E 20250N	30
23900E 20200N	410
23900E 20150N	315
23900E 20100N	60
23900E 20050N	155
23900E 20000N	290
23900E 19950N	300
23900E 19900N	20
23900E 19850N	35
23900E 19800N	25
23900E 19750N	75
23900E 19700N	345
23900E 19650N	30
23900E 19600N	25
23900E 19550N	310
23900E 19500N	225
STANDARD C	1500

SAMPLE#	Hg ppb
23900E 19450N	525
23900E 19400N	195
23900E 19350N	480
23900E 19300N	955
23900E 19200N	745
23900E 19150N	180
23900E 19100N	115
23900E 19050N	40
23900E 19000N	140
24400E 20500N	50
24400E 20450N	50
24400E 20400N	155
24400E 20350N	135
24400E 20300N	225
24400E 20250N	350
24400E 20200N	290
24400E 20100N	375
24400E 20050N	50
25400E 20000N	125
25400E 19950N	265
25400E 19900N	175
25400E 19850N	60
25400E 19800N	30
25400E 19750N	45
25400E 19700N	70
25400E 19650N	45
25400E 19600N	25
25400E 19550N	70
25400E 19500N	70
25400E 19450N	50
25400E 19400N	20
25400E 19350N	40
25400E 19300N	185
25400E 19250N	200
25400E 19200N	60
25400E 19150N	65
STANDARD C	1500

SAMPLE#	Hg ppb
25400E 19100N	125
25400E 19050N	180
25400E 19000N	315
25400E 18950N	320
25400E 18900N	60
25400E 18850N	195
25400E 18800N	70
25400E 18750N	340
25400E 18700N	100
25400E 18650N	60
25400E 18600N	130
25400E 18550N	315
25400E 18500N	380
25400E 18450N	785
25400E 18400N	395
25400E 18350N	260
25400E 18300N	470
25400E 18250N	590
25400E 18200N	325
25400E 18150N	150
25400E 18100N	200
25400E 18050N	340
25400E 18000N	2650
STANDARD C	1450

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No.: BREWERY CK. – 330 **Geol.:** R.D. **Date received:** OCT. 17 **LAB CODE:** 9110–026
Material: 55 SOILS **Sheet:** 1 of 2 **Date completed:** OCT. 22
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

•Sb – Aqua Regia/ Tartaric acid /AA

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	•Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	13800E–18050N	5	0.2	2.96	9	793	0.9	5	0.75	0.2	52	11	32	32	2.92	0.59	24	20	0.60	1085	1	0.06	28	0.08	4	1	66	0.14	92	88
3	18100	5	0.2	2.50	9	729	0.8	5	1.04	0.2	54	13	32	20	2.68	0.47	23	17	0.54	1490	2	0.06	21	0.09	3	1	78	0.14	80	80
4	18150	5	0.2	3.24	2	729	0.8	5	0.88	0.2	63	8	33	20	1.92	0.55	29	19	0.52	697	1	0.05	17	0.06	6	1	68	0.17	92	74
5	18300	5	0.2	2.37	8	633	0.7	5	0.59	0.2	101	7	42	19	2.23	0.44	49	14	0.37	330	1	0.04	16	0.07	3	1	56	0.21	81	57
6	13800E–18350N	5	0.2	2.79	9	753	0.8	5	0.57	0.2	69	9	36	23	2.53	0.44	32	16	0.42	414	1	0.04	22	0.06	4	1	57	0.17	88	61
7	13800E–18400N	5	0.2	4.28	11	1094	1.2	5	0.53	0.3	59	13	34	30	3.23	0.73	29	23	0.58	511	2	0.05	27	0.07	10	1	63	0.17	125	104
8	18450	5	0.2	4.17	9	1569	1.6	5	0.35	0.8	69	7	36	37	2.19	0.79	35	18	0.42	149	2	0.04	27	0.08	12	12	53	0.16	131	103
9	18500	5	0.2	3.24	9	764	1.0	5	0.40	0.2	69	6	35	22	2.29	0.63	34	18	0.48	189	2	0.04	18	0.05	9	4	50	0.17	102	75
10	18550	5	0.2	3.67	10	863	1.1	5	0.41	0.2	67	8	38	29	2.99	0.50	32	16	0.42	190	1	0.04	20	0.05	10	6	49	0.17	105	72
11	13800E–18600N	5	0.2	3.79	6	1113	1.3	5	0.39	0.2	70	9	42	33	2.43	0.64	37	20	0.43	210	1	0.04	22	0.05	11	6	54	0.16	111	76
12	13800E–18650N	5	0.2	4.11	8	1232	1.4	5	0.43	0.2	77	10	41	36	2.74	0.64	41	21	0.44	262	2	0.04	26	0.06	12	4	61	0.17	115	86
13	18700	5	0.2	4.07	3	992	1.3	5	0.53	0.2	74	12	40	36	3.15	0.62	37	24	0.54	398	2	0.05	26	0.06	11	2	64	0.18	113	82
14	18750	5	0.2	4.07	6	1002	1.2	5	0.46	0.2	73	10	40	30	2.67	0.62	37	20	0.44	264	2	0.04	22	0.06	10	4	58	0.18	113	78
15	18800	5	0.2	3.40	4	831	1.0	5	0.55	0.2	86	9	38	27	2.51	0.52	42	19	0.44	285	1	0.05	19	0.06	8	8	62	0.20	99	67
16	13800E–18850N	5	0.2	4.05	3	1013	1.2	5	0.35	0.2	69	7	27	20	2.03	0.76	35	17	0.39	160	1	0.04	15	0.05	10	12	53	0.19	118	82
17	13800E–18900N	5	0.2	5.06	2	1147	1.5	5	0.36	0.2	69	7	29	28	2.13	0.87	36	19	0.40	114	2	0.04	19	0.06	12	10	54	0.18	130	107
18	18950	5	0.2	3.68	2	914	1.1	5	0.20	0.2	64	6	20	16	1.43	0.77	35	13	0.29	120	1	0.05	10	0.04	11	12	42	0.18	96	71
19	19050	5	0.2	4.40	35	1257	1.2	5	0.52	0.2	62	9	36	26	4.85	0.80	30	21	0.56	195	3	0.06	21	0.11	10	1	72	0.16	179	79
20	19150	5	0.2	2.89	2	762	0.9	5	0.60	0.2	66	9	34	23	2.21	0.48	30	16	0.45	246	1	0.05	15	0.07	7	1	62	0.17	97	56
21	13800E–19250N	5	0.2	3.08	4	532	0.9	5	0.42	0.4	62	16	40	17	2.61	0.45	31	21	0.43	961	2	0.04	15	0.08	7	1	49	0.18	95	195
22	13800E–19300N	5	0.2	2.75	6	666	1.0	5	0.45	0.2	68	8	38	24	2.07	0.48	35	17	0.43	224	1	0.04	17	0.04	6	1	53	0.16	91	50
23	19350	5	0.2	3.32	7	809	1.1	5	0.59	0.2	74	10	44	31	2.71	0.48	36	19	0.51	326	2	0.05	20	0.04	7	1	64	0.18	106	53
24	19400	5	0.2	3.39	6	826	1.0	5	0.60	0.2	67	9	38	29	2.77	0.47	32	18	0.49	240	1	0.05	20	0.07	9	1	64	0.18	109	54
25	19450	5	0.2	3.29	10	767	1.0	5	0.59	0.2	76	9	39	28	2.78	0.50	37	18	0.52	275	2	0.05	20	0.05	9	1	64	0.20	109	55
26	13800E–19500N	5	0.2	3.52	6	817	1.1	5	0.53	0.2	77	9	36	31	2.80	0.57	39	17	0.50	249	2	0.05	21	0.04	8	1	64	0.19	113	53
27	13800E–19550N	5	0.2	2.76	9	708	0.9	5	0.58	0.2	70	7	38	27	2.52	0.46	35	16	0.51	240	1	0.05	19	0.05	8	1	60	0.19	96	50
28	19600	5	0.2	3.26	9	856	1.0	5	0.70	0.2	70	8	38	30	2.78	0.51	33	17	0.53	265	2	0.05	22	0.07	8	1	69	0.18	107	60
29	19650	5	0.2	4.38	6	1428	1.2	5	0.71	0.2	64	10	40	37	3.25	0.68	30	18	0.54	284	3	0.06	25	0.09	12	1	79	0.16	143	72
30	19700	5	0.4	4.20	9	1522	1.1	5	0.56	0.2	67	11	41	29	2.86	0.75	33	16	0.52	378	4	0.05	23	0.09	15	1	76	0.16	168	63
31	13800E–19750N	5	0.4	2.39	5	515	0.8	5	0.67	0.2	77	8	43	23	1.95	0.34	36	15	0.42	226	1	0.05	16	0.07	7	1	64	0.18	83	47
32	13800E–19800N	20	0.4	3.18	7	697	1.1	5	0.83	0.3	81	12	45	39	2.85	0.45	37	20	0.54	409	2	0.05	27	0.08	9	1	75	0.18	103	64
33	19850	5	0.2	3.12	7	666	1.0	5	0.81	0.2	73	11	42	38	2.78	0.39	34	18	0.53	382	1	0.06	26	0.08	8	1	72	0.18	97	61
34	19900	5	0.2	3.55	10	683	1.1	5	0.66	0.2	76	11	37	36	3.08	0.52	36	21	0.58	338	1	0.06	25	0.05	8	1	67	0.20	106	65
35	19950	5	0.2	3.69	6	762	1.2	5	0.67	0.2	77	11	33	41	3.23	0.53	37	22	0.60	414	1	0.06	29	0.05	9	1	69	0.20	109	68
36	13800E–20000N	5	0.2	3.51	10	760	1.1	5	0.65	0.2	78	11	36	36	3.13	0.51	37	20	0.59	397	1	0.06	28	0.05	9	1	67	0.20	108	66

23/10 White all

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	13800E-20050N	5	0.2	3.50	6	750	1.1	5	0.57	0.2	75	10	36	34	3.03	0.50	36	19	0.56	343	1	0.05	26	0.04	8	1	63	0.19	106	63
38	20100	5	0.2	3.03	4	579	0.8	5	0.52	0.2	69	8	34	19	2.50	0.47	33	18	0.52	265	1	0.05	18	0.04	8	1	59	0.19	100	52
39	20150	5	0.2	2.83	2	570	0.8	5	0.46	0.2	69	7	32	21	2.37	0.49	33	17	0.49	227	1	0.05	17	0.04	7	1	55	0.17	89	55
40	20200	5	0.2	2.44	2	462	0.7	5	0.40	0.2	67	6	32	17	1.95	0.43	33	14	0.39	193	1	0.04	14	0.02	5	1	51	0.17	77	40
41	13800E-20250N	5	0.2	2.52	7	456	0.8	5	0.38	0.2	62	8	40	18	2.12	0.39	32	15	0.36	240	2	0.04	15	0.03	6	1	54	0.18	88	40
42	13800E-20300N	5	0.2	2.87	10	513	1.0	5	0.41	0.2	66	9	41	21	2.47	0.37	34	16	0.43	238	1	0.04	19	0.04	8	1	56	0.14	70	52
43	20350	5	0.2	3.77	12	610	1.1	5	0.35	0.2	61	12	39	32	3.07	0.47	32	18	0.44	271	2	0.04	25	0.04	10	1	55	0.18	94	54
44	20400	5	0.2	2.81	11	421	0.7	5	0.40	0.2	57	10	37	14	2.64	0.30	29	17	0.46	302	2	0.04	16	0.03	9	1	49	0.19	92	54
45	20450	5	0.2	3.45	14	527	0.9	5	0.39	0.2	61	11	32	23	3.09	0.38	31	19	0.55	260	2	0.05	25	0.03	12	1	49	0.19	102	64
46	13800E-20500N	5	0.2	3.43	13	519	0.9	5	0.38	0.2	65	11	31	23	2.86	0.36	33	16	0.46	259	2	0.04	22	0.03	11	1	51	0.19	97	52
47	13800E-20550N	5	0.2	3.41	10	539	1.0	5	0.38	0.2	66	10	35	23	2.93	0.37	32	17	0.50	258	2	0.04	22	0.03	9	1	52	0.19	98	53
48	20600	5	0.2	3.19	12	512	0.9	5	0.37	0.2	66	9	36	23	3.04	0.36	32	17	0.51	232	2	0.04	20	0.03	11	1	47	0.19	96	50
49	20650	5	0.2	3.13	11	453	0.8	5	0.34	0.2	59	10	37	21	2.95	0.34	29	16	0.48	254	2	0.04	21	0.02	10	1	43	0.17	90	51
51	20700	5	0.2	2.94	9	499	0.9	5	0.42	0.2	65	9	39	24	2.56	0.41	34	18	0.45	254	1	0.04	18	0.02	6	1	53	0.18	74	49
52	13800E-20750N	5	0.2	3.39	14	537	1.1	5	0.38	0.2	67	12	40	31	3.05	0.43	34	20	0.53	317	1	0.04	22	0.03	9	1	49	0.19	99	61
53	13800E-20800N	5	0.2	2.91	8	533	0.9	5	0.46	0.2	70	11	37	26	2.62	0.42	35	17	0.48	284	1	0.04	19	0.03	7	1	54	0.18	91	52
54	20850	5	0.2	2.67	11	397	0.7	5	0.48	0.2	64	7	38	17	2.40	0.38	32	15	0.44	210	1	0.05	15	0.04	6	1	52	0.19	90	48
55	20900	5	0.2	3.08	10	516	0.9	5	0.49	0.2	69	8	32	23	2.69	0.44	34	17	0.47	232	1	0.05	17	0.05	6	1	55	0.20	98	56
56	20950	5	0.2	2.47	13	513	0.8	5	0.60	0.2	67	8	29	21	2.37	0.40	32	15	0.45	268	1	0.05	17	0.05	5	1	59	0.19	89	52
57	13800E-21000N	5	0.2	3.00	11	684	0.9	5	0.65	0.2	72	11	36	27	2.73	0.40	35	17	0.51	330	1	0.06	22	0.06	6	1	64	0.21	95	61

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

GEOCHEMICAL ANALYSIS CERTIFICATE Drewry

Noranda Exploration Co. Ltd. PROJECT 9110-026 330 FILE # 91-5188 Page 1
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Hg ppb
L13800E 21000N	75
L13800E 20950N	25
L13800E 20900N	30
L13800E 20850N	10
L13800E 20800N	20
L13800E 20750N	20
L13800E 20700N	10
L13800E 20650N	10
L13800E 20600N	5
L13800E 20550N	25
RE L13800E 20350N	35
L13800E 20500N	55
L13800E 20450N	10
L13800E 20400N	5
L13800E 20350N	20
L13800E 20300N	5
L13800E 20250N	5
L13800E 20200N	15
L13800E 20150N	50
L13800E 20100N	20
L13800E 20050N	45
L13800E 20000N	45
L13800E 19950N	45
L13800E 19900N	40
L13800E 19850N	35
L13800E 19800N	25
L13800E 19750N	15
L13800E 19700N	140
L13800E 19650N	80
L13800E 19600N	35
L13800E 19550N	20
L13800E 19500N	20
L13800E 19450N	15
L13800E 19400N	15
L13800E 19350N	20
L13800E 19300N	15
L13800E 19250N	5
STANDARD C	1600

- SAMPLE TYPE: PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 21 1991 DATE REPORT MAILED: Oct 25/91.

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
L13800E 19150N	55
RE L13800E 18800N	175
L13800E 19050N	145
L13800E 18950N	80
L13800E 18900N	135
L13800E 18850N	55
L13800E 18800N	170
L13800E 18750N	60
L13800E 18700N	60
L13800E 18650N	85
L13800E 18600N	95
L13800E 18550N	60
L13800E 18500N	80
L13800E 18450N	125
L13800E 18400N	65
L13800E 18350N	35
L13800E 18300N	35
L13800E 18150N	75
L13800E 18100N	55
L13800E 18050N	45
STANDARD C	1500

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-003 327 File # 91-4283 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
15100E 21050N	3	16	11	61	.1	14	8	151	2.47	2	5	ND	4	34	.2	2	2	44	.21	.055	16	21	.30	340	.05	3	1.19	.01	.05	1	170
15100E 21100N	3	22	9	64	.1	15	7	116	2.46	2	5	ND	1	31	.2	2	2	46	.19	.048	12	22	.25	432	.03	2	1.29	.01	.06	1	240
15100E 21150N	5	48	11	326	.3	54	13	135	8.19	25	5	ND	4	37	1.7	2	2	34	.08	.129	7	18	.09	609	.01	5	1.09	.01	.07	1	315
RE 15100E 21400N	5	36	20	135	.2	48	13	177	3.55	22	5	ND	8	31	.2	10	2	74	.07	.043	22	27	.25	517	.03	2	1.55	.01	.06	1	1450
15100E 21200N	2	21	11	79	.1	18	7	147	2.44	2	5	ND	1	29	.4	2	2	35	.21	.054	13	21	.27	459	.02	2	1.19	.01	.06	1	395
15100E 21250N	6	34	22	96	.4	17	7	97	3.26	10	5	ND	1	46	.4	2	2	52	.15	.067	12	19	.17	661	.01	3	1.18	.01	.08	1	445
15100E 21300N	4	19	15	52	.1	13	5	96	2.13	6	5	ND	1	51	.3	2	2	55	.10	.048	12	18	.16	457	.03	2	1.01	.01	.06	2	215
15100E 21350N	5	65	122	269	.1	57	13	145	5.63	26	5	ND	63	266	2.1	5	2	145	.10	.151	135	22	.42	1393	.16	2	1.73	.01	.31	1	470
15100E 21400N	5	37	22	132	.1	46	13	177	3.48	22	5	ND	8	34	.3	11	2	75	.07	.042	23	26	.25	521	.03	4	1.53	.01	.06	1	1550
15100E 21450N	4	31	16	56	.4	12	4	28	1.81	23	5	ND	1	63	.9	9	2	39	.04	.098	7	11	.05	621	.01	8	.56	.01	.16	1	700
15100E 21500N	7	41	19	38	1.5	10	4	25	2.38	25	5	ND	1	34	.2	17	2	44	.04	.055	7	13	.07	972	.01	6	.59	.01	.10	1	5400
15100E 21550N	2	21	12	56	.5	16	5	57	2.28	14	5	ND	1	26	.4	3	2	39	.13	.063	11	18	.19	436	.01	3	1.04	.01	.06	1	935
15100E 21600N	2	19	12	68	.5	16	5	81	1.90	9	5	ND	1	36	.4	2	2	40	.18	.049	12	20	.25	354	.02	3	1.11	.01	.06	1	1000
15100E 21700N	10	21	5	130	.2	32	22	661	6.60	407	5	ND	2	65	1.2	9	2	49	.58	.069	13	24	.36	770	.03	7	1.24	.01	.07	1	285
15100E 21750N	9	33	13	292	.7	49	11	270	2.99	209	5	ND	5	77	1.7	29	2	107	.53	.053	20	31	.39	1009	.03	9	1.33	.02	.17	1	5200
15100E 21800N	33	81	67	419	.5	56	21	253	5.65	635	5	ND	23	332	3.8	106	3	210	.43	.214	78	31	.52	531	.12	5	1.26	.01	.57	2	4750
15100E 21850N	3	23	11	159	.1	31	21	405	2.78	30	5	ND	2	38	.6	8	2	66	.21	.080	14	35	.38	1863	.04	3	1.63	.01	.11	1	80
15100E 21900N	3	28	10	146	.1	32	12	130	2.89	31	5	ND	1	41	.8	8	2	70	.18	.053	13	33	.41	1420	.04	7	1.43	.01	.14	1	95
15100E 21950N	1	28	4	78	.1	27	10	279	2.63	7	5	ND	4	35	.2	2	2	43	.52	.060	15	28	.55	480	.07	4	1.41	.02	.07	1	55
15100E 22000N	3	33	14	142	.1	38	14	122	2.41	35	5	ND	4	38	.2	53	2	95	.04	.046	12	38	.41	2551	.02	2	1.54	.01	.12	1	50
15300E 21050N	5	26	16	96	.5	20	10	235	3.33	14	5	ND	1	57	.3	3	2	53	.16	.056	10	22	.30	902	.01	3	1.39	.01	.08	1	335
15300E 21100N	6	30	15	116	.6	20	8	106	4.08	8	5	ND	1	43	.4	2	2	59	.21	.072	9	19	.21	814	.01	2	1.29	.01	.08	1	460
15300E 21150N	6	51	21	249	.1	45	17	278	3.49	18	12	ND	1	63	3.5	2	2	61	.12	.053	17	33	.24	697	.02	2	.98	.01	.12	1	1250
15300E 21200N	2	173	6	173	.5	33	8	74	.86	4	5	ND	1	90	20.5	2	2	10	.82	.068	7	7	.09	149	.01	11	.66	.01	.02	1	1550
15300E 21250N	6	25	11	92	.3	22	9	158	3.89	26	5	ND	1	46	.8	2	2	58	.28	.062	12	24	.34	580	.03	3	1.33	.01	.07	1	270
15300E 21300N	4	27	16	70	.2	17	5	61	1.68	8	5	ND	1	41	.7	2	2	35	.17	.042	10	18	.19	833	.01	2	1.00	.01	.07	1	395
15300E 21350N	3	23	12	73	.3	17	6	83	2.21	12	5	ND	1	39	.6	2	2	42	.21	.056	12	19	.23	614	.02	4	1.17	.01	.06	1	440
15300E 21400N	7	32	11	111	.6	25	9	182	5.62	42	5	ND	1	57	.7	2	3	61	.29	.114	9	19	.19	699	.01	3	1.26	.01	.06	1	530
15300E 21450N	3	21	15	83	.2	25	10	137	5.11	37	5	ND	1	48	.6	3	2	60	.32	.113	10	21	.26	734	.02	3	1.17	.01	.07	1	675
15300E 21500N	2	24	14	77	.2	18	6	87	2.06	17	5	ND	1	40	.7	3	2	47	.26	.045	13	24	.32	636	.03	2	1.24	.01	.06	1	390
15300E 21550N	1	22	10	98	.1	26	13	527	2.65	11	5	ND	3	48	.5	2	2	41	.59	.058	14	32	.56	555	.06	4	1.47	.02	.08	1	85
15300E 21600N	2	21	13	128	.1	29	19	1019	3.09	18	5	ND	1	60	.6	2	5	47	.62	.059	13	29	.52	772	.04	3	1.54	.02	.07	1	165
15300E 21650N	10	45	28	282	.4	67	20	685	4.14	219	5	ND	3	70	4.9	50	5	60	.49	.117	30	60	.28	1935	.02	7	1.63	.01	.23	1	775
15300E 21700N	4	10	13	128	.1	23	10	228	2.47	124	5	ND	1	28	.6	20	2	43	.17	.046	18	31	.25	864	.02	4	1.07	.01	.07	1	385
15300E 21750N	4	16	8	197	.2	40	21	685	3.13	139	6	ND	2	28	.3	39	2	56	.20	.047	12	43	.36	1782	.04	3	1.60	.01	.09	1	80
15300E 21800N	11	34	7	121	.1	32	10	133	3.17	55	5	ND	3	32	.2	11	4	81	.13	.045	15	34	.37	1427	.03	3	1.51	.01	.09	1	50
15300E 21850N	1	11	10	57	.1	16	9	201	2.49	15	6	ND	2	17	.2	2	2	50	.13	.039	11	26	.35	756	.05	2	1.45	.01	.05	1	25
STANDARD C	19	60	38	132	7.0	70	32	1050	3.95	42	25	7	39	52	18.6	15	18	57	.48	.090	40	57	.87	176	.09	32	1.88	.06	.15	11	1500

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: PULP HG ANALYSIS BY FLAMELESS AA. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 10 1991 **DATE REPORT MAILED:** Sept 16/91. **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
15300E 21900N	2	12	8	71	.2	25	12	182	3.64	17	5	ND	5	18	.2	2	2	67	.14	.032	12	38	.43	1050	.06	4	2.22	.01	.05	1	25
15300E 21950N	2	21	9	75	.1	31	12	166	3.51	20	5	ND	3	22	.6	2	2	65	.14	.034	13	35	.45	975	.05	2	2.05	.01	.05	1	40
15300E 22000N	5	40	10	150	.1	43	15	168	3.61	44	5	ND	1	33	.9	4	2	74	.15	.078	16	42	.41	1688	.04	9	1.46	.01	.08	1	95
16100E 21000N	2	21	9	42	.2	16	6	117	1.78	3	5	ND	3	26	.2	2	2	34	.22	.036	14	20	.31	574	.04	3	1.04	.01	.05	1	195
16100E 21050N	2	23	7	52	.3	18	8	182	2.18	6	5	ND	4	23	.3	2	2	45	.14	.028	15	24	.36	375	.05	2	1.32	.01	.05	1	150
16100E 21100N	4	21	17	45	.8	14	7	105	2.05	7	5	ND	5	57	1.4	2	2	63	.09	.029	13	23	.25	699	.03	4	1.37	.01	.08	1	140
16100E 21150N	3	20	5	64	.2	21	8	131	2.21	4	5	ND	4	24	.2	2	2	47	.12	.019	15	28	.34	395	.04	2	1.48	.01	.05	1	85
16100E 21200N	5	19	13	64	.5	15	6	124	2.18	7	5	ND	4	45	.5	2	2	47	.15	.034	11	18	.27	752	.05	2	.86	.01	.08	1	45
16100E 21250N	3	27	7	86	.2	22	10	241	2.24	5	5	ND	3	34	.2	2	2	35	.19	.034	12	23	.27	731	.04	4	.94	.01	.06	1	75
16100E 21300N	1	21	7	54	.1	18	6	120	1.89	2	5	ND	4	26	.2	2	2	31	.16	.017	14	21	.32	630	.03	3	1.03	.01	.05	1	70
16100E 21350N	2	41	17	214	.1	48	15	181	4.04	5	5	ND	19	51	.9	2	2	76	.11	.059	70	60	.63	1233	.13	2	1.77	.01	.19	1	45
16100E 21400N	1	10	7	41	.1	12	5	115	1.76	2	5	ND	3	19	.2	2	2	37	.11	.011	14	21	.31	430	.05	2	1.05	.01	.04	1	5
16100E 21450N	28	17	26	63	1.0	14	5	47	3.31	38	5	ND	3	161	.2	21	2	305	.04	.106	14	29	.08	1624	.03	4	.77	.01	.12	1	5
RE 16100E 21700N	3	73	10	58	.5	27	9	184	2.30	68	6	ND	7	64	.7	80	2	84	.23	.102	28	33	.38	1361	.06	4	1.25	.01	.07	1	2850
16100E 21500N	9	65	15	318	.1	57	16	128	3.70	17	5	ND	3	73	.2	3	2	60	.07	.029	8	10	.05	1518	.01	4	.64	.01	.09	1	55
16100E 21550N	6	45	10	97	.1	27	6	99	2.05	7	5	ND	1	67	.7	2	2	60	.13	.049	11	21	.25	1628	.03	2	1.05	.01	.07	1	255
16100E 21600N	16	66	31	370	.3	95	17	276	4.78	408	5	ND	7	129	1.0	102	2	94	.03	.078	30	26	.07	442	.01	3	1.34	.01	.18	1	2700
16100E 21650N	11	12	8	37	.7	11	5	100	2.38	33	5	ND	3	107	.2	52	2	57	.05	.059	12	16	.10	628	.02	5	.88	.01	.10	1	1800
16100E 21700N	3	70	10	55	.5	23	8	175	2.19	62	5	ND	6	60	.8	77	2	78	.21	.097	26	31	.36	1282	.05	3	1.18	.01	.07	1	3450
16100E 21750N	3	41	11	83	.2	30	11	281	2.99	20	5	ND	7	29	.2	9	2	68	.20	.037	22	48	.50	1212	.07	2	1.84	.01	.06	1	2100
16100E 21800N	3	16	10	192	.1	40	13	314	3.13	264	5	ND	6	25	.5	62	2	58	.13	.045	19	38	.37	536	.04	5	1.34	.01	.08	1	535
16100E 21850N	4	38	21	133	.8	33	13	259	3.51	583	5	ND	7	52	.6	70	2	78	.11	.041	19	39	.42	622	.03	2	1.84	.01	.08	1	5850
16100E 21900N	19	140	30	316	1.4	59	9	124	4.12	397	18	ND	1	121	3.6	58	2	228	.10	.269	29	59	.11	1622	.01	5	1.79	.01	.11	1	14000
16100E 21950N	11	47	23	241	.5	47	19	690	2.94	72	5	ND	1	59	1.4	20	2	87	.11	.075	18	25	.27	1112	.02	5	1.11	.01	.12	1	3500
16100E 22000N	8	37	18	137	.9	29	12	335	2.37	104	5	ND	1	56	.8	33	2	88	.12	.069	16	32	.24	812	.02	5	1.17	.01	.10	1	5550
16300E 21000N	2	17	7	62	.1	17	6	113	2.02	10	5	ND	1	20	.2	3	2	36	.12	.019	13	20	.28	397	.04	3	1.07	.01	.06	1	25
16300E 21050N	1	11	2	44	.1	16	6	122	2.07	5	5	ND	3	13	.2	2	2	40	.10	.016	12	20	.31	233	.04	4	1.22	.01	.04	1	25
16300E 21100N	1	17	8	71	.2	22	10	187	3.12	7	5	ND	4	19	.2	2	2	48	.12	.023	12	29	.42	485	.05	3	1.80	.01	.06	1	30
16300E 21150N	2	29	11	66	.1	16	8	168	2.69	6	5	ND	3	23	.3	2	2	42	.10	.023	12	26	.37	511	.03	4	1.51	.01	.06	1	45
16300E 21200N	2	12	7	67	.1	12	5	178	2.25	7	5	ND	3	17	.3	2	2	43	.06	.018	10	19	.23	222	.02	2	1.15	.01	.06	1	30
16300E 21250N	18	17	26	258	.8	16	6	60	2.77	24	5	ND	1	131	.4	12	2	69	.04	.051	4	9	.04	1011	.01	6	.66	.03	.12	1	25
16300E 21300N	1	7	5	83	.1	10	12	1000	2.25	2	5	ND	3	18	1.8	2	2	56	.12	.028	13	26	.26	592	.09	3	1.09	.01	.09	1	20
16300E 21350N	2	19	11	214	.1	42	15	411	4.28	9	5	ND	7	29	1.2	2	2	85	.17	.091	23	58	.67	620	.14	4	1.75	.01	.18	1	15
16300E 21400N	15	18	22	115	1.7	27	4	38	2.01	15	5	ND	1	208	.6	15	2	154	.08	.084	5	19	.06	248	.01	6	.79	.02	.14	1	20
16300E 21450N	4	13	7	60	.3	16	7	204	2.59	11	5	ND	2	41	.2	2	2	74	.11	.033	10	24	.32	968	.03	2	1.36	.01	.07	1	45
16300E 21500N	4	14	8	88	.1	18	8	159	2.75	9	5	ND	3	27	.2	2	2	64	.09	.021	11	24	.26	1088	.04	2	1.57	.01	.05	1	50
16300E 21550N	7	15	9	53	.1	10	7	187	2.05	5	5	ND	2	31	.2	7	2	54	.06	.026	7	18	.18	1217	.02	5	1.03	.01	.06	1	300
STANDARD C	19	59	35	134	7.3	68	32	1057	4.02	41	15	7	39	52	18.6	15	21	56	.49	.092	39	58	.90	178	.09	33	1.91	.06	.15	13	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
16300E 21600N	8	38	13	106	.1	29	8	125	2.80	13	5	ND	7	52	.2	2	2	105	.06	.045	22	65	.48	1210	.08	9	1.20	.01	.24	1	1100
16300E 21650N	13	64	86	372	.6	54	22	755	5.75	702	10	ND	24	328	3.6	65	4	218	.35	.201	72	36	.31	342	.10	5	1.19	.01	.35	1	1750
16300E 21700N	7	59	33	140	.8	35	8	203	1.83	96	6	ND	1	107	2.5	18	4	89	.11	.053	22	48	.25	1307	.02	8	.90	.01	.15	1	8950
16300E 21750N	9	30	19	165	.3	36	8	206	2.51	158	6	ND	3	117	1.4	101	2	99	.07	.054	18	30	.16	1300	.02	3	.92	.01	.09	1	3850
16300E 21800N	10	31	29	123	.8	23	8	327	2.99	403	5	ND	3	210	1.2	158	6	86	.11	.091	18	39	.20	864	.01	5	1.23	.01	.12	1	4050
16300E 21850N	24	20	23	75	2.3	16	5	128	2.93	150	5	ND	1	88	.3	61	2	391	.08	.090	19	35	.15	379	.03	6	1.10	.01	.08	1	7000
16300E 21900N	17	168	21	87	6.0	50	6	84	2.59	158	17	ND	1	147	1.4	38	3	365	.15	.286	23	76	.26	1002	.01	4	1.59	.01	.14	1	60000
16300E 22000N	4	75	13	91	1.7	28	3	64	.60	17	5	ND	1	72	3.1	30	2	46	.26	.108	9	19	.05	1215	.01	6	.49	.01	.05	1	7850
17000E 19000N	2	33	25	65	.3	14	6	60	3.69	214	9	ND	8	26	.2	21	2	27	.04	.036	50	23	.21	264	.01	4	1.47	.01	.15	1	45
17000E 19050N	1	14	16	42	.1	16	7	120	2.48	12	5	ND	4	12	.2	2	2	44	.09	.012	18	25	.33	206	.04	3	1.64	.01	.05	1	20
17000E 19100N	1	10	14	38	.1	16	6	105	2.27	8	5	ND	4	12	.2	2	2	41	.09	.011	18	28	.29	177	.04	3	1.50	.01	.04	1	30
17000E 19150N	2	36	28	68	.4	15	6	63	4.25	288	5	ND	11	28	.2	24	2	25	.03	.036	52	26	.23	255	.01	3	1.61	.01	.16	1	30
17000E 19250N	1	10	16	26	.1	10	2	48	1.20	11	5	ND	3	11	.2	2	2	30	.06	.013	32	22	.09	140	.02	2	.89	.01	.06	1	25
17000E 19300N	1	11	17	28	.1	6	2	58	1.35	11	5	ND	4	13	.2	2	2	30	.05	.017	34	11	.10	160	.02	2	.91	.01	.08	1	140
17000E 19350N	1	11	16	61	.1	11	5	148	2.16	3	5	ND	4	11	.2	2	2	35	.07	.020	26	18	.23	195	.02	4	1.21	.01	.06	1	10
17000E 19400N	1	14	10	57	.1	15	5	104	2.22	8	5	ND	4	11	.2	2	2	34	.07	.018	24	23	.26	172	.02	2	1.23	.01	.06	1	15
17000E 19450N	1	14	10	60	.1	13	6	110	2.27	7	5	ND	4	11	.2	2	2	34	.07	.018	24	20	.28	168	.02	2	1.29	.01	.07	1	10
17000E 19500N	1	11	18	52	.1	6	4	74	2.11	8	5	ND	5	17	.2	2	4	35	.06	.027	36	13	.12	274	.01	3	1.13	.01	.10	1	10
17000E 19600N	2	14	27	39	.1	14	4	73	2.01	21	5	ND	7	16	.2	4	2	29	.05	.025	39	23	.14	194	.01	3	.94	.01	.11	1	15
17000E 19650N	2	27	30	60	.2	11	6	67	3.68	171	5	ND	8	21	.2	13	2	26	.03	.032	46	20	.22	208	.01	5	1.48	.01	.14	1	20
17000E 19700N	1	37	29	176	.1	55	15	143	4.15	94	5	ND	11	59	.2	14	2	69	.05	.035	41	41	.58	221	.05	4	1.82	.01	.14	1	15
17000E 19750N	1	13	15	44	.1	18	7	121	2.54	13	5	ND	4	12	.2	2	2	42	.09	.011	18	27	.34	189	.04	7	1.61	.01	.04	1	15
17000E 19800N	2	13	29	50	.1	9	4	69	1.65	10	5	ND	5	27	.2	2	2	24	.05	.023	41	13	.09	248	.01	4	.84	.01	.09	1	35
17000E 19850N	1	11	16	47	.1	14	6	137	2.22	7	6	ND	3	15	.2	2	2	36	.10	.016	19	24	.29	184	.04	5	1.26	.01	.07	2	10
17000E 19900N	1	13	20	53	.1	15	6	124	2.15	8	6	ND	2	16	.2	2	2	34	.09	.018	22	23	.27	194	.03	3	1.07	.01	.07	1	15
17000E 19950N	1	19	13	49	.1	12	5	99	1.86	4	5	ND	5	20	.2	2	2	26	.13	.018	35	19	.25	238	.04	6	.94	.01	.09	1	20
17000E 20000N	1	17	8	49	.1	14	6	135	1.94	6	5	ND	4	21	.3	2	2	30	.20	.023	24	22	.33	245	.05	5	1.08	.01	.06	1	25
17200E 19000N	2	15	11	54	.2	20	9	185	2.42	11	5	ND	3	17	.7	2	2	36	.10	.035	22	33	.32	222	.03	4	1.34	.01	.09	1	25
17200E 19050N	1	21	12	57	.8	24	10	223	2.40	9	5	ND	4	21	.2	4	2	36	.16	.026	17	30	.44	242	.05	4	1.36	.01	.07	1	25
RE 17000E 19950N	1	20	15	53	.1	12	5	107	1.99	6	5	ND	6	21	.2	2	2	27	.14	.020	37	20	.27	256	.04	4	1.00	.01	.09	1	25
17200E 19100N	2	23	75	68	.3	11	5	102	2.49	31	8	ND	4	52	.2	22	3	19	.07	.036	44	15	.27	235	.01	5	.83	.01	.14	1	30
17200E 19150N	1	25	15	58	.8	31	9	200	2.45	12	5	ND	5	22	.3	6	2	36	.16	.021	17	36	.47	243	.05	5	1.36	.01	.07	1	30
17200E 19200N	1	34	24	101	.2	36	13	331	3.29	18	7	ND	6	33	.4	14	2	45	.18	.049	24	39	.65	339	.08	5	1.56	.01	.13	1	35
17200E 19250N	1	29	23	93	.3	32	11	426	3.01	13	5	ND	4	30	.5	9	2	42	.17	.048	21	33	.56	327	.06	6	1.48	.01	.11	1	30
17200E 19300N	1	21	12	56	.8	22	10	233	2.31	9	5	ND	5	20	.2	6	2	34	.16	.023	16	27	.44	234	.05	4	1.34	.01	.07	1	25
17200E 19350N	1	39	29	115	.4	40	13	241	3.38	16	5	ND	10	42	.2	17	2	48	.19	.046	29	44	.78	339	.11	4	1.53	.01	.16	1	40
17200E 19400N	1	12	9	56	.1	17	8	176	2.52	11	5	ND	4	15	.2	2	3	37	.09	.027	19	25	.34	194	.04	4	1.36	.01	.09	1	15
STANDARD C	19	58	39	133	7.5	71	32	1052	3.98	43	19	7	39	52	18.6	15	21	56	.48	.090	39	58	.88	178	.09	36	1.89	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
17200E 19450N	1	12	5	57	.2	14	7	157	2.28	6	5	ND	3	15	.4	2	2	33	.09	.029	20	22	.30	190	.03	2	1.15	.01	.07	1	20
RE 17200E 19700N	7	20	39	43	.2	4	4	30	2.52	15	5	ND	8	18	.2	3	2	19	.03	.028	49	9	.06	252	.01	3	.67	.01	.12	1	10
17200E 19500N	1	21	31	55	.5	13	6	105	2.41	62	5	ND	6	43	.2	41	2	23	.14	.025	36	16	.27	235	.02	5	.89	.01	.11	1	35
17200E 19550N	1	23	34	57	.6	13	6	105	2.43	61	5	ND	4	48	.2	39	2	24	.16	.029	39	17	.27	278	.01	3	1.00	.01	.13	1	40
17200E 19600N	2	20	64	64	.4	9	4	98	2.36	31	5	ND	4	49	.2	21	2	18	.07	.033	41	13	.26	224	.01	3	.78	.01	.12	1	25
17200E 19650N	5	21	32	29	.1	4	2	24	1.38	12	5	ND	3	13	.2	5	2	24	.04	.025	47	9	.05	224	.01	3	.66	.01	.10	1	10
17200E 19700N	7	18	37	41	.3	2	3	26	2.36	12	5	ND	7	17	.2	3	2	18	.03	.026	46	8	.05	234	.01	3	.63	.01	.12	1	10
17200E 19750N	3	14	14	37	.2	9	4	88	1.90	5	5	ND	6	14	.2	2	2	29	.07	.015	30	16	.24	197	.02	3	1.10	.01	.08	1	10
17200E 19800N	3	17	19	35	.2	11	4	87	1.61	6	5	ND	1	25	.2	2	3	23	.14	.033	24	15	.19	372	.01	5	.74	.01	.10	1	65
17200E 19850N	2	16	15	59	.2	21	6	118	2.24	7	5	ND	7	16	.6	2	2	28	.07	.019	31	18	.23	177	.02	3	1.02	.01	.08	1	5
17200E 19900N	1	16	18	63	.1	14	6	65	2.58	2	5	ND	7	13	.3	2	2	23	.03	.019	45	15	.15	180	.01	4	.99	.01	.09	1	10
17200E 19950N	1	15	12	65	.1	12	6	99	2.74	6	5	ND	6	12	.2	2	3	37	.06	.020	34	21	.25	187	.01	2	1.53	.01	.07	1	15
17200E 20000N	1	12	8	64	.1	20	9	179	3.46	14	5	ND	5	11	.4	2	2	52	.07	.019	15	34	.46	214	.05	3	2.18	.01	.06	1	30
17400E 19050N	1	9	9	52	.1	16	7	143	2.51	9	5	ND	3	11	.2	2	2	42	.09	.021	17	22	.30	139	.03	4	1.41	.01	.05	1	25
17400E 19100N	1	6	7	37	.1	9	4	110	1.59	4	5	ND	2	13	.3	2	2	40	.11	.013	17	17	.21	136	.05	2	1.06	.01	.04	1	10
17400E 19150N	1	8	11	162	.4	15	30	1312	2.06	3	5	ND	1	23	.4	2	2	36	.19	.048	19	17	.22	512	.02	2	1.07	.01	.07	1	15
17400E 19200N	1	9	5	69	.2	19	10	329	2.21	5	5	ND	3	21	.2	2	2	36	.19	.022	15	22	.36	370	.03	3	1.26	.01	.08	1	15
17400E 19250N	1	10	9	85	.4	25	20	1515	2.19	4	5	ND	3	32	.3	2	2	40	.31	.027	15	22	.31	706	.03	2	1.51	.01	.06	1	20
17400E 19300N	1	13	7	81	.2	18	8	242	2.40	8	5	ND	2	19	.2	2	2	40	.14	.026	22	22	.29	502	.01	3	1.54	.01	.07	1	15
17400E 19350N	1	15	20	70	.3	20	10	192	3.36	35	5	ND	4	15	.5	2	4	51	.10	.022	15	28	.37	225	.04	2	1.80	.01	.06	1	25
17400E 19400N	1	25	17	154	.1	26	19	529	3.46	11	5	ND	5	37	.6	2	2	34	.25	.041	30	24	.36	605	.01	4	1.70	.01	.21	1	15
17400E 19450N	2	8	32	31	.1	6	2	59	1.25	11	5	ND	3	14	.2	10	2	24	.07	.018	27	10	.11	151	.02	2	.69	.01	.08	1	15
17400E 19500N	3	30	24	59	.8	26	7	93	2.65	46	5	ND	1	72	.6	10	2	32	.29	.053	34	26	.31	602	.01	5	1.28	.01	.13	1	65
17400E 19550N	3	11	15	38	.2	7	3	115	1.76	9	5	ND	1	28	.3	2	2	27	.11	.029	26	12	.08	193	.01	5	.58	.01	.07	1	10
17400E 19600N	2	21	21	79	.2	13	9	825	2.94	4	5	ND	1	35	.8	2	2	33	.17	.045	22	17	.19	325	.01	3	.92	.01	.13	1	30
17400E 19650N	1	22	13	127	.8	21	10	340	3.23	9	5	ND	3	25	.5	6	3	31	.14	.043	32	19	.24	335	.01	4	1.41	.01	.12	1	25
17400E 19700N	1	15	12	68	.2	14	8	181	1.92	9	5	ND	1	17	.2	2	4	28	.13	.037	16	19	.27	258	.02	2	1.12	.01	.07	1	15
17400E 19750N	1	15	17	85	.2	22	11	141	2.17	12	5	ND	4	25	.6	5	3	28	.14	.030	33	16	.24	359	.01	2	1.10	.01	.11	1	30
17400E 19800N	1	11	11	85	.1	15	7	152	2.42	9	5	ND	3	14	.2	2	3	35	.11	.016	16	22	.31	178	.02	2	1.36	.01	.07	1	10
17400E 19850N	2	23	59	87	.4	11	6	115	4.97	16	5	ND	8	71	.4	12	3	20	.11	.062	37	16	.18	157	.01	5	.87	.04	.33	1	20
17400E 19900N	1	26	30	94	.4	21	6	113	1.81	19	5	ND	2	33	.4	11	2	32	.24	.045	20	26	.35	234	.03	3	1.12	.01	.10	1	370
17400E 19950N	1	24	12	63	.3	16	7	175	2.06	17	5	ND	1	27	.3	2	4	34	.14	.041	18	23	.29	255	.03	2	1.12	.01	.07	1	135
17400E 20000N	1	16	6	64	.1	18	8	179	2.50	3	5	ND	2	15	.2	2	2	31	.09	.027	22	21	.34	222	.02	4	1.25	.01	.08	1	15
17600E 19000N	1	9	6	51	.1	13	6	115	1.95	26	5	ND	4	23	.4	2	3	36	.15	.051	15	18	.28	146	.06	2	1.01	.01	.07	1	10
17600E 19050N	1	17	14	60	.1	16	12	243	2.55	31	5	ND	2	42	.3	2	2	41	.15	.042	20	23	.36	235	.06	3	1.19	.01	.10	1	15
17600E 19100N	1	16	5	49	.1	13	5	109	1.82	10	5	ND	1	18	.3	2	3	35	.10	.033	15	19	.23	214	.04	2	1.13	.01	.05	1	25
17600E 19150N	1	14	11	66	.2	16	7	140	2.44	19	5	ND	4	28	.2	2	2	44	.18	.042	17	24	.38	199	.06	2	1.41	.01	.07	1	35
STANDARD C	19	59	39	132	7.1	73	31	1052	3.98	41	21	7	39	52	18.6	15	18	56	.48	.091	39	58	.89	177	.09	32	1.89	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
17600E 19200N	1	20	12	93	.1	20	14	1215	2.40	8	5	ND	1	36	.6	2	2	38	.30	.060	14	23	.36	532	.05	2	1.21	.02	.08	1	35
17600E 19250N	1	14	7	53	.1	15	7	176	2.15	10	5	ND	4	21	.2	2	2	34	.18	.032	16	23	.38	237	.06	2	1.22	.01	.05	2	30
17600E 19300N	1	13	8	58	.1	15	7	159	2.38	15	5	ND	4	21	.2	2	3	39	.16	.040	15	25	.40	176	.05	2	1.37	.01	.06	1	80
17600E 19350N	1	8	13	57	.1	11	6	158	2.11	12	5	ND	1	20	.2	2	2	36	.11	.036	15	21	.30	133	.03	2	1.27	.01	.06	2	20
17600E 19450N	2	13	16	44	.3	14	6	109	2.50	30	5	ND	1	24	.4	4	2	44	.10	.054	14	21	.25	201	.03	2	1.13	.01	.08	1	20
17600E 19500N	5	10	19	49	.1	8	4	73	2.37	17	5	ND	2	18	.2	2	2	41	.08	.031	24	15	.13	232	.02	2	.95	.02	.09	1	15
17600E 19550N	3	50	42	121	1.3	44	20	706	2.95	39	8	ND	2	100	.5	11	2	47	.75	.075	29	33	.60	830	.05	2	1.80	.01	.14	1	245
17600E 19600N	1	62	56	264	1.3	68	17	695	2.97	19	5	ND	2	98	4.1	5	2	31	.71	.072	20	20	.28	1095	.01	5	1.57	.01	.19	1	240
17600E 19650N	1	19	23	91	.3	22	8	208	2.11	5	9	ND	1	43	.9	2	2	24	.22	.046	33	12	.13	444	.01	3	.81	.01	.17	1	15
17600E 19700N	1	12	10	57	.1	18	7	176	2.08	6	5	ND	4	20	.2	2	2	30	.14	.014	20	20	.34	245	.03	2	1.12	.01	.09	1	15
17600E 19750N	1	13	12	46	.2	14	6	118	1.80	3	5	ND	4	17	.2	2	2	31	.08	.013	24	15	.22	187	.02	2	.94	.01	.09	1	10
RE 17600E 20000N	1	20	10	63	.3	24	9	322	2.64	7	5	ND	3	18	.2	2	2	38	.12	.033	27	23	.36	536	.02	2	1.59	.01	.09	1	25
17600E 19800N	1	9	11	46	.1	11	4	93	1.78	3	5	ND	3	14	.2	2	2	32	.08	.014	24	14	.16	147	.02	2	.95	.01	.07	1	10
17600E 19850N	1	13	9	65	.1	17	6	141	2.26	5	5	ND	3	19	.2	2	2	35	.14	.035	25	18	.25	300	.02	2	1.19	.01	.12	1	10
17600E 19900N	1	14	12	53	.1	18	7	153	2.50	7	5	ND	3	11	.2	2	2	39	.08	.019	18	21	.28	184	.02	3	1.45	.01	.07	1	15
17600E 19950N	1	13	15	83	.2	12	6	184	2.41	50	5	ND	1	37	.5	2	2	43	.13	.039	15	20	.23	193	.04	3	1.12	.01	.08	1	35
17600E 20000N	1	18	11	62	.3	24	9	318	2.56	7	5	ND	3	17	.2	2	2	37	.12	.033	26	24	.35	510	.02	2	1.55	.01	.10	1	20
18000E 15000N	1	27	9	70	.1	25	10	308	2.63	9	5	ND	6	34	.3	2	2	44	.35	.043	20	28	.42	405	.08	2	1.56	.01	.05	1	35
18000E 15050N	1	23	10	75	.1	21	9	190	2.54	17	5	ND	2	30	.2	2	2	46	.29	.038	15	31	.44	367	.06	2	1.75	.01	.05	1	40
18000E 15100N	2	33	13	71	.2	24	13	345	2.69	39	5	ND	2	40	.3	2	2	47	.42	.050	17	34	.47	480	.06	2	1.80	.01	.04	1	95
18000E 15150N	1	33	14	83	.1	23	12	753	3.21	19	5	ND	32	53	.3	2	2	59	.50	.096	32	61	.70	500	.19	2	1.76	.01	.39	5	25
18000E 15200N	1	11	9	88	.1	23	12	1041	2.63	6	5	ND	5	27	.2	2	2	43	.26	.043	12	27	.37	658	.07	2	1.52	.01	.10	1	10
18000E 15250N	1	5	9	39	.1	10	7	159	1.61	5	5	ND	3	15	.2	2	2	36	.16	.024	13	17	.24	204	.06	2	.93	.01	.03	1	25
18000E 15350N	1	13	12	50	.1	15	7	167	2.27	8	5	ND	3	20	.2	2	2	39	.20	.035	14	24	.38	226	.05	2	1.42	.01	.04	1	105
18000E 15400N	1	10	6	46	.1	15	5	108	1.98	8	5	ND	1	19	.2	2	2	37	.19	.036	13	24	.33	191	.05	2	1.31	.01	.04	1	20
18000E 15450N	1	23	10	60	.1	21	9	230	2.53	11	5	ND	5	32	.2	2	2	43	.28	.038	19	30	.45	290	.07	2	1.51	.01	.05	1	30
18000E 15500N	1	23	11	72	.1	23	9	260	2.54	10	5	ND	4	38	.2	2	2	40	.56	.061	17	25	.50	381	.07	2	1.32	.02	.06	1	100
18000E 15550N	1	32	7	75	.1	28	11	641	2.63	13	5	ND	4	57	.2	2	2	43	.74	.067	19	28	.55	409	.07	3	1.43	.02	.06	1	45
18000E 15650N	1	16	5	48	.1	16	7	148	1.81	10	6	ND	1	32	.2	2	2	33	.34	.043	14	20	.31	311	.04	2	1.06	.01	.07	1	20
18000E 15700N	1	16	6	55	.1	21	7	183	2.15	8	5	ND	3	31	.2	2	2	36	.35	.054	14	24	.44	226	.07	2	1.20	.01	.05	1	15
18000E 15750N	1	23	14	66	.1	25	9	287	2.47	12	5	ND	9	38	.2	2	2	42	.43	.055	18	28	.49	362	.07	2	1.38	.02	.06	1	35
18000E 15800N	1	20	12	66	.1	23	10	282	2.52	10	6	ND	7	38	.2	2	2	45	.48	.054	19	28	.46	386	.06	4	1.59	.01	.05	1	25
18000E 15850N	1	19	6	58	.1	22	9	187	2.34	12	5	ND	6	30	.2	2	3	40	.35	.053	18	27	.47	304	.07	2	1.39	.01	.05	1	20
18000E 15900N	1	18	13	64	.1	21	11	402	2.39	13	5	ND	16	35	.2	2	3	39	.33	.067	21	24	.42	327	.06	2	1.33	.01	.06	1	30
18000E 15950N	1	16	7	59	.1	18	8	277	2.00	10	5	ND	5	28	.2	2	2	30	.26	.065	13	19	.35	157	.06	2	.89	.01	.06	1	20
18000E 16000N	1	13	10	47	.1	15	7	163	2.21	8	5	ND	3	20	.2	2	2	43	.20	.034	14	25	.34	299	.06	2	1.52	.01	.04	1	20
18000E 16050N	1	9	8	53	.1	14	7	134	2.15	9	5	ND	1	18	.2	2	4	44	.19	.028	13	25	.37	273	.06	2	1.55	.01	.04	2	15
STANDARD C	18	57	40	132	7.2	70	31	1042	3.95	41	20	7	38	51	18.5	16	21	55	.48	.090	38	58	.88	174	.09	34	1.87	.06	.15	11	1400

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
18000E 16100N	1	11	8	48	.1	18	7	110	2.18	7	5	ND	8	23	.2	2	2	45	.22	.024	14	28	.40	1034	.08	2	1.59	.01	.05	1	15
18000E 16150N	1	18	9	55	.3	23	9	168	2.52	12	5	ND	10	32	.4	2	2	43	.31	.051	16	29	.45	969	.07	4	1.38	.01	.06	1	25
18000E 16200N	1	18	8	55	.2	20	7	152	2.26	12	5	ND	7	33	.3	2	2	47	.32	.048	15	31	.40	995	.07	2	1.31	.01	.06	1	20
18000E 16250N	1	24	16	71	.4	24	14	451	3.49	13	5	ND	11	43	.3	2	2	70	.45	.071	17	47	.70	970	.15	4	1.95	.01	.07	1	30
18000E 16300N	1	47	17	145	.5	31	21	1470	4.38	11	5	ND	26	57	.6	2	2	81	.79	.122	40	57	.81	830	.18	2	2.19	.02	.16	1	45
18000E 16350N	1	21	15	157	.2	24	15	616	3.95	10	5	ND	30	40	.5	2	2	77	.55	.110	44	52	.63	448	.18	4	1.99	.01	.30	1	25
18000E 16400N	1	23	25	182	.1	27	16	814	4.04	10	5	ND	45	38	.6	2	2	76	.49	.118	47	54	.67	473	.22	4	1.76	.01	.46	1	20
18000E 16450N	1	65	26	313	.1	46	19	1100	5.40	25	5	ND	71	48	1.8	2	2	97	1.00	.168	96	75	1.01	437	.29	6	1.91	.02	.85	1	45
18000E 16500N	1	42	30	225	.2	22	17	1047	4.86	27	5	ND	96	32	.8	2	2	85	.56	.146	103	64	.78	438	.29	4	1.71	.01	.62	1	15
18300E 16000N	1	30	9	86	.2	18	12	1015	3.03	26	5	ND	15	100	.6	2	2	58	.57	.089	38	34	.65	489	.15	4	1.63	.02	.08	1	20
18300E 16050N	1	37	12	86	.1	18	12	393	3.27	30	5	ND	16	159	.2	2	3	63	.69	.137	48	34	.91	483	.24	6	1.59	.02	.12	1	20
RE 18300E 16300N	1	18	21	96	.1	20	12	502	3.27	22	5	ND	28	36	.3	2	2	49	.23	.106	20	32	.48	399	.07	2	1.93	.01	.09	1	25
18300E 16100N	1	28	16	72	.4	17	15	727	2.80	19	8	ND	9	55	.3	2	2	62	.40	.044	28	28	.35	435	.07	2	1.55	.02	.06	1	40
18300E 16150N	1	10	7	61	.1	12	7	262	2.06	8	6	ND	8	26	.2	2	2	40	.25	.044	19	22	.34	237	.07	2	1.15	.01	.07	1	10
18300E 16200N	1	7	13	75	.2	12	6	184	2.41	5	5	ND	8	21	.3	2	2	43	.18	.084	14	21	.28	218	.05	2	1.24	.01	.05	1	25
18300E 16250N	1	13	15	50	.2	13	11	388	2.38	12	5	ND	15	26	.2	2	2	43	.19	.046	22	23	.31	267	.06	4	1.40	.01	.04	1	35
18300E 16300N	1	18	17	92	.1	20	12	496	3.19	20	5	ND	28	33	.2	2	2	48	.22	.103	19	30	.46	387	.06	3	1.85	.01	.09	1	35
18300E 16350N	1	16	26	99	.1	18	11	1091	2.95	21	5	ND	59	31	.3	2	3	43	.24	.088	45	25	.36	316	.08	3	1.70	.01	.09	1	20
18300E 16400N	1	43	28	121	.1	22	11	671	3.14	12	9	ND	82	40	.2	2	2	44	.36	.097	53	30	.45	368	.07	3	1.91	.01	.13	1	15
18300E 16450N	1	12	18	95	.2	15	10	928	2.57	6	5	ND	78	235	.3	2	4	36	.34	.091	49	24	.36	456	.07	3	1.87	.01	.10	1	15
18300E 16500N	1	15	17	104	.1	21	12	1066	3.25	13	5	ND	31	58	.2	2	3	49	.35	.078	27	28	.41	474	.07	6	1.81	.01	.14	1	15
18300E 16550N	1	48	22	113	.2	21	12	614	3.97	48	7	ND	61	77	.2	2	2	53	.41	.112	41	35	.47	421	.08	4	2.13	.01	.13	1	15
18300E 16600N	1	43	26	123	.3	19	10	373	3.68	14	8	ND	51	59	.2	2	2	50	.29	.101	29	30	.48	337	.09	3	1.98	.01	.15	1	10
18300E 16650N	1	13	25	161	.2	17	14	930	3.90	9	5	ND	38	35	.7	2	2	57	.27	.117	16	30	.45	417	.10	3	1.73	.01	.12	1	25
18300E 16700N	1	16	18	106	.1	17	9	224	3.47	11	5	ND	25	68	.3	2	2	52	.31	.124	19	33	.46	386	.07	3	1.95	.01	.08	1	10
18300E 16750N	1	9	14	181	.2	13	15	4025	2.49	2	5	ND	2	35	.7	2	2	41	.36	.093	15	22	.25	473	.08	2	1.17	.01	.06	1	30
18300E 16800N	1	14	12	101	.3	13	16	1893	3.40	9	5	ND	2	20	.3	2	2	59	.21	.061	11	31	.46	295	.08	2	1.73	.01	.09	1	75
18300E 16850N	1	15	14	82	.1	14	8	220	3.39	77	5	ND	22	65	.2	2	2	45	.15	.072	36	24	.36	195	.02	4	1.55	.01	.05	1	55
18300E 16900N	1	22	15	97	.2	17	10	312	3.96	65	5	ND	5	30	.2	2	2	80	.16	.070	18	42	.71	136	.14	4	1.66	.01	.18	1	215
18300E 16950N	1	12	32	120	.1	16	13	804	3.57	32	5	ND	45	14	.3	2	3	53	.18	.123	22	34	.55	193	.15	3	1.62	.01	.12	1	35
18300E 17000N	1	12	17	101	.2	16	10	358	3.45	17	5	ND	10	14	.4	2	2	63	.17	.057	13	36	.44	189	.07	4	2.31	.01	.05	1	15
18500E 16000N	1	20	10	94	.3	18	9	553	2.83	18	5	ND	18	55	.2	2	2	54	.45	.083	24	36	.53	369	.13	5	1.48	.01	.19	1	20
18500E 16050N	1	27	15	141	.1	26	17	671	3.99	16	5	ND	19	45	.2	2	2	77	.45	.160	30	58	.77	334	.21	3	1.81	.01	.41	1	20
18500E 16100N	1	31	23	251	.1	24	19	1220	5.50	18	5	ND	27	91	.4	2	2	125	.51	.204	60	43	.79	529	.28	4	2.17	.01	.55	1	35
18500E 16150N	1	64	15	103	.3	26	14	479	3.55	33	5	ND	23	35	.3	2	2	65	.33	.084	33	56	.72	315	.20	5	1.53	.01	.38	1	25
18500E 16200N	1	66	15	92	.3	23	15	462	4.74	45	5	ND	26	204	.2	2	5	97	.73	.253	93	58	.92	323	.18	3	1.83	.01	.41	3	15
18500E 16250N	1	56	14	143	.2	25	15	572	4.14	48	5	ND	29	106	.4	2	2	85	.40	.144	58	48	.61	303	.16	4	1.73	.01	.26	1	25
STANDARD C	18	58	37	131	6.9	70	32	1030	3.93	38	18	6	36	52	18.6	15	18	56	.47	.089	36	58	.87	174	.09	31	1.85	.06	.15	11	1700

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
18500E 16300N	1	16	13	88	.2	16	14	1779	2.66	5	5	ND	11	66	.3	2	2	45	.44	.094	16	26	.38	425	.11	6	1.25	.02	.17	1	20
18500E 16350N	1	19	26	112	.1	16	21	3539	3.08	11	5	ND	37	79	.4	2	4	53	.27	.107	24	28	.37	613	.10	3	1.87	.02	.09	1	30
18500E 16400N	1	13	20	68	.3	24	20	1644	2.82	7	7	ND	15	24	.2	2	3	51	.19	.037	17	28	.38	455	.07	2	1.80	.01	.04	1	20
18500E 16450N	1	35	16	73	.1	21	12	279	2.98	14	5	ND	40	46	.2	2	2	43	.26	.036	33	32	.52	269	.07	2	1.70	.01	.05	1	55
18500E 16500N	1	27	23	155	.2	19	14	3290	3.68	46	7	ND	27	51	.5	2	3	51	.42	.152	89	27	.42	583	.06	2	1.88	.02	.16	1	85
18500E 16550N	1	35	23	82	.2	20	10	214	3.18	100	5	ND	48	24	.3	2	3	56	.19	.056	21	31	.45	216	.06	2	1.92	.01	.05	1	30
18500E 16600N	1	21	31	110	.1	28	11	250	3.96	23	5	ND	53	19	.2	2	2	63	.18	.109	26	37	.56	208	.08	3	2.61	.01	.11	1	50
18500E 16650N	1	15	14	95	.1	20	11	268	3.06	13	5	ND	18	15	.2	2	3	54	.13	.037	15	29	.42	211	.08	2	2.00	.01	.06	1	40
18500E 16700N	1	15	14	106	.2	21	14	363	3.67	15	9	ND	22	14	.2	2	2	62	.11	.045	19	32	.49	208	.11	2	2.18	.01	.09	1	45
RE 18500E 16900N	1	15	13	64	.1	21	11	191	3.37	11	7	ND	5	15	.2	2	2	50	.12	.023	14	32	.47	205	.07	2	2.07	.01	.04	1	25
18500E 16750N	1	11	14	136	.1	19	12	383	3.49	14	5	ND	10	15	.3	2	2	56	.12	.065	16	29	.47	185	.08	3	1.73	.01	.08	1	25
18500E 16800N	1	18	12	69	.3	20	12	741	3.24	28	5	ND	7	23	.2	2	2	56	.12	.025	14	36	.44	206	.06	2	2.33	.01	.05	1	85
18500E 16850N	1	12	11	60	.1	16	8	202	2.63	12	5	ND	6	16	.2	2	2	45	.11	.021	13	26	.37	164	.06	2	1.67	.01	.04	1	35
18500E 16900N	1	15	10	64	.1	21	10	191	3.44	12	5	ND	5	15	.2	2	2	51	.12	.023	15	34	.48	209	.07	3	2.15	.01	.04	1	35
18500E 16950N	1	13	13	77	.1	20	12	297	3.64	15	6	ND	5	17	.2	2	2	69	.14	.056	15	35	.50	226	.07	2	2.12	.01	.07	1	20
18700E 15500N	1	24	11	59	.1	17	8	205	2.43	16	5	ND	16	33	.2	2	2	42	.31	.051	29	28	.46	260	.08	3	1.44	.01	.05	1	30
18700E 15550N	1	22	8	53	.1	16	7	149	2.41	19	5	ND	16	32	.2	2	2	41	.29	.047	23	28	.42	209	.07	3	1.52	.01	.05	1	30
18700E 15600N	1	30	17	62	.1	16	8	186	2.78	24	5	ND	7	48	.2	2	3	47	.34	.064	30	31	.42	277	.07	2	1.79	.01	.05	1	40
18700E 15650N	1	30	13	55	.1	13	8	174	2.65	37	5	ND	23	56	.3	2	2	47	.28	.056	32	27	.37	217	.07	2	1.46	.01	.05	1	40
18700E 15700N	1	17	11	46	.1	14	6	105	2.23	16	5	ND	12	28	.2	2	2	44	.23	.034	17	26	.39	166	.07	2	1.47	.01	.04	1	25
18700E 15750N	1	18	11	51	.1	17	6	113	2.26	14	5	ND	7	30	.2	2	2	40	.29	.045	17	27	.43	239	.07	3	1.42	.01	.05	2	35
18700E 15800N	1	35	11	62	.2	19	12	302	2.65	38	6	ND	15	57	.2	2	2	43	.31	.071	29	31	.50	279	.08	2	1.31	.01	.06	1	30
18700E 15850N	1	36	22	89	.2	15	9	272	3.35	32	5	ND	27	69	.3	2	2	62	.30	.128	26	31	.38	331	.11	4	1.37	.01	.12	1	40
18700E 15900N	1	23	15	74	.1	15	10	337	3.25	27	5	ND	10	54	.2	2	2	59	.21	.086	22	30	.45	330	.08	2	1.74	.01	.08	1	25
18700E 15950N	1	20	12	68	.2	17	9	270	3.12	32	5	ND	13	50	.2	2	2	56	.23	.107	17	30	.44	368	.07	3	1.75	.01	.09	1	20
18700E 16000N	1	30	14	135	.1	17	13	656	3.75	30	5	ND	37	72	.2	2	6	69	.37	.128	34	37	.53	283	.14	3	1.64	.01	.26	1	25
18700E 16050N	1	259	23	194	.3	20	16	1036	3.94	168	5	ND	30	73	.6	2	4	75	.50	.134	49	29	.52	503	.08	5	1.84	.01	.27	1	20
18700E 16100N	1	253	13	119	2.4	21	12	450	4.79	882	5	ND	20	123	.3	2	42	66	.44	.109	52	38	.51	350	.10	4	1.56	.01	.21	1	20
18700E 16150N	1	28	23	131	.1	17	12	816	3.58	37	5	ND	60	436	.2	2	3	76	.60	.103	72	39	.47	403	.10	4	1.57	.01	.22	1	35
18700E 16200N	1	99	28	149	.3	17	14	999	3.98	142	9	ND	58	642	.7	2	6	81	.86	.135	89	39	.53	724	.08	4	1.59	.01	.21	1	50
18700E 16250N	1	38	20	129	.2	21	15	526	4.56	91	5	ND	41	152	.2	2	8	102	.51	.138	70	38	.65	376	.13	2	1.95	.01	.28	1	25
18700E 16300N	1	84	19	98	.5	22	12	366	3.94	114	5	ND	24	150	.5	2	3	59	.60	.176	46	33	.79	327	.19	4	1.77	.01	.36	1	50
18700E 16350N	1	77	15	141	.2	19	15	434	4.31	36	5	ND	21	256	.2	2	6	62	.84	.279	76	38	.82	491	.21	3	1.99	.01	.49	1	30
18700E 16400N	1	19	19	161	.2	20	15	666	3.81	14	5	ND	22	94	.5	2	3	67	.34	.255	36	33	.59	311	.17	3	1.89	.01	.17	1	40
18700E 16450N	1	13	10	68	.1	10	7	953	2.08	11	5	ND	25	66	.2	2	2	42	.25	.099	23	21	.27	248	.08	2	1.05	.01	.07	1	35
18700E 16500N	1	14	10	55	.1	15	8	206	2.36	11	5	ND	6	21	.2	2	2	40	.18	.032	18	25	.39	200	.06	3	1.42	.01	.03	2	40
18700E 16550N	1	18	13	92	.1	15	11	611	2.69	16	5	ND	20	38	.2	2	2	46	.31	.128	18	26	.39	232	.07	2	1.27	.01	.08	1	45
STANDARD C	18	56	38	133	7.4	70	31	1044	3.99	40	18	7	39	52	18.5	14	19	54	.48	.090	38	58	.88	176	.09	32	1.89	.06	.15	11	1550

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
18700E 16600N	1	24	11	57	.1	18	7	147	2.50	9	5	ND	14	16	.2	2	2	41	.10	.019	24	26	.39	146	.06	2	1.46	.01	.04	1	25
18700E 16650N	1	18	19	74	.1	25	9	295	3.50	23	5	ND	19	17	.2	2	2	61	.12	.043	17	34	.56	220	.06	2	2.45	.01	.06	1	40
18700E 16700N	1	16	12	69	.1	22	9	251	3.33	10	5	ND	12	18	.3	2	2	63	.14	.050	15	29	.41	297	.06	2	2.09	.01	.04	1	25
18700E 16750N	1	11	10	48	.1	14	5	107	2.37	7	5	ND	1	19	.2	2	2	47	.17	.064	15	24	.34	158	.03	2	1.60	.01	.03	1	20
18700E 16800N	1	22	8	57	.1	27	9	162	2.99	12	5	ND	5	18	.2	2	2	47	.15	.040	16	28	.43	176	.06	2	1.84	.01	.03	1	20
18700E 16850N	1	19	23	98	.1	23	11	360	4.16	228	5	ND	23	37	.2	2	2	65	.09	.075	29	33	.35	164	.02	2	1.92	.01	.04	1	85
18700E 16900N	1	11	10	58	.1	17	8	227	2.74	16	5	ND	7	17	.2	2	2	50	.13	.026	20	27	.43	226	.06	2	1.89	.01	.04	1	40
18700E 16950N	1	22	34	84	.1	14	5	213	1.64	34	5	ND	39	165	.5	4	2	17	3.37	.058	34	16	1.33	121	.11	340	2.74	.02	.02	1	40
18700E 17000N	1	322	126	127	1.0	28	20	255	4.51	68	5	ND	9	104	1.0	4	55	31	1.30	.080	27	25	.75	258	.08	75	2.60	.01	.05	1	5
18900E 15500N	1	22	11	66	.2	21	9	303	2.24	8	5	ND	3	33	.2	2	2	43	.36	.072	15	22	.35	492	.05	4	1.49	.01	.08	1	20
18900E 15550N	1	19	8	64	.1	22	8	194	2.69	15	5	ND	5	29	.2	2	2	55	.27	.071	15	27	.43	303	.06	2	1.67	.01	.06	1	25
18900E 15600N	1	17	14	53	.1	15	6	113	2.41	20	5	ND	11	25	.2	2	2	51	.22	.060	19	27	.36	191	.07	2	1.59	.01	.05	1	35
RE 18900E 15850N	1	25	17	70	.1	21	11	568	2.84	40	5	ND	17	29	.2	2	2	54	.23	.043	27	28	.43	285	.07	2	1.75	.01	.05	1	35
18900E 15650N	1	16	14	63	.1	15	6	148	2.52	17	5	ND	4	22	.2	2	2	51	.21	.082	18	25	.34	211	.06	2	1.61	.01	.06	1	25
18900E 15700N	1	16	14	55	.1	16	6	127	2.51	18	5	ND	7	21	.2	2	2	53	.19	.042	19	26	.37	186	.06	2	1.66	.01	.04	1	20
18900E 15750N	1	13	12	48	.1	15	6	135	2.48	31	5	ND	10	20	.3	2	2	55	.17	.027	17	24	.35	159	.07	2	1.54	.01	.03	1	10
18900E 15800N	1	14	21	83	.1	17	8	228	3.01	48	5	ND	16	22	.2	2	2	63	.19	.044	21	27	.35	214	.07	2	1.77	.01	.05	1	15
18900E 15850N	1	24	14	70	.1	20	10	552	2.77	38	5	ND	17	28	.2	2	2	54	.22	.042	29	29	.41	277	.07	2	1.73	.01	.05	1	30
18900E 15900N	1	20	13	61	.1	21	10	296	2.68	26	5	ND	18	33	.2	2	2	52	.28	.039	18	30	.47	420	.07	2	1.73	.01	.06	1	25
18900E 15950N	1	19	20	71	.1	23	9	358	2.86	37	5	ND	36	37	.2	2	2	50	.28	.106	29	27	.38	421	.06	2	1.65	.01	.09	1	25
18900E 16000N	1	47	36	119	.1	23	10	400	3.65	107	5	ND	99	47	.2	2	2	59	.35	.131	55	32	.43	267	.08	3	2.13	.01	.12	1	25
18900E 16000N DUP	1	62	40	120	.1	19	9	621	3.58	145	5	ND	113	61	.2	2	3	57	.56	.102	92	30	.43	297	.08	3	1.78	.01	.19	1	30
18900E 16050N	1	84	43	206	.1	25	13	973	4.83	144	5	ND	109	40	.2	2	5	74	.45	.155	73	37	.63	353	.12	3	2.13	.01	.25	1	15
18900E 16100N	1	34	24	110	.1	23	10	408	3.59	97	5	ND	51	39	.2	2	2	60	.37	.095	40	32	.50	269	.08	3	2.06	.01	.12	1	20
18900E 16150N	1	33	30	107	.1	20	9	512	3.05	211	5	ND	70	199	.4	2	3	50	.44	.121	52	25	.41	408	.06	2	1.99	.01	.12	1	20
18900E 16200N	1	28	19	70	.1	14	9	615	2.63	43	5	ND	47	61	.2	2	2	46	.33	.106	34	23	.36	311	.09	2	1.17	.01	.09	1	25
18900E 16250N	1	29	18	149	.1	20	14	1001	3.92	28	5	ND	72	234	.4	2	2	69	.63	.230	63	39	.62	518	.15	2	1.47	.01	.26	1	85
18900E 16300N	1	58	37	78	.1	17	7	348	2.78	34	5	ND	87	103	.2	2	2	46	.46	.094	50	32	.42	393	.08	2	1.68	.01	.14	1	15
18900E 16350N	1	80	25	111	.1	26	10	233	4.39	37	5	ND	63	207	.3	2	2	69	.48	.233	59	39	.62	380	.08	4	2.17	.01	.15	1	20
18900E 16400N	1	26	18	102	.1	20	10	364	3.45	17	5	ND	16	63	.7	2	2	63	.24	.133	19	34	.54	273	.10	2	1.91	.01	.12	1	15
18900E 16450N	1	50	24	99	.1	16	9	388	4.28	82	5	ND	34	97	.2	2	4	91	.30	.241	44	33	.36	216	.09	2	1.62	.01	.08	1	15
18900E 16500N	1	23	12	50	.1	12	6	132	2.49	14	5	ND	15	81	.2	2	2	51	.23	.051	23	22	.34	203	.07	3	1.45	.01	.04	1	45
18900E 16550N	1	38	14	73	.1	21	9	258	3.82	38	5	ND	19	66	.2	2	2	67	.20	.155	23	30	.42	240	.07	2	2.12	.01	.07	1	55
18900E 16600N	1	23	14	66	.1	15	7	472	3.27	88	5	ND	8	59	.2	2	2	68	.16	.103	16	24	.36	204	.06	2	1.51	.01	.06	1	25
18900E 16650N	1	26	11	66	.5	16	8	230	2.97	29	5	ND	15	25	.3	2	2	63	.15	.024	18	28	.37	209	.07	2	1.78	.01	.04	1	25
18900E 16700N	1	32	27	88	.1	12	7	359	3.79	137	5	ND	30	32	.2	2	2	69	.15	.046	21	34	.67	97	.20	2	1.65	.01	.09	1	65
18900E 16750N	1	30	12	83	.4	28	12	256	3.74	57	5	ND	13	20	.2	2	2	68	.12	.029	23	38	.62	180	.10	2	2.42	.01	.06	1	10
STANDARD C	19	60	35	132	7.2	74	34	1051	3.99	44	16	6	39	53	18.4	15	19	58	.49	.094	39	57	.91	177	.08	33	1.90	.06	.14	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
18900E 16800N	1	12	12	76	.4	12	10	444	3.00	86	5	ND	5	10	.2	2	2	49	.08	.052	12	24	.29	127	.04	2	1.68	.01	.04	1	55
18900E 16850N	1	27	12	66	.2	20	10	321	3.14	121	5	ND	18	14	.2	2	2	47	.10	.026	27	33	.47	164	.07	2	2.08	.01	.05	1	50
18900E 16900N	1	22	17	57	.3	11	5	141	3.46	476	5	ND	15	13	.2	3	7	59	.09	.030	16	24	.34	140	.05	2	1.70	.01	.03	1	15
18900E 16950N	1	22	13	62	.1	13	6	221	2.67	243	5	ND	5	24	.2	2	2	39	.20	.062	23	23	.34	93	.03	2	1.18	.01	.03	1	60
18900E 17000N	1	53	20	93	.1	8	8	487	3.67	118	7	ND	35	138	.2	2	4	66	.68	.170	91	24	.87	123	.06	3	1.18	.01	.04	1	40
22400E 17000N	1	24	20	72	.4	29	10	200	4.51	19	5	ND	4	14	.3	2	2	78	.09	.055	16	59	.39	231	.09	2	2.21	.01	.06	1	25
22400E 17050N	1	30	16	144	.6	81	41	369	3.34	9	5	ND	1	52	.6	2	2	55	.59	.089	14	65	.63	431	.08	2	2.03	.01	.12	1	70
22400E 17100N	1	33	12	128	.8	55	20	369	4.06	12	5	ND	1	50	.3	2	2	87	.39	.100	14	78	1.06	773	.15	2	2.36	.02	.14	1	55
22400E 17150N	1	27	13	97	.3	49	13	259	4.02	8	5	ND	2	79	.4	2	2	66	.60	.094	14	73	1.19	752	.24	3	2.21	.02	.13	1	35
22400E 17250N	1	26	79	139	.4	77	15	239	3.94	10	5	ND	2	120	.6	3	2	42	1.14	.136	16	98	.54	959	.17	3	1.57	.03	.11	1	20
22400E 17300N	1	31	23	146	.5	31	11	562	1.69	15	5	ND	1	90	1.6	2	2	28	2.18	.140	16	22	.33	513	.04	6	1.36	.02	.04	1	140
22400E 17550N	1	27	37	172	.8	20	7	408	1.04	5	5	ND	1	73	3.2	2	2	16	3.56	.102	11	13	.24	214	.02	10	.92	.01	.03	1	160
22400E 17600N	1	26	36	184	.8	17	7	545	1.23	6	5	ND	1	62	2.2	2	2	20	2.97	.093	10	15	.24	198	.02	6	.90	.01	.02	1	150
22400E 17750N	1	21	9	65	.3	25	7	176	2.13	29	5	ND	3	38	.6	2	2	49	.83	.029	9	25	.61	238	.04	2	1.71	.01	.04	1	30
22400E 17800N	1	26	11	66	.4	29	8	261	2.58	21	5	ND	3	33	.6	2	2	45	.76	.061	14	28	.52	242	.04	2	1.81	.02	.04	1	65
22400E 17850N	1	23	8	75	.3	34	9	158	2.75	14	5	ND	4	28	.3	2	2	58	.29	.026	10	30	.52	194	.04	2	2.18	.01	.04	1	20
22400E 17900N	10	59	28	87	2.7	50	10	128	7.70	123	5	ND	2	467	.9	46	2	179	.45	.215	24	100	.63	100	.15	2	2.84	.19	.27	1	35
22400E 17950N	1	34	14	147	.5	50	7	215	2.23	13	5	ND	2	43	1.9	2	2	66	1.19	.114	13	33	.72	160	.04	2	1.62	.01	.05	1	45
RE 22400E 18200N	1	16	11	72	.4	15	4	103	1.67	5	5	ND	1	15	1.1	2	2	37	.19	.033	15	17	.24	199	.03	2	1.01	.01	.05	1	25
22400E 18000N	1	114	10	258	3.1	62	3	264	.99	9	5	ND	1	78	2.9	2	2	67	3.67	.111	9	36	.26	185	.02	10	.72	.01	.03	1	110
22400E 18050N	1	92	7	365	2.0	76	6	360	1.15	9	5	ND	1	83	7.6	2	2	130	3.40	.124	12	47	.55	238	.02	12	.94	.01	.03	1	120
22400E 18100N	1	116	9	274	3.1	83	6	371	1.38	12	8	ND	1	69	6.5	3	2	121	2.46	.143	16	46	.65	274	.02	6	1.26	.01	.04	1	125
22400E 18150N	2	37	7	208	.7	44	6	210	1.54	7	5	ND	5	42	2.4	2	2	62	1.77	.066	19	32	2.29	139	.03	5	1.71	.01	.11	1	35
22400E 18200N	1	14	9	72	.4	15	4	102	1.54	6	5	ND	1	15	1.2	2	2	36	.24	.032	14	17	.30	186	.03	2	1.00	.01	.05	1	25
22400E 18250N	7	44	14	160	1.1	57	15	320	3.67	15	5	ND	3	21	.5	7	2	42	.74	.048	18	21	.89	286	.01	5	1.52	.01	.12	1	65
22400E 18300N	1	27	8	113	.7	28	7	350	1.83	7	5	ND	2	77	.9	2	2	67	1.76	.057	12	39	1.95	174	.09	3	2.00	.02	.07	1	70
22400E 18350N	2	42	10	142	1.5	36	6	393	1.73	57	5	ND	2	65	1.0	460	2	59	2.55	.079	13	30	1.38	147	.03	4	1.37	.01	.07	1	110
22400E 18400N	2	30	12	174	1.1	29	7	502	1.80	115	5	ND	1	46	1.7	449	2	52	1.33	.073	15	33	1.58	230	.02	3	1.74	.01	.07	1	165
22400E 18450N	1	10	12	66	.3	12	5	184	2.94	19	5	ND	4	11	.3	31	2	46	.15	.026	17	21	.34	169	.03	2	1.49	.01	.06	1	25
22400E 18500N	1	10	11	43	.5	8	4	101	1.95	9	5	ND	4	11	.2	9	2	37	.09	.019	22	15	.18	232	.03	2	1.14	.01	.05	1	15
22400E 18550N	1	11	12	77	.4	10	6	227	2.97	29	5	ND	4	11	.3	7	2	49	.11	.035	13	24	.27	181	.04	2	1.91	.01	.05	1	30
22400E 18600N	1	7	11	47	.1	10	4	128	2.00	8	5	ND	3	9	.2	3	2	35	.07	.016	13	19	.24	94	.04	2	1.31	.01	.04	1	10
22400E 18650N	1	15	14	103	.6	20	10	287	3.76	11	5	ND	4	10	.5	2	2	58	.08	.044	11	37	.38	159	.06	2	2.76	.01	.05	1	50
22400E 18700N	1	8	11	29	.1	5	2	56	1.23	6	5	ND	2	9	.2	3	2	41	.05	.019	18	13	.11	59	.04	2	.97	.01	.04	1	15
22400E 18750N	1	23	10	77	.1	23	8	225	2.43	9	5	ND	3	24	.2	6	2	31	.20	.055	19	24	.39	185	.05	2	1.04	.01	.07	1	35
22400E 18800N	2	30	15	268	.9	47	10	392	2.08	28	5	ND	3	46	3.1	114	2	56	.64	.082	21	31	.59	312	.03	3	1.58	.01	.05	1	135
22400E 18850N	2	18	13	65	.3	14	7	269	3.78	11	5	ND	4	18	.8	5	2	48	.14	.031	18	22	.24	254	.03	2	1.53	.01	.07	1	25
STANDARD C	17	59	40	128	7.4	69	31	1022	3.86	43	18	7	39	53	18.3	16	19	56	.48	.091	37	57	.84	171	.09	34	1.88	.06	.13	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
22400E 18900N	1	15	10	55	.7	14	6	174	2.81	9	5	ND	4	11	.2	2	2	45	.08	.018	15	25	.28	220	.03	2	1.65	.01	.05	1	40
22400E 18950N	2	29	16	112	.6	29	16	378	3.86	9	5	ND	5	18	.3	2	2	46	.06	.041	20	26	.33	180	.02	2	1.84	.01	.07	1	35
22400E 19000N	2	39	15	111	.2	38	17	640	5.14	13	5	ND	5	11	.2	2	2	49	.06	.054	27	36	.52	355	.01	3	2.48	.01	.08	1	45
22800E 17000N	5	14	14	96	.1	19	6	215	2.80	13	5	ND	3	24	.4	2	2	65	.11	.036	14	26	.33	108	.06	2	1.52	.01	.04	1	85
22800E 17050N	7	35	13	286	.2	38	7	147	3.45	13	5	ND	7	259	1.2	15	2	67	.60	.035	13	38	2.10	327	.16	2	2.70	.03	.10	1	60
22800E 17150N	6	19	14	137	.3	18	3	103	1.58	15	5	ND	1	78	.9	2	2	88	.45	.038	14	33	.76	249	.13	2	1.29	.02	.06	1	80
22800E 17200N	2	22	6	72	.2	12	3	126	1.21	7	5	ND	1	28	1.0	2	2	30	.19	.049	9	16	.30	110	.05	7	.86	.01	.05	1	75
22800E 17250N	4	12	11	65	.1	10	3	114	2.10	9	5	ND	3	18	.2	2	2	63	.10	.029	13	18	.21	68	.08	2	1.04	.01	.03	1	25
22800E 17300N	7	31	13	245	.4	36	7	140	3.37	13	5	ND	6	250	1.0	19	2	71	.60	.033	12	38	2.01	306	.15	2	2.51	.03	.10	1	50
22800E 17450N	5	17	14	121	.2	19	3	93	1.47	12	5	ND	1	67	.7	2	2	78	.42	.036	13	31	.66	227	.11	2	1.15	.01	.04	1	85
22800E 17500N	3	32	18	121	.7	28	8	185	3.11	134	5	ND	5	42	.9	2	2	75	.26	.030	21	33	.56	339	.04	2	2.08	.01	.08	1	40
22800E 17550N	4	23	23	125	.4	25	10	299	3.17	16	5	ND	6	49	1.2	4	2	53	.08	.040	25	24	.33	182	.03	2	1.64	.01	.10	1	25
22800E 17600N	1	23	17	97	.1	16	25	765	3.52	16	5	ND	3	63	.3	5	2	54	.09	.058	19	28	.35	186	.03	2	2.01	.01	.08	1	45
22800E 17650N	1	38	17	88	.3	18	14	396	2.43	25	5	ND	1	66	.5	3	2	33	.14	.073	25	27	.40	283	.02	2	1.90	.01	.08	1	50
22800E 17700N	2	42	16	377	.6	62	11	287	2.51	24	5	ND	6	84	4.3	2	2	133	1.26	.129	25	46	.93	466	.11	4	1.77	.02	.06	1	65
22800E 17750N	1	24	23	124	.4	23	5	111	1.81	10	5	ND	3	34	1.0	3	2	38	.29	.048	24	28	.48	283	.04	2	1.53	.01	.09	1	55
22800E 17800N	2	32	14	147	.4	36	9	445	2.47	39	5	ND	4	72	1.3	71	2	52	.71	.070	21	28	.52	345	.03	3	1.40	.01	.07	1	80
22800E 17850N	3	36	14	158	.6	37	8	329	2.37	45	5	ND	4	73	1.1	77	2	54	.77	.068	20	28	.53	349	.03	3	1.41	.01	.07	1	60
22800E 18000N	1	38	19	155	.8	31	16	373	5.20	81	5	ND	6	50	.8	9	2	70	.14	.054	18	30	.51	303	.08	2	1.90	.01	.16	1	25
22800E 18050N	1	40	17	88	.3	29	11	198	4.52	171	5	ND	5	52	.4	12	2	55	.13	.056	17	28	.53	338	.07	2	1.74	.01	.14	1	30
22800E 18100N	1	28	10	74	.2	19	9	251	4.38	57	5	ND	6	30	.8	2	2	61	.09	.075	17	30	.50	267	.06	2	2.18	.01	.15	1	85
22800E 18150N	1	50	21	163	.8	39	23	382	4.61	298	5	ND	10	48	1.2	13	2	46	.04	.065	37	30	.43	420	.01	2	2.07	.01	.24	1	30
22800E 18200N	1	17	10	74	1.5	19	9	239	3.08	27	5	ND	5	15	.4	2	2	49	.09	.030	17	29	.43	221	.05	2	2.07	.01	.08	1	15
22800E 18250N	1	15	10	34	.2	8	3	76	1.43	8	5	ND	2	15	.2	2	2	34	.08	.015	18	15	.18	165	.04	2	1.03	.01	.06	1	20
22800E 18300N	1	30	14	63	.4	18	9	223	3.64	29	5	ND	5	26	.2	2	2	52	.09	.041	25	25	.40	282	.06	2	1.73	.01	.10	1	30
22800E 18350N	1	20	12	51	.3	13	5	138	2.60	19	5	ND	4	19	.3	2	2	45	.09	.027	22	21	.27	192	.05	2	1.35	.01	.08	1	15
22800E 18400N	1	23	15	55	.1	13	5	153	3.13	22	5	ND	5	19	.2	2	2	52	.08	.040	21	25	.38	192	.06	2	1.70	.01	.08	1	15
22800E 18450N	1	18	10	58	.1	18	8	196	2.68	11	5	ND	4	14	.2	2	2	42	.07	.018	16	27	.40	187	.05	2	1.89	.01	.06	1	35
22800E 18500N	2	30	17	79	.3	23	9	151	3.86	9	5	ND	6	27	.2	2	2	39	.05	.040	29	22	.29	366	.01	2	1.77	.01	.10	1	10
22900E 17000N	1	56	5	117	.3	89	24	881	4.07	8	5	ND	2	215	1.1	2	2	89	2.28	.081	20	132	2.28	2369	.29	4	2.87	.03	.25	1	60
22900E 17050N	1	58	5	136	.3	96	26	872	4.36	7	5	ND	2	230	.9	2	2	98	2.16	.089	21	147	2.54	2617	.32	3	3.12	.03	.25	1	70
22900E 17100N	1	57	7	137	.3	99	27	1112	4.81	7	5	ND	2	244	1.1	2	2	104	2.24	.093	20	155	2.68	2867	.34	3	3.24	.03	.27	1	60
22900E 17150N	1	57	4	132	.3	98	28	1172	4.79	8	5	ND	3	236	1.3	2	2	104	2.15	.089	21	153	2.65	2801	.34	3	3.27	.03	.28	1	65
22900E 17200N	6	28	12	76	.7	22	5	129	2.05	11	5	ND	3	187	1.6	9	2	55	.40	.018	10	24	.54	322	.11	2	1.32	.01	.08	1	25
22900E 17250N	4	19	80	115	1.0	13	5	149	2.47	34	5	ND	1	71	.6	10	2	64	.38	.062	16	22	.26	183	.02	2	1.41	.01	.07	1	45
RE 22900E 17050N	1	53	6	128	.4	88	25	819	4.11	7	5	ND	2	216	1.0	2	2	91	1.99	.083	19	135	2.35	2438	.30	3	2.93	.03	.24	1	50
22900E 17300N	2	30	17	51	.2	15	5	168	3.86	25	5	ND	4	35	.2	2	3	60	.17	.042	30	29	.28	290	.05	2	1.61	.01	.09	1	40
STANDARD C	19	61	38	133	7.2	73	33	1080	4.03	42	19	6	40	52	18.7	17	21	56	.50	.089	39	60	.87	178	.09	32	1.91	.06	.15	13	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
22900E 17350N	1	30	25	88	1.1	20	7	160	2.57	34	5	ND	2	42	.6	2	2	33	.23	.086	18	24	.39	160	.04	5	1.17	.01	.08	1	125
22900E 17400N	2	41	34	84	1.6	20	8	160	2.85	63	5	ND	1	53	.7	3	2	34	.18	.087	20	27	.33	189	.03	4	1.20	.01	.09	1	150
22900E 17500N	3	53	24	96	.3	27	13	194	4.13	26	5	ND	3	109	.4	11	2	50	.11	.052	27	29	.56	298	.04	6	1.72	.02	.19	1	25
22900E 17600N	1	26	6	82	.1	22	8	160	2.61	11	5	ND	6	56	.3	2	2	34	.28	.071	20	24	.47	172	.07	5	1.17	.01	.08	1	40
RE 22900E 17900N	4	26	23	87	.3	19	19	475	4.62	76	5	ND	4	29	.8	10	2	64	.12	.081	15	27	.38	283	.06	2	1.52	.01	.12	1	40
22900E 17650N	2	22	11	202	.1	45	14	861	3.17	62	5	ND	6	50	1.4	96	2	47	.41	.062	35	25	.57	340	.02	6	1.43	.01	.12	1	40
22900E 17700N	1	22	10	171	.1	35	11	625	2.36	40	5	ND	3	52	1.2	58	2	43	.51	.061	25	23	.49	277	.03	4	1.19	.01	.09	1	65
22900E 17800N	4	35	16	91	.3	25	12	256	4.56	211	5	ND	5	31	.5	24	2	53	.12	.044	16	28	.50	327	.07	2	1.61	.01	.17	1	50
22900E 17850N	3	23	20	123	.2	28	13	334	4.55	61	5	ND	10	29	.7	13	2	79	.14	.033	16	56	.83	342	.13	3	2.40	.01	.22	1	55
22900E 17900N	3	24	21	78	.2	17	18	435	4.22	70	5	ND	3	25	.4	10	2	59	.11	.075	14	26	.34	260	.07	3	1.38	.01	.11	1	40
22900E 17950N	2	21	11	137	.4	22	18	326	4.27	38	5	ND	4	24	1.5	4	2	63	.12	.038	15	31	.49	580	.07	2	2.21	.01	.08	1	45
22900E 18050N	2	18	15	89	.3	19	11	241	3.70	143	5	ND	4	18	.5	4	2	74	.08	.037	14	27	.36	256	.05	2	1.72	.01	.07	1	30
22900E 18100N	2	22	18	87	.1	24	11	206	4.04	54	5	ND	2	24	.2	3	2	72	.13	.029	16	44	.68	262	.07	4	2.31	.01	.07	1	30
22900E 18150N	2	33	12	64	.2	21	10	200	3.07	32	5	ND	8	20	.5	3	3	46	.11	.024	18	34	.59	198	.07	2	1.72	.01	.06	1	30
22900E 18200N	2	22	10	61	.4	19	9	142	2.92	64	5	ND	1	29	.4	2	2	54	.15	.037	16	31	.50	292	.05	4	1.79	.01	.06	1	70
22900E 18250N	1	26	11	77	.3	28	14	164	3.60	41	5	ND	5	20	.4	2	2	53	.09	.031	15	30	.45	172	.06	2	1.84	.01	.09	1	35
22900E 18300N	1	17	14	134	.8	24	16	257	3.87	24	5	ND	3	22	.4	5	2	58	.11	.049	13	29	.42	235	.06	2	1.94	.01	.08	1	50
22900E 18400N	2	43	24	231	.2	35	34	598	6.30	27	8	ND	4	45	1.1	16	2	65	.12	.098	21	33	.54	444	.07	2	2.43	.01	.16	1	35
22900E 18450N	3	57	29	235	.3	40	36	819	7.28	40	5	ND	6	63	.8	26	7	61	.15	.128	22	30	.55	581	.07	2	2.54	.01	.20	1	35
22900E 18500N	2	43	22	255	.2	36	37	649	6.51	28	5	ND	4	48	.7	16	2	67	.17	.106	21	32	.55	486	.07	7	2.53	.01	.18	1	30
23100E 17000N	1	41	15	154	.3	35	12	335	2.39	11	5	ND	5	67	.9	16	2	49	.92	.055	18	39	1.35	361	.09	3	1.72	.02	.12	1	65
23100E 17050N	2	20	12	132	.2	31	12	316	2.92	9	5	ND	5	71	.3	7	2	63	.61	.063	18	54	1.15	706	.14	4	1.77	.02	.15	1	45
23100E 17100N	2	40	11	155	.4	62	23	666	3.93	13	5	ND	3	116	.9	5	2	87	1.39	.098	19	98	1.72	1653	.20	6	2.43	.03	.16	1	85
23100E 17150N	2	47	15	178	.6	66	25	566	4.36	9	5	ND	3	100	.9	4	3	96	1.02	.086	20	102	1.78	1353	.19	2	2.90	.02	.18	1	115
23100E 17200N	3	41	14	207	.4	53	15	453	2.97	62	10	ND	3	76	1.2	63	2	75	.86	.097	23	40	.74	471	.06	4	1.54	.02	.11	1	105
23100E 17250N	3	59	16	160	.8	45	13	330	2.55	110	5	ND	1	55	1.4	38	3	59	.60	.076	20	35	.53	393	.04	3	1.57	.01	.07	1	500
23100E 17300N	3	35	23	164	.8	38	13	254	2.63	42	5	ND	2	64	1.6	13	2	68	.52	.076	18	49	.65	420	.06	3	1.80	.01	.08	1	175
23100E 17350N	13	129	76	184	.8	45	25	400	8.21	684	7	ND	6	122	2.0	42	5	58	.09	.141	23	33	.57	495	.06	2	2.52	.03	.23	1	35
23100E 17400N	5	46	45	105	.6	24	16	341	4.37	275	6	ND	4	38	.9	20	3	54	.10	.040	15	30	.44	565	.05	3	2.02	.01	.13	1	25
23100E 17450N	11	126	85	155	.5	39	23	342	6.51	476	5	ND	8	70	1.6	47	8	57	.14	.083	20	33	.66	597	.07	2	2.11	.03	.21	1	40
23100E 17500N	5	24	22	77	.1	23	10	216	3.04	95	6	ND	5	22	.5	6	4	55	.11	.021	14	32	.48	186	.06	2	1.61	.01	.07	1	40
23100E 17550N	3	23	33	200	1.2	16	19	2200	2.95	129	5	ND	2	68	4.0	2	2	54	.45	.054	15	27	.39	612	.09	2	1.49	.02	.14	1	70
23100E 17600N	6	50	38	141	.6	28	18	517	4.20	223	5	ND	13	94	.9	7	5	96	.44	.088	26	93	1.43	395	.22	2	2.19	.01	.26	1	35
23100E 17650N	8	37	42	128	.4	27	12	291	3.26	259	9	ND	5	58	1.0	8	12	70	.27	.038	16	37	.63	297	.11	2	1.56	.01	.15	1	25
23100E 17700N	15	101	31	305	.6	25	20	456	4.85	335	7	ND	6	54	2.8	7	2	73	.25	.054	15	37	.60	363	.12	3	2.27	.01	.09	1	35
23100E 17750N	3	19	19	86	.8	13	10	384	2.47	23	5	ND	3	26	.7	2	3	59	.17	.037	13	28	.40	240	.12	2	1.35	.01	.07	1	35
23100E 17800N	5	43	18	77	.7	27	12	249	4.43	25	5	ND	3	35	.7	2	2	115	.20	.091	10	66	.73	325	.29	3	1.94	.02	.20	1	15
STANDARD C	19	61	38	135	7.3	71	32	1083	4.01	42	21	7	40	52	18.8	14	22	57	.50	.090	40	60	.88	181	.09	35	1.91	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23100E 17850N	6	150	12	54	.6	29	8	93	5.76	15	5	ND	2	63	.2	2	2	112	.19	.164	15	82	.63	575	.27	3	2.49	.03	.32	1	50
23100E 17900N	6	59	65	80	.5	28	10	205	3.80	205	5	ND	6	27	.6	42	2	63	.12	.039	15	41	.75	213	.11	2	2.07	.01	.14	1	45
23100E 17950N	5	68	75	126	.6	13	9	236	4.34	414	5	ND	13	726	1.3	113	2	78	.37	.062	17	36	1.14	1038	.09	2	3.14	.01	.24	1	40
23100E 18000N	2	27	27	87	.4	18	8	298	3.52	203	5	ND	10	152	.7	13	2	71	.40	.046	20	37	.92	620	.15	2	2.20	.01	.27	1	120
23100E 18050N	1	33	29	92	.4	19	10	362	3.75	174	5	ND	16	159	.4	15	2	68	.39	.051	38	44	.95	665	.12	2	2.27	.01	.24	1	220
23100E 18100N	1	16	14	100	.2	20	11	744	3.20	37	5	ND	6	39	.6	2	2	56	.23	.061	14	33	.60	385	.10	3	1.79	.01	.18	1	15
23100E 18150N	1	18	12	81	.2	20	8	425	3.39	62	5	ND	5	44	.3	2	2	60	.24	.091	13	33	.62	373	.08	2	2.03	.01	.10	1	25
23100E 18200N	1	15	29	128	1.8	15	9	296	3.28	149	5	ND	4	39	1.3	2	2	57	.21	.060	13	29	.45	290	.10	2	1.76	.01	.13	1	35
23100E 18250N	1	24	22	99	.3	21	9	234	3.92	72	5	ND	8	36	.4	2	2	79	.09	.033	13	41	.73	282	.15	3	2.47	.01	.10	1	45
23100E 18300N	3	24	18	72	.4	13	9	501	2.93	62	5	ND	1	31	.9	3	2	49	.15	.070	15	19	.28	508	.05	3	1.15	.01	.10	1	45
23100E 18350N	2	39	19	95	.4	22	14	445	3.72	175	5	ND	3	27	.6	5	2	51	.15	.058	14	27	.46	527	.06	2	1.90	.01	.11	1	60
23100E 18400N	1	27	15	85	.6	29	16	264	3.72	51	6	ND	6	14	.5	2	2	60	.09	.036	13	31	.48	275	.07	2	2.36	.01	.08	1	30
23100E 18450N	1	28	14	91	.9	14	11	236	3.25	92	5	ND	3	15	.9	2	2	55	.08	.041	15	26	.32	223	.05	2	1.74	.01	.05	1	90
23100E 18500N	1	25	12	65	.2	17	10	236	3.87	292	5	ND	5	14	.4	2	2	57	.07	.035	13	27	.39	197	.06	2	2.00	.01	.05	1	50
23200E 17000N	3	26	16	113	.2	25	8	167	2.23	15	5	ND	3	35	.8	2	2	56	.21	.036	24	32	.46	337	.03	3	1.76	.01	.13	1	50
23200E 17050N	4	55	35	241	.6	77	19	371	4.23	33	5	ND	4	145	1.9	12	2	95	1.07	.131	22	54	.93	540	.07	3	1.94	.02	.20	1	65
23200E 17100N	1	19	18	97	.6	21	9	207	3.19	18	5	ND	4	21	.8	2	2	49	.12	.026	15	31	.41	227	.04	3	1.99	.01	.07	1	35
23200E 17150N	2	31	16	60	.6	12	5	94	2.72	23	5	ND	2	31	.9	2	2	39	.04	.051	34	19	.18	301	.03	3	1.24	.01	.12	1	45
23200E 17200N	1	20	13	54	.3	10	5	148	2.76	48	5	ND	4	24	.6	3	2	39	.07	.026	20	20	.30	223	.03	2	1.28	.01	.09	1	25
23200E 17250N	2	110	13	99	1.6	41	14	249	2.33	38	5	ND	1	73	2.8	2	2	36	.98	.087	19	27	.34	488	.03	3	1.58	.01	.06	1	215
23200E 17300N	4	34	20	156	.8	34	9	247	2.09	16	5	ND	2	60	1.7	4	2	72	.65	.076	15	48	.69	353	.06	3	1.73	.02	.07	1	100
23200E 17350N	2	64	21	69	.6	23	10	123	1.99	135	5	ND	2	38	1.6	2	3	33	.21	.047	13	24	.42	685	.04	2	1.29	.01	.08	1	70
RE 23200E 17150N	1	29	14	55	.6	10	4	84	2.50	22	5	ND	2	30	.9	3	2	36	.04	.046	33	17	.16	282	.02	2	1.12	.01	.11	1	45
23200E 17400N	4	39	40	109	.5	19	13	1074	4.70	412	5	ND	1	48	2.0	15	2	48	.14	.070	14	23	.29	795	.04	3	1.62	.02	.11	1	65
23200E 17450N	2	50	20	73	.3	21	9	223	3.89	432	5	ND	5	25	.7	6	2	48	.08	.033	13	30	.46	290	.05	2	2.05	.01	.10	1	30
23200E 17500N	3	16	13	50	.3	9	5	110	2.27	211	5	ND	3	20	.9	2	2	45	.10	.025	13	16	.18	244	.04	2	.93	.01	.05	1	20
23200E 17550N	1	18	20	97	1.0	22	11	219	3.36	242	5	ND	4	21	.9	2	2	61	.10	.039	12	31	.49	233	.06	2	2.02	.01	.07	1	25
23200E 17600N	1	12	13	77	.3	16	8	289	2.53	42	5	ND	4	27	1.0	2	2	53	.17	.043	12	26	.42	248	.06	2	1.52	.01	.05	1	15
23200E 17650N	1	14	10	75	.4	15	10	602	2.14	18	5	ND	2	17	1.2	2	2	59	.15	.063	12	23	.37	225	.06	2	1.23	.01	.05	1	20
23200E 17700N	2	16	12	63	.8	16	10	668	2.28	30	5	ND	2	18	.9	2	2	68	.16	.041	12	26	.35	207	.06	2	1.38	.01	.04	1	20
23200E 17750N	2	40	26	133	.2	40	11	350	3.60	194	5	ND	3	29	1.2	10	2	132	.25	.080	11	38	.57	187	.06	2	1.85	.01	.05	1	30
23200E 17800N	2	51	41	160	.4	31	17	1218	3.79	57	5	ND	5	49	1.8	7	2	64	.24	.060	15	32	.47	257	.09	3	1.96	.01	.07	1	35
23200E 17850N	1	63	10	65	.2	42	11	212	4.09	63	5	ND	4	28	.6	2	2	84	.18	.068	15	65	.62	201	.14	3	2.15	.01	.08	1	15
23200E 17900N	3	84	15	52	.7	39	8	147	5.08	164	5	ND	1	20	.4	2	8	84	.10	.080	13	68	.36	175	.12	2	1.85	.02	.09	1	45
23200E 17950N	3	92	24	99	3.3	44	13	412	4.50	471	5	ND	5	39	1.9	22	26	71	.28	.111	16	60	.82	335	.07	4	2.49	.01	.09	1	35
23200E 18000N	2	43	19	64	.7	21	9	248	3.12	87	5	ND	6	21	.6	10	3	54	.12	.089	18	17	.37	246	.04	2	1.44	.01	.09	1	35
23200E 18050N	1	25	30	138	.3	23	13	537	4.04	30	5	ND	8	103	.7	5	2	79	.41	.056	17	58	.87	368	.11	3	2.39	.01	.18	1	35
STANDARD C	19	64	39	131	7.3	70	34	1054	3.92	41	23	7	39	53	19.0	14	19	57	.48	.088	41	57	.86	172	.09	34	1.90	.06	.15	11	160

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23200E 18100N	1	11	18	74	.5	18	14	1431	2.95	19	5	ND	6	30	.3	2	2	53	.19	.040	14	30	.48	387	.11	4	1.59	.01	.17	1	20
23200E 18150N	1	12	15	95	.1	19	12	365	3.29	20	5	ND	5	35	.4	2	2	63	.18	.063	14	33	.66	324	.11	3	2.18	.01	.10	1	15
23200E 18200N	1	9	39	154	.4	17	15	1121	3.53	24	5	ND	5	62	.8	2	2	67	.26	.092	12	35	.69	749	.14	3	2.20	.01	.12	1	25
23200E 18250N	2	17	27	104	.3	19	10	385	3.79	57	5	ND	5	21	.3	2	2	69	.12	.051	20	43	.71	334	.09	2	2.09	.01	.11	1	30
23200E 18300N	2	18	22	82	.3	16	8	198	3.39	50	5	ND	3	22	.3	2	2	73	.13	.048	19	31	.55	213	.10	4	1.72	.01	.08	1	60
23200E 18350N	3	25	14	90	.7	21	10	226	3.59	90	5	ND	5	44	.3	4	2	62	.21	.042	16	28	.41	723	.05	3	2.08	.01	.11	1	70
23200E 18400N	1	28	14	65	.4	19	23	1185	3.04	27	5	ND	3	16	.2	2	2	51	.10	.036	11	28	.34	415	.08	3	1.87	.02	.07	1	35
23200E 18450N	1	16	14	59	.2	13	7	229	3.08	14	5	ND	1	30	1.0	2	2	61	.16	.031	12	25	.28	221	.06	3	1.35	.01	.05	1	35
23200E 18500N	2	18	13	87	.1	17	14	659	3.78	31	7	ND	1	17	.4	2	2	58	.10	.051	12	26	.34	202	.06	2	1.77	.01	.07	1	55
23300E 17000N	3	17	17	97	.1	15	6	136	2.52	11	5	ND	2	21	.6	2	2	59	.13	.060	17	20	.23	260	.05	4	1.03	.01	.09	1	20
23300E 17050N	3	30	21	121	.3	38	12	217	3.45	15	5	ND	3	43	.4	3	2	59	.23	.046	17	40	.61	294	.07	3	1.57	.02	.14	1	20
23300E 17100N	1	17	20	113	.5	23	16	463	3.22	11	5	ND	4	30	.8	2	2	60	.20	.035	17	38	.45	515	.05	4	1.90	.01	.09	1	20
23300E 17150N	1	20	17	150	.5	25	14	281	3.98	14	5	ND	5	14	.4	2	2	57	.09	.034	14	36	.52	223	.06	3	2.36	.01	.09	1	25
23300E 17200N	2	21	16	66	.1	11	6	107	3.05	23	5	ND	5	45	.2	2	2	46	.06	.040	27	20	.25	221	.03	2	1.45	.01	.11	1	15
23300E 17250N	3	25	17	140	.6	35	10	235	2.45	11	6	ND	3	66	.8	4	2	60	.68	.074	17	43	.63	326	.07	3	1.55	.02	.09	1	45
23300E 17300N	4	54	28	155	.9	36	13	304	2.82	40	5	ND	3	70	1.4	11	2	74	1.00	.068	19	45	.71	441	.07	4	1.90	.02	.09	1	120
23300E 17350N	2	25	16	95	.4	21	7	138	2.18	23	5	ND	2	52	.6	3	2	37	.49	.067	17	31	.54	280	.05	5	1.48	.01	.09	1	85
23300E 17400N	7	40	44	179	.6	34	53	3288	3.91	149	5	ND	4	128	5.5	5	2	64	.37	.101	19	27	.60	869	.13	7	1.69	.02	.22	1	55
23300E 17450N	2	18	7	60	.1	18	10	244	2.90	54	5	ND	2	25	.2	2	2	46	.14	.031	12	25	.33	269	.06	2	1.23	.01	.09	1	15
23300E 17500N	3	22	15	70	.1	21	10	174	3.47	62	5	ND	4	17	.2	4	2	57	.10	.032	12	29	.39	222	.05	4	1.99	.01	.07	1	20
23300E 17550N	4	24	21	67	.4	13	7	141	3.18	76	5	ND	3	25	.4	2	2	56	.15	.036	13	21	.32	387	.05	2	1.37	.01	.09	1	20
23300E 17600N	6	32	28	99	.7	23	11	196	3.71	359	5	ND	4	21	.9	3	2	55	.13	.037	14	25	.41	222	.05	2	1.93	.01	.08	1	30
23300E 17650N	5	26	19	62	.3	16	8	185	2.92	118	5	ND	4	20	.5	2	2	55	.12	.035	14	21	.31	221	.05	2	1.31	.01	.08	1	15
23300E 17700N	5	56	34	148	.3	51	21	715	4.63	227	5	ND	2	41	2.8	3	2	87	.36	.093	11	39	.50	217	.08	4	2.05	.01	.09	1	30
23300E 17750N	3	58	11	70	.3	36	15	190	4.17	30	5	ND	2	28	.3	2	2	77	.18	.058	12	55	.62	263	.14	3	2.45	.02	.10	1	25
23300E 17800N	2	102	12	69	.2	55	18	184	4.19	44	5	ND	5	40	.2	2	2	72	.35	.075	17	54	.66	283	.14	4	2.56	.02	.10	1	25
23300E 17850N	1	92	16	66	.3	44	24	535	4.59	67	5	ND	2	36	.3	2	2	89	.24	.081	11	62	.68	291	.16	3	2.96	.02	.09	1	15
23300E 17900N	2	57	15	63	.5	45	17	267	4.27	85	5	ND	4	30	.2	2	4	82	.21	.098	15	77	.57	172	.11	2	2.55	.01	.07	1	15
23300E 17950N	1	31	18	88	2.0	24	9	295	2.73	88	5	ND	2	18	.6	2	5	51	.21	.045	11	35	.87	222	.10	2	2.22	.01	.07	1	15
RE 23300E 17800N	2	106	13	71	.3	55	19	186	4.31	46	5	ND	5	41	.2	2	2	74	.36	.077	17	56	.69	288	.15	4	2.66	.02	.10	1	25
23300E 18050N	2	37	17	103	.7	18	14	480	3.96	116	5	ND	3	48	1.2	6	3	58	.21	.098	15	22	.49	361	.05	3	1.88	.01	.08	1	20
23300E 18100N	2	18	17	101	.1	20	17	275	3.32	34	5	ND	2	19	.2	2	3	52	.12	.056	15	27	.50	341	.04	2	2.15	.01	.10	1	30
23300E 18150N	5	50	31	72	.4	15	9	204	6.25	173	5	ND	7	26	.2	33	3	50	.08	.068	16	24	.33	455	.05	4	1.57	.01	.18	1	90
23300E 18200N	2	17	26	92	.2	14	10	430	3.80	64	5	ND	1	22	.5	5	2	61	.15	.056	13	27	.32	441	.06	2	1.78	.01	.09	1	30
23300E 18250N	2	11	9	57	.1	13	8	200	3.46	18	5	ND	3	13	.4	2	2	62	.10	.026	13	28	.34	176	.06	3	1.98	.01	.04	1	40
23300E 18300N	6	58	87	137	.6	18	8	190	5.78	114	5	ND	7	68	1.0	14	4	58	.04	.077	21	26	.43	447	.03	2	1.86	.03	.22	1	25
23300E 18350N	2	25	19	76	.1	20	10	204	3.84	38	5	ND	5	16	.3	2	2	56	.09	.025	14	32	.52	197	.07	3	2.18	.01	.08	1	40
STANDARD C	19	59	38	132	7.6	72	32	1045	3.95	42	20	7	39	52	18.5	15	20	55	.48	.090	38	59	.88	175	.09	33	1.86	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23300E 18400N	2	14	15	60	.1	15	8	142	3.99	25	5	ND	4	14	.2	2	2	49	.07	.024	12	24	.43	215	.05	2	1.72	.01	.06	1	25
23300E 18450N	2	36	24	50	1.2	13	5	99	2.32	15	5	ND	1	18	1.0	2	2	38	.10	.089	10	18	.06	286	.02	2	.98	.01	.05	1	85
23300E 18500N	1	38	11	61	.1	19	8	122	2.51	45	5	ND	1	17	.6	2	2	32	.08	.061	12	21	.30	197	.03	2	1.19	.01	.05	1	35
23500E 17000N	1	15	29	229	.8	44	20	319	2.45	10	5	ND	1	67	3.3	2	2	50	.29	.057	8	28	.46	174	.06	2	1.42	.01	.07	1	20
23500E 17050N	2	36	23	101	.4	48	13	158	4.34	8	5	ND	2	75	.5	2	2	86	.36	.115	13	103	.85	350	.13	2	2.67	.02	.15	1	20
23500E 17100N	1	42	30	135	.3	74	26	794	4.59	10	5	ND	1	150	1.2	2	2	91	2.53	.086	14	95	1.07	454	.16	3	3.27	.10	.34	1	40
23500E 17250N	3	48	48	247	1.3	47	10	236	2.80	35	5	ND	5	52	1.7	49	2	88	.71	.056	17	49	.84	431	.08	2	2.13	.03	.08	1	230
23500E 17300N	5	30	27	194	1.2	21	5	309	1.57	11	5	ND	3	44	2.5	4	2	45	.67	.055	12	27	.42	314	.04	2	1.32	.01	.05	1	135
RE 23500E 17550N	3	19	31	110	.4	51	9	209	2.81	165	6	ND	3	21	.7	11	3	74	.31	.077	11	38	.45	259	.03	2	1.48	.01	.05	1	35
23500E 17350N	4	27	22	128	.7	21	6	130	2.17	17	5	ND	1	40	1.2	2	2	49	.45	.044	14	28	.44	270	.04	2	1.39	.01	.06	1	15
23500E 17400N	2	38	23	285	.6	32	7	163	2.35	15	5	ND	4	65	2.2	7	2	94	.74	.059	20	43	.72	379	.06	2	1.63	.01	.09	1	80
23500E 17450N	3	24	16	83	.2	21	9	394	3.54	348	5	ND	2	22	.5	99	2	45	.17	.109	11	24	.38	250	.04	2	1.24	.01	.08	1	70
23500E 17500N	3	18	26	96	.5	33	10	376	2.85	333	5	ND	1	32	.7	107	2	59	.42	.098	10	28	.32	308	.03	2	1.01	.01	.08	1	35
23500E 17550N	2	21	28	107	.3	52	10	207	2.81	166	5	ND	3	21	.8	12	2	74	.31	.077	11	38	.44	260	.03	2	1.48	.01	.05	1	25
23500E 17600N	4	21	46	251	.6	94	11	483	3.15	157	5	ND	2	24	2.4	9	3	81	.61	.158	12	61	.61	201	.03	2	1.55	.01	.05	1	30
23500E 17650N	2	16	22	144	.2	43	9	244	3.13	106	5	ND	3	18	.9	3	2	62	.31	.063	10	35	.51	171	.03	2	1.87	.01	.04	1	15
23500E 17700N	7	44	17	144	.6	66	9	622	3.29	156	5	ND	1	15	1.5	19	2	90	.34	.135	9	47	.15	167	.02	2	1.01	.01	.02	1	35
23500E 17750N	1	10	12	63	.1	11	6	163	2.67	58	5	ND	3	15	.5	4	2	42	.11	.112	12	19	.23	139	.03	2	1.26	.01	.06	1	40
23500E 17800N	2	14	44	63	.3	9	5	107	2.54	57	5	ND	4	23	.2	8	2	41	.13	.043	16	15	.10	351	.04	2	.86	.01	.05	1	40
23500E 17850N	1	14	13	53	.3	12	6	199	2.07	69	5	ND	2	20	.4	8	2	37	.12	.046	15	16	.16	169	.04	2	.92	.01	.05	1	95
23500E 17900N	1	8	11	51	.2	12	7	174	2.59	46	5	ND	3	17	.2	2	2	45	.13	.039	11	19	.28	248	.04	2	1.15	.01	.06	1	20
23500E 17950N	2	17	32	55	.3	14	8	173	3.56	72	5	ND	3	19	.2	6	2	76	.09	.044	15	22	.30	303	.04	2	1.35	.01	.08	1	20
23500E 18000N	2	10	20	52	.5	13	7	165	3.24	32	5	ND	3	13	.2	2	2	85	.09	.036	12	22	.26	194	.05	2	1.50	.01	.05	1	35
23500E 18050N	1	9	18	65	.4	13	9	230	4.03	39	5	ND	2	12	.2	2	2	68	.09	.042	10	27	.29	200	.05	2	1.89	.01	.04	1	40
23500E 18100N	1	13	14	83	.3	13	10	363	3.81	30	5	ND	3	13	.5	2	2	82	.08	.040	12	27	.32	242	.05	2	1.79	.01	.05	1	30
23500E 18150N	1	11	15	50	.1	13	6	126	2.69	21	5	ND	1	14	.2	2	1	48	.12	.042	13	25	.37	146	.04	2	1.62	.01	.04	1	40
23500E 18200N	1	13	17	44	.1	8	6	153	3.98	36	5	ND	3	12	.2	2	2	63	.05	.027	12	22	.26	91	.05	2	1.46	.01	.04	1	110
23500E 18250N	2	40	29	56	.2	14	7	183	4.11	153	5	ND	5	26	.3	14	2	59	.07	.046	16	23	.28	202	.05	3	1.53	.01	.09	1	105
23500E 18300N	2	54	117	125	1.2	20	9	343	3.79	55	5	ND	3	45	1.1	13	2	63	.11	.086	26	47	.63	423	.07	2	1.58	.01	.19	1	95
23500E 18350N	3	61	21	86	.6	15	8	144	3.88	66	5	ND	2	32	.6	7	2	46	.14	.086	24	21	.37	267	.04	6	1.15	.01	.15	1	85
23500E 18400N	1	14	18	39	.6	7	4	104	2.01	87	5	ND	1	16	.4	6	2	45	.06	.039	15	15	.13	162	.04	2	.79	.01	.06	1	10
23500E 18450N	2	18	16	63	.3	16	9	206	3.71	43	5	ND	3	15	.4	2	2	61	.07	.037	13	28	.38	259	.05	2	1.99	.01	.06	1	30
23500E 18500N	1	64	13	46	1.2	14	5	49	1.47	17	5	ND	1	19	1.7	2	2	20	.08	.103	10	12	.08	269	.01	4	.97	.01	.06	1	125
23600E 17000N	1	13	14	113	.5	19	9	352	2.17	7	5	ND	3	29	1.5	2	2	41	.35	.050	11	27	.40	288	.05	2	1.49	.01	.05	1	20
23600E 17050N	1	18	38	253	.4	28	22	874	3.23	19	5	ND	3	29	2.1	2	7	51	.29	.048	10	29	.45	216	.05	2	2.04	.01	.04	1	15
23600E 17100N	1	18	43	355	.3	28	12	520	3.06	14	5	ND	3	30	1.9	2	2	55	.43	.032	9	32	.54	165	.07	3	2.10	.01	.04	1	15
23600E 17150N	2	16	34	250	.3	23	11	195	3.09	25	5	ND	3	31	2.4	2	2	66	.33	.032	11	33	.54	148	.09	4	1.92	.01	.07	1	15
STANDARD C	18	57	42	132	7.4	72	31	1038	3.93	41	19	7	39	52	18.6	14	21	55	.48	.089	38	58	.88	175	.09	34	1.85	.06	.15	12	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23600E 17200N	3	13	19	142	.4	18	7	193	2.25	6	5	ND	3	20	3.2	2	2	51	.21	.035	10	26	.40	133	.08	2	1.49	.01	.06	1	45
23600E 17250N	5	82	44	362	1.6	32	5	127	1.71	12	5	ND	1	43	9.8	2	2	43	.74	.036	15	26	.31	227	.06	3	1.43	.01	.05	1	135
23600E 17300N	8	151	49	2008	2.2	155	9	363	2.11	52	8	ND	3	111	19.7	29	2	741	2.49	.103	26	71	.97	376	.06	5	1.61	.02	.12	1	1250
23600E 17350N	1	129	9	571	.8	73	2	225	.53	6	5	ND	1	181	19.4	16	2	166	5.50	.082	9	16	.17	211	.01	9	.38	.01	.02	1	510
23600E 17400N	3	17	22	88	.3	15	4	106	1.98	11	5	ND	1	18	1.2	2	2	70	.23	.045	11	22	.21	114	.07	3	1.01	.01	.05	1	50
23600E 17450N	1	84	25	240	1.3	64	23	622	2.12	106	5	ND	1	53	3.1	29	2	77	.54	.130	19	46	.56	326	.03	5	1.62	.01	.07	1	590
23600E 17500N	1	14	12	94	.2	18	9	219	2.95	34	5	ND	3	19	1.0	4	3	45	.08	.040	13	23	.32	173	.04	2	1.49	.01	.06	1	330
23600E 17550N	1	17	15	63	.5	14	7	196	2.58	141	5	ND	3	32	.3	2	4	36	.12	.041	17	20	.34	249	.03	2	1.24	.01	.10	1	155
23600E 17600N	1	15	17	74	.5	12	6	200	2.16	93	5	ND	2	27	.8	4	2	35	.15	.053	15	15	.13	357	.03	4	.82	.01	.07	1	95
23600E 17650N	1	13	17	60	.1	12	4	91	2.04	101	5	ND	4	19	.3	3	2	35	.10	.030	16	13	.12	146	.05	2	.60	.01	.06	1	65
23600E 17700N	2	26	13	95	.7	27	10	173	3.41	172	5	ND	4	20	.5	8	2	48	.10	.047	13	26	.39	175	.04	4	1.62	.01	.08	1	165
23600E 17750N	1	18	12	82	1.2	19	9	148	3.44	191	5	ND	5	14	.5	3	2	52	.09	.045	13	30	.36	148	.04	2	2.22	.01	.05	1	385
23600E 17800N	1	17	15	137	.5	26	14	246	3.31	77	5	ND	5	17	.4	3	2	57	.12	.048	13	32	.44	247	.06	4	2.38	.01	.07	1	110
23600E 17850N	2	26	64	185	.7	24	13	861	3.82	186	5	ND	1	18	.4	6	2	65	.11	.069	13	27	.34	271	.05	2	1.94	.01	.06	1	120
23600E 17900N	1	18	29	68	1.3	20	10	218	3.48	101	5	ND	6	13	.4	9	2	59	.08	.060	14	33	.39	162	.05	2	2.67	.01	.06	1	440
23600E 17950N	4	15	34	41	.9	11	4	58	2.94	500	5	ND	3	57	.2	9	21	37	.03	.065	27	14	.13	282	.01	4	.96	.01	.14	1	800
24100E 20000N	1	47	12	114	.4	37	15	450	3.43	12	5	ND	3	43	.2	2	2	64	.67	.062	21	50	.78	699	.03	4	1.87	.01	.09	1	350
24100E 20150N	2	63	7	122	.7	49	19	864	3.94	80	5	ND	3	63	.6	2	2	59	.82	.089	15	41	.47	927	.01	4	1.52	.01	.10	1	680
24100E 20200N	2	40	8	73	.4	28	11	371	2.42	39	5	ND	2	60	.2	2	2	31	.75	.069	12	20	.27	685	.01	4	.88	.01	.07	1	1150
24100E 20250N	2	46	2	105	.5	49	22	516	3.96	290	5	ND	2	50	.3	2	2	72	.42	.098	16	41	.47	1156	.01	6	1.62	.01	.09	1	2700
24100E 20300N	1	36	2	53	.2	29	11	460	2.52	51	5	ND	1	128	.3	2	2	41	4.08	.072	18	28	.39	616	.02	7	1.38	.01	.03	1	320
24100E 20350N	1	18	5	72	.6	16	13	838	2.67	11	5	ND	2	16	.2	2	2	47	.21	.024	9	25	.21	199	.04	2	1.57	.01	.04	1	95
24100E 20400N	1	26	8	75	.2	30	14	299	3.34	18	5	ND	4	29	.2	2	2	56	.39	.039	16	39	.58	508	.06	4	1.87	.01	.05	1	75
24100E 20450N	1	47	2	71	.2	46	20	564	3.76	17	5	ND	2	36	.5	2	2	83	.74	.048	16	100	1.24	1225	.09	5	2.24	.01	.06	2	255
24100E 20500N	1	45	6	89	.3	51	25	724	4.12	148	5	ND	2	47	.2	2	2	93	.76	.065	15	131	1.33	2493	.17	3	2.20	.01	.06	1	545
24100E 20550N	1	41	5	103	.3	57	23	566	4.39	240	5	ND	3	44	.2	2	2	71	.46	.060	13	73	.94	1161	.14	4	1.51	.01	.09	1	505
24100E 20600N	1	44	5	86	.5	44	21	560	3.89	40	5	ND	4	35	.7	2	2	79	.74	.064	21	76	1.25	1260	.14	3	2.32	.02	.06	1	405
24100E 20650N	1	33	6	76	.2	56	16	335	3.14	13	5	ND	2	57	.3	2	2	60	.80	.066	13	80	1.09	754	.06	3	1.60	.01	.06	1	450
24100E 20700N	1	70	6	98	1.0	32	12	817	2.95	6	5	ND	2	56	.5	2	2	59	1.24	.058	19	36	.44	942	.02	4	1.93	.01	.09	1	605
24100E 20750N	1	39	10	98	.3	33	14	419	3.26	6	5	ND	3	37	.4	2	2	60	.59	.052	20	45	.74	615	.04	5	1.79	.01	.09	1	270
RE 24100E 20600N	1	47	5	88	.4	47	22	557	4.01	48	5	ND	2	36	.4	4	3	84	.78	.065	21	80	1.32	1336	.15	6	2.41	.02	.06	2	395
24100E 20800N	1	34	3	78	.3	25	10	239	2.92	9	5	ND	3	28	.2	2	2	54	.43	.028	17	32	.47	425	.05	2	1.52	.01	.06	1	175
24100E 20850N	1	36	8	95	.5	34	13	308	3.34	8	5	ND	4	35	.2	2	2	59	.54	.047	19	42	.72	548	.05	4	1.72	.01	.09	1	180
24100E 20900N	1	51	5	88	.3	28	12	317	3.43	7	5	ND	3	33	.5	2	2	61	.49	.038	17	36	.50	503	.05	4	1.54	.01	.07	1	270
24100E 20950N	1	42	6	90	.5	27	11	305	3.16	10	5	ND	3	35	.2	2	2	59	.57	.036	17	34	.48	511	.04	3	1.64	.01	.07	1	260
24100E 21000N	1	43	6	95	.4	28	11	302	3.15	9	5	ND	3	34	.4	2	2	59	.55	.035	18	35	.48	500	.04	5	1.64	.01	.07	1	225
STANDARD C	18	57	38	130	7.2	70	34	1036	3.91	43	18	7	39	52	18.6	15	18	55	.48	.088	39	57	.85	175	.09	31	1.86	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24200E 20550N	1	35	4	61	.2	16	7	469	1.27	2	5	ND	1	109	.4	2	2	26	3.23	.069	8	14	.25	814	.02	6	.70	.01	.03	1	260
24200E 20600N	1	20	2	45	.1	6	2	393	.29	2	5	ND	1	154	.6	2	2	5	4.83	.054	2	4	.15	1002	.01	12	.23	.01	.01	1	200
24200E 20650N	1	22	10	69	.4	22	9	276	3.15	9	5	ND	2	28	.7	2	2	57	.33	.037	10	27	.41	502	.04	2	1.73	.01	.07	1	40
24200E 20700N	1	27	12	73	.1	25	9	246	3.37	10	5	ND	3	17	.4	2	2	56	.14	.025	11	31	.44	255	.06	2	2.25	.01	.06	1	20
24200E 20750N	1	44	16	162	.4	51	16	757	2.59	5	5	ND	1	75	1.4	2	2	52	1.43	.081	11	54	.95	1089	.04	6	1.44	.01	.06	1	310
24200E 20800N	1	22	9	58	.2	17	6	191	2.88	9	5	ND	2	21	.2	2	2	53	.17	.056	10	23	.31	333	.04	2	1.59	.01	.05	1	30
24200E 20850N	1	33	12	81	.6	31	10	209	3.32	14	5	ND	3	14	.3	2	2	54	.09	.040	10	31	.42	253	.05	2	2.26	.01	.06	1	60
24200E 20900N	1	51	9	72	.2	20	8	145	3.72	3	5	ND	2	22	.2	2	2	37	.13	.061	8	21	.59	270	.02	6	1.92	.01	.19	1	10
24200E 20950N	1	55	10	107	1.0	30	10	207	3.33	8	5	ND	3	18	.3	2	2	59	.13	.093	11	34	.45	261	.04	3	2.13	.01	.10	1	45
24200E 21000N	1	108	14	142	2.2	36	11	182	3.60	11	6	ND	1	30	.2	2	2	67	.20	.179	8	35	.41	336	.03	4	1.98	.01	.12	1	70
24300E 20050N	1	34	6	79	.2	32	15	336	3.99	58	5	ND	2	24	.2	2	2	73	.19	.055	13	32	.59	444	.03	2	1.94	.01	.04	1	75
24300E 20100N	1	68	4	87	.2	72	26	976	5.56	43	5	ND	1	85	.5	2	2	107	1.61	.100	21	79	.82	769	.01	3	1.67	.01	.04	1	375
24300E 20150N	2	57	7	122	.6	35	15	595	2.76	44	5	ND	1	44	.2	2	2	38	.41	.110	10	21	.20	480	.01	6	.82	.01	.08	1	365
24300E 20200N	1	43	5	75	.2	46	17	620	3.06	60	5	ND	1	90	.6	2	2	57	2.12	.089	15	71	.90	1033	.05	8	1.49	.02	.04	1	390
24300E 20250N	1	35	12	104	.5	42	19	724	3.43	67	5	ND	2	53	.7	2	2	57	.64	.090	13	51	.82	897	.04	4	1.55	.02	.07	1	405
24300E 20350N	1	34	7	91	.3	44	15	272	3.40	8	5	ND	1	93	1.1	2	2	67	1.35	.064	12	41	.69	1716	.02	4	1.97	.02	.08	1	105
24300E 20400N	1	35	12	94	.4	36	14	323	3.55	17	5	ND	3	79	1.2	2	2	62	.66	.063	19	29	.43	1072	.01	4	1.70	.02	.10	1	210
24300E 20450N	1	42	6	85	.4	33	11	323	3.06	6	5	ND	1	55	.5	2	2	72	.78	.050	18	35	.58	1175	.03	4	1.96	.02	.07	1	445
24300E 20500N	2	39	12	87	.7	31	17	552	3.24	8	5	ND	2	37	2.2	2	2	60	.44	.048	14	27	.36	938	.03	3	1.56	.01	.09	1	105
24300E 20550N	1	31	13	64	.3	20	9	282	2.57	6	5	ND	3	21	.3	2	2	49	.25	.032	11	25	.41	443	.03	3	1.43	.01	.07	1	25
24300E 20600N	1	29	10	71	.3	20	8	239	3.11	7	5	ND	2	16	.3	2	2	52	.16	.050	11	22	.26	289	.04	2	1.40	.01	.06	1	25
24300E 20650N	1	27	13	69	.3	25	10	372	2.82	8	5	ND	2	36	.6	2	2	48	.87	.029	18	30	.39	402	.03	4	1.50	.01	.08	1	105
RE 24300E 20500N	1	38	9	86	.4	29	16	533	3.22	7	5	ND	1	37	1.2	2	2	59	.45	.046	13	26	.35	954	.03	4	1.57	.01	.09	1	95
24300E 20700N	1	46	10	68	.3	39	17	894	3.57	3	5	ND	1	49	.5	2	2	78	.70	.034	14	48	.84	3317	.12	5	2.28	.02	.09	1	70
24300E 20750N	1	24	5	61	.1	25	15	906	3.14	2	5	ND	1	45	.2	2	2	67	.71	.028	8	37	.63	3428	.03	6	2.23	.02	.07	1	60
24300E 20800N	1	35	11	73	1.4	22	10	222	1.81	5	5	ND	1	80	.6	2	2	35	2.08	.063	68	21	.21	794	.03	5	1.34	.01	.05	1	300
24300E 20850N	1	26	7	66	.9	15	7	943	1.95	9	5	ND	1	24	.9	2	2	42	.21	.060	11	16	.19	494	.03	4	.97	.01	.07	1	55
24300E 20900N	1	39	12	79	.7	30	9	384	3.69	13	5	ND	4	13	.2	2	2	58	.08	.039	11	31	.41	282	.06	2	2.32	.01	.06	1	45
24300E 20950N	1	39	15	93	.3	36	11	293	3.51	14	5	ND	5	17	.4	2	2	55	.11	.023	12	34	.54	268	.07	2	2.48	.01	.08	1	25
24300E 21000N	1	43	15	95	.5	42	11	309	3.75	16	5	ND	6	22	.3	2	2	60	.14	.021	10	37	.58	364	.07	2	2.62	.01	.08	1	30
R162451	1	21	12	7	.2	4	1	48	.71	57	5	ND	5	16	.2	2	2	7	.03	.014	16	91	.15	449	.01	4	.58	.02	.21	1	5
22400E 17350N (TALUS)	2	71	28	139	1.4	48	7	110	1.49	15	7	ND	6	87	1.0	4	2	70	2.11	.342	19	78	.95	321	.13	8	2.21	.18	.31	1	85
22400E 17450N (TALUS)	1	24	15	286	.4	20	4	181	1.09	2	6	ND	6	85	.9	7	2	16	1.20	.044	10	41	1.72	311	.21	2	2.02	.03	.12	1	15
22400E 17500N (TALUS)	1	17	11	169	.5	35	6	224	1.67	4	7	ND	5	79	1.3	3	2	34	1.77	.037	8	50	2.11	540	.14	3	2.68	.06	.07	1	20
STANDARD C	19	59	39	132	7.2	74	33	1037	3.95	42	25	8	39	52	18.5	16	21	57	.48	.090	38	56	.87	176	.08	33	1.93	.06	.13	12	1600

Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

PROPERTY/ LOCATION: **BREWERY**

CODE: **9109–003**

Project No.: 327 Sheet: 1 of 11 Date received: AUG. 27
Material: 571 SOILS & 1 ROCK Geol.: G.M^C. Date completed: SEP. 12
Remarks:

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

T.T. No.	SAMPLE No.	PPB Au
2	15100E–21050N	5
3	21100	5
4	21150	15
5	21200	15
6	21250	10
7	21300	10
8	21350	5
9	21400	10
10	21450	10
11	21500	15
12	21550	5
13	21600	5
14	21700	10
15	21750	125
16	21800	130
17	21850	5
18	21900	5
19	21950	5
20	15100E–22000N	5
21	15300E–21050N	5
22	21100	5
23	21150	5
24	21200 *¤	5
25	21250	5
26	21300	10
27	21350	5
28	21400	5
29	21450	10
30	21500	5
31	21550	5
32	21600	5
33	21650	50
34	21700	5
35	21750	35
36	21800	5
37	21850	5
38	21900	5
39	21950	10
40	15300E–22000N	20
41	16100E–21000N	15
42	21050	5
43	21100	5
44	21150	5
45	21200	5
46	21250	5
47	21300	5
48	21350	5
49	16100E–21400N	5

18 Rep Mark Hr Faxed to

T.T.	SAMPLE No.	PPB Au
0	16100E–21450N *	5
52	21500 *	5
53	21550	5
54	21600	30
55	21650	10
56	21700	100
57	21750	10
58	21800	125
59	21850	160
60	21900	70
61	21950	15
62	16100E–22000N	45
63	16300E–21000N	5
64	21050	5
65	21100	5
66	21150	5
67	21200	5
68	21250	5
69	21300	5
70	21350	5
71	21400 *	5
72	21450	5
73	21500	5
74	21550	5
75	21600	5
76	21650	170
7	21700	30
78	21750	50
79	21800	170
80	21850	10
81	21900	95
82	16300E–22000N *¤	20
83	17000E–19000N	10
84	19050	5
85	19100	5
86	19150	15
87	19250	5
88	19300	5
89	19350	5
90	19400	5
91	19450	5
92	19500	5
93	19600	5
94	19650	15
95	19700	5
96	19750	5
97	19800	5
98	19850	5
99	19900	5
100	19950	5
52	17000E–20000N	5
53	17200E–19000N	5
54	19050	5
5	19100	5
56	19150	5
57	19200	5
58	19250	5
59	17200E–19300N	5

T.T.	SAMPLE No.	PPB Au
0	17200E–19350N	20
61	19400	10
62	19450	10
63	19500	30
64	19550	30
65	19600	10
66	19650	5
67	19700	5
68	19750	5
69	19800	5
70	19850	70
71	19900	5
72	19950	10
73	17200E–20000N	5
74	17400E–19050N	10
75	19100	5
76	19150	5
77	19200	5
78	19250	5
79	19300	5
80	19350	5
81	19400	5
82	19450	5
83	19500	15
84	19550	5
85	19600	5
86	19650 *	5
87	19700	5
88	19750	5
89	19800	5
90	19850	5
91	19900	20
92	19950	5
93	17400E–20000N	5
94	17600E–19000N	5
95	19050	5
96	19100	5
97	19150	15
98	19200	10
99	19250	5
100	19300	5
2	19350	5
3	19450	5
4	19500	5
5	19550	5
6	19600 *	5
7	19650	5
8	19700	5
9	19750	5
10	19800	5
11	19850	5
12	19900	5
13	19950	5
14	17600E–20000N	5
15	18000E–15000N	5
16	15050	5
17	15100	5
18	18000E–15150N	5

T.T. No.	SAMPLE No.	PPB Au
[illegible]	18000E–15200N	5
[illegible]	15250	5
21	15350	5
22	15400	5
23	15450	5
24	15500	5
25	15550	20
26	15650	5
27	15700	5
28	15750	5
29	15800	5
30	15850	5
31	15900	5
32	15950	5
33	16000	5
34	16050	5
35	16100	5
36	16150	5
37	16200	5
38	16250	5
39	16300	5
40	16350	5
41	16400	5
42	16450	5
43	18000E–16500N *	30
44	18300E–16000N	5
45	16050	5
[illegible]	16100	5
47	16150	5
48	16200	5
49	16250	5
50	16300	5
2	16350	5
3	16400	5
4	16450	10
5	16500	5
6	16550	10
7	16600	5
8	16650	5
9	16700	5
10	16750	5
11	16800	5
12	16850	5
13	16900	5
14	16950	5
15	18300E–17000N	5
16	18500E–16000N	15
17	16050	10
18	16100	5
19	16150	50
20	16200	10
21	16250	85
22	16300	5
[illegible]	16350	5
[illegible]	16400	5
25	16450	5
26	16500	10
27	18500E–16550N	5

T.T. No.	SAMPLE No.	PPB Au	
3	18500E–16600N	5	
29	16650	5	
30	16700	20	
31	16750	5	
32	16800	10	
33	16850	5	
34	16900	5	
35	18500E–16950N	5	
36	18700E–15500N	10	
37	15550	15	
38	15600	25	
39	15650	10	
40	15700	10	
41	15750	5	
42	15800	10	
43	15850	5	
44	15900	5	
45	15950	5	
46	16000	10	
47	16050	15	
48	16100	460	
49	16150	5	
50	16200	25	
52	16250	10	
53	16300	5	
54	16350	10	
55	16400	5	
56	16450	5	
57	16500	5	
58	16550	5	
59	16600	5	
60	16650	5	
61	16700	5	
62	16750	5	
63	16800	5	
64	16850	15	
65	16900	5	
66	16950	5	
67	18700E–17000N	1310	
68	18900E–15500N	5	
69	15550	5	
70	15600	80	
71	15650	5	
72	15700	5	
73	15750	5	
74	15800	5	
75	15850	5	
76	15900	5	
77	15950	5	
78	16000	55	
79	16000	5	Duplicate
80	16050	80	
81	16100	20	
82	16150	130	
83	16200	5	
84	16250	5	
85	16300	5	
86	18900E–16350N	5	

T.T. No.	SAMPLE No.	PPB Au	9109-003 Pg. 6 of 11
	18900E-16400N	5	
88	16450	5	
89	16500	5	
90	16550	5	
91	16600	5	
92	16650	5	
93	16700	5	
94	16750	5	
95	16800	5	
96	16850	40	
97	16900	165	
98	16950	70	
99	18900E-17000N	90	
100	22400E-17000N	5	
2	17050	5	
3	17100	5	
4	17150	5	
5	17250 *	5	
6	17300 *	5	
7	17550 ¤	10	
8	17600 ¤	10	
9	17750	5	
10	17800	5	
11	17850	5	
12	17900 *	5	
13	17950	5	
14	18000 *	5	
15	18050 ¤	5	
16	18100	10	
17	18150	5	
18	18200	5	
19	18250	5	
20	18300	10	
21	18350	40	
22	18400	45	
23	18450	5	
24	18500	5	
25	18550	5	
26	18600	5	
27	18650	5	
28	18700	5	
29	18750	5	
30	18800	20	
31	18850	5	
32	18900	5	
33	18950	5	
34	22400E-19000N	5	
35	22800E-17000N	5	
36	17050	5	
37	17150	5	
38	17200 *	5	
39	17250	5	
40	17300	5	
41	17450	5	
42	17500	5	
43	17550	5	
44	17600	5	
45	22800E-17650N	5	

T.T.	SAMPLE No.	PPB Au
5	22800E–17700N	5
47	17750	5
48	17800	15
49	17850	20
50	22800E–18000N	5
52	18050	10
53	18100	5
54	18150	40
55	18200	5
56	18250	5
57	18300	5
58	18350	5
59	18400	5
60	18450	5
61	22800E–18500N	5
62	22900E–17000N	5
63	17050	5
64	17100	5
65	17150	5
66	17200	5
67	17250	5
68	17300	5
69	17350	5
70	17400	5
71	17500	5
72	17600	5
73	17650	10
4	17700	20
75	17800	10
76	17850	5
77	17900	5
78	17950	5
79	18050	5
80	18100	5
81	18150	5
82	18200	5
83	18250	5
84	18300	5
85	18400	5
86	18450	5
87	22900E–18500N	5
88	23100E–17000N	15
89	17050	5
90	17100	5
91	17150	5
92	17200	5
93	17250	70
94	17300	15
95	17350 *	5
96	17400	5
97	17450	25
98	17500	5
99	17550	5
0	17600	15
2	17650	80
53	17700	10
54	17750	5
55	23100E–17800N	5

T.T. No.	SAMPLE No.	PPB Au
5	23100E–17850N *	5
57	17900	5
58	17950	5
59	18000	5
60	18050	5
61	18100	5
62	18150	5
63	18200	5
64	18250	5
65	18300	5
66	18350	5
67	18400	5
68	18450	10
69	23100E–18500N	5
70	23200E–17000N *	5
71	17050 *¤	5
72	17100	5
73	17150 *	5
74	17200	5
75	17250	5
76	17300	5
77	17350	5
78	17400	5
79	17450	5
80	17500	5
81	17550	5
2	17600	5
3	17650	5
84	17700	5
85	17750	65
86	17800	5
87	17850	5
88	17900	300
89	17950	190
90	18000	5
91	18050	5
92	18100	5
93	18150	5
94	18200	5
95	18250	5
96	18300	5
97	18350	5
98	18400	5
99	18450	5
100	23200E–18500N	5
52	23300E–17000N	5
53	17050	5
54	17100	5
55	17150	5
56	17200	5
57	17250	5
58	17300	5
59	17350	5
0	17400 *	10
1	17450	5
62	17500	5
63	17550	5
64	23300E–17600N	5

T.T.	SAMPLE No.	PPB Au
5	23300E–17650N	5
66	17700	5
67	17750	5
68	17800	45
69	17850	5
70	17900	15
71	17950	25
72	18050	5
73	18100	5
74	18150	15
75	18200	5
76	18250	5
77	18300	5
78	18350	5
79	18400	35
80	18450 *	5
81	23300E–18500N	5
82	23500E–17000N *	5
83	17050	5
84	17100	5
85	17250	5
86	17300 *¤	5
87	17350	5
88	17400	5
89	17450	190
90	17500	585
91	17550	55
92	17600	5
93	17650	5
94	17700	5
95	17750	5
96	17800	15
97	17850	5
98	17900	5
99	17950	5
100	23500E–18000N	5
2	18050	5
3	18100	5
4	18150	5
5	18200	5
6	18250	115
7	18300 *	5
8	18350 *¤	5
9	18400	5
10	18450	5
11	23500E–18500N *¤	5
12	23600E–17000N	5
13	17050	30
14	17100	5
15	17150	5
16	17200	5
17	17250	5
18	17300	5
19	17350 *¤	5
20	17400	5
21	17450	80
22	17500	5
23	23600E–17550N	20

T.T.	SAMPLE No.	PPB Au
	23600E–17600N	5
25	17650	5
26	17700	20
27	17750	5
28	17800	5
29	17850	5
30	17900	5
31	23600E–17950N	420
32	24100E–20000N	5
33	20150	15
34	20200	5
35	20250	20
36	20300	5
37	20350	5
38	20400	5
39	20450	5
40	20500	15
41	20550	5
42	20600	5
43	20650	5
44	20700	5
45	20750	5
46	20800	5
47	20850	5
48	20900	5
49	20950	5
0	24100E–21000N	5
2	24200E–20550N *¤	5
3	20600 *¤	5
4	20650	5
5	20700	5
6	20750	5
7	20800	5
8	20850	5
9	20900	5
10	20950	5
11	24200E–21000N	5
12	24300E–20050N	5
13	20100	5
14	20150 *¤	5
15	20200	5
16	20250	5
17	20350	5
18	20400	5
19	20450	5
20	20500	5
21	20550	5
22	20600	5
23	20650	5
24	20700	5
25	20750	5
26	20800	5
27	20850	5
8	20900	15
9	20950	5
30	24300E–21000N	5
31	R162451 RX	5
33	22400E–17350N TALUS–RX	5

T.T. No.	SAMPLE No.	PPB Au
1	22400E–17450N TALUS–RX	5
36	22400E–17500N TALUS–RX	5

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

GEOCHEMICAL ANALYSIS CERTIFICATE Barwsky (GM)

Noranda Exploration Co. Ltd. PROJECT 9108-009 327 File # 91-3416 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
19000E 15700N	1	11	15	58	.1	9	4	146	1.82	13	5	ND	2	19	.2	2	5	43	.22	.060	13	21	.24	210	.07	2	.95	.01	.04	1	10
19000E 15800N	1	27	25	103	.2	16	9	441	3.26	80	5	ND	60	42	.4	2	5	53	.41	.141	40	32	.51	383	.09	2	1.73	.01	.16	1	5
19000E 15850N	1	31	26	113	.4	21	12	539	4.02	37	5	ND	30	58	.6	2	2	74	.52	.133	28	60	.84	454	.19	2	1.93	.01	.36	1	20
19000E 15900N	1	50	27	113	.3	22	17	1114	4.24	49	5	ND	51	60	.4	3	2	85	.56	.151	47	79	1.00	483	.25	3	1.86	.02	.42	1	5
19000E 15950N	1	62	35	113	.2	19	16	627	4.17	57	5	ND	56	136	.7	2	2	79	.73	.175	52	78	1.18	407	.22	2	2.01	.01	.53	1	10
19000E 16000N	1	211	36	193	.3	24	16	852	5.73	264	7	ND	89	51	.8	8	11	118	.59	.158	77	76	1.13	351	.28	5	2.03	.02	.79	1	10
19000E 16050N	1	30	22	126	.1	22	13	691	4.32	26	5	ND	58	34	.3	2	2	87	.40	.099	56	59	.71	327	.20	3	1.81	.01	.47	1	10
19000E 16100N	1	46	23	132	.2	26	13	510	4.72	67	5	ND	69	45	.3	2	2	78	.29	.069	36	45	.73	251	.15	2	2.43	.01	.32	1	20
19000E 16150N	1	29	21	150	.2	16	9	376	3.67	43	7	ND	55	30	.7	2	2	63	.16	.117	16	30	.40	265	.09	2	1.77	.01	.09	1	20
19000E 16200N	1	14	18	87	.4	16	9	352	3.37	22	5	ND	17	21	.6	2	2	60	.21	.091	14	28	.44	212	.07	2	1.72	.01	.09	1	35
19000E 16250N	9	30	28	80	.1	25	11	658	3.37	18	8	ND	12	14	.2	2	36	54	.11	.055	14	30	.45	239	.06	2	2.09	.02	.06	1	15
19000E 16300N	1	24	22	74	.4	9	12	1024	2.53	30	5	ND	3	24	.2	2	8	55	.20	.093	16	17	.20	169	.05	2	1.00	.01	.05	1	15
19000E 16350N	2	15	15	139	1.6	17	9	334	2.84	13	5	ND	3	17	1.2	2	2	120	.14	.127	12	34	.34	793	.05	2	1.77	.01	.06	1	40
19000E 16400N	1	17	19	71	.2	16	8	278	3.96	33	5	ND	7	20	.2	2	2	69	.13	.074	14	29	.42	194	.07	2	2.14	.01	.05	1	25
19000E 16500N	1	29	20	61	.2	15	7	401	4.93	57	5	ND	2	25	.2	2	2	81	.14	.085	13	35	.44	130	.08	2	1.81	.01	.05	1	15
19000E 16550N	1	15	16	53	.2	10	4	289	2.25	86	5	ND	2	29	.2	2	2	46	.12	.037	15	20	.23	152	.04	3	1.11	.01	.04	1	35
19000E 16600N	1	29	25	100	.3	13	10	719	5.17	465	7	ND	30	11	.2	2	3	101	.14	.136	31	61	.60	78	.18	3	1.28	.02	.29	1	10
19000E 16700N	1	25	26	116	.2	10	5	232	4.30	686	5	ND	52	14	.2	2	2	64	.12	.071	35	27	.29	125	.04	2	1.80	.01	.06	1	20
19000E 16750N	1	13	16	91	.1	17	9	260	3.99	46	5	ND	6	14	.2	2	2	69	.11	.049	15	40	.47	186	.08	2	2.70	.01	.04	1	45
19000E 16800N	1	11	15	98	.6	17	12	1101	3.61	23	10	ND	7	14	.2	2	2	67	.13	.078	16	33	.47	194	.07	2	2.44	.01	.07	1	60
19000E 16850N	1	35	22	88	.3	17	10	555	4.46	819	5	ND	8	15	.4	2	2	65	.12	.059	19	32	.44	117	.05	2	1.99	.01	.06	1	30
19000E 16900N	1	95	26	170	.4	16	14	629	5.07	1248	5	ND	25	58	2.0	2	2	102	.88	.211	98	65	1.20	214	.14	2	1.43	.01	.29	1	45
19000E 16950N	3	23	21	292	.7	31	5	174	2.48	204	5	ND	3	26	2.1	17	2	204	.34	.076	19	34	.36	241	.06	2	1.20	.01	.06	1	40
19000E 17000N	3	57	64	630	3.2	79	6	220	2.25	51	7	ND	1	36	6.6	31	3	387	.38	.107	16	58	.34	526	.03	2	1.19	.01	.08	1	115
19000E 17050N	2	17	27	191	.7	19	11	283	3.74	91	5	ND	2	17	2.7	26	2	87	.11	.054	15	26	.28	263	.07	2	1.45	.01	.06	1	35
19000E 17100N	4	24	11	117	.1	45	9	190	2.82	15	5	ND	5	16	.7	2	2	53	.13	.037	13	27	.42	263	.05	3	1.66	.01	.05	1	20
19000E 17250N	2	17	9	49	.1	8	2	57	1.07	11	5	ND	1	17	.7	2	3	88	.10	.053	11	14	.10	701	.01	2	.66	.01	.03	2	25
19000E 17300N	2	27	11	171	.3	34	6	158	2.51	18	5	ND	1	27	.8	2	2	192	.19	.061	14	40	.43	1104	.04	2	1.64	.01	.07	1	35
RE 19000E 17000N	3	58	64	621	3.3	77	6	226	2.31	47	5	ND	1	37	6.7	26	5	388	.37	.110	17	58	.35	582	.03	2	1.23	.01	.07	1	125
19000E 17400N	1	28	16	135	.8	29	6	107	2.12	11	5	ND	1	25	.8	2	2	130	.19	.055	14	34	.44	514	.03	2	1.46	.01	.07	1	80
19000E 17500N	7	51	28	468	2.3	52	5	191	2.90	33	5	ND	1	36	4.7	20	2	863	.24	.169	19	72	.31	2369	.04	3	1.94	.01	.09	1	15
19000E 17550N	1	11	13	96	.1	17	6	283	3.58	16	5	ND	2	14	.6	3	2	88	.10	.034	16	31	.33	222	.05	2	1.64	.01	.05	1	15
19000E 17600N	3	16	14	100	.1	16	5	132	3.37	20	5	ND	4	14	.3	2	2	48	.07	.035	22	22	.27	127	.03	4	1.40	.01	.09	1	25
19000E 17650N	1	26	14	118	.3	28	5	92	1.77	4	5	ND	2	32	1.9	2	2	52	.24	.071	16	27	.46	275	.06	4	1.14	.01	.07	1	55
19000E 17700N	1	24	12	100	.2	22	6	143	2.32	15	5	ND	4	20	.9	2	2	74	.20	.069	14	29	.43	285	.06	3	1.35	.01	.04	1	110
19000E 17750N	1	49	40	111	.3	22	30	1254	4.21	399	5	ND	31	75	.6	2	2	81	.67	.111	101	60	.83	151	.13	3	1.64	.02	.19	1	45
19000E 17800N	1	22	13	81	.3	26	11	293	2.39	13	7	ND	5	43	.4	2	2	41	.42	.036	22	27	.50	367	.04	2	1.57	.01	.10	1	40
19000E 17850N	1	30	13	77	.5	25	9	184	2.54	4	5	ND	5	25	.4	2	2	46	.17	.032	23	27	.43	454	.03	2	1.86	.01	.10	1	45
STANDARD C	18	59	37	134	7.5	69	34	1064	3.89	40	22	6	41	52	18.6	15	18	56	.47	.087	40	57	.88	171	.09	32	1.89	.06	.15	11	1600

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: PULP HG ANALYSIS BY FLAMELESS AA. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 16/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
19000E 17900N	1	9	12	80	.8	17	8	230	2.40	6	5	ND	4	18	.4	2	2	46	.16	.023	18	24	.38	240	.03	2	1.65	.01	.07	1	30
19000E 17950N	1	7	8	74	.3	13	7	203	2.07	6	5	ND	4	12	.3	2	2	40	.09	.019	16	23	.31	233	.03	2	1.49	.01	.06	1	35
19000E 18000N	1	10	12	78	.3	14	11	368	2.37	8	7	ND	5	14	.6	2	2	48	.11	.021	18	21	.32	272	.03	2	1.34	.01	.07	1	10
19000E 18050N	1	16	13	101	.3	27	15	655	2.96	10	5	ND	6	19	.3	2	2	52	.18	.025	17	30	.48	465	.04	2	2.05	.01	.08	1	10
19000E 18100N	1	12	12	66	.1	16	7	230	2.30	8	5	ND	3	14	.3	2	2	46	.11	.027	22	22	.34	362	.03	2	1.67	.01	.05	1	10
19000E 18150N	1	17	14	98	.1	24	13	636	3.10	9	5	ND	1	22	.7	2	2	59	.21	.092	17	30	.52	257	.06	3	1.78	.01	.09	1	70
19000E 18200N	1	19	10	79	.1	22	8	195	2.34	9	5	ND	4	24	.3	2	2	45	.28	.052	16	26	.51	315	.05	2	1.50	.01	.06	1	20
19000E 18250N	1	23	8	79	.1	24	7	196	2.16	8	5	ND	4	24	.5	2	2	41	.27	.055	16	26	.47	225	.05	2	1.25	.01	.06	1	25
19000E 18300N	1	26	10	76	.3	23	8	223	2.03	9	5	ND	3	27	.6	2	3	39	.32	.050	16	25	.45	317	.05	2	1.21	.01	.06	1	40
19000E 18350N	1	26	9	82	.2	23	8	254	2.22	8	5	ND	3	31	.6	2	2	42	.40	.060	15	25	.48	298	.05	2	1.22	.01	.07	1	35
19000E 18400N	1	26	9	85	.2	24	9	270	2.37	9	5	ND	5	29	.5	2	2	44	.36	.059	17	27	.53	310	.06	2	1.35	.01	.06	1	30
19000E 18450N	1	23	6	74	.2	24	8	246	2.18	9	5	ND	4	31	.2	2	2	38	.40	.065	16	25	.47	288	.05	2	1.16	.02	.05	1	30
19000E 18500N	1	27	10	107	.3	27	9	227	2.36	9	5	ND	4	32	.7	2	2	53	.37	.063	17	31	.53	411	.04	4	1.61	.02	.07	1	35
RE 19400E 15250N	1	38	12	68	.1	44	12	174	3.79	48	5	ND	5	27	.4	2	2	82	.10	.031	20	66	.60	500	.08	3	2.96	.01	.06	1	10
19400E 15000N	1	25	12	61	.5	27	18	220	3.82	86	5	ND	3	53	.4	2	2	89	.26	.052	13	47	.76	929	.15	3	1.94	.01	.13	1	10
19400E 15050N	1	91	12	95	.5	33	22	479	6.02	276	5	ND	4	238	.7	2	2	179	.40	.096	15	80	1.52	2356	.22	2	4.01	.02	.41	1	15
19400E 15100N	1	19	10	56	.6	20	10	188	2.83	45	5	ND	5	28	.2	2	2	69	.17	.032	14	33	.51	367	.08	2	1.76	.01	.07	1	10
19400E 15200N	1	34	13	85	.5	34	16	289	4.04	413	5	ND	10	20	.2	4	10	78	.16	.033	15	51	.61	385	.09	3	2.69	.01	.08	1	5
19400E 15250N	1	36	13	68	.2	44	12	173	3.85	55	5	ND	6	27	.4	2	5	82	.11	.031	19	66	.60	495	.08	2	3.02	.01	.06	1	15
19400E 15300N	1	50	19	102	.9	35	8	164	2.78	21	5	ND	2	73	1.2	2	2	60	.54	.097	18	44	.65	348	.06	2	2.64	.01	.09	1	25
19400E 15350N	1	29	11	60	.2	22	7	206	2.12	19	5	ND	18	61	.5	2	2	39	.41	.044	21	27	.70	223	.10	2	1.63	.02	.05	1	5
19400E 15400N	1	32	19	90	.4	24	10	253	3.23	34	8	ND	10	48	.2	2	3	54	.37	.077	28	32	.56	332	.09	2	1.77	.01	.08	1	30
19400E 15450N	1	38	12	101	.3	28	13	324	3.35	44	5	ND	6	45	.6	2	2	70	.42	.069	24	43	.64	336	.11	2	2.05	.02	.09	1	25
19400E 15500N	1	29	20	160	.3	30	9	190	3.05	75	5	ND	8	50	.5	2	2	111	.38	.066	27	53	.65	323	.16	4	2.12	.01	.05	1	10
19400E 15550N	1	42	20	142	.2	33	12	233	3.68	101	5	ND	13	45	.6	3	2	111	.33	.057	25	53	.63	324	.13	2	2.28	.02	.06	1	15
19400E 15600N	1	46	15	121	.5	29	13	384	3.46	106	5	ND	18	65	.2	2	2	87	.64	.096	39	57	.80	450	.18	4	1.86	.02	.11	1	30
19400E 15650N	1	23	12	110	.3	24	8	191	2.97	77	5	ND	8	30	.2	2	8	72	.25	.042	18	34	.47	296	.10	2	1.77	.02	.08	1	10
19400E 15700N	1	23	13	78	.2	22	8	194	2.90	83	5	ND	7	29	.5	2	6	72	.30	.062	20	38	.54	329	.12	2	1.85	.01	.09	1	10
19400E 15750N	1	31	16	98	.2	27	11	319	4.12	239	5	ND	13	28	.2	2	6	83	.27	.041	21	82	.85	203	.20	2	1.94	.01	.23	1	20
19400E 15800N	1	43	17	90	1.0	26	13	501	3.13	198	5	ND	17	54	1.3	2	2	64	.59	.064	37	58	.75	288	.16	3	1.65	.02	.20	1	30
19400E 15850N	1	38	11	82	.2	21	9	251	2.87	187	5	ND	10	39	.2	2	2	63	.40	.052	22	49	.69	215	.15	2	1.44	.01	.13	1	35
19400E 15900N	1	44	15	102	.3	30	14	337	3.90	150	5	ND	23	39	.2	2	5	94	.41	.082	41	77	1.04	380	.23	2	1.90	.01	.26	1	10
19400E 15950N	1	33	39	243	.2	24	17	1148	5.79	62	5	ND	67	60	1.7	3	3	118	.81	.207	66	44	.98	484	.33	6	2.01	.02	.83	1	25
19400E 16000N	1	15	19	158	.1	19	11	1057	2.84	25	5	ND	14	44	2.6	2	8	63	.56	.056	18	33	.51	408	.13	2	1.47	.02	.23	1	10
19400E 16050N	1	21	15	81	.1	27	10	232	3.15	22	5	ND	7	26	.5	2	3	75	.18	.022	13	40	.56	268	.09	2	2.29	.01	.04	1	20
19400E 16100N	1	30	22	215	.8	43	13	498	3.16	33	5	ND	6	40	2.4	3	2	95	.40	.079	17	48	.54	347	.08	2	2.19	.01	.09	1	25
19400E 16150N	2	33	21	185	1.1	34	18	1042	2.82	20	5	ND	6	40	1.9	2	4	87	.31	.061	15	39	.47	319	.07	2	1.93	.02	.09	1	15
STANDARD C	18	58	39	133	7.2	69	33	1057	3.88	39	22	6	39	52	18.5	15	18	55	.49	.089	39	59	.86	171	.09	31	1.90	.06	.15	13	1600

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-009 327 FILE # 91-3416

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
19400E 16200N	1	27	17	108	.3	29	12	288	3.05	21	5	ND	5	37	.8	2	5	78	.29	.057	15	37	.60	284	.08	2	2.34	.01	.11	1	25
19400E 16250N	2	37	20	121	.3	38	10	226	3.31	50	5	ND	7	65	.4	2	2	92	.40	.032	18	45	.81	261	.13	2	2.76	.02	.06	1	25
19400E 16300N	1	17	15	92	.3	28	9	205	3.18	32	6	ND	6	32	.3	2	2	88	.28	.020	15	37	.59	231	.09	2	2.40	.01	.07	1	15
19400E 16350N	3	25	27	130	.3	42	11	298	3.54	93	5	ND	4	80	.9	2	2	105	.43	.032	12	38	.53	312	.11	2	3.22	.02	.11	1	30
19400E 16400N	2	31	21	216	.4	43	13	710	2.72	31	5	ND	2	63	2.4	2	2	96	.44	.052	13	37	.52	401	.09	3	2.22	.02	.14	1	25
19400E 16450N	2	20	24	217	.2	41	14	848	3.08	30	5	ND	3	48	1.7	2	5	115	.32	.029	13	40	.54	272	.11	2	2.56	.02	.07	1	15
19400E 16500N	2	25	15	88	.2	36	13	265	3.60	11	5	ND	5	38	.3	2	2	81	.24	.028	17	48	.70	323	.10	2	2.72	.01	.09	1	10
19400E 16550N	4	78	26	191	1.3	68	17	348	3.65	35	5	ND	4	53	2.6	2	4	134	.31	.036	16	57	.73	476	.13	2	3.49	.02	.06	1	25
19400E 16600N	3	38	16	139	.7	37	11	292	3.26	21	5	ND	5	47	.8	2	3	112	.25	.049	16	47	.64	644	.11	2	2.63	.02	.08	1	20
19400E 16650N	3	37	18	114	.3	42	15	495	4.16	27	5	ND	2	64	.6	5	8	139	.25	.072	17	57	.81	864	.15	2	3.15	.02	.10	2	20
19400E 16700N	1	28	21	95	.7	38	14	293	4.23	21	5	ND	2	42	.8	3	4	115	.16	.058	14	55	.75	648	.15	8	2.82	.02	.09	1	25
19400E 16750N	1	24	19	80	1.6	29	61	1884	3.73	11	8	ND	2	30	.5	2	3	91	.16	.081	13	40	.53	507	.10	2	1.98	.01	.08	1	25
19400E 16800N	1	29	20	94	.9	28	26	582	4.41	15	5	ND	3	34	.2	2	4	117	.13	.053	14	56	.89	548	.18	2	2.59	.01	.10	1	20
19400E 16850N	1	17	16	75	.5	23	10	203	3.41	16	5	ND	3	30	.2	2	2	79	.19	.031	14	38	.59	456	.13	2	2.12	.01	.06	1	15
19400E 16900N	1	21	16	91	.3	35	16	247	4.34	11	7	ND	5	23	.2	2	2	89	.12	.033	16	52	.74	337	.12	2	2.90	.01	.08	1	20
19400E 16950N	1	7	13	59	.3	16	7	177	2.36	7	5	ND	1	26	.2	2	2	60	.17	.030	13	30	.34	326	.05	2	1.40	.01	.07	1	20
19400E 17000N	1	24	15	71	.1	37	14	289	3.74	13	5	ND	4	37	.2	3	5	69	.26	.038	15	47	.58	318	.11	2	2.64	.01	.06	1	2[illegible]
19400E 17050N	1	30	18	95	.4	52	18	386	4.50	13	5	ND	4	66	.9	2	2	77	.48	.075	18	68	.72	391	.15	2	3.13	.02	.11	1	3[illegible]
19400E 17100N	1	20	17	57	.7	16	4	65	1.82	5	5	ND	1	83	.4	3	9	17	.64	.137	9	29	.22	275	.02	2	1.01	.03	.13	1	[illegible]
19400E 17150N	1	27	13	55	.6	19	11	201	1.93	4	5	ND	1	62	1.3	2	5	16	.62	.114	10	14	.16	333	.02	2	.91	.02	.04	1	50
19400E 17200N	1	32	18	64	.6	27	6	125	2.17	6	5	ND	1	32	.8	2	2	51	.26	.039	15	35	.48	315	.08	2	1.58	.01	.05	1	20
19400E 17300N	1	34	23	137	.7	37	12	264	3.45	15	5	ND	1	44	.6	7	2	71	.37	.065	17	44	.77	391	.08	3	2.52	.02	.09	1	155
19400E 17350N	1	20	12	82	.2	26	8	181	2.64	8	5	ND	4	35	.2	2	5	51	.36	.058	19	31	.56	288	.09	2	1.67	.02	.06	1	15
19400E 17400N	1	17	14	90	.2	25	7	140	2.24	9	5	ND	1	32	.2	2	2	48	.36	.050	16	31	.59	247	.07	2	1.75	.02	.05	1	30
19400E 17450N	1	20	16	88	.1	26	9	208	2.54	8	5	ND	1	30	.2	2	3	51	.29	.055	17	32	.60	281	.07	3	1.84	.01	.04	1	25
19400E 17550N	1	41	12	115	.6	31	8	475	1.63	3	5	ND	2	66	.2	2	4	29	2.54	.063	12	22	.75	283	.03	4	1.30	.01	.07	1	45
19400E 17600N	1	28	15	110	.3	33	12	788	2.11	5	5	ND	1	61	.5	2	2	36	1.36	.080	16	23	.58	396	.03	3	1.39	.02	.06	1	50
19400E 17650N	1	30	13	115	.3	32	11	736	1.98	5	5	ND	1	57	.5	2	7	37	1.53	.085	14	23	.58	321	.03	5	1.40	.01	.08	1	50
19400E 17700N	1	21	2	60	.1	17	3	219	.77	2	9	ND	1	159	1.8	2	2	13	3.73	.065	2	9	.38	181	.02	9	.51	.01	.03	1	35
19400E 17750N	1	18	7	81	.3	22	9	552	2.24	3	5	ND	2	54	.3	2	4	35	1.16	.035	11	21	.40	341	.04	5	1.35	.01	.09	2	30
19400E 17800N	1	10	8	66	.2	20	8	257	2.86	6	5	ND	4	20	.2	2	2	55	.34	.020	13	29	.42	249	.05	2	1.92	.01	.06	1	5
19400E 17850N	1	21	6	64	.1	24	8	205	2.44	9	5	ND	5	27	.2	2	2	42	.36	.059	15	27	.53	194	.07	2	1.30	.01	.06	1	15
RE 19400E 17650N	1	26	13	116	.3	31	10	733	2.01	4	5	ND	1	57	.8	2	2	37	1.52	.084	14	25	.58	318	.03	4	1.39	.01	.08	1	45
19400E 17900N	1	21	5	100	.2	33	10	322	2.74	5	5	ND	3	36	.2	2	5	53	.42	.061	17	42	.63	369	.05	2	1.94	.01	.07	1	20
19400E 17950N	1	14	9	58	.2	20	11	1348	2.32	4	5	ND	1	29	.2	2	2	39	.68	.036	11	20	.31	438	.04	5	1.18	.01	.09	1	35
19400E 18000N	1	7	9	57	.1	14	6	221	2.15	5	5	ND	4	15	.2	2	6	47	.21	.011	16	21	.38	243	.05	3	1.43	.01	.04	1	5
19400E 18050N	1	13	11	72	.1	31	11	245	3.87	10	5	ND	5	17	.2	2	2	61	.16	.026	14	38	.57	208	.07	2	3.03	.01	.07	1	20
STANDARD C	19	62	36	136	7.2	73	34	1069	4.01	41	19	6	41	52	18.7	15	19	56	.48	.091	40	58	.90	179	.09	32	1.97	.07	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
19400E 18100N	1	11	13	61	.2	21	9	229	3.33	12	5	ND	4	13	.2	2	2	56	.11	.022	13	32	.48	180	.06	2	2.20	.01	.06	1	15
19400E 18150N	1	16	12	69	.2	29	11	287	3.73	14	5	ND	5	24	.2	2	2	63	.22	.022	13	39	.58	263	.08	2	2.82	.01	.05	1	20
19400E 18200N	1	23	7	77	.2	38	16	422	3.62	7	5	ND	5	23	.2	2	2	74	.25	.033	18	56	.90	352	.14	4	2.40	.01	.04	1	20
19400E 18250N	1	21	5	71	.2	33	11	234	2.75	7	5	ND	4	23	.2	2	2	61	.29	.043	17	47	.84	322	.11	2	2.02	.01	.04	1	15
19400E 18300N	1	23	5	83	.1	40	13	304	2.99	5	5	ND	3	28	.2	2	2	69	.39	.052	17	56	1.01	388	.11	2	2.02	.01	.04	1	70
19400E 18350N	1	23	6	88	.2	42	12	334	3.07	5	5	ND	3	34	.2	2	2	73	.45	.052	18	55	1.09	502	.09	4	2.21	.02	.05	1	35
19400E 18400N	2	24	9	124	.2	41	13	415	3.11	9	5	ND	3	47	.5	2	2	79	.82	.102	19	44	.83	441	.08	2	1.68	.02	.05	1	50
19400E 18450N	1	19	9	109	.5	26	7	156	2.31	9	5	ND	3	53	1.3	2	2	96	.67	.036	15	31	.50	518	.05	2	1.81	.02	.05	1	55
19400E 18500N	8	88	7	2006	1.8	112	9	331	2.36	24	5	ND	1	148	22.5	10	2	500	1.57	.086	26	47	.50	836	.04	2	1.69	.01	.07	9	905
19800E 15000N	1	16	11	88	.2	21	7	241	2.25	11	5	ND	4	20	.4	2	2	52	.21	.017	14	26	.49	299	.07	4	1.70	.01	.04	1	10
19800E 15050N	2	12	18	67	.4	15	12	539	2.79	17	5	ND	4	18	.2	2	2	72	.21	.053	12	25	.35	194	.07	2	1.73	.01	.04	1	5
19800E 15100N	1	21	21	51	.4	10	2	62	1.37	4	5	ND	1	46	.3	2	2	42	.15	.052	15	20	.16	153	.03	4	1.30	.01	.08	1	5
19800E 15150N	1	26	23	83	.3	26	8	205	2.50	15	5	ND	8	58	.2	3	2	58	.71	.055	17	38	.56	160	.10	3	2.41	.01	.10	1	20
19800E 15250N	1	41	31	134	.8	42	11	258	3.04	21	5	ND	11	230	.4	6	3	52	2.27	.241	22	35	1.79	335	.11	6	3.39	.03	.15	1	25
19800E 15350N	1	31	17	115	.1	25	9	280	2.75	99	5	ND	16	110	.3	3	2	85	.86	.230	54	36	.66	418	.15	2	1.51	.02	.18	1	10
19800E 15400N	1	32	14	125	.3	28	8	220	2.93	34	5	ND	11	72	.4	3	2	82	.71	.189	40	34	.72	530	.20	2	1.58	.02	.22	1	10
19800E 15450N	1	29	25	85	.4	17	8	240	2.58	97	5	ND	19	150	.3	2	2	66	.88	.203	56	40	.74	354	.12	3	1.49	.01	.25	1	10
19800E 15500N	1	47	69	206	.4	19	22	746	6.03	104	5	ND	80	169	.4	3	5	134	1.15	.551	103	162	1.75	296	.28	5	2.39	.02	1.67	1	5
19800E 15550N	1	16	14	117	.2	22	14	659	2.91	26	5	ND	7	30	.2	2	2	72	.28	.098	17	33	.52	348	.09	3	1.90	.01	.09	1	5
19800E 15600N	1	16	10	72	.1	19	9	277	2.47	16	5	ND	5	27	.2	2	2	62	.31	.046	16	28	.46	316	.08	4	1.58	.01	.04	1	15
19800E 15650N	1	20	12	72	.2	21	9	234	2.77	14	5	ND	7	28	.2	2	2	58	.33	.032	18	31	.51	347	.08	6	1.91	.01	.04	1	10
19800E 15700N	2	19	17	92	.3	22	24	615	3.92	20	5	ND	6	24	.2	2	2	80	.26	.047	14	38	.54	312	.09	2	2.52	.01	.05	1	40
19800E 15750N	1	11	9	60	.1	15	6	158	2.09	11	5	ND	4	23	.2	2	2	52	.30	.038	15	24	.39	199	.08	4	1.39	.01	.03	1	5
19800E 15800N	1	17	10	68	.2	20	7	160	2.34	13	5	ND	5	26	.2	2	2	53	.34	.042	18	29	.50	238	.09	3	1.60	.01	.04	1	10
19800E 15850N	1	29	16	146	.3	33	12	286	3.43	37	5	ND	8	43	.2	2	2	129	.61	.074	20	50	.65	369	.17	8	2.49	.01	.05	1	5
19800E 15900N	2	36	15	171	.2	40	10	239	3.28	50	5	ND	9	49	.5	2	2	164	.58	.127	23	49	.59	362	.16	4	2.03	.02	.07	1	10
19800E 15950N	3	54	19	285	.3	59	15	359	3.81	76	5	ND	10	64	1.4	4	2	259	.62	.137	27	67	.73	428	.21	3	2.09	.02	.13	1	15
19800E 16000N	4	51	16	287	.7	59	15	351	3.41	102	5	ND	9	72	2.0	3	3	249	.56	.127	24	60	.66	447	.18	3	2.02	.02	.09	1	10
19800E 16050N	7	76	23	427	.7	82	43	1655	3.87	148	5	ND	5	86	4.9	3	2	366	.62	.160	23	73	.75	648	.17	5	2.57	.01	.14	1	15
19800E 16100N	8	54	19	355	1.3	71	17	536	3.20	86	5	ND	8	54	1.8	4	2	461	.26	.072	23	81	.76	356	.18	2	2.44	.01	.14	1	10
19800E 16150N	5	41	18	340	1.3	57	8	235	3.06	64	5	2	7	34	1.2	3	2	323	.21	.056	16	66	.68	239	.17	7	2.20	.01	.11	1	15
19800E 16200N	6	24	15	184	1.0	32	8	222	3.25	38	5	ND	5	25	.9	2	2	263	.18	.041	17	44	.49	224	.16	3	1.97	.01	.06	1	5
19800E 16250N	11	43	20	205	1.2	48	3	86	1.91	30	5	ND	2	31	.4	4	3	523	.11	.029	18	94	.55	240	.17	2	2.17	.01	.08	1	20
19800E 16300N	2	16	13	143	.6	26	6	133	2.51	24	5	ND	4	18	.5	2	2	131	.13	.019	14	34	.40	199	.09	2	1.83	.01	.05	1	10
19800E 16350N	1	41	16	230	.3	41	9	262	2.88	48	5	ND	14	56	2.7	2	2	112	.43	.067	30	39	.71	336	.16	3	1.72	.02	.10	1	10
RE 19800E 16150N	5	43	15	353	1.2	59	9	241	3.21	68	5	2	7	35	1.3	2	2	333	.22	.059	17	68	.71	249	.18	4	2.30	.01	.11	1	10
19800E 16400N	10	56	18	251	2.1	42	10	164	3.06	50	5	ND	2	63	2.2	3	2	334	.22	.049	17	51	.47	263	.11	2	2.30	.01	.09	1	15
STANDARD C	18	56	37	131	6.9	70	33	1033	3.92	40	18	7	38	54	18.4	16	18	54	.48	.088	38	57	.88	175	.09	32	1.87	.06	.15	13	1700

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
19800E 16450N	8	80	17	381	.8	83	16	303	3.47	33	5	ND	1	114	2.9	2	2	147	.77	.101	23	56	.73	883	.09	2	2.69	.02	.09	1	25
19800E 16500N	12	56	24	310	1.1	75	13	340	4.37	79	5	ND	4	111	1.9	4	2	524	.25	.085	19	74	.64	500	.15	5	3.47	.03	.09	1	5
19800E 16550N	8	46	18	206	.9	58	13	233	4.18	53	5	ND	2	106	.7	2	2	414	.25	.058	19	77	.67	587	.13	2	3.66	.02	.08	1	5
19800E 16600N	5	32	23	120	.8	38	16	425	4.54	58	5	ND	2	67	.9	2	2	171	.24	.107	17	60	.69	614	.12	5	3.37	.03	.09	1	10
19800E 16650N	2	19	18	84	.7	36	15	219	3.93	19	7	ND	3	31	.2	2	2	102	.17	.042	14	51	.56	475	.12	2	2.99	.02	.05	1	10
19800E 16700N	1	30	19	95	.2	43	17	262	4.25	20	5	ND	6	41	.2	2	2	98	.23	.043	18	61	.89	576	.18	2	3.09	.02	.08	1	5
19800E 16750N	1	36	22	107	.3	47	19	276	4.59	22	5	ND	8	56	.2	4	2	98	.33	.046	17	59	1.03	513	.21	2	3.51	.02	.09	1	15
19800E 16800N	3	27	31	108	.2	26	12	299	4.00	28	5	ND	5	49	.2	4	2	85	.32	.090	27	42	.66	318	.16	5	2.45	.01	.13	1	10
19800E 16850N	2	22	13	93	.4	26	11	204	3.43	16	5	ND	4	22	.3	2	2	82	.17	.025	12	44	.58	391	.15	4	2.36	.01	.05	1	5
19800E 16900N	3	16	19	58	.9	18	7	180	3.08	9	5	ND	2	34	1.2	2	2	96	.12	.031	14	31	.25	318	.12	2	1.39	.02	.05	1	5
19800E 16950N	3	36	22	125	.3	34	18	334	4.18	11	5	ND	4	42	.3	2	2	99	.17	.032	14	46	.71	596	.11	4	3.08	.02	.07	1	10
19800E 17000N	2	19	13	85	.2	24	11	199	3.40	10	5	ND	3	17	.3	2	2	82	.17	.032	13	39	.53	290	.10	5	2.35	.01	.05	1	10
19800E 17050N	2	23	17	73	.1	33	11	178	3.99	7	5	ND	2	23	.2	2	2	72	.20	.034	13	48	.65	288	.13	4	2.36	.02	.06	1	5
19800E 17100N	1	44	23	109	.2	69	22	340	4.86	13	5	ND	3	47	.3	4	2	90	.50	.044	15	91	1.82	578	.38	2	3.44	.04	.22	1	5
19800E 17150N	1	16	26	81	.2	40	23	500	4.50	10	5	ND	2	27	.5	3	2	85	.40	.066	12	78	1.31	461	.31	6	3.02	.03	.17	1	20
19800E 17200N	1	33	24	101	.4	55	18	223	3.48	13	5	ND	1	65	.6	7	2	64	.51	.069	13	81	1.39	630	.19	9	2.97	.03	.20	1	45
19800E 17250N	2	45	50	63	1.0	27	8	126	2.05	2	5	ND	1	18	2.5	2	2	58	.12	.062	13	38	.24	290	.10	2	1.25	.02	.04	1	35
RE 19800E 17550N	2	39	4	137	.6	50	14	663	3.30	6	6	ND	1	139	.9	2	2	101	2.06	.109	23	60	.84	423	.05	2	2.19	.02	.06	1	5
19800E 17300N	2	40	89	122	.8	59	21	390	4.03	2	5	ND	1	90	.7	2	2	91	.48	.079	15	80	1.39	436	.21	6	2.78	.02	.08	1	95
19800E 17400N	1	45	25	127	1.2	69	25	722	5.33	11	5	ND	1	96	.9	3	2	95	.95	.112	22	101	1.92	801	.17	5	3.58	.02	.13	1	45
19800E 17450N	1	15	9	65	.2	24	8	181	2.51	2	5	ND	2	35	.2	2	2	59	.30	.030	15	36	.56	263	.11	3	1.56	.01	.05	1	10
19800E 17500N	1	14	9	68	.1	27	11	310	2.99	3	5	ND	3	43	.2	2	2	62	.45	.043	16	45	.70	327	.12	3	1.96	.01	.06	1	15
19800E 17550N	2	39	4	137	.7	49	14	665	3.33	12	5	ND	1	139	1.0	2	2	103	2.07	.110	23	61	.86	424	.05	4	2.20	.02	.06	1	50
19800E 17600N	6	61	5	343	1.0	77	15	441	3.55	8	5	ND	1	127	2.9	2	2	117	1.13	.106	25	59	.82	513	.05	14	1.92	.02	.09	1	100
19800E 17700N	1	27	7	100	.1	45	16	446	3.58	3	5	ND	3	62	.2	2	2	75	.71	.068	15	61	1.04	315	.09	11	2.25	.02	.08	1	10
19800E 17750N	1	28	4	157	.2	71	33	1034	6.95	2	5	ND	1	48	.8	2	2	135	.58	.110	16	126	2.02	586	.27	2	3.80	.02	.07	1	15
19800E 17800N	3	108	9	185	.4	149	47	1856	10.72	11	5	ND	1	65	1.0	2	3	264	.88	.153	45	241	2.37	308	.06	2	3.96	.01	.08	1	25
19800E 17850N	1	21	8	70	.1	41	15	353	3.40	3	5	ND	3	32	.2	2	2	63	.55	.083	16	56	.57	376	.03	3	2.31	.01	.08	1	5
19800E 17900N	1	18	12	66	.2	32	13	471	3.11	8	5	ND	5	40	.2	2	2	57	.64	.055	19	43	.54	337	.04	4	2.13	.02	.07	1	10
19800E 17950N	1	16	8	55	.1	24	10	197	2.83	5	5	ND	4	16	.2	2	2	44	.20	.009	17	31	.56	183	.04	12	1.86	.01	.06	1	5
19800E 18000N	1	12	9	62	.1	19	8	219	2.81	4	5	ND	3	13	.2	2	2	48	.13	.016	16	30	.50	174	.05	18	1.88	.01	.05	1	5
19800E 18050N	1	14	9	83	.3	31	14	637	3.34	7	5	ND	4	21	.7	2	2	63	.19	.092	16	47	.57	367	.06	24	2.23	.01	.07	1	10
19800E 18100N	1	18	12	76	.2	32	11	233	2.50	6	5	ND	2	18	.4	2	2	46	.24	.037	16	35	.45	334	.03	7	1.88	.01	.05	1	15
19800E 18150N	1	25	11	96	.3	48	20	488	3.31	4	5	ND	4	28	.2	2	2	58	.44	.070	22	43	.52	512	.03	4	3.04	.01	.06	1	55
19800E 18200N	1	10	8	47	.7	9	5	116	1.69	2	5	ND	1	14	.2	2	2	47	.15	.018	14	23	.23	231	.04	2	1.43	.01	.03	1	15
19800E 18250N	1	24	10	78	.1	27	12	234	3.12	6	5	ND	5	23	.2	2	2	63	.35	.020	22	42	.58	431	.06	4	2.59	.01	.05	1	75
19800E 18300N	1	32	6	97	.5	35	10	315	2.27	6	5	ND	1	52	.6	2	2	33	2.44	.082	18	24	.41	367	.02	6	1.36	.02	.07	1	140
STANDARD C	19	57	40	130	7.2	71	32	1045	3.91	41	20	7	39	52	18.8	16	19	56	.47	.089	39	58	.88	173	.09	33	1.85	.06	.15	11	1400

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
19800E 18350N	2	24	6	123	.3	39	12	312	2.82	4	5	ND	2	36	.4	2	3	43	1.25	.057	20	30	.54	397	.03	3	1.72	.01	.07	1	90
19800E 18400N	1	31	8	112	.7	36	10	298	2.45	2	5	ND	1	44	.4	2	2	42	1.89	.058	17	29	.54	459	.04	6	1.68	.02	.06	1	95
19800E 18450N	1	27	12	120	.6	34	10	279	2.55	2	5	ND	1	42	.2	2	2	44	1.64	.058	16	30	.58	410	.03	5	1.82	.02	.05	1	110
19800E 18500N	1	25	7	113	.4	37	12	250	2.62	2	5	ND	1	42	.2	2	2	40	1.47	.089	19	31	.61	350	.04	6	1.43	.02	.07	1	90
20200E 15000N	1	22	26	226	1.7	23	16	1547	3.87	450	5	ND	6	44	1.0	3	15	68	.38	.068	18	30	.39	577	.07	2	1.62	.01	.09	1	20
20200E 15050N	1	29	16	104	.1	28	12	379	4.34	148	5	ND	19	30	.6	2	2	73	.40	.091	23	41	.65	342	.14	6	2.01	.01	.29	1	10
20200E 15100N	1	22	10	73	.1	25	12	480	2.62	37	5	ND	5	50	.2	2	2	41	.75	.087	20	27	.56	345	.07	6	1.18	.02	.08	1	25
20200E 15150N	1	27	9	86	.3	27	12	252	3.26	25	5	ND	6	36	.2	2	2	55	.43	.055	19	33	.67	331	.09	2	1.78	.02	.08	1	15
20200E 15200N	1	42	12	153	.1	45	14	972	3.07	8	5	ND	3	43	1.9	2	2	53	.67	.116	17	34	.55	682	.07	6	1.86	.03	.10	1	20
20200E 15250N	1	28	20	135	.2	29	14	640	4.46	90	5	ND	12	36	.6	3	2	83	.51	.078	18	42	.73	437	.20	2	2.14	.02	.36	1	20
20200E 15300N	1	13	16	103	.3	17	12	365	2.80	45	5	ND	2	33	.2	2	2	54	.35	.087	15	26	.39	309	.08	3	1.52	.01	.09	1	10
20200E 15350N	1	12	10	90	.1	18	11	318	2.66	10	5	ND	1	18	.4	2	2	58	.16	.096	13	27	.34	303	.06	3	1.54	.01	.05	1	15
20200E 15400N	1	20	6	83	.1	22	11	249	2.77	15	5	ND	4	31	.2	2	2	56	.35	.064	19	31	.51	320	.09	4	1.62	.01	.05	1	20
20200E 15450N	1	15	11	92	.1	19	9	234	2.83	15	5	ND	4	35	.5	2	2	69	.39	.098	22	31	.49	265	.09	6	1.60	.01	.06	1	20
20200E 15500N	1	17	11	80	.2	22	12	627	2.91	18	6	ND	6	31	.2	2	2	63	.37	.059	20	32	.52	400	.08	2	1.80	.01	.05	1	20
20200E 15550N	1	15	14	117	.1	18	33	1946	3.31	23	5	ND	3	33	.4	2	2	70	.35	.115	15	28	.44	557	.15	2	1.38	.01	.15	1	25
20200E 15600N	1	19	22	145	.1	26	20	1148	5.83	62	5	ND	25	28	.2	2	2	119	.36	.181	34	38	.76	471	.24	4	2.45	.01	.27	1	30
20200E 15650N	1	9	14	83	.1	19	15	585	3.13	13	5	ND	5	19	.2	2	2	62	.18	.035	14	26	.35	318	.08	3	1.70	.01	.04	1	15
20200E 15700N	1	9	15	121	.1	19	19	1276	3.30	4	5	ND	4	20	.2	2	2	60	.21	.093	16	26	.40	340	.09	2	1.72	.01	.07	1	20
20200E 15750N	1	9	9	52	.2	13	5	119	2.05	8	5	ND	1	16	.2	2	2	49	.15	.034	13	23	.29	210	.05	7	1.33	.01	.04	1	25
20200E 15800N	1	14	12	65	.2	20	9	169	3.09	16	5	ND	3	20	.2	2	2	69	.23	.038	14	29	.44	246	.06	3	1.93	.01	.04	1	10
20200E 15850N	1	19	11	87	.4	19	10	319	2.60	16	5	ND	2	31	.2	2	2	85	.38	.070	23	30	.44	344	.10	2	1.59	.01	.06	1	30
20200E 15900N	1	20	17	86	.3	21	8	168	2.73	15	5	ND	6	52	.4	3	2	68	.49	.106	28	30	.59	217	.13	3	1.63	.02	.07	1	15
20200E 15950N	1	23	10	103	.1	26	9	182	2.81	19	5	ND	9	51	.3	2	2	70	.59	.131	36	35	.62	307	.14	4	1.54	.01	.11	1	25
20200E 16050N	2	35	15	142	.3	32	17	636	3.63	61	5	ND	10	69	1.0	2	2	110	.71	.156	41	48	.82	597	.22	6	1.89	.02	.23	1	25
20200E 16100N	3	36	8	168	.8	42	9	153	2.93	47	5	ND	3	44	1.5	2	2	169	.20	.054	17	54	.54	386	.14	2	2.00	.01	.06	1	20
20200E 16150N	3	34	8	165	.6	40	10	169	3.24	48	5	ND	3	46	1.1	3	2	146	.31	.065	20	55	.62	397	.13	3	1.97	.02	.06	1	15
20200E 16200N	3	33	13	166	1.0	32	7	122	2.50	26	5	ND	1	61	1.1	5	2	167	.24	.053	17	43	.43	400	.10	2	1.58	.01	.07	1	25
20200E 16250N	5	22	14	210	1.1	34	10	173	3.32	22	5	ND	2	40	1.5	2	2	214	.18	.058	14	47	.44	361	.10	3	2.00	.01	.06	1	20
20200E 16300N	3	17	14	191	1.6	31	6	132	2.06	10	5	ND	1	37	1.0	2	2	160	.22	.028	13	35	.34	200	.08	3	1.33	.01	.04	1	25
20200E 16350N	3	10	11	208	1.0	20	12	784	2.51	9	5	ND	1	38	2.2	2	2	105	.26	.076	13	27	.35	298	.07	3	1.48	.01	.05	1	5
20200E 16400N	1	58	20	404	.4	62	18	581	5.88	42	9	ND	31	181	2.2	2	2	126	1.44	.417	91	60	1.35	348	.33	4	2.35	.02	.95	1	20
20200E 16450N	1	19	25	309	.1	28	24	1002	4.43	12	5	ND	13	32	2.3	2	3	84	.51	.173	33	36	.75	427	.25	2	1.98	.01	.39	1	10
RE 20200E 16300N	4	18	14	195	1.8	30	6	142	2.11	12	5	ND	1	36	1.2	2	2	164	.23	.031	14	36	.35	201	.09	2	1.35	.01	.05	1	20
20200E 16500N	1	17	29	172	.2	19	22	767	4.16	13	5	ND	11	38	.8	2	2	83	.50	.098	23	33	.71	260	.24	4	1.81	.02	.25	1	10
20200E 16550N	1	18	23	292	.5	21	17	1395	3.64	23	5	ND	5	33	3.9	2	2	74	.42	.050	19	34	.60	513	.14	8	2.12	.01	.07	1	25
20200E 16600N	1	20	18	84	1.0	19	19	1395	2.64	19	5	ND	1	30	1.1	2	4	56	.29	.062	13	28	.37	331	.09	3	1.51	.01	.05	1	35
STANDARD C	19	59	39	133	7.4	75	32	1064	4.01	43	15	7	40	52	18.6	15	21	56	.48	.091	40	58	.88	181	.09	35	1.92	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
20200E 16650N	1	26	24	112	.7	27	13	664	3.59	37	5	ND	3	29	.5	2	2	94	.28	.049	13	40	.63	455	.17	2	2.16	.01	.07	1	10
20200E 16700N	2	22	18	108	.6	25	10	350	3.02	31	5	ND	1	27	.7	2	2	86	.29	.037	12	35	.59	440	.10	2	1.93	.01	.05	1	15
20200E 16750N	1	25	22	101	.9	27	10	378	3.09	16	5	ND	1	29	1.0	2	2	98	.29	.034	14	37	.63	351	.10	2	2.30	.01	.05	1	15
20200E 16800N	1	9	17	49	.6	11	4	159	1.66	15	5	ND	1	16	.2	2	2	49	.16	.017	11	18	.30	178	.06	2	1.24	.01	.03	1	5
20200E 16850N	1	27	15	62	.4	32	9	154	2.89	14	5	ND	1	29	.7	2	2	65	.22	.068	15	48	.55	469	.05	2	2.08	.01	.06	1	25
20200E 16900N	1	29	17	85	.5	40	13	270	3.53	17	5	ND	1	44	.5	5	2	78	.29	.070	15	59	.61	653	.07	2	2.35	.01	.08	1	25
20200E 16950N	1	22	17	66	.4	34	14	362	3.48	12	5	ND	1	29	.2	2	2	72	.22	.062	12	55	.73	471	.08	2	2.26	.02	.06	1	20
20200E 17000N	1	19	20	66	.2	28	8	176	3.07	10	5	ND	1	20	.3	2	2	78	.15	.055	12	44	.51	362	.07	2	1.90	.02	.07	1	20
20200E 17050N	1	13	15	87	.6	18	6	234	3.29	8	5	ND	1	34	.4	2	2	63	.09	.084	9	28	.31	282	.01	2	1.57	.01	.06	1	25
20200E 17100N	1	14	14	35	.2	6	2	25	.75	2	5	ND	1	17	.3	2	2	19	.08	.051	7	7	.05	300	.01	2	.81	.01	.04	1	55
20200E 17150N	1	23	29	73	.1	23	7	193	2.61	6	5	ND	1	24	.3	2	2	45	.19	.063	11	31	.77	315	.07	2	2.35	.01	.11	1	15
20200E 17200N	1	30	33	101	.6	31	7	128	2.14	4	5	ND	1	45	.5	3	2	41	.51	.062	13	37	1.16	559	.10	2	2.76	.02	.21	1	30
20200E 17250N	1	30	19	91	.5	86	16	160	2.98	5	5	ND	1	67	.7	5	2	58	.38	.076	15	130	1.06	712	.15	5	2.57	.02	.46	1	50
20200E 17300N	1	27	14	83	.2	47	10	185	2.82	8	5	ND	1	42	.2	3	2	57	.21	.066	14	79	.62	335	.12	4	1.63	.02	.18	1	30
20200E 17350N	1	20	14	84	.4	32	7	113	1.81	4	5	ND	1	45	.6	2	2	31	.41	.064	12	46	.60	320	.06	3	1.76	.01	.08	1	40
20200E 17400N	1	10	10	46	.1	12	4	119	2.87	12	5	ND	3	14	.2	2	2	68	.11	.019	14	28	.29	115	.07	2	1.60	.01	.04	1	15
20200E 17450N	1	16	6	71	.4	16	5	74	1.23	3	5	ND	1	28	.6	2	2	24	.24	.077	10	20	.20	218	.01	4	1.00	.01	.05	1	55
20200E 17500N	1	15	10	75	.2	25	10	224	2.59	9	5	ND	1	24	.2	2	2	45	.24	.057	16	32	.48	187	.06	3	1.52	.01	.05	1	10
20200E 17550N	1	11	10	44	.1	14	6	142	1.77	8	5	ND	1	26	.2	2	2	37	.22	.043	13	25	.24	112	.03	2	1.31	.01	.05	1	15
20200E 17600N	1	29	7	102	.1	47	16	531	3.72	6	5	ND	1	52	.3	2	2	72	.31	.114	20	82	1.05	304	.09	2	1.94	.01	.07	1	40
20200E 17650N	1	26	5	71	.3	33	10	446	1.89	3	5	ND	1	128	.4	2	2	25	1.31	.107	34	24	.41	486	.04	5	1.51	.01	.05	1	75
20200E 17700N	1	19	11	86	.2	27	15	403	2.40	8	5	ND	1	41	.3	2	2	46	.32	.064	15	38	.61	319	.05	2	1.77	.01	.06	1	40
20200E 17750N	1	29	7	81	.3	28	7	298	1.95	3	5	ND	1	87	.5	2	2	36	2.86	.120	17	29	.44	269	.03	4	1.29	.02	.05	1	70
RE 20200E 17550N	1	11	9	43	.1	14	6	142	1.69	7	5	ND	1	27	.2	2	2	36	.25	.042	12	23	.24	106	.02	2	1.28	.01	.05	1	15
20200E 17800N	1	25	2	79	.2	24	9	550	2.19	3	5	ND	1	71	.4	2	2	48	2.02	.071	15	27	.45	288	.07	4	1.33	.01	.05	1	65
20200E 17850N	1	21	6	89	.2	33	15	471	4.24	6	5	ND	1	31	.3	2	2	88	.62	.049	11	44	.78	417	.23	3	2.20	.01	.08	1	15
20200E 17900N	1	28	5	90	.4	45	16	904	3.88	4	5	ND	1	87	.5	2	2	71	1.73	.110	19	46	1.01	490	.11	6	2.08	.01	.11	1	45
20200E 17950N	1	20	9	79	.2	40	16	706	3.22	7	5	ND	2	29	.2	2	2	53	.48	.049	15	41	.55	427	.04	3	2.02	.01	.08	1	15
20200E 18050N	3	36	10	125	.4	50	14	359	3.40	11	5	ND	4	24	.2	2	2	47	.60	.082	20	27	.50	334	.02	2	2.21	.01	.12	1	35
20200E 18100N	1	8	8	64	.2	13	5	205	1.94	6	5	ND	1	13	.4	2	2	54	.16	.017	13	20	.31	136	.05	2	1.32	.01	.06	1	5
20200E 18150N	4	18	9	193	.1	33	9	282	3.07	15	5	ND	1	13	.9	2	2	86	.12	.034	14	32	.50	179	.05	2	2.00	.01	.06	1	15
20200E 18200N	10	17	60	307	.2	46	10	227	3.70	18	5	ND	28	15	.7	2	2	73	.12	.027	20	29	.55	195	.05	2	2.38	.01	.05	1	15
20200E 18250N	5	16	13	189	.1	31	9	255	4.41	17	5	ND	4	14	1.0	3	2	104	.12	.027	15	33	.49	186	.05	4	2.31	.01	.06	1	25
20200E 18300N	6	45	11	281	1.3	82	9	247	2.86	17	5	ND	1	29	1.0	2	2	104	.55	.351	19	56	.44	246	.03	3	1.80	.01	.06	1	120
20200E 18350N	3	43	35	172	1.9	40	9	405	2.57	22	5	ND	1	19	5.3	2	2	73	.14	.135	45	30	.27	324	.02	3	1.67	.01	.05	1	185
20200E 18400N	6	31	16	227	.9	59	7	191	2.26	11	5	ND	1	18	1.8	2	2	116	.20	.122	19	39	.22	205	.01	3	1.20	.01	.05	1	60
20200E 18450N	2	20	11	139	1.8	35	5	135	1.98	8	5	ND	1	19	.8	2	2	85	.29	.107	15	36	.35	196	.04	2	1.42	.01	.06	1	45
STANDARD C	18	58	40	132	7.0	71	34	1051	3.97	41	15	8	36	52	18.5	15	18	55	.50	.090	37	60	.89	177	.09	31	1.89	.06	.15	13	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
20200E 18500N	1	11	17	110	1.5	25	8	246	3.35	14	5	ND	2	14	.2	2	2	76	.15	.075	15	34	.47	156	.06	2	2.08	.01	.04	1	55
20600E 15500N	1	21	11	109	.1	26	9	215	2.89	23	5	ND	9	33	.2	2	3	80	.44	.078	25	32	.61	389	.13	4	1.81	.01	.06	1	15
20600E 15550N	1	21	12	162	.3	28	10	318	3.51	35	5	ND	7	32	.8	2	3	111	.42	.072	21	36	.72	433	.18	4	2.04	.01	.09	1	15
20600E 15600N	1	18	6	111	.2	22	7	171	2.44	21	5	ND	5	28	.5	2	2	79	.39	.060	19	27	.52	350	.13	2	1.49	.01	.08	1	15
20600E 15650N	1	23	10	127	.1	34	9	242	2.76	27	5	ND	7	39	.2	2	2	107	.55	.135	21	33	.64	588	.10	2	1.91	.01	.06	1	15
20600E 15700N	1	17	11	143	.1	28	7	204	2.19	14	5	ND	5	39	.4	2	2	110	.57	.164	23	25	.47	675	.08	3	1.55	.01	.05	1	15
20600E 15750N	1	38	11	444	.5	52	9	238	3.05	27	5	ND	10	61	1.0	2	2	321	.67	.190	31	37	.73	1036	.15	2	2.01	.01	.08	1	10
20600E 15800N	1	40	16	552	.6	59	14	453	3.50	27	5	ND	8	82	2.2	2	2	236	1.07	.582	35	46	.78	592	.17	3	2.20	.01	.09	1	10
20600E 15850N	1	48	19	538	.4	77	12	585	3.55	33	5	ND	18	99	4.1	2	2	191	1.15	.592	44	53	.81	617	.19	4	1.92	.01	.31	1	10
20600E 15900N	1	43	15	1286	.4	106	11	370	2.96	18	5	ND	18	88	3.8	2	2	272	1.12	.591	34	54	.68	756	.13	7	1.80	.01	.17	4	15
20600E 15950N	1	46	23	634	.1	72	18	655	4.76	25	5	ND	28	108	1.4	2	2	245	.96	.573	67	48	.88	585	.23	6	2.02	.01	.34	1	10
20600E 16000N	1	35	37	268	.1	25	19	995	5.11	8	5	ND	30	191	.6	2	3	102	.99	.585	90	36	1.09	358	.29	6	1.93	.01	1.01	1	15
20600E 16050N	1	62	24	174	.2	22	16	456	6.69	23	5	ND	24	84	.2	5	3	135	.99	.580	83	48	1.16	263	.31	2	2.25	.01	.81	1	15
20600E 16100N	1	38	38	149	.2	23	20	762	5.70	19	5	ND	28	101	.3	2	2	105	.94	.271	46	32	1.02	232	.33	4	1.99	.02	.78	1	15
20600E 16150N	1	52	13	88	.1	25	12	367	4.03	28	5	ND	23	45	.2	2	3	81	.78	.280	97	33	.84	282	.26	4	1.78	.01	.60	1	15
20600E 16200N	1	30	18	133	.4	28	13	316	4.84	18	5	ND	14	42	.3	3	2	82	.37	.188	28	35	.81	315	.21	5	2.57	.01	.39	1	20
20600E 16250N	1	21	10	69	.2	22	12	485	3.13	12	5	ND	6	19	.2	2	2	55	.18	.060	14	29	.53	201	.09	4	1.91	.01	.10	1	15
20600E 16300N	1	29	16	94	.5	25	13	342	4.48	25	5	ND	9	30	.4	5	2	97	.43	.125	27	44	.82	369	.29	3	2.12	.01	.48	1	25
RE 20600E 16150N	1	53	13	88	.1	26	11	362	4.06	26	5	ND	22	45	.2	2	3	82	.78	.271	94	34	.84	290	.26	3	1.79	.01	.60	1	20
20600E 16350N	1	42	11	131	.4	61	15	417	3.91	64	5	ND	5	89	.3	8	2	90	1.03	.170	31	41	1.21	1813	.29	5	2.50	.03	.21	1	35
20600E 16400N	1	28	13	108	.6	39	20	791	3.57	27	5	ND	8	49	.5	2	2	79	.37	.074	36	36	.75	692	.24	2	2.18	.02	.28	1	15
20600E 16450N	1	21	11	93	.5	50	19	269	4.24	51	5	ND	4	31	.3	2	3	75	.35	.107	18	42	.99	1417	.33	2	2.59	.04	.24	1	15
20600E 16500N	1	21	12	77	.3	38	20	444	3.35	51	5	ND	3	19	.2	2	2	69	.21	.054	12	40	.82	758	.28	3	2.09	.02	.13	1	15
20600E 16550N	1	16	16	60	.3	24	11	259	3.22	23	5	ND	3	21	.2	2	2	68	.23	.045	13	33	.59	454	.20	3	1.95	.01	.06	1	15
20600E 16600N	1	22	13	69	.1	24	7	171	2.53	68	5	ND	5	29	.2	2	2	63	.28	.050	21	35	.63	282	.15	2	1.69	.01	.11	1	15
20600E 16650N	1	21	24	112	.3	26	12	332	3.87	156	5	ND	16	29	.3	2	4	77	.25	.054	30	44	.64	169	.16	2	2.16	.01	.14	1	20
20600E 16700N	1	26	29	158	.3	21	10	388	4.73	18	5	ND	22	77	.7	4	2	88	.62	.307	45	54	1.03	535	.27	2	2.79	.01	.70	1	15
20600E 16750N	1	15	16	103	.3	22	12	673	3.28	20	5	ND	5	21	.3	2	2	66	.17	.049	14	33	.57	217	.09	3	2.19	.01	.06	1	20
20600E 16800N	1	25	18	119	.1	31	8	249	2.58	34	5	ND	3	26	.6	2	2	108	.30	.031	18	37	.71	402	.08	2	2.00	.01	.04	1	15
20600E 16850N	1	21	20	138	.4	27	7	273	2.57	16	5	ND	1	26	1.7	2	2	104	.25	.045	13	32	.56	294	.05	3	2.06	.01	.04	1	15
20600E 16900N	1	18	29	124	.2	31	7	246	2.83	16	5	ND	2	27	.8	4	2	136	.24	.028	12	37	.70	200	.07	3	2.02	.01	.04	1	10
20600E 16950N	1	12	32	186	1.1	27	8	319	3.22	22	5	ND	2	16	.9	2	2	93	.16	.038	11	39	.56	215	.06	3	2.36	.01	.03	1	30
20600E 17000N	1	13	18	72	.1	21	8	229	3.29	22	5	ND	2	13	.3	2	2	62	.10	.027	12	34	.49	117	.06	4	1.95	.01	.04	1	25
20600E 17050N	1	16	19	64	.1	20	9	256	3.31	14	5	ND	3	17	.2	2	2	62	.11	.023	13	35	.54	153	.08	2	2.20	.01	.05	1	25
20600E 17100N	1	29	42	280	.1	18	5	163	2.45	15	5	ND	1	30	.3	2	2	56	.26	.025	10	27	.50	181	.07	2	2.05	.02	.03	1	20
20600E 17150N	1	16	30	108	.1	15	5	157	1.96	12	5	ND	1	21	.5	2	2	39	.20	.049	12	24	.40	138	.04	2	1.59	.01	.04	1	25
20600E 17200N	1	16	28	108	.1	20	5	123	1.86	9	5	ND	1	20	.3	2	2	44	.20	.046	12	25	.52	118	.04	2	1.67	.01	.04	1	30
STANDARD C	18	56	36	132	6.8	70	34	1038	3.94	41	19	8	36	54	18.6	15	19	55	.48	.089	37	58	.88	175	.09	33	1.87	.06	.15	13	1350

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
20600E 17250N	1	35	54	144	.6	25	6	189	2.11	9	5	ND	1	32	.8	2	2	44	.28	.061	11	28	.49	268	.04	2	1.80	.01	.06	2	110
20600E 17300N	1	18	19	77	.2	20	6	203	1.95	9	5	ND	3	26	.2	2	2	38	.28	.060	13	24	.41	137	.06	3	1.11	.01	.04	1	20
20600E 17350N	1	20	29	89	.6	21	5	137	2.08	9	5	ND	1	24	.2	2	2	39	.26	.047	12	27	.44	197	.04	2	1.62	.01	.05	1	45
20600E 17400N	1	22	54	93	1.5	24	7	269	2.15	9	5	ND	1	27	.4	3	2	42	.35	.049	13	27	.46	216	.05	4	1.55	.01	.05	1	45
20600E 17450N	1	17	27	45	.5	12	3	87	1.30	4	5	ND	1	19	.5	2	2	25	.17	.042	12	16	.19	142	.02	2	1.03	.01	.03	1	50
20600E 17500N	1	24	29	111	.5	26	7	191	2.24	8	5	ND	1	28	.2	2	2	41	.33	.052	13	30	.63	207	.07	3	1.69	.01	.06	1	50
20600E 17550N	1	25	35	119	.7	29	8	280	2.70	12	5	ND	2	54	.4	2	2	51	.48	.052	18	39	.81	311	.10	2	1.84	.01	.07	1	55
20600E 17600N	1	23	17	79	.4	29	8	208	2.88	6	5	ND	1	66	.2	2	2	56	.51	.054	17	42	.84	234	.15	2	1.79	.01	.05	1	45
20600E 17650N	1	18	23	79	.2	29	9	248	2.69	8	5	ND	4	51	.6	2	2	43	.49	.034	16	37	.56	268	.09	2	1.65	.01	.06	1	20
20600E 17700N	1	42	6	97	.3	68	27	811	5.11	12	5	ND	2	76	.2	4	2	91	.58	.096	17	90	1.54	415	.27	3	2.42	.01	.07	1	25
20600E 17750N	1	21	8	153	.2	36	7	214	1.78	3	5	ND	1	63	1.3	2	2	49	1.46	.112	12	37	.58	190	.03	2	1.15	.01	.06	1	50
20600E 17800N	1	18	7	81	.3	24	6	163	1.59	3	5	ND	1	51	1.0	2	2	28	1.30	.070	11	21	.41	242	.03	3	.95	.01	.05	1	45
20600E 17850N	1	25	7	106	.3	37	8	243	2.08	3	5	ND	1	40	.7	2	2	33	.91	.118	19	25	.42	268	.03	2	1.14	.01	.05	1	65
RE 20600E 18100N	1	9	12	63	.1	18	9	241	2.62	6	5	ND	3	12	.2	2	2	49	.14	.016	11	25	.43	177	.05	2	1.98	.01	.04	1	20
20600E 17900N	1	24	6	93	.7	24	7	315	1.71	4	5	ND	1	41	.9	2	2	35	1.65	.102	13	18	.35	300	.02	2	1.16	.01	.04	1	65
20600E 17950N	1	24	9	93	.3	32	9	285	2.53	8	5	ND	1	43	.2	2	2	33	1.42	.089	19	22	.55	266	.03	3	1.41	.01	.07	1	50
20600E 18000N	1	19	10	87	.4	25	8	416	2.21	6	5	ND	1	53	.4	2	2	36	2.37	.163	14	19	.38	288	.03	3	1.31	.01	.05	1	60
20600E 18050N	1	14	10	82	.4	27	9	225	2.90	4	5	ND	2	12	.2	2	2	53	.18	.029	11	28	.42	297	.04	2	2.12	.01	.05	1	20
20600E 18100N	1	8	8	64	.1	19	9	244	2.73	6	5	ND	3	11	.2	2	2	50	.13	.017	11	26	.44	185	.05	2	2.04	.01	.04	1	30
20600E 18150N	4	19	11	129	.8	36	9	226	3.14	10	5	ND	4	9	.2	2	2	69	.09	.018	12	34	.51	176	.05	3	2.41	.01	.08	1	45
20600E 18200N	2	15	12	170	.2	28	9	253	3.02	10	5	ND	4	13	.5	2	2	70	.14	.025	12	37	.57	190	.08	2	2.07	.01	.05	1	25
20600E 18250N	2	25	9	164	.5	36	7	247	2.42	10	5	ND	1	23	2.6	2	2	77	.52	.068	14	30	.43	258	.03	2	1.73	.01	.04	1	60
20600E 18300N	1	20	9	126	.6	43	9	365	2.59	8	5	ND	1	19	.2	2	2	52	.27	.113	14	32	.44	152	.03	2	1.53	.01	.05	1	105
20600E 18350N	1	13	11	113	.6	25	9	354	2.98	8	5	ND	2	14	.2	2	2	58	.15	.047	12	30	.47	198	.06	2	2.04	.01	.04	1	55
20600E 18400N	1	13	15	164	2.5	20	9	549	3.12	8	5	ND	2	15	.5	2	2	72	.17	.055	12	32	.38	165	.06	2	1.88	.01	.04	1	35
20600E 18450N	1	11	15	190	1.2	21	9	353	4.15	13	5	ND	2	11	.3	2	2	70	.12	.048	12	35	.52	150	.06	2	2.04	.01	.05	1	60
20600E 18500N	2	31	8	206	4.7	50	5	132	1.79	5	5	ND	1	29	1.3	2	2	85	.48	.122	16	31	.26	360	.01	3	1.31	.01	.04	1	960
21000E 15000N	1	20	9	97	.4	24	6	208	2.42	7	5	ND	1	31	.2	2	2	58	.30	.064	16	26	.41	353	.05	3	1.76	.01	.05	1	45
21000E 15050N	1	17	7	69	.1	18	6	196	2.10	6	5	ND	3	22	.2	2	2	39	.26	.050	12	22	.42	239	.07	2	1.33	.01	.04	1	15
21000E 15100N	1	14	8	64	.1	18	5	152	2.01	7	5	ND	3	18	.2	2	2	49	.17	.032	12	22	.36	281	.07	2	1.43	.01	.03	1	15
21000E 15150N	1	25	7	89	.1	28	10	405	2.57	9	5	ND	3	35	.3	2	2	37	.57	.063	14	18	.51	514	.07	2	1.20	.02	.06	1	40
21000E 15200N	1	28	26	76	.1	31	9	222	3.28	168	5	ND	7	22	.2	2	2	55	.15	.025	18	35	.53	220	.08	2	1.94	.01	.09	1	30
21000E 15250N	1	19	12	65	.1	18	9	313	2.81	33	5	ND	9	25	.2	2	2	49	.22	.040	17	29	.49	283	.09	2	1.66	.01	.04	1	20
21000E 15300N	1	23	17	81	.2	19	8	279	3.70	51	5	ND	12	42	.2	2	2	64	.39	.049	31	35	.65	377	.16	2	2.04	.01	.05	1	35
21000E 15350N	1	19	12	68	.1	17	7	211	2.82	34	5	ND	10	38	.2	2	2	54	.32	.060	26	28	.52	287	.12	2	1.58	.01	.05	1	30
21000E 15400N	1	15	11	48	.2	14	6	165	2.13	12	5	ND	10	30	.2	2	2	38	.28	.053	24	23	.40	204	.08	3	1.23	.01	.04	1	15
21000E 15450N	1	27	10	57	.1	20	7	246	2.74	15	5	ND	18	30	.2	2	2	47	.30	.033	40	26	.48	368	.10	2	1.55	.01	.05	1	35
STANDARD C	18	58	36	132	6.9	70	32	1047	3.95	37	17	8	37	51	18.3	16	19	56	.48	.091	36	58	.89	175	.09	34	1.89	.06	.15	13	1450

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
21000E 15500N	1	24	11	68	.1	21	10	313	2.64	23	5	ND	25	37	.2	2	2	50	.40	.053	44	26	.44	319	.09	6	1.36	.01	.07	1	25
21000E 15550N	1	13	8	54	.1	16	7	174	2.23	11	5	ND	9	24	.2	2	2	43	.29	.043	18	24	.42	252	.06	7	1.36	.01	.04	1	20
21000E 15600N	1	19	7	54	.1	19	8	172	2.23	10	5	ND	11	22	.2	2	2	40	.25	.037	24	25	.43	259	.06	4	1.32	.01	.04	1	15
21000E 15650N	2	19	18	99	.2	19	22	1526	3.52	13	5	ND	15	34	.3	2	2	70	.34	.086	31	30	.53	382	.12	4	1.82	.01	.11	1	20
21000E 15700N	1	15	18	90	.2	17	10	423	3.24	19	5	ND	13	29	.3	2	2	65	.29	.069	22	27	.50	359	.10	4	1.64	.01	.08	1	10
21000E 15750N	1	14	17	72	.2	15	19	1371	2.81	16	5	ND	11	19	.2	2	2	57	.17	.039	20	23	.37	280	.08	3	1.52	.01	.05	1	20
RE 21000E 15950N	1	11	18	53	.3	15	8	201	2.50	22	5	ND	19	16	.2	2	2	46	.15	.025	30	25	.37	131	.06	4	1.37	.01	.05	1	15
21000E 15800N	1	14	12	70	.3	18	14	497	3.20	20	5	ND	10	16	.2	2	2	62	.14	.044	16	31	.43	289	.08	4	2.02	.01	.05	1	15
21000E 15850N	1	23	28	120	.2	29	14	227	3.84	41	5	ND	34	31	.2	3	2	68	.36	.177	77	36	.55	189	.11	5	2.18	.01	.18	1	10
21000E 15900N	2	9	18	54	.3	11	14	749	2.13	5	5	ND	28	23	.2	2	2	45	.22	.051	35	18	.29	247	.08	4	1.19	.01	.06	2	15
21000E 15950N	1	13	19	58	.1	17	10	212	2.74	25	5	ND	21	18	.2	2	2	51	.17	.026	33	28	.41	143	.07	3	1.53	.01	.06	1	20
21000E 16000N	1	19	16	73	.2	20	14	357	3.43	18	5	ND	18	23	.2	2	2	68	.23	.044	21	29	.52	225	.13	5	1.92	.01	.07	1	10
21000E 16050N	1	13	12	67	.2	18	10	240	2.89	17	5	ND	12	19	.2	2	2	54	.17	.047	17	28	.45	229	.08	5	1.78	.01	.06	1	15
21000E 16100N	1	49	70	144	.1	18	18	580	4.29	24	5	ND	41	510	.7	2	6	77	1.65	.495	181	30	1.28	403	.26	7	2.34	.02	.85	1	15
21000E 16150N	1	29	16	72	.1	17	10	369	2.63	44	5	ND	10	160	.2	3	2	52	.59	.170	57	27	.58	235	.12	6	1.34	.01	.13	1	25
21000E 16200N	1	17	10	53	.2	19	9	215	2.55	12	5	ND	7	22	.2	2	2	44	.14	.026	17	27	.45	146	.08	4	1.41	.01	.04	1	10
21000E 16250N	1	18	14	51	.1	16	8	175	2.53	11	5	ND	6	49	.2	2	2	46	.25	.060	25	25	.47	182	.10	3	1.48	.01	.05	1	15
21000E 16300N	1	21	10	61	.1	20	11	234	2.92	10	5	ND	6	36	.2	2	2	54	.22	.090	17	30	.50	207	.08	2	1.73	.01	.05	1	10
21000E 16350N	1	16	15	56	.2	16	8	213	2.73	8	5	ND	5	32	.2	2	2	57	.18	.049	19	26	.46	172	.11	2	1.58	.01	.05	1	15
21000E 16400N	1	23	14	66	.3	20	14	485	3.05	15	5	ND	8	38	.2	2	2	58	.26	.081	27	29	.52	196	.11	5	1.60	.01	.09	1	15
21000E 16450N	1	34	17	80	.1	23	13	381	3.87	9	5	ND	14	40	.4	2	2	83	.47	.118	38	53	.91	218	.22	2	1.80	.01	.23	1	10
21000E 16500N	1	33	15	59	.1	19	11	223	3.26	14	5	ND	11	19	.2	2	2	60	.23	.039	30	36	.59	195	.11	4	1.62	.01	.11	1	10
21000E 16550N	1	18	11	67	.1	21	12	267	3.37	15	5	ND	7	24	.2	2	2	67	.30	.095	21	31	.58	219	.15	2	1.43	.01	.21	1	10
21000E 16600N	1	22	14	198	.4	22	26	1699	4.20	14	5	ND	12	32	.8	2	2	83	.53	.225	37	35	.74	455	.26	4	1.95	.01	.33	1	20
21000E 16650N	3	23	10	169	.1	39	9	215	2.82	16	5	ND	5	42	.4	2	2	133	.26	.030	13	38	.70	296	.12	3	2.33	.01	.05	1	15
21000E 16700N	1	14	6	60	.1	22	8	159	2.71	10	5	ND	2	23	.2	2	3	61	.17	.035	14	37	.63	290	.12	2	1.82	.02	.05	1	15
21000E 16750N	1	16	8	51	.1	22	9	143	2.71	9	5	ND	2	18	.2	2	2	53	.20	.050	15	32	.53	241	.09	3	1.69	.02	.05	1	15
21000E 16800N	1	14	4	48	.1	19	8	141	2.56	11	5	ND	1	20	.2	2	2	43	.21	.057	15	26	.44	222	.06	2	1.52	.01	.04	1	15
21000E 16850N	1	27	14	64	.1	42	14	229	3.36	19	5	ND	1	30	.5	3	2	68	.36	.051	14	57	.95	482	.18	4	2.14	.07	.08	1	25
21000E 16900N	1	24	10	50	.1	39	14	215	3.08	132	6	ND	1	27	.3	2	2	62	.27	.108	14	50	.73	441	.14	2	2.26	.03	.08	1	10
21000E 16950N	1	32	9	72	.1	38	15	292	3.83	11	5	ND	5	18	.4	2	2	72	.15	.042	18	54	.85	375	.13	3	3.06	.02	.06	1	30
21000E 17000N	1	17	11	60	.1	23	12	302	3.30	14	5	ND	3	14	.4	5	2	66	.11	.057	15	44	.45	256	.09	6	2.25	.01	.05	1	25
21000E 17050N	1	20	15	68	.1	23	11	223	3.59	13	5	ND	3	15	.2	2	2	63	.12	.051	16	46	.56	218	.08	2	2.46	.01	.05	1	30
21000E 17100N	1	12	15	61	.1	18	7	148	3.13	6	5	ND	1	16	.2	2	2	61	.11	.053	13	34	.51	129	.07	2	2.18	.01	.05	1	20
21000E 17150N	1	10	17	41	.1	13	5	103	1.98	7	5	ND	1	15	.2	2	2	44	.14	.057	13	27	.35	109	.04	2	1.54	.01	.04	1	25
21000E 17200N	1	16	29	20	.4	8	2	29	.81	2	7	ND	1	21	.9	2	2	21	.16	.057	11	16	.09	168	.01	2	1.03	.01	.03	1	30
21000E 17250N	1	21	46	99	.3	27	10	225	3.21	7	5	ND	3	15	.7	4	2	56	.14	.023	11	30	.70	186	.07	2	2.25	.01	.04	1	55
STANDARD C	20	60	37	133	7.3	70	32	1065	3.98	43	22	7	41	53	18.7	18	19	58	.48	.091	41	58	.89	177	.09	35	1.88	.07	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
21000E 17300N	1	10	29	122	.3	13	7	345	2.66	8	5	ND	1	10	.8	2	2	58	.09	.022	8	22	.25	165	.06	2	1.81	.01	.04	1	15
21000E 17350N	1	9	22	142	.5	14	8	319	3.11	11	5	ND	2	10	.9	2	2	52	.10	.025	9	25	.40	185	.05	4	1.84	.01	.04	1	25
21000E 17400N	1	17	40	121	.3	29	6	201	2.33	30	5	ND	2	23	1.0	2	2	65	.28	.025	10	23	.76	322	.05	4	1.92	.01	.05	1	30
21000E 17450N	1	47	75	306	.3	45	12	519	3.29	24	5	ND	10	163	2.4	16	2	125	1.13	.160	35	32	1.11	265	.09	2	1.86	.01	.05	1	120
21000E 17500N	1	47	83	228	1.3	30	9	319	1.19	4	5	ND	1	76	.7	5	2	27	2.90	.138	19	6	.33	625	.02	4	1.36	.01	.02	1	295
RE 21000E 17700N	2	69	13	475	.5	63	7	334	1.32	12	5	ND	1	63	8.7	2	2	112	3.23	.112	19	25	.84	202	.03	5	1.18	.01	.04	1	160
21000E 17550N	1	25	31	265	.1	40	9	339	2.45	17	5	ND	1	24	2.4	4	2	98	.53	.052	12	31	.67	230	.05	2	1.61	.01	.04	1	45
21000E 17600N	1	33	28	621	.2	65	9	393	1.95	14	5	ND	1	60	5.6	3	2	127	.72	.127	14	29	1.03	207	.05	3	1.56	.01	.05	1	50
21000E 17650N	2	25	11	232	.1	23	5	310	.65	7	5	ND	1	52	8.3	2	2	49	2.98	.082	6	13	.78	120	.03	3	.73	.01	.04	1	125
21000E 17700N	2	68	11	471	.5	60	6	330	1.30	11	5	ND	1	61	8.7	2	2	111	3.13	.108	19	23	.83	194	.03	5	1.15	.01	.04	1	150
21000E 17750N	1	23	7	232	.4	34	7	299	2.03	9	5	ND	1	20	1.7	2	2	98	.25	.133	13	29	.47	216	.02	4	1.32	.01	.04	1	65
21000E 17800N	1	21	14	115	.3	22	6	179	2.91	11	5	ND	1	58	1.9	2	2	195	.16	.103	19	41	.38	438	.04	3	1.71	.01	.06	1	30
21000E 17850N	1	32	16	152	.1	34	8	270	3.05	14	5	ND	1	127	1.2	2	2	280	.12	.165	26	51	.38	734	.04	2	1.64	.01	.07	1	25
21000E 17900N	1	23	14	119	.2	29	6	239	2.96	13	5	ND	1	48	.7	2	3	179	.09	.109	20	37	.32	350	.05	4	1.55	.01	.05	1	15
21000E 17950N	1	11	11	90	.1	18	7	224	2.97	11	5	ND	1	18	.2	2	2	74	.09	.030	12	29	.44	250	.06	2	1.84	.01	.04	1	20
21000E 18000N	2	21	10	73	.2	20	6	294	2.92	13	5	ND	1	16	.6	2	2	112	.07	.058	13	26	.30	213	.04	2	1.76	.01	.05	1	35
21000E 18050N	1	9	9	47	.1	15	5	133	2.52	10	5	ND	1	9	.2	2	2	48	.08	.026	11	26	.37	124	.05	2	1.53	.01	.04	1	20
21000E 18100N	1	14	11	62	.1	20	7	197	3.15	13	5	ND	3	11	.2	2	2	57	.08	.033	12	31	.42	137	.06	3	1.66	.01	.04	1	15
21000E 18150N	1	13	14	58	.1	18	7	300	3.01	11	5	ND	1	12	.2	2	2	53	.09	.041	11	28	.37	133	.07	2	1.46	.01	.04	1	15
21000E 18200N	1	15	16	86	.3	19	10	405	3.51	12	5	ND	1	16	.5	2	2	58	.11	.056	14	27	.40	222	.06	3	1.74	.01	.07	1	25
21000E 18250N	1	19	11	75	.2	20	9	369	2.83	9	5	ND	1	15	.9	2	2	49	.11	.053	14	28	.42	183	.05	5	1.64	.01	.05	1	25
21000E 18300N	1	30	11	243	.4	51	9	289	3.06	15	5	ND	2	23	2.2	2	2	179	.31	.313	16	60	.46	176	.05	4	1.86	.01	.06	1	45
21000E 18350N	1	19	13	206	1.3	23	8	347	3.07	12	5	ND	1	13	2.3	2	3	126	.10	.106	12	41	.40	197	.05	2	2.17	.01	.04	1	70
21000E 18400N	1	20	16	126	.1	26	9	333	3.72	15	5	ND	3	16	.7	2	2	166	.11	.073	17	49	.47	157	.06	2	2.32	.01	.04	1	65
21000E 18450N	2	44	14	283	.2	52	8	454	3.58	21	5	ND	1	38	1.4	9	2	719	.39	.520	22	95	.43	261	.04	5	2.45	.01	.10	1	310
21000E 18500N	2	52	15	359	.9	80	6	294	1.77	11	6	ND	1	43	4.9	6	2	345	.48	.507	23	71	.12	268	.01	5	1.05	.01	.10	1	135
21400E 15000N	1	21	17	107	.3	24	6	179	2.45	14	5	ND	7	58	.2	2	2	85	.28	.077	21	30	.43	202	.08	6	1.66	.01	.04	1	10
21400E 15100N	1	16	10	119	.5	23	7	181	2.45	11	5	ND	3	25	.9	2	2	72	.25	.055	14	26	.49	353	.06	3	1.73	.01	.04	1	15
21400E 15150N	1	12	10	79	.2	20	5	142	2.05	11	5	ND	2	26	.2	2	2	56	.22	.048	14	22	.41	359	.06	3	1.44	.01	.04	1	5
21400E 15200N	1	26	13	90	.6	24	6	117	2.21	15	5	ND	1	26	.6	2	2	53	.23	.043	12	14	.43	999	.05	4	1.76	.01	.05	1	30
21400E 15250N	1	28	14	113	.5	30	9	159	2.91	18	5	ND	1	39	.4	2	2	71	.30	.067	18	14	.51	1307	.05	3	2.09	.01	.06	1	45
21400E 15300N	1	22	11	74	.5	20	5	108	1.97	13	5	ND	1	25	.5	2	2	50	.21	.046	13	19	.41	634	.04	2	1.59	.01	.04	1	30
21400E 15350N	1	14	13	86	.3	21	6	203	1.95	17	5	ND	1	25	.2	2	2	58	.21	.041	11	22	.43	383	.06	4	1.53	.01	.03	1	5
21400E 15400N	1	13	8	77	.4	19	4	96	1.64	14	5	ND	2	23	.4	2	2	44	.24	.051	13	21	.39	337	.06	2	1.32	.01	.04	1	15
21400E 15450N	1	21	13	102	.2	24	9	543	2.29	50	5	ND	5	48	.3	4	2	69	.44	.074	22	21	.51	525	.07	2	1.43	.01	.04	1	30
21400E 15500N	1	16	12	73	.2	19	5	168	2.03	32	5	ND	5	35	.2	2	2	55	.36	.032	15	21	.45	318	.07	2	1.30	.01	.04	1	30
21400E 15550N	2	24	12	75	.2	27	10	349	2.53	28	5	ND	10	54	.2	2	2	55	.93	.078	24	27	.56	331	.13	5	1.56	.02	.05	1	25
STANDARD C	18	56	39	132	6.8	70	33	1040	3.99	40	17	6	36	51	18.3	16	18	55	.48	.091	37	59	.88	179	.09	32	1.89	.06	.15	12	1500

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
21400E 15600N	2	17	11	68	.1	22	10	292	2.63	37	5	ND	21	49	.2	2	2	61	.76	.096	34	31	.56	375	.20	4	1.35	.02	.11	1	20
21400E 15650N	1	34	10	85	.2	36	13	273	3.37	16	5	ND	11	53	.2	2	2	76	.47	.089	28	50	.77	1045	.17	6	1.97	.03	.10	1	30
21400E 15700N	1	27	9	94	.2	32	12	380	3.00	16	5	ND	6	38	.6	2	2	59	.42	.084	20	34	.64	388	.11	3	1.52	.02	.11	1	15
21400E 15750N	1	27	11	186	.4	37	11	383	3.30	15	5	ND	7	49	1.5	2	2	166	.59	.154	22	51	.65	498	.17	6	1.81	.02	.14	1	15
21400E 15800N	1	64	12	318	.2	73	25	393	4.47	18	5	ND	11	81	1.3	2	2	220	.89	.308	30	93	1.13	894	.35	4	2.36	.02	.31	1	10
21400E 15850N	1	25	16	396	.2	50	24	978	4.34	12	5	ND	19	91	4.4	4	2	105	1.23	.368	44	69	.80	494	.22	6	2.24	.01	.34	4	15
21400E 15900N	1	14	8	103	.1	24	17	412	3.34	5	5	ND	5	30	.2	2	3	75	.37	.079	16	52	.72	409	.23	4	1.70	.01	.21	1	15
21400E 15950N	1	19	14	81	.1	23	11	292	3.41	22	5	ND	10	38	.5	2	4	72	.45	.101	28	38	.63	302	.17	3	1.68	.01	.17	1	15
21400E 16000N	1	14	18	81	.4	21	15	756	3.40	22	5	ND	10	26	.4	2	2	66	.21	.053	16	31	.52	360	.14	3	1.96	.01	.12	1	25
21400E 16050N	1	28	12	82	.1	22	10	343	3.48	47	5	ND	11	104	.2	2	5	79	.54	.149	50	36	.78	287	.20	4	1.75	.01	.17	1	10
21400E 16100N	1	26	23	120	.2	19	11	714	4.41	59	5	ND	27	67	.6	7	4	78	.34	.143	59	32	.62	245	.19	2	1.82	.01	.27	1	25
21400E 16150N	1	48	76	237	.1	17	20	1265	7.39	71	5	ND	41	156	.7	2	2	86	.67	.224	107	26	.70	358	.34	2	2.53	.02	.45	1	30
21400E 16200N	1	17	65	278	.5	23	21	3392	5.69	17	5	ND	22	45	2.5	2	9	59	.28	.195	46	26	.57	593	.24	2	2.32	.02	.25	1	30
21400E 16250N	1	30	65	226	.3	24	12	804	5.81	29	5	ND	47	47	.3	2	6	71	.29	.217	71	33	.71	269	.20	4	2.90	.01	.24	1	75
21400E 16300N	1	63	29	396	.4	43	22	2200	8.20	42	5	ND	31	125	2.2	5	2	156	.71	.402	151	44	.81	337	.27	7	2.47	.02	.30	1	35
21400E 16350N	1	76	59	167	.1	35	15	1013	7.35	38	5	ND	33	176	.5	12	3	190	.27	.165	56	126	1.62	236	.43	2	2.33	.01	.64	1	20
21400E 16400N	1	25	28	71	.1	16	7	343	4.11	46	5	ND	13	30	.3	5	2	101	.12	.065	23	34	.48	105	.22	3	1.20	.01	.19	1	15
21400E 16450N	2	17	18	41	.1	12	6	211	2.29	12	5	ND	2	24	.2	2	7	58	.20	.063	23	21	.34	145	.14	2	.94	.01	.11	1	20
21400E 16500N	1	11	18	41	.1	12	5	134	2.40	15	5	ND	1	20	.2	2	2	56	.15	.044	17	25	.37	109	.10	3	1.27	.01	.07	1	30
21400E 16550N	1	14	14	42	.2	11	4	90	1.97	19	5	ND	1	22	.2	2	2	40	.14	.047	18	21	.29	132	.03	2	1.02	.01	.06	1	20
21400E 16600N	1	19	18	59	.1	17	6	145	2.38	16	5	ND	1	56	.2	2	4	53	.37	.087	35	32	.52	199	.09	4	1.24	.01	.07	1	100
21400E 16650N	1	24	13	71	.1	17	7	186	2.86	28	5	ND	1	32	.5	2	5	73	.35	.081	35	34	.65	169	.15	5	1.26	.01	.17	1	25
21400E 16700N	1	21	15	74	.1	18	8	245	3.45	17	5	ND	8	35	.5	2	2	86	.35	.092	32	38	.66	177	.20	5	1.45	.01	.15	1	25
RE 21400E 16500N	1	13	18	47	.1	14	5	141	2.73	20	5	ND	1	21	.3	2	4	61	.16	.048	20	27	.41	118	.10	3	1.42	.01	.09	1	35
21400E 16750N	1	27	24	93	.1	23	11	367	4.13	22	5	ND	10	30	.4	2	2	97	.34	.105	37	48	.81	300	.23	4	1.96	.02	.20	1	25
21400E 16800N	1	53	25	120	.1	30	14	281	4.27	52	5	ND	10	31	.6	5	2	102	.28	.090	40	39	.76	271	.21	2	1.99	.01	.19	1	35
21400E 16850N	1	27	14	60	.3	21	7	144	2.16	20	5	ND	1	69	.3	2	2	51	.18	.084	7	33	.28	340	.07	4	1.00	.01	.10	1	80
21400E 17000N	1	40	14	184	.6	48	10	422	2.21	8	5	ND	1	101	3.1	6	2	64	2.04	.102	16	44	.97	564	.09	6	2.10	.02	.06	1	140
21400E 17050N	2	52	16	136	.4	93	18	274	5.21	12	5	ND	2	295	1.9	20	2	109	1.08	.153	19	135	1.22	989	.16	2	3.33	.02	.26	1	40
21400E 17100N	1	37	17	114	.3	36	9	249	2.34	5	5	ND	2	65	1.0	3	5	46	.99	.057	21	43	2.07	204	.11	3	2.45	.01	.08	1	75
21400E 17150N	1	22	19	164	1.0	34	9	467	2.41	8	5	ND	1	56	2.6	2	2	63	.63	.074	15	33	.57	494	.06	6	2.21	.01	.06	1	120
21400E 17200N	1	19	16	305	.9	28	10	1071	2.58	9	5	ND	1	28	5.0	3	2	80	.28	.099	13	34	.47	351	.05	3	1.83	.01	.04	1	20
21400E 17250N	1	14	15	120	.6	21	6	216	2.73	11	5	ND	1	16	.5	2	2	71	.14	.060	13	35	.51	191	.06	3	1.94	.01	.04	1	25
21400E 17300N	1	18	18	72	.4	17	4	143	2.31	6	5	ND	1	18	.7	2	2	56	.16	.064	13	31	.41	238	.02	2	1.87	.01	.05	1	25
21400E 17350N	1	18	14	89	.1	21	6	129	2.78	11	5	ND	2	17	.2	2	3	56	.18	.042	12	31	.55	209	.06	2	2.04	.01	.05	1	25
21400E 17400N	1	20	17	137	.7	26	8	329	2.86	14	5	ND	1	22	.8	2	2	84	.30	.059	13	39	.61	331	.06	2	2.12	.01	.05	1	30
21400E 17450N	1	13	12	78	1.3	14	5	211	2.17	7	5	ND	1	14	.9	2	2	63	.22	.027	10	24	.39	236	.05	2	1.40	.01	.03	1	25
STANDARD C	17	55	36	132	7.2	69	33	1047	3.92	40	15	7	38	52	18.7	15	18	55	.48	.088	38	58	.89	174	.09	32	1.91	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

4PLE#	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	Hg ppb
400E 17500N	1	28	12	101	.7	25	15	2198	2.64	7	5	ND	1	28	2.6	2	2	60	.44	.054	16	28	.37	466	.05	2	1.83	.02	.05	1	65
400E 17550N	1	22	11	77	.3	31	9	295	2.97	17	5	ND	5	24	.5	2	2	56	.37	.034	17	33	.64	315	.06	3	2.14	.01	.06	1	30
400E 17600N	1	18	17	229	.6	34	12	301	3.98	12	5	ND	4	22	1.3	2	2	97	.29	.054	17	48	.65	255	.09	2	2.85	.01	.07	1	35
21400E 17800N	1	34	12	228	.6	49	5	150	2.10	9	5	ND	1	34	1.8	2	2	108	.64	.064	17	55	.69	358	.06	2	1.68	.01	.06	1	35
400E 17650N	1	16	13	82	.2	21	7	235	3.08	11	5	ND	3	25	.8	2	2	62	.31	.039	14	30	.56	201	.08	3	2.09	.02	.08	1	15
400E 17700N	2	43	14	442	.5	66	8	245	2.95	16	5	ND	2	23	3.1	6	2	120	.34	.062	19	38	.91	272	.06	4	2.20	.01	.07	1	105
400E 17750N	2	24	14	184	.4	35	10	289	3.49	18	5	ND	2	19	1.7	3	4	92	.25	.052	15	40	.84	261	.07	17	2.40	.01	.06	1	20
400E 17800N	1	32	9	211	.5	44	5	147	1.90	7	5	ND	1	34	1.6	2	2	101	.61	.061	16	56	.66	333	.06	2	1.43	.01	.07	1	30
400E 17850N	1	19	12	119	.2	23	3	62	1.55	6	8	ND	1	17	.6	2	2	52	.17	.236	14	40	.28	177	.01	3	1.28	.01	.06	1	80
400E 17900N	1	20	10	173	.1	40	7	184	2.48	8	9	ND	1	20	.8	2	2	87	.24	.126	17	49	.57	187	.03	5	2.04	.01	.07	1	30
400E 17950N	5	48	19	169	.1	35	4	148	4.29	28	5	ND	1	53	.8	18	2	261	.07	.102	41	65	.69	543	.04	5	2.10	.01	.10	1	25
400E 18000N	3	28	16	87	.2	17	5	152	2.39	11	7	ND	2	30	.8	2	2	98	.13	.078	26	30	.43	305	.04	3	1.49	.01	.08	1	20
400E 18050N	3	31	11	100	.1	21	9	307	2.60	12	5	ND	1	27	.7	2	2	82	.16	.076	22	34	.44	257	.05	4	1.87	.01	.07	1	30
400E 18100N	1	16	8	75	.1	20	8	215	2.66	9	5	ND	4	16	.3	2	2	42	.16	.040	18	28	.46	171	.05	4	1.95	.01	.08	1	20
400E 18150N	1	17	8	56	.1	15	5	125	2.06	6	5	ND	3	12	.2	2	2	32	.10	.029	22	23	.36	126	.05	5	1.04	.01	.11	1	10
400E 18200N	1	16	9	58	.1	17	6	187	2.30	8	5	ND	1	13	.4	2	2	42	.13	.041	15	26	.39	105	.05	2	1.58	.01	.06	1	25
400E 18250N	1	14	9	56	.1	15	5	134	2.10	8	5	ND	1	14	.2	2	2	43	.13	.041	15	25	.34	104	.04	3	1.30	.01	.06	1	30
400E 18300N	1	18	10	64	.1	18	7	232	2.66	9	5	ND	1	15	.3	2	2	50	.15	.039	14	28	.41	117	.05	2	1.60	.01	.06	1	25
400E 18350N	1	20	7	69	.1	21	10	324	2.59	11	5	ND	3	15	.2	2	2	45	.15	.043	15	27	.45	128	.06	2	1.71	.01	.06	1	25
400E 18400N	1	15	10	68	.1	17	7	221	3.72	13	5	ND	1	15	.2	2	2	68	.12	.037	14	32	.48	140	.06	3	1.61	.01	.05	1	20
400E 18450N	1	14	10	53	.1	16	5	163	2.51	9	5	ND	1	14	.2	2	2	54	.11	.046	17	30	.39	146	.05	2	1.83	.01	.05	1	30
400E 18500N	1	15	9	66	.1	19	6	236	3.93	14	5	ND	3	13	.2	2	2	76	.09	.043	15	35	.38	90	.09	2	1.67	.01	.07	1	20
800E 15000N	1	33	36	93	1.1	42	39	2261	3.59	96	7	ND	2	41	1.2	2	2	80	.43	.105	23	66	.84	695	.10	2	2.19	.02	.10	1	75
800E 15050N	1	24	13	216	2.7	38	11	345	3.57	26	5	ND	4	23	.8	3	2	125	.19	.053	15	46	.60	449	.08	3	2.52	.01	.05	1	45
800E 15100N	1	29	15	833	1.9	52	14	1431	2.74	18	5	ND	5	42	7.8	2	2	190	.35	.176	18	42	.43	1092	.07	3	1.85	.01	.06	1	120
800E 15150N	5	54	30	1153	.9	80	8	1303	2.18	14	5	ND	7	206	14.2	9	2	606	1.44	.404	28	78	.28	2270	.08	4	1.20	.02	.08	1	45
800E 15200N	3	29	15	535	2.4	57	10	351	3.64	24	5	ND	7	31	3.2	2	2	279	.24	.060	17	68	.64	784	.09	2	2.97	.01	.07	1	95
800E 15250N	5	122	18	532	3.2	92	9	325	3.06	16	5	ND	1	41	5.8	2	2	351	.23	.201	20	64	.43	2201	.05	2	2.34	.02	.07	1	80
800E 15300N	1	30	10	85	.6	24	5	105	1.75	7	5	ND	1	23	.6	2	2	58	.20	.047	14	29	.34	567	.04	2	1.66	.01	.05	1	15
800E 15350N	2	29	16	146	.3	39	9	195	3.44	39	5	ND	6	38	.8	3	2	106	.29	.073	18	50	.68	856	.12	3	2.35	.01	.08	1	10
800E 15400N	2	47	17	148	.2	43	12	182	3.62	37	5	ND	4	55	1.0	10	2	136	.30	.071	20	60	.85	1640	.15	5	2.43	.02	.09	1	20
800E 15450N	1	37	14	141	.5	35	12	401	3.18	16	5	ND	2	32	.4	2	2	91	.24	.044	18	42	.60	1449	.09	3	2.10	.01	.08	1	25
800E 15500N	1	32	14	139	.1	35	9	203	3.35	25	5	ND	5	38	.4	2	3	122	.29	.061	22	41	.69	869	.13	2	2.27	.01	.08	1	15
800E 15550N	3	31	14	137	.6	30	9	283	2.89	19	5	ND	5	39	.3	2	2	110	.29	.057	20	37	.60	1051	.11	2	2.13	.01	.09	1	25
800E 15600N	1	37	12	129	.6	38	9	179	2.77	28	5	ND	5	42	1.0	2	2	90	.35	.063	19	44	.73	884	.10	2	2.48	.01	.08	1	35
800E 15650N	1	53	23	173	.9	47	11	326	2.55	50	5	ND	3	62	1.8	2	2	101	.49	.069	20	46	.78	664	.09	2	2.27	.02	.06	1	30
800E 15700N	1	35	12	181	1.2	39	7	260	2.59	23	5	ND	5	37	1.3	2	2	119	.38	.062	17	44	.63	674	.09	2	2.07	.01	.05	1	15
ANDARD C	17	61	35	132	7.5	71	33	1049	3.92	39	23	6	40	52	18.6	16	18	55	.49	.085	39	58	.88	167	.09	31	1.86	.06	.15	13	1500

mples beginning 'RE' are duplicate samples.

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	Hg ppb
21800E 15750N	1	26	9	138	1.0	35	6	194	2.43	53	5	ND	1	29	1.0	2	2	77	.31	.043	13	27	.54	960	.07	2	1.55	.01	.04	1	10
21800E 15800N	1	24	6	129	1.7	31	5	152	2.13	15	5	ND	1	26	1.1	2	2	69	.24	.042	12	25	.42	618	.06	2	1.47	.01	.04	1	15
21800E 15850N	1	17	7	102	.4	26	6	253	2.19	28	5	ND	4	22	.4	2	2	93	.28	.038	14	29	.52	397	.07	2	1.62	.01	.04	1	15
21800E 15900N	2	21	7	98	.3	33	7	194	2.48	36	5	ND	4	27	.3	2	2	91	.23	.021	13	33	.65	376	.08	2	1.97	.01	.03	1	15
21800E 15950N	2	27	15	190	1.0	42	8	290	2.61	78	5	ND	6	45	.7	2	2	143	.32	.019	15	8	.82	2041	.13	2	2.13	.02	.04	1	15
21800E 16000N	1	10	9	102	.6	20	5	159	2.18	19	5	ND	3	16	.4	2	2	95	.16	.018	12	26	.47	234	.06	2	1.59	.01	.02	1	75
21800E 16050N	3	19	14	244	1.9	36	9	332	3.62	43	5	ND	3	17	1.0	3	2	119	.18	.028	12	41	.50	455	.07	2	2.47	.01	.04	1	80
21800E 16100N	1	19	15	308	2.0	32	10	424	2.94	14	5	ND	3	19	1.1	2	2	96	.25	.112	12	29	.53	1054	.06	2	2.25	.01	.05	1	75
21800E 16150N	1	21	11	175	.3	37	10	251	3.09	12	5	ND	3	13	.4	2	2	93	.13	.040	14	33	.53	501	.07	2	2.35	.01	.04	1	25
21800E 16200N	2	38	15	1627	1.1	162	8	280	2.38	20	5	ND	2	72	10.0	5	2	649	.52	.132	15	8	.45	3310	.08	2	1.83	.01	.05	7	35
21800E 16250N	1	35	10	275	1.0	50	4	123	1.83	13	5	ND	1	22	3.6	5	2	117	.21	.070	12	18	.29	1119	.02	2	1.04	.01	.04	1	70
21800E 16300N	2	30	14	300	.2	55	6	207	2.61	26	5	ND	1	45	.7	8	2	152	.32	.178	19	17	.35	1943	.02	2	1.25	.01	.06	1	15
21800E 16350N	5	159	87	2209	4.7	227	8	281	2.27	73	5	ND	1	95	18.2	36	2	322	.99	.200	18	51	.41	2224	.03	2	1.61	.01	.05	11	80
21800E 16400N	1	28	18	139	3.2	33	2	38	1.03	5	5	ND	1	42	.7	6	2	20	.47	.127	11	28	.14	1177	.01	3	.69	.01	.04	1	140
21800E 16500N	3	90	16	644	2.2	98	7	272	1.99	33	5	ND	1	67	4.4	11	2	173	.85	.180	15	31	.66	1695	.03	2	1.49	.01	.04	2	225
21800E 16600N	3	34	10	299	.9	45	6	179	2.00	17	5	ND	2	104	1.8	4	2	107	.66	.084	20	24	.85	1151	.08	2	1.69	.02	.04	1	55
21800E 16650N	2	137	16	1204	3.0	243	9	254	1.94	60	5	ND	1	124	27.2	66	2	359	2.08	.149	11	17	.45	2261	.05	8	1.40	.01	.05	5	120
21800E 16700N	2	45	18	555	1.8	75	14	508	2.21	32	5	ND	1	52	6.1	14	2	85	.99	.135	9	17	.48	1695	.05	4	1.60	.01	.06	1	35
21800E 16750N	4	26	18	1402	.7	60	11	485	2.32	12	5	ND	2	44	14.2	22	2	168	.89	.085	11	22	.46	673	.07	4	1.84	.01	.08	6	20
RE 21800E 16500N	2	85	13	642	2.0	94	7	269	1.92	32	5	ND	1	65	4.5	10	2	170	.82	.169	15	31	.64	1623	.03	4	1.47	.01	.04	2	240
21800E 16800N	2	9	18	116	.3	17	7	231	2.30	10	5	ND	1	34	.6	9	2	66	.22	.018	9	14	.39	760	.12	2	1.45	.02	.05	1	10
21800E 16850N	2	15	17	117	.5	21	14	559	2.38	8	5	ND	1	65	.8	2	2	55	.54	.026	9	13	.35	801	.08	2	1.56	.02	.05	1	20
21800E 16900N	6	17	12	86	.4	27	7	196	3.14	53	5	ND	3	24	.2	4	2	72	.14	.016	13	29	.55	339	.08	2	2.19	.01	.05	1	20
21800E 16950N	4	92	13	112	.5	129	46	491	3.32	13	5	ND	2	137	1.0	5	2	65	1.86	.068	23	52	1.32	1152	.23	5	2.30	.03	.07	1	65
21800E 17000N	2	23	15	90	.2	53	17	271	4.01	16	5	ND	1	31	.5	3	2	82	.25	.038	10	46	1.07	520	.26	2	2.24	.02	.15	1	15
21800E 17050N	1	24	17	82	.6	27	10	533	2.88	63	5	ND	3	57	.2	13	2	58	.63	.041	12	37	.99	390	.17	2	2.47	.02	.07	1	15
21800E 17100N	2	28	26	105	.6	34	14	971	3.03	35	5	ND	3	49	.8	8	2	77	.53	.096	15	37	.83	314	.14	2	2.34	.01	.05	1	15
21800E 17150N	2	10	15	165	.3	18	11	417	2.73	5	5	ND	1	23	3.9	2	2	57	.36	.082	10	27	.41	163	.09	2	1.49	.01	.07	1	5
21800E 17200N	1	16	19	284	.6	22	17	871	3.49	10	5	ND	7	30	1.4	2	2	61	.41	.123	20	26	.68	502	.16	5	1.80	.01	.19	1	15
21800E 17250N	1	14	14	79	.4	17	13	482	3.22	8	5	ND	11	15	.2	2	2	60	.16	.033	27	29	.55	265	.11	2	2.08	.01	.07	1	30
21800E 17300N	1	8	13	61	.2	14	9	432	2.94	9	5	ND	2	13	.2	2	2	57	.13	.041	15	26	.46	194	.08	2	1.62	.01	.06	1	25
21800E 17350N	1	16	13	75	.2	21	9	296	3.65	10	5	ND	10	20	.2	2	2	66	.20	.044	23	32	.64	280	.14	2	2.17	.01	.09	1	15
21800E 17400N	1	10	12	58	.1	14	7	232	3.21	8	5	ND	3	16	.2	2	2	61	.15	.029	15	28	.52	163	.12	2	1.74	.01	.06	1	15
21800E 17450N	1	8	15	40	.1	11	4	116	2.23	7	5	ND	1	11	.2	2	2	58	.12	.032	15	26	.38	79	.08	2	1.37	.01	.06	1	20
21800E 17500N	2	13	11	109	.1	24	8	305	4.12	10	5	ND	4	13	.7	2	2	76	.12	.046	14	41	.61	234	.10	2	2.84	.01	.04	1	20
21800E 17550N	1	29	19	275	.3	36	5	335	4.11	17	5	ND	3	23	.9	3	2	157	.13	.074	16	46	.46	146	.19	2	1.78	.01	.08	1	20
21800E 17600N	1	11	13	73	.1	18	9	307	2.96	8	5	ND	2	23	.3	2	2	56	.24	.050	19	34	.59	204	.09	2	1.83	.01	.05	1	15
STANDARD C	18	56	35	134	6.6	71	31	1052	4.01	38	17	6	36	50	18.4	16	19	56	.49	.092	38	59	.89	180	.09	34	1.90	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

AMPLE#	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	Hg ppb
1800E 17650N	1	13	13	50	.6	13	4	87	1.65	4	5	ND	1	20	.4	2	2	39	.16	.050	11	26	.29	138	.02	2	1.22	.01	.04	1	40
1800E 17700N	1	26	19	114	1.1	28	8	227	2.54	19	5	ND	1	30	.6	2	2	69	.36	.075	15	40	.56	260	.04	2	1.67	.01	.05	1	15
1800E 17750N	2	19	11	98	.5	18	6	216	1.68	11	5	ND	1	30	.8	2	2	50	.32	.065	12	32	.30	169	.03	2	.84	.01	.07	1	15
1800E 17800N	2	25	15	121	.8	29	8	291	1.85	10	5	ND	1	45	2.9	2	2	58	.63	.105	12	52	.51	312	.05	4	1.14	.02	.09	1	40
1800E 17850N	1	23	16	232	1.6	36	13	519	3.19	5	5	ND	1	35	1.4	2	3	119	.22	.050	15	47	.45	324	.07	2	2.32	.01	.03	1	15
1800E 17900N	1	31	19	196	2.3	56	14	296	3.21	15	5	ND	6	41	.9	2	2	121	.34	.046	18	71	.80	323	.09	3	2.87	.01	.05	1	35
1800E 17950N	1	15	31	201	.1	27	12	491	2.88	9	5	ND	1	21	.7	2	2	80	.16	.051	14	46	.50	168	.05	2	1.97	.01	.04	1	10
1800E 18000N	1	38	59	706	.2	86	9	423	3.10	13	5	ND	1	45	1.3	2	3	118	.58	.216	15	72	.70	231	.05	2	1.72	.01	.06	1	5
1800E 18050N	1	34	26	625	.1	75	9	334	2.83	9	5	ND	1	26	2.6	2	2	124	.30	.115	21	37	.59	230	.04	3	1.90	.01	.04	1	35
1800E 18100N	6	93	22	1314	1.5	219	15	488	3.83	18	5	ND	1	28	3.8	7	4	289	.24	.151	17	48	.50	238	.03	2	2.10	.01	.07	1	65
1800E 18150N	2	19	14	133	.2	20	10	387	3.76	9	5	ND	3	13	.5	2	2	77	.09	.055	13	29	.31	132	.06	2	1.73	.01	.04	1	5
1800E 18200N	3	59	25	150	.9	22	9	236	5.08	21	5	ND	1	34	1.5	4	2	56	.07	.150	31	33	.22	392	.02	2	1.56	.02	.15	1	15
1800E 18250N	8	32	41	243	.6	35	10	303	3.93	19	5	ND	1	25	1.2	2	2	143	.11	.096	19	32	.34	134	.03	2	1.54	.01	.06	1	5
1800E 18300N	1	14	11	61	.2	16	7	136	2.59	7	5	ND	1	12	.4	2	2	53	.09	.039	14	27	.34	115	.03	3	1.56	.01	.04	1	5
1800E 18350N	2	10	10	57	.1	11	5	117	2.61	6	5	ND	1	16	.3	2	2	101	.09	.042	14	26	.28	134	.04	3	1.38	.01	.04	1	5
1800E 18400N	2	14	10	66	.1	17	7	182	2.61	8	5	ND	1	15	.2	2	2	91	.09	.046	14	31	.34	118	.04	3	1.52	.01	.04	1	5
1800E 18450N	1	11	7	46	.1	13	5	98	2.34	5	5	ND	1	13	.2	2	2	57	.09	.029	12	26	.30	121	.03	3	1.36	.01	.03	1	5
1800E 18500N	1	13	11	55	.1	15	8	218	2.78	10	5	ND	1	14	.2	2	2	58	.10	.045	15	29	.36	120	.05	2	1.56	.01	.04	1	5
2200E 15000N	3	18	9	172	.4	29	6	172	2.18	14	5	ND	3	40	.8	2	3	110	.31	.036	16	26	.37	588	.06	2	1.27	.01	.06	1	5
2200E 15050N	2	22	13	368	.6	21	21	2916	1.85	3	9	ND	1	61	16.0	2	2	60	.54	.092	10	19	.27	1585	.05	2	.96	.01	.08	1	5
2200E 15100N	5	65	20	266	.4	50	36	1913	3.61	23	5	ND	1	45	1.4	2	2	138	.15	.090	24	50	.36	885	.06	2	1.77	.01	.06	1	5
2200E 15150N	2	20	8	82	1.0	17	11	296	3.27	14	5	ND	3	17	.3	2	2	69	.12	.035	12	30	.42	737	.06	3	1.90	.01	.05	1	5
2200E 15200N	2	17	15	80	.5	19	12	312	3.37	11	5	ND	2	19	.3	2	2	67	.12	.036	13	29	.43	475	.08	2	1.68	.01	.05	1	5
2200E 15250N	1	13	10	98	.4	17	18	1256	3.13	15	5	ND	1	19	.2	2	2	61	.16	.064	13	28	.39	575	.06	2	1.65	.01	.08	1	5
2200E 15300N	2	14	21	69	.6	17	14	460	3.23	31	5	ND	1	15	.3	2	2	60	.12	.062	12	30	.37	484	.05	2	1.84	.01	.05	1	5
2200E 15350N	1	16	18	60	.2	18	10	191	3.57	19	5	ND	3	16	.2	2	2	67	.12	.031	14	31	.38	589	.06	2	1.88	.01	.05	1	5
2200E 15400N	1	19	22	94	.7	16	19	1485	3.38	13	5	ND	1	23	.2	2	2	66	.18	.047	13	29	.33	1681	.06	2	1.95	.01	.06	1	5
2200E 15450N	1	20	24	75	.2	19	16	410	3.41	54	5	ND	4	13	.4	2	2	68	.09	.022	15	36	.44	905	.07	3	2.72	.01	.04	1	5
2200E 15750N	1	131	25	227	4.3	86	29	1034	2.34	130	8	ND	1	104	3.8	17	2	106	1.26	.102	23	41	2.15	1658	.07	5	1.57	.01	.08	1	55
E 22200E 15300N	1	17	14	70	.9	18	15	454	3.13	28	6	ND	2	15	.2	2	2	58	.13	.060	12	29	.39	481	.05	2	1.76	.01	.05	1	5
2200E 15800N	3	207	24	882	4.7	164	15	568	3.12	122	12	ND	1	156	9.5	18	2	212	1.65	.211	39	73	.77	877	.05	4	1.47	.02	.06	1	80
2200E 15850N	4	116	18	2064	4.2	179	10	293	2.26	83	13	ND	1	285	18.5	35	2	383	1.71	.543	39	114	.71	1306	.04	6	1.67	.02	.11	1	5
2200E 16100N	2	117	7	722	1.5	114	8	456	1.04	17	5	ND	1	291	28.6	9	2	272	5.47	.192	13	29	.16	3031	.02	4	.70	.01	.03	1	100
2200E 16150N	5	106	38	2006	2.5	192	16	352	1.80	64	8	ND	5	344	30.1	17	2	530	4.13	.315	29	56	.47	9384	.04	7	1.17	.02	.08	1	5
2200E 16200N	1	221	17	1691	3.9	228	14	512	1.48	22	21	ND	1	435	35.3	9	2	355	5.55	.313	24	57	.64	9670	.04	15	.91	.02	.07	1	5
2200E 16350N	3	34	40	162	.6	37	15	245	3.91	52	5	ND	2	46	2.0	29	2	76	.31	.043	15	35	.49	1272	.09	2	1.67	.01	.12	1	5
2200E 16400N	1	32	34	141	.8	45	30	619	3.82	33	7	ND	2	36	.8	13	2	70	.26	.047	13	42	.58	1495	.09	2	2.11	.01	.10	1	5
TANDARD C	19	57	38	130	7.3	69	32	1040	3.91	42	18	7	39	52	18.4	15	21	56	.47	.089	39	58	.88	170	.09	33	1.86	.06	.14	11	1600

amples beginning 'RE' are duplicate samples.

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	Hg ppb
22200E 16450N	2	36	24	181	.7	43	32	1475	3.61	18	5	ND	1	57	2.2	9	2	73	.49	.060	10	22	.68	1849	.12	2	1.94	.02	.13	1	30
22200E 16500N	1	31	22	151	.3	64	24	636	4.58	16	5	ND	1	71	.7	9	2	111	.55	.057	10	40	1.22	2115	.20	4	2.96	.03	.12	1	20
22200E 16550N	1	11	17	132	.1	24	16	378	2.66	12	5	ND	1	28	.8	3	2	53	.29	.044	10	17	.43	819	.07	2	1.71	.01	.07	1	15
22200E 16600N	1	13	14	106	.2	25	15	599	2.69	17	5	ND	1	42	.8	3	2	48	.51	.069	10	15	.49	1032	.07	2	1.55	.01	.11	1	15
22200E 16650N	1	36	20	151	.2	67	28	479	4.36	32	5	ND	1	104	1.4	16	2	105	.77	.078	13	26	1.44	3074	.22	2	2.72	.03	.31	1	20
22200E 16700N	1	31	12	72	.3	46	12	226	2.98	15	5	ND	2	61	.5	5	2	77	.47	.048	13	33	1.05	1598	.21	2	2.02	.03	.15	1	115
22200E 16750N	2	21	25	175	.4	54	23	330	4.27	45	5	ND	2	35	1.0	12	2	113	.29	.041	10	44	1.11	1232	.21	2	2.80	.02	.11	1	20
22200E 16800N	1	26	44	76	.6	46	37	1579	3.38	9	5	ND	1	92	.6	2	2	74	.81	.098	16	29	.96	2159	.17	4	2.09	.02	.17	1	60
22200E 16900N	1	15	12	105	.1	45	26	509	4.27	16	5	ND	1	31	.5	2	2	79	.26	.049	10	43	.79	1506	.23	2	2.71	.01	.12	1	15
22200E 16950N	1	30	9	73	.1	54	16	285	3.70	7	5	ND	3	46	.3	2	2	91	.43	.080	17	49	1.43	1100	.30	2	2.33	.03	.13	1	15
22200E 17000N	1	32	11	71	.1	57	17	257	4.27	7	5	ND	5	31	.2	2	2	108	.22	.038	14	62	1.21	718	.38	2	2.67	.02	.09	1	30
22200E 17050N	2	12	17	95	.5	22	15	460	3.59	8	5	ND	4	23	.6	2	2	105	.21	.041	12	43	.43	223	.21	2	1.55	.01	.10	1	20
22200E 17100N	2	26	12	71	.2	55	14	138	7.07	10	5	ND	1	12	.3	2	2	149	.10	.061	17	150	.44	315	.25	2	2.77	.01	.07	1	30
22200E 17150N	1	36	13	51	.1	64	13	240	3.46	7	5	ND	1	105	.4	2	2	78	.50	.057	15	77	.51	750	.18	2	1.80	.02	.08	1	15
22200E 17200N	1	28	8	59	.4	46	10	678	2.01	4	5	ND	1	124	.3	2	2	19	4.35	.142	14	18	.25	242	.03	10	1.17	.02	.03	1	60
22200E 17250N	1	18	13	42	.2	10	3	123	1.33	3	5	ND	1	11	.8	2	2	42	.13	.042	9	13	.10	111	.05	2	.69	.01	.04	1	25
22200E 17300N	2	22	12	48	.3	16	5	211	1.98	5	5	ND	1	23	.2	2	2	51	.17	.059	12	24	.34	196	.09	5	1.36	.01	.09	1	45
22200E 17350N	1	28	17	91	.5	24	9	284	2.32	8	5	ND	1	36	.6	2	2	41	.33	.060	16	27	.58	373	.08	5	2.10	.01	.09	1	60
22200E 17400N	1	18	14	50	.2	17	5	127	1.76	5	5	ND	1	40	.4	2	2	35	.26	.059	12	19	.26	233	.05	2	1.17	.01	.05	1	40
22200E 17500N	1	35	17	165	.6	37	11	377	2.33	26	5	ND	2	81	1.4	4	2	37	2.33	.075	23	23	.90	445	.05	10	1.95	.02	.05	1	95
22200E 17550N	2	13	2	73	.1	11	1	47	.32	2	5	ND	1	71	.7	3	2	10	3.56	.058	2	5	.09	95	.01	10	.27	.01	.02	1	60
22200E 17700N	1	35	14	252	1.3	42	7	191	2.13	8	5	ND	1	39	3.6	2	2	135	.53	.053	15	34	.67	293	.05	4	1.51	.01	.04	1	35
22200E 17750N	1	64	16	348	1.1	65	9	440	2.53	24	5	ND	2	74	4.2	2	4	143	1.72	.144	20	41	.75	324	.06	4	1.77	.02	.04	1	50
22200E 17800N	1	46	9	428	1.2	43	6	381	1.98	8	5	ND	1	70	26.4	2	2	122	1.02	.182	17	33	.52	363	.04	2	1.30	.01	.05	1	60
22200E 17850N	2	29	13	230	.8	33	10	421	2.21	7	5	ND	1	46	6.5	2	3	72	.60	.104	11	29	.32	212	.06	4	1.30	.02	.06	1	60
22200E 17900N	1	14	12	368	.4	27	8	352	1.94	3	5	ND	1	45	6.4	2	2	65	.59	.143	10	29	.32	279	.05	6	1.22	.01	.05	1	30
22200E 17950N	1	10	15	344	.1	30	7	269	3.51	10	5	ND	1	14	2.6	2	2	128	.13	.033	11	35	.46	185	.07	2	2.50	.01	.04	2	15
22200E 18000N	1	47	19	978	.9	79	8	440	2.67	10	5	ND	1	79	9.0	2	2	335	.74	.245	21	50	1.14	346	.06	6	1.90	.01	.06	4	25
RE 22200E 17800N	1	45	12	431	1.3	43	6	386	1.94	8	5	ND	1	69	27.4	2	2	121	1.02	.180	17	32	.51	360	.04	4	1.27	.01	.05	1	70
22200E 18050N	1	57	13	1085	1.3	93	9	277	2.20	21	5	ND	1	96	13.8	2	2	320	1.93	.117	15	37	.52	447	.04	6	1.79	.01	.04	4	30
22200E 18150N	1	33	18	621	.6	49	8	208	2.36	11	5	ND	3	75	2.8	2	2	277	1.09	.140	20	42	.52	216	.09	52	1.63	.01	.06	2	15
22200E 18200N	1	43	14	565	.7	73	8	225	2.26	8	5	ND	1	57	4.1	2	2	161	.57	.166	21	36	.58	230	.06	4	1.55	.01	.06	2	25
22200E 18250N	2	41	13	659	.5	73	9	359	2.46	6	5	ND	1	54	4.0	2	2	196	.48	.146	20	42	.65	263	.06	3	1.73	.01	.07	2	40
22200E 18300N	1	35	12	623	.5	68	7	207	2.40	8	5	ND	1	65	4.6	2	2	126	.55	.077	18	33	.64	289	.06	2	1.84	.01	.06	2	25
22200E 18400N	3	31	13	108	.2	39	10	266	2.88	16	5	ND	4	29	.3	6	2	55	.92	.057	23	32	1.64	116	.05	6	1.58	.01	.17	1	35
22200E 18450N	3	26	28	138	.4	32	9	225	3.08	21	5	ND	12	39	.3	102	2	49	.84	.055	45	27	1.30	238	.07	2	1.84	.01	.09	1	235
22200E 18500N	2	31	20	145	2.2	28	9	301	2.47	25	5	ND	8	35	.5	135	2	56	.74	.084	35	38	1.35	255	.04	2	1.82	.01	.07	1	145
STANDARD C	18	57	41	132	7.1	70	34	1044	3.97	41	16	7	38	52	18.5	16	19	55	.50	.089	38	59	.89	177	.09	33	1.88	.06	.15	11	1300

Samples beginning 'RE' are duplicate samples.

MPLE#	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	Hg ppb
2600E 15350N	2	43	26	83	.4	34	12	147	4.31	53	5	ND	4	18	.3	14	2	55	.07	.048	15	34	.46	310	.07	2	1.89	.01	.11	1	10
2600E 15400N	2	39	21	107	1.5	20	7	209	4.00	36	5	ND	1	19	.4	6	2	64	.09	.077	12	21	.17	292	.05	2	1.58	.01	.06	1	45
2600E 15450N	1	36	10	81	.3	29	11	178	3.32	12	5	ND	3	13	.2	2	2	49	.06	.036	12	27	.30	280	.06	2	2.11	.01	.04	1	15
2600E 15500N	1	29	13	335	.1	29	50	2043	3.49	2	5	ND	1	18	1.2	2	2	53	.11	.103	10	28	.28	435	.04	2	1.88	.01	.07	1	35
2600E 15550N	1	23	11	79	.1	21	10	189	3.98	55	5	ND	2	17	.3	4	2	53	.06	.057	12	22	.26	240	.06	2	1.67	.01	.06	1	10
2600E 15600N	1	16	32	65	.2	18	7	189	3.33	71	5	ND	2	15	.2	7	2	54	.08	.047	13	22	.20	262	.05	2	1.34	.01	.05	1	15
2600E 15650N	2	26	16	79	.2	20	7	169	4.31	25	5	ND	1	18	.2	5	2	63	.07	.055	13	21	.20	194	.07	2	1.42	.01	.07	1	20
2600E 15700N	1	20	15	67	.2	15	6	159	3.53	7	5	ND	1	13	.2	2	2	60	.06	.046	12	19	.17	142	.05	2	1.47	.01	.04	1	30
2600E 15750N	3	77	13	122	.3	47	75	868	4.24	54	5	ND	4	16	.2	11	2	65	.06	.067	24	31	.35	403	.05	2	2.06	.01	.14	1	30
2600E 15850N	1	24	12	53	.7	13	5	79	1.36	4	5	ND	1	16	.3	2	2	28	.05	.063	7	12	.06	285	.02	2	.63	.01	.03	1	60
2600E 15900N	5	32	47	102	.7	19	11	1312	4.13	23	5	ND	1	105	.4	15	2	31	.45	.114	10	11	.10	109	.03	2	.77	.02	.30	1	60
2600E 15950N	2	25	14	66	.3	21	5	153	2.27	12	5	ND	1	30	.2	7	2	54	.12	.066	10	23	.18	620	.06	2	.75	.02	.09	1	35
2600E 16000N	2	36	10	64	.2	20	14	869	2.41	5	5	ND	1	27	.2	3	2	26	.19	.139	7	15	.16	421	.02	2	.83	.02	.09	1	165
2600E 16050N	1	49	9	88	.4	29	8	293	2.21	2	5	ND	1	26	.2	2	2	31	.19	.110	18	15	.08	403	.01	2	.94	.02	.04	1	100
2600E 16100N	1	96	12	63	.5	24	4	87	2.04	2	5	ND	1	21	.2	2	2	31	.10	.079	9	15	.05	424	.02	2	.80	.01	.04	1	120
2600E 16150N	1	61	13	113	.5	48	12	227	2.77	3	6	ND	1	46	.3	3	2	35	.19	.073	21	21	.34	1582	.05	2	1.51	.01	.08	1	40
2600E 16200N	6	78	15	620	.9	97	21	1059	1.90	56	23	ND	1	161	10.7	23	2	182	2.24	.169	23	31	.39	440	.05	9	1.19	.02	.05	1	90
2600E 16250N	2	26	11	132	.3	31	12	161	3.44	9	5	ND	3	24	.2	3	2	50	.11	.030	13	23	.34	321	.06	2	1.67	.01	.07	1	10
2600E 16300N	1	17	15	185	.4	29	18	206	3.57	8	5	ND	3	19	.8	7	2	54	.11	.040	16	27	.33	347	.04	2	1.95	.01	.08	1	10
2600E 16350N	1	21	13	133	.2	28	15	164	3.52	11	5	ND	4	21	.2	3	2	51	.11	.033	15	23	.30	389	.05	2	1.78	.01	.08	1	10
2600E 16400N	1	21	13	191	.8	24	17	297	3.76	25	5	ND	3	14	.6	5	2	58	.08	.046	16	24	.31	336	.04	2	2.09	.01	.07	1	10
E 22600E 16250N	1	26	11	126	.3	29	12	157	3.25	8	5	ND	3	23	.5	5	2	51	.11	.029	14	23	.32	309	.06	2	1.69	.01	.07	1	5
2600E 16450N	2	24	11	68	.4	17	6	134	3.60	14	5	ND	3	15	.2	4	2	50	.07	.036	11	21	.26	318	.05	2	1.61	.01	.08	1	10
2600E 16500N	4	27	12	72	.9	25	6	84	2.27	34	5	ND	1	45	.2	12	2	49	.76	.049	11	23	.35	794	.04	2	1.48	.01	.07	1	45
2600E 16550N	2	57	8	121	.4	72	20	428	2.97	30	5	ND	1	111	.9	13	2	80	2.34	.082	9	57	1.21	968	.11	2	1.96	.03	.10	1	35
2600E 16600N	1	41	10	74	1.0	53	19	158	3.24	21	5	ND	1	77	.7	14	2	68	.79	.074	10	50	.88	1989	.14	2	2.21	.02	.10	1	30
2600E 16650N	1	18	2	40	.3	21	6	128	1.10	22	5	ND	1	66	1.0	9	2	16	1.14	.087	2	16	.15	680	.03	2	.58	.01	.06	1	70
2600E 16700N	2	38	5	65	.4	47	11	202	2.28	11	5	ND	1	122	.4	4	2	71	2.36	.078	6	46	.69	689	.10	3	1.34	.03	.08	1	45
2600E 16750N	2	46	8	76	.5	66	19	300	3.97	31	5	ND	1	107	.4	9	2	103	1.12	.093	9	67	1.46	1686	.18	2	2.52	.04	.17	1	25
2600E 16800N	1	32	4	62	.4	44	12	212	2.18	8	5	ND	1	88	.2	5	2	44	2.06	.070	3	33	.47	759	.07	3	1.24	.02	.05	1	45
2600E 16850N	1	41	9	74	.2	65	21	284	3.93	12	5	ND	1	61	.6	9	2	93	.76	.044	6	55	1.36	1718	.19	2	2.51	.03	.27	1	20
2600E 16900N	1	60	11	173	.3	100	35	464	4.59	11	5	ND	1	64	1.2	6	2	96	.69	.065	8	76	1.80	1613	.16	2	3.01	.05	.12	1	30
2600E 16950N	2	37	6	87	.5	43	13	264	4.10	18	5	ND	1	53	2.3	13	3	102	.54	.074	6	49	.84	796	.18	2	1.65	.03	.12	1	40
2600E 17000N	1	32	11	69	.5	32	8	80	2.78	8	5	ND	1	41	.9	9	2	63	.31	.073	4	41	.30	588	.12	2	1.04	.02	.06	1	70
2600E 17050N	1	7	2	56	.1	8	1	30	.36	2	5	ND	1	40	.5	2	2	5	1.65	.070	2	4	.04	110	.01	5	.16	.01	.02	1	65
2600E 17100N	1	35	12	85	.3	35	12	260	2.91	6	5	ND	1	73	.4	6	2	60	.78	.111	10	43	.73	623	.10	4	1.42	.02	.26	1	70
2600E 17150N	1	27	6	27	.4	22	3	24	1.35	3	5	ND	1	35	.2	2	2	9	.23	.071	9	27	.07	143	.03	2	.79	.01	.02	1	45
TANDARD C	19	57	37	134	7.5	71	32	1047	4.01	39	25	8	39	52	17.2	15	22	57	.47	.096	38	56	.86	177	.08	33	1.94	.06	.14	11	1600

amples beginning 'RE' are duplicate samples.

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	Hg ppb
22600E 17200N	1	30	4	78	.3	35	6	50	2.40	3	5	ND	1	38	.2	2	2	19	.44	.090	9	25	.17	186	.04	2	1.18	.01	.03	1	55
22600E 17250N	2	82	12	133	1.0	66	17	270	8.73	188	5	ND	1	71	.2	8	4	66	.30	.242	15	54	.83	477	.15	5	1.98	.04	.19	1	45
22600E 17300N	1	68	9	90	.7	69	16	200	4.46	48	5	ND	1	74	.3	2	2	55	.74	.140	16	66	1.00	574	.14	6	2.00	.03	.11	1	60
22600E 17350N	1	29	6	71	.3	48	13	303	2.53	18	5	ND	1	105	.2	4	2	53	3.73	.131	13	71	.58	559	.07	7	1.40	.03	.07	1	45
22600E 17400N	1	43	7	78	.3	39	6	436	1.06	10	5	ND	1	91	1.1	4	2	26	4.97	.129	7	16	.19	225	.02	8	.61	.02	.04	1	70
22600E 17450N	1	18	8	41	.5	9	2	54	.51	2	5	ND	1	50	1.5	2	2	10	1.52	.071	4	6	.06	151	.02	2	.61	.02	.03	1	100
22600E 17500N	1	13	2	44	.2	5	2	236	.41	2	5	ND	1	71	.4	3	2	9	5.12	.064	2	3	.07	146	.01	12	.30	.01	.03	1	65
22600E 17550N	1	32	8	114	.4	56	27	585	3.78	17	5	ND	1	93	.4	6	2	78	1.95	.109	13	37	1.43	1815	.31	5	2.11	.04	.13	1	45
22600E 17600N	1	25	4	81	.4	29	16	500	2.41	13	5	ND	1	73	.2	2	2	56	2.05	.095	10	28	.87	1171	.18	6	1.48	.02	.07	1	45
22600E 17650N	1	32	14	142	.5	34	14	587	2.04	3	5	ND	1	74	1.1	3	2	55	1.77	.086	13	30	.91	845	.07	3	1.66	.02	.05	1	65
22600E 17700N	2	40	15	358	.8	56	9	325	2.15	29	5	ND	1	99	3.9	3	2	153	1.80	.146	29	43	.76	373	.07	7	1.54	.02	.05	1	50
22600E 17750N	1	40	2	95	.3	59	19	650	3.32	4	5	ND	1	106	.7	2	2	101	3.15	.111	14	65	1.45	907	.09	3	2.06	.03	.06	1	55
22600E 17800N	2	33	3	67	.2	40	14	328	3.68	6	5	ND	1	85	.3	2	2	94	2.12	.053	12	52	.97	588	.05	3	2.01	.01	.05	1	25
22600E 17850N	8	36	12	120	.3	47	19	681	5.33	14	5	ND	1	143	.2	6	2	125	.25	.069	15	58	.99	511	.06	2	2.35	.03	.12	1	25
22600E 17900N	1	36	5	61	.5	36	11	499	1.71	2	5	ND	1	149	1.1	2	2	30	3.04	.113	24	18	.25	369	.03	5	1.16	.02	.04	1	120
22600E 17950N	5	32	13	145	1.4	56	29	1405	2.03	3	5	ND	1	116	1.0	2	2	88	2.00	.402	16	66	1.16	449	.04	6	1.48	.01	.08	1	115
22600E 18000N	1	53	9	249	.9	63	9	336	1.88	15	5	ND	1	105	2.1	3	2	131	2.79	.186	14	53	.98	213	.04	14	1.29	.02	.06	1	70
22600E 18050N	1	28	11	136	.8	33	9	397	1.69	7	5	ND	1	70	1.1	57	2	68	1.74	.063	13	27	.52	305	.03	2	1.44	.02	.04	1	55
22600E 18100N	2	38	8	161	1.2	44	9	330	1.82	66	5	ND	2	58	.5	62	2	58	1.61	.063	16	28	.62	287	.03	8	1.28	.01	.07	1	180
22600E 18150N	3	31	12	147	.5	32	8	410	2.08	24	5	ND	2	74	1.2	40	2	72	2.13	.084	25	36	.82	343	.07	8	1.33	.01	.07	1	115
RE 22600E 18000N	1	54	8	255	.9	64	9	331	1.91	15	5	ND	1	109	2.2	4	2	134	2.91	.188	14	53	1.00	217	.04	14	1.31	.02	.06	1	80
22600E 18200N	9	40	24	326	1.0	58	7	199	2.68	387	5	ND	1	41	1.6	393	2	119	.40	.147	23	33	.38	280	.04	4	1.34	.01	.08	1	80
22600E 18250N	3	33	34	106	1.4	17	6	115	4.33	705	5	ND	6	88	.2	213	2	36	.03	.047	49	10	.14	337	.01	2	1.37	.01	.21	1	20
22600E 18300N	1	25	13	76	.7	19	8	220	3.73	35	5	ND	4	18	.2	30	2	47	.05	.041	19	28	.29	135	.02	2	2.34	.01	.08	1	25
22600E 18400N	1	14	16	71	.2	15	8	203	3.19	9	5	ND	4	10	.2	3	2	53	.06	.026	23	21	.25	191	.02	3	1.68	.01	.08	1	15
22600E 18450N	1	17	17	73	.1	18	9	218	3.93	10	5	ND	2	14	.2	2	2	55	.07	.035	17	24	.31	186	.04	2	1.82	.01	.07	1	20
22600E 18500N	1	20	16	70	.1	16	7	207	3.19	18	5	ND	2	16	.2	4	2	41	.05	.039	23	22	.27	117	.02	4	1.43	.01	.08	1	10
23000E 15250N	8	18	7	123	.3	22	4	69	1.37	6	5	ND	1	34	1.7	4	2	90	.18	.043	13	1	.16	2037	.03	4	.61	.01	.07	1	75
23000E 15400N	13	121	28	340	2.8	71	10	158	3.00	30	7	ND	1	74	8.8	10	2	363	.20	.129	15	1	.30	7510	.03	5	2.23	.01	.09	1	220
23000E 15450N	12	24	16	125	1.2	38	10	221	4.06	24	5	ND	3	22	.6	7	2	152	.07	.064	14	14	.38	1264	.05	4	2.41	.01	.09	1	40
23000E 15500N	3	20	20	76	.2	18	6	134	3.54	11	5	ND	1	24	.3	2	2	56	.07	.040	21	8	.35	1060	.03	5	1.50	.01	.14	1	15
23000E 15550N	2	22	18	92	.3	18	9	167	3.52	11	5	ND	5	22	.2	3	2	55	.08	.031	24	16	.39	795	.03	6	1.97	.01	.15	1	10
23000E 15600N	2	10	17	57	.1	9	4	151	2.58	9	5	ND	2	17	.2	2	2	48	.07	.040	24	14	.22	321	.03	2	1.33	.01	.08	1	10
23000E 15650N	2	30	21	108	.2	39	13	315	5.13	17	5	ND	4	22	.2	3	2	63	.08	.062	19	35	.55	363	.06	3	2.22	.01	.11	1	20
23000E 15800N	1	6	9	38	.1	6	3	117	2.14	7	5	ND	3	12	.2	2	2	59	.09	.017	19	14	.15	232	.06	2	1.28	.01	.03	1	10
23000E 15850N	1	98	17	96	.4	49	11	189	2.60	8	5	ND	1	51	1.3	2	2	32	.27	.075	31	1	.39	2845	.03	2	1.58	.01	.10	1	75
23000E 15900N	1	14	17	97	.2	17	13	486	2.93	8	5	ND	2	14	.3	2	2	55	.09	.022	17	16	.27	566	.04	2	1.67	.01	.06	1	10
STANDARD C	18	59	38	133	7.2	71	31	1048	4.00	42	17	8	39	53	18.6	14	20	57	.49	.091	40	59	.89	179	.09	33	1.89	.07	.15	12	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23000E 15950N	3	30	30	141	.4	32	21	537	5.00	14	5	ND	3	19	.5	4	4	51	.07	.071	17	30	.38	328	.05	4	1.72	.01	.08	1	15
23000E 16000N	2	27	22	115	.2	35	15	296	3.76	9	5	ND	5	20	.3	5	2	37	.07	.042	20	27	.40	390	.03	6	1.63	.01	.09	1	15
23000E 16050N	2	27	16	95	.4	26	17	278	3.34	10	5	ND	2	29	.5	2	2	45	.14	.070	33	24	.25	1204	.03	6	1.29	.01	.09	1	30
23000E 16100N	3	32	21	242	.2	50	14	411	3.12	35	5	ND	7	88	1.8	19	2	97	.69	.121	27	45	.87	1552	.12	3	1.51	.02	.14	1	15
23000E 16150N	2	54	14	194	.8	54	18	358	2.66	15	12	ND	2	81	1.1	10	2	58	.63	.084	31	37	.72	998	.07	4	1.70	.02	.10	1	60
23000E 16300N	3	33	17	293	.3	54	13	402	2.58	37	5	ND	5	107	3.1	20	2	96	.98	.136	29	36	.67	1569	.08	6	1.37	.02	.13	1	30
23000E 16350N	3	29	8	137	.8	31	26	776	1.34	4	6	ND	1	139	3.3	3	2	43	1.77	.093	28	12	.25	2082	.03	4	.67	.01	.03	1	90
23000E 16400N	2	28	25	190	.4	47	13	423	2.71	28	5	ND	6	75	1.7	24	2	70	.74	.091	23	43	.82	865	.09	4	1.45	.02	.11	1	15
23000E 16450N	1	28	49	370	.3	32	8	307	2.53	15	7	ND	23	144	2.0	9	2	87	.92	.165	55	43	.92	1233	.17	2	1.68	.02	.21	1	25
23000E 16500N	2	18	19	118	.1	23	10	273	3.98	21	5	ND	5	20	.6	2	2	53	.08	.036	20	26	.42	239	.04	3	1.70	.01	.11	1	5
23000E 16550N	1	17	10	98	.2	14	5	304	2.07	6	5	ND	1	18	.5	2	2	42	.10	.040	20	19	.16	449	.02	6	1.23	.01	.10	1	20
23000E 16600N	2	16	9	97	1.1	13	5	247	1.81	5	5	ND	1	22	.6	2	3	39	.14	.063	16	16	.14	613	.02	3	.96	.01	.10	1	30
23000E 16650N	3	24	21	128	.4	25	11	184	3.44	8	5	ND	2	27	.5	3	2	50	.08	.056	25	23	.30	435	.03	2	1.28	.01	.14	1	20
23000E 16700N	1	24	7	107	.5	23	8	130	2.20	2	5	ND	1	41	.2	2	2	34	.50	.065	10	25	.34	933	.04	2	1.04	.01	.05	1	95
23000E 16850N	3	33	11	157	.2	53	17	316	4.62	55	5	ND	3	91	.6	31	2	105	.79	.103	14	80	1.50	2696	.23	2	2.14	.04	.28	1	30
23000E 16900N	2	35	9	114	.1	51	20	416	4.15	5	5	ND	1	77	1.0	2	6	115	1.20	.067	12	95	1.57	1744	.24	2	2.51	.03	.11	1	20
23000E 16950N	2	23	10	88	.1	26	7	136	2.15	14	5	ND	4	45	.5	2	2	54	.53	.031	15	42	1.22	358	.09	2	1.83	.01	.07	1	30
RE 23000E 17150N	3	13	9	109	1.2	11	3	156	.83	2	5	ND	1	44	.5	2	2	16	.89	.068	4	15	.28	242	.04	6	.47	.01	.05	1	125
23000E 17000N	1	17	14	61	.3	16	4	89	1.76	7	5	ND	3	25	.2	3	2	54	.15	.017	11	38	.80	165	.08	3	1.38	.01	.06	1	20
23000E 17050N	6	21	20	102	1.3	19	5	94	1.50	19	5	ND	1	45	.6	74	2	44	.37	.044	10	22	.53	192	.05	5	.82	.01	.07	1	45
23000E 17100N	2	41	4	90	.7	16	2	63	.72	2	5	ND	1	57	.8	10	3	8	2.76	.080	14	7	.15	534	.01	7	.48	.01	.03	1	130
23000E 17150N	3	14	6	124	1.2	12	2	166	.78	2	5	ND	1	43	.7	2	2	15	.97	.072	4	15	.26	227	.03	4	.45	.01	.06	1	135
23000E 17200N	2	39	6	152	.3	70	20	507	4.11	9	5	ND	3	142	1.4	5	2	93	1.47	.093	19	124	2.04	1984	.25	2	2.73	.03	.16	1	35
23000E 17250N	2	20	17	90	.7	17	6	75	1.52	5	5	ND	1	100	.7	2	2	7	1.07	.086	6	9	.14	277	.02	5	.58	.01	.03	1	60
23000E 17300N	1	16	11	92	1.6	7	3	74	1.72	38	9	ND	3	40	.3	2	4	28	.06	.066	23	12	.11	362	.01	6	.93	.01	.11	1	50
23000E 17350N	1	25	14	75	.7	13	9	152	1.82	33	5	ND	1	63	1.5	2	2	21	.17	.068	15	21	.27	311	.02	4	1.11	.01	.09	1	80
23000E 17450N	1	32	16	100	.2	44	13	201	2.92	24	5	ND	1	53	.5	2	4	54	.28	.064	14	56	.76	465	.10	2	1.76	.02	.09	1	40
23000E 17500N	1	16	6	135	.1	35	14	294	2.63	16	5	ND	1	68	1.0	2	2	50	.71	.089	10	61	.75	468	.12	4	1.32	.02	.07	1	45
23000E 17550N	11	81	161	196	1.2	19	14	567	7.93	548	5	ND	3	69	1.2	69	2	53	.16	.137	15	30	.49	305	.04	2	1.67	.04	.26	1	30
23000E 17600N	7	50	81	190	.7	27	25	562	6.20	247	5	ND	7	86	1.8	26	2	55	.21	.079	15	32	.55	581	.05	2	2.25	.04	.23	1	20
23000E 17650N	23	91	208	198	2.9	23	21	616	6.94	474	5	ND	3	129	2.7	91	28	53	.53	.137	17	27	.49	564	.03	2	1.86	.03	.31	1	40
23000E 17750N	13	103	68	259	.8	33	19	792	3.76	390	5	ND	3	39	5.2	16	9	67	.30	.054	12	28	.42	297	.03	2	1.79	.01	.06	1	30
23000E 17800N	5	28	22	88	1.1	12	5	203	1.90	48	5	ND	1	57	1.9	3	3	39	.34	.046	7	15	.10	126	.05	3	.57	.02	.07	1	30
23000E 17850N	2	21	17	73	.3	18	9	199	3.05	62	5	ND	6	89	.2	14	4	59	.39	.032	32	42	.73	373	.09	4	1.80	.01	.12	1	20
23000E 17900N	2	14	25	86	.1	17	14	551	3.54	47	5	ND	5	25	.5	9	2	90	.22	.037	17	74	.80	266	.20	2	1.36	.01	.14	1	20
23000E 17950N	2	33	8	41	1.0	11	4	120	1.14	16	21	ND	1	177	1.7	2	2	14	2.38	.108	34	12	.17	752	.04	5	.56	.01	.07	1	160
23000E 18050N	1	14	16	72	.1	20	9	321	2.73	11	5	ND	6	25	.2	2	2	48	.23	.039	15	37	.60	257	.07	2	1.53	.01	.08	1	10
STANDARD C	18	58	37	133	7.1	69	32	1047	3.98	42	21	6	39	52	18.5	14	22	55	.48	.091	38	58	.89	176	.09	33	1.89	.06	.15	12	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23000E 18100N	1	12	15	135	.1	16	20	781	3.23	23	5	ND	1	23	.5	4	2	52	.17	.107	16	27	.36	257	.05	6	1.66	.01	.10	1	10
RE 23000E 18150N	3	48	17	71	.4	22	11	190	3.93	307	5	ND	4	66	.5	2	2	90	.12	.044	19	35	.88	474	.10	6	2.60	.01	.16	1	30
23000E 18150N	3	48	16	71	.4	22	11	185	3.96	310	5	ND	5	67	.2	2	2	90	.12	.043	20	34	.89	482	.11	3	2.62	.01	.16	1	20
23000E 18200N	2	15	17	48	.7	16	9	155	3.29	96	5	ND	3	25	.5	4	2	55	.12	.038	14	23	.30	274	.07	7	1.30	.01	.10	1	20
23000E 18250N	2	26	15	85	.1	28	19	302	3.67	41	5	ND	4	23	.3	2	2	57	.13	.036	17	29	.46	320	.07	4	1.82	.01	.10	1	15
23000E 18300N	2	14	11	70	.1	28	27	253	3.47	26	5	ND	5	21	.3	2	2	59	.15	.027	15	30	.48	252	.07	2	1.97	.01	.08	1	10
23000E 18350N	1	32	26	250	.2	66	84	1142	4.56	39	5	ND	4	22	.7	2	2	59	.14	.077	15	36	.53	365	.08	4	2.76	.01	.10	1	25
23000E 18400N	2	20	15	114	.1	19	23	1074	3.67	19	5	ND	2	19	.8	2	2	62	.12	.055	17	28	.31	265	.07	4	1.80	.01	.07	1	30
23000E 18450N	2	17	18	68	.5	13	9	223	3.26	23	5	ND	2	22	.6	4	2	60	.12	.040	19	25	.30	241	.05	3	1.70	.01	.08	1	20
23000E 18500N	2	17	13	66	.2	18	9	189	3.35	17	5	ND	4	16	.6	3	2	50	.08	.035	18	25	.35	198	.05	7	1.61	.01	.08	1	15
STANDARD C	19	58	40	135	7.4	72	32	1065	4.01	40	18	7	40	52	18.8	16	18	57	.50	.090	40	59	.88	178	.09	32	1.90	.06	.15	13	1300

Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE brewery (GM)

Noranda Exploration Co. Ltd. PROJECT 9108-009 327 File # 91-3417 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
23400E 15200N	1	18	34	89	.3	22	8	266	3.00	22	5	ND	4	40	.2	2	2	48	.34	.042	17	22	.56	628	.10	2	1.59	.01	.20	1	5
23400E 15250N	1	21	31	90	.4	27	12	815	3.13	20	5	ND	5	41	.2	2	2	50	.36	.047	17	18	.52	949	.08	7	1.87	.01	.18	1	30
23400E 15300N	1	20	50	101	.3	24	10	333	3.20	29	6	ND	8	25	.2	5	2	50	.20	.038	26	25	.58	643	.10	6	1.80	.01	.16	1	15
23400E 15350N	1	22	49	113	.2	25	12	380	3.42	25	5	ND	10	34	.2	5	2	56	.30	.063	24	22	.63	819	.15	5	1.83	.01	.26	1	10
23400E 15400N	1	12	9	72	.3	17	8	241	1.98	10	5	ND	2	51	.2	2	2	37	.52	.030	10	11	.35	609	.05	8	1.01	.01	.13	1	35
23400E 15450N	1	10	33	111	.1	19	12	403	2.71	33	5	ND	5	24	.3	2	2	47	.22	.033	15	17	.44	711	.06	4	1.83	.01	.11	1	10
23400E 15500N	1	8	38	219	.4	17	26	348	2.48	20	7	ND	4	18	.8	2	2	42	.16	.028	16	16	.35	538	.04	7	1.75	.01	.09	1	5
23400E 15550N	1	12	25	152	.1	20	19	539	2.65	43	5	ND	4	30	.7	3	2	42	.25	.041	16	9	.42	1030	.05	5	1.81	.01	.10	1	30
23400E 15600N	1	25	43	190	.5	27	21	1502	3.94	18	5	ND	20	68	1.8	10	2	89	.74	.177	54	1	.79	3365	.23	4	1.99	.02	.61	1	30
23400E 15650N	1	13	14	124	.2	30	13	287	3.27	23	5	ND	5	17	.2	8	2	60	.16	.050	18	17	.52	970	.05	2	2.08	.01	.11	1	10
23400E 15700N	1	13	16	172	.2	39	28	783	3.49	18	5	ND	3	44	1.2	8	2	70	.40	.064	14	3	.58	2770	.08	5	2.38	.01	.17	1	15
23400E 15750N	1	16	19	101	.3	22	12	701	3.13	17	5	ND	10	30	.2	2	3	66	.34	.043	22	31	.61	703	.22	4	1.67	.02	.27	1	10
23400E 15800N	1	24	26	162	.6	26	22	2296	3.56	18	5	ND	7	51	.7	2	2	66	.61	.070	48	25	.57	894	.21	6	1.90	.02	.27	1	30
23400E 15850N	1	24	18	82	.5	23	14	639	3.14	11	5	ND	12	38	.2	2	3	63	.30	.054	62	20	.58	1018	.16	4	1.92	.01	.19	1	10
RE 23400E 16050N	1	12	62	68	1.6	11	5	228	2.13	15	5	ND	5	34	.5	5	3	60	.25	.043	20	16	.45	722	.22	5	1.13	.01	.22	1	20
23400E 15900N	1	16	22	94	.3	18	11	378	3.36	13	5	ND	12	31	.2	2	2	76	.39	.129	28	30	.70	760	.25	4	1.64	.01	.19	1	5
23400E 15950N	1	33	24	109	.7	27	13	575	4.08	5	5	ND	17	32	.4	2	2	96	.41	.110	47	38	.85	1143	.36	5	1.69	.02	.51	1	15
23400E 16000N	1	12	162	152	1.1	17	15	601	3.40	27	5	ND	1	21	1.2	7	2	58	.20	.083	13	20	.41	664	.06	6	1.70	.01	.13	1	20
23400E 16050N	1	12	58	68	1.6	12	5	222	2.09	18	5	ND	4	33	.4	3	2	59	.24	.043	20	16	.45	710	.21	4	1.11	.01	.22	1	30
23400E 16100N	1	27	81	138	1.1	16	5	159	2.43	17	5	ND	6	59	2.0	6	2	79	.26	.056	29	20	.55	1144	.22	4	1.25	.01	.13	1	45
23400E 16150N	1	51	16	65	.8	27	14	229	1.36	9	5	ND	1	189	3.6	3	2	88	3.55	.077	49	7	.23	810	.06	6	.59	.01	.07	1	105
23400E 16200N	1	12	19	773	1.0	34	13	374	2.55	7	5	ND	2	27	4.2	2	2	144	.22	.035	12	16	.42	875	.06	4	1.90	.01	.05	3	10
23400E 16250N	1	26	50	1671	.9	62	9	293	2.89	6	5	ND	3	51	5.2	3	2	188	.47	.175	14	37	.76	696	.06	2	2.27	.01	.05	8	20
23400E 16300N	1	72	125	1815	1.2	137	10	431	2.96	10	5	ND	5	104	9.3	12	2	209	.96	.505	18	58	.67	1082	.07	7	2.28	.01	.06	8	10
23400E 16350N	1	35	51	829	.7	83	10	382	3.18	25	5	ND	5	26	5.0	10	2	177	.34	.208	15	49	.54	356	.06	6	2.38	.01	.06	3	10
23400E 16400N	1	19	25	614	.7	36	9	340	2.40	7	5	ND	3	31	5.1	2	2	84	.41	.162	13	29	.47	501	.05	2	1.77	.01	.05	2	10
23400E 16450N	1	29	54	1023	.9	61	6	222	2.56	14	5	ND	1	57	3.2	4	2	366	.41	.142	16	46	.57	400	.07	2	1.86	.01	.04	5	20
23400E 16500N	1	47	47	2132	.8	96	7	279	2.47	23	5	ND	1	91	11.5	13	2	644	.83	.071	19	45	.61	487	.08	3	1.66	.01	.06	9	25
23400E 16650N	2	14	15	124	.3	23	10	179	2.47	46	5	ND	3	24	.3	2	2	64	.12	.021	12	19	.33	225	.06	2	1.38	.01	.06	1	5
23400E 16700N	2	30	39	271	.6	40	12	285	3.93	83	5	ND	5	31	.7	19	2	74	.13	.035	20	31	.61	354	.06	4	2.17	.01	.09	1	20
23400E 16750N	2	20	16	97	1.1	21	7	176	3.21	34	5	ND	3	36	.4	7	2	82	.11	.029	13	24	.42	238	.10	2	1.54	.01	.08	1	5
23400E 16800N	2	18	13	121	.5	24	9	222	3.04	38	5	ND	4	43	.6	2	2	58	.15	.029	15	34	.53	265	.09	2	1.56	.01	.17	1	15
23400E 16850N	2	26	14	130	.1	30	9	192	3.08	29	5	ND	4	53	.2	5	2	66	.25	.038	15	43	.69	363	.09	2	1.64	.01	.13	1	5
23400E 16900N	3	17	15	171	.4	23	7	160	3.23	152	5	ND	5	50	.3	2	4	80	.20	.039	14	34	.67	451	.09	2	1.99	.01	.10	1	15
23400E 16950N	3	25	26	247	2.0	58	11	194	3.61	23	5	ND	2	91	1.6	4	2	119	.45	.161	14	110	.82	372	.17	5	2.30	.01	.12	1	20
23400E 17000N	2	56	16	119	1.6	80	14	194	.98	9	5	ND	1	112	3.1	7	2	33	3.10	.095	8	15	.17	215	.02	4	.71	.01	.03	1	125
23400E 17050N	1	21	3	105	.4	35	10	352	1.16	2	5	ND	1	131	1.6	2	2	28	4.78	.068	5	24	.37	132	.05	11	.91	.04	.04	1	60
STANDARD C	19	57	38	133	7.1	70	32	1052	4.02	40	16	7	39	52	18.8	16	19	57	.48	.091	39	59	.89	178	.09	33	1.90	.06	.15	11	1500

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: PULP HG ANALYSIS BY FLAMELESS AA. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: Aug 19/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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	Hg ppb
23400E 17100N	6	39	25	231	.3	81	20	437	3.74	24	5	ND	4	76	1.2	12	2	129	.64	.090	20	87	1.96	391	.13	4	2.89	.02	.19	1	15
23400E 17150N	4	35	34	163	.8	51	12	227	4.30	18	5	ND	1	120	1.7	6	2	98	.46	.081	18	111	.94	440	.13	4	2.68	.04	.17	1	15
23400E 17200N	6	44	41	270	1.1	45	7	377	1.50	15	5	ND	1	73	5.0	12	2	128	2.41	.064	11	44	1.05	222	.06	6	1.45	.02	.05	1	130
23400E 17250N	6	20	22	83	1.3	21	5	111	1.99	14	5	ND	1	23	.9	2	2	50	.21	.044	13	31	.34	193	.05	4	1.28	.01	.07	1	35
23400E 17300N	4	32	39	167	.8	33	11	377	2.36	21	5	ND	1	47	1.6	9	2	75	.73	.053	17	40	.69	345	.07	3	1.89	.02	.06	1	65
23400E 17350N	4	36	37	181	.9	37	10	348	2.53	22	5	ND	1	50	1.4	12	2	81	.79	.057	17	42	.73	371	.07	4	2.01	.02	.06	1	60
23400E 17400N	10	22	28	186	2.0	16	11	812	2.26	81	5	ND	1	51	1.9	12	2	41	.40	.062	10	16	.24	403	.05	6	.77	.01	.13	1	25
23400E 17500N	6	28	34	104	.5	24	22	655	2.96	115	5	ND	3	69	.7	2	4	53	.21	.035	11	26	.51	431	.05	2	1.91	.01	.07	1	10
23400E 17550N	8	39	84	187	.5	39	26	592	4.47	347	5	ND	3	47	1.8	10	2	78	.25	.066	16	30	.57	667	.03	3	2.23	.01	.12	1	10
23400E 17600N	10	17	25	55	.5	26	7	140	2.85	76	5	ND	3	14	.6	2	10	152	.15	.030	12	27	.47	116	.04	2	1.48	.01	.03	1	5
23400E 17650N	2	31	41	156	.9	203	11	409	3.45	173	5	ND	3	63	1.2	12	11	150	1.72	.530	22	109	1.47	450	.10	6	2.81	.01	.05	1	15
23400E 17700N	6	57	54	193	.5	101	10	300	4.44	396	5	ND	3	26	1.7	25	2	121	.40	.138	14	62	.57	240	.03	2	1.55	.01	.04	1	20
RE 23400E 17900N	2	41	19	55	2.5	28	8	118	2.10	106	5	ND	1	46	.7	2	3	36	.40	.086	7	23	.21	384	.02	4	1.01	.01	.04	1	30
23400E 17750N	2	71	82	128	.9	40	7	230	2.57	551	5	ND	2	22	1.9	11	5	67	.54	.169	17	22	.23	279	.01	5	.96	.01	.08	1	20
23400E 17800N	3	57	130	154	4.4	52	13	350	2.45	133	5	ND	1	53	6.8	3	2	65	.95	.186	11	34	.19	281	.01	7	.98	.02	.07	1	90
23400E 17850N	2	48	31	87	.8	72	19	252	3.74	164	5	ND	2	24	.5	2	9	81	.26	.042	13	71	.63	261	.08	4	2.80	.01	.05	1	5
23400E 17900N	2	46	26	58	2.9	29	8	129	2.29	109	5	ND	1	50	.4	2	3	39	.43	.091	8	25	.23	410	.03	3	1.13	.01	.04	1	50
23400E 17950N	1	12	26	71	1.8	12	7	287	2.16	38	5	ND	1	15	.9	2	2	45	.17	.043	13	20	.21	180	.05	2	.94	.01	.04	1	30
23400E 18000N	7	40	297	297	6.8	28	18	1374	3.56	344	5	ND	1	34	4.3	21	14	107	.20	.197	19	32	.27	450	.03	2	1.57	.01	.07	1	100
23400E 18050N	2	20	17	127	.7	25	13	502	3.71	141	5	ND	3	16	.9	3	2	61	.11	.069	14	33	.51	252	.07	5	2.11	.01	.07	1	35
23400E 18100N	3	44	17	102	.7	20	20	509	3.94	73	5	ND	3	30	.8	14	2	73	.09	.060	19	29	.64	278	.06	2	2.43	.01	.10	1	5
23400E 18150N	1	13	10	53	.1	15	10	209	3.10	33	5	ND	2	18	.5	3	2	55	.09	.031	13	27	.37	226	.05	4	1.77	.01	.05	1	40
23400E 18200N	2	21	10	47	.1	16	7	156	2.98	61	5	ND	1	22	.2	2	2	50	.13	.050	14	23	.36	149	.04	2	1.46	.01	.06	1	20
23400E 18250N	1	19	15	51	.1	11	5	114	2.21	44	5	ND	1	19	.2	2	2	48	.07	.038	17	22	.31	108	.03	3	1.19	.01	.07	1	55
23400E 18300N	3	40	36	85	.2	21	12	315	3.83	159	5	ND	1	38	.3	23	2	55	.09	.055	22	28	.45	237	.04	2	1.85	.01	.14	1	15
23400E 18350N	2	14	14	66	.5	13	8	242	3.26	32	5	ND	1	11	.6	3	2	64	.07	.041	12	26	.24	206	.05	5	1.73	.01	.05	1	5
23400E 18400N	1	29	19	64	.1	23	11	190	3.33	119	5	ND	1	19	.2	2	2	47	.11	.031	14	29	.42	239	.05	2	1.78	.01	.07	1	65
23400E 18450N	1	11	11	51	.1	11	7	181	2.64	57	5	ND	1	14	.5	3	2	45	.07	.028	12	20	.25	169	.04	4	1.36	.01	.04	1	75
23400E 18500N	1	33	12	37	.1	9	4	63	2.03	16	5	ND	1	20	.7	2	2	45	.05	.047	15	21	.08	185	.02	3	.96	.01	.07	1	25
23600E 18000N	1	14	15	70	.4	17	10	214	3.37	42	5	ND	2	16	.2	2	2	66	.11	.048	13	33	.38	163	.05	3	2.09	.01	.05	1	85
23600E 18050N	1	16	18	94	.3	16	13	573	3.94	45	5	ND	1	13	.4	2	2	72	.09	.054	12	28	.31	159	.05	2	1.87	.01	.05	1	20
23600E 18100N	1	22	19	73	.1	21	13	332	3.27	37	5	ND	2	17	.3	2	2	55	.13	.038	17	33	.46	263	.06	2	1.94	.01	.06	1	30
23600E 18150N	1	22	14	71	.1	14	9	309	3.20	29	5	ND	1	16	.2	2	2	47	.11	.057	17	25	.33	125	.04	4	1.58	.01	.06	1	75
23600E 18200N	4	118	55	118	.3	44	29	582	3.82	237	5	ND	4	17	.8	19	2	45	.03	.073	29	25	.26	143	.02	3	1.77	.01	.08	1	75
23600E 18250N	2	46	38	215	.9	40	34	933	3.93	61	5	ND	1	28	6.1	3	2	63	.11	.079	30	32	.38	234	.06	4	1.76	.01	.10	1	105
23600E 18300N	3	18	12	59	1.4	6	3	47	1.41	15	5	ND	1	14	.7	2	2	31	.06	.114	5	17	.05	134	.02	2	.72	.01	.05	1	170
23600E 18350N	2	46	36	126	.8	20	7	142	2.97	38	5	ND	1	40	1.9	2	2	60	.11	.085	21	35	.24	274	.03	2	1.38	.02	.10	1	30
STANDARD C	20	60	43	135	7.3	71	33	1135	4.04	41	19	7	39	53	18.7	14	19	60	.51	.089	39	59	.89	177	.09	35	1.90	.07	.15	13	1500

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-009 327 FILE # 91-3417 Page .

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
23600E 18400N	4	35	23	66	.6	19	8	245	3.43	106	5	ND	1	36	.2	9	3	70	.15	.099	21	32	.46	434	.04	2	1.68	.01	.11	1	60
23600E 18450N	2	31	23	68	.6	18	6	159	3.31	162	5	ND	3	32	.3	17	5	44	.11	.051	21	24	.39	469	.03	3	1.45	.01	.08	1	40
23600E 18500N	3	28	44	62	.7	14	7	225	3.52	154	5	ND	1	38	.2	19	5	38	.11	.064	22	24	.38	403	.03	2	1.27	.01	.11	1	55
23600E 18550N	2	25	15	49	.3	12	4	97	2.41	42	5	ND	1	16	.2	3	3	40	.07	.093	14	26	.28	336	.01	3	1.72	.01	.07	1	75
23600E 18600N	2	18	23	65	.2	17	6	206	4.65	114	5	ND	3	22	.2	6	4	47	.07	.037	16	31	.46	227	.06	2	1.79	.01	.10	1	45
23600E 18650N	1	11	12	48	.1	12	4	129	2.68	29	5	ND	1	14	.2	2	2	37	.09	.033	15	25	.35	115	.04	2	1.33	.01	.07	1	20
23600E 18700N	1	11	32	99	.1	17	7	279	2.64	37	5	ND	1	13	.3	2	2	39	.10	.031	14	28	.41	98	.05	5	1.62	.01	.05	1	15
23600E 18750N	1	8	63	174	.2	11	5	250	3.98	345	5	ND	1	19	.6	7	5	47	.06	.038	14	26	.33	86	.03	2	1.51	.01	.06	1	40
23600E 18800N	1	9	28	115	.1	11	4	212	3.20	337	5	ND	2	12	.6	3	2	45	.08	.033	14	30	.28	94	.04	2	1.91	.01	.05	1	125
23600E 18850N	1	5	35	71	.2	7	3	201	2.01	171	5	ND	1	9	.2	2	2	35	.06	.054	14	17	.16	68	.03	2	.97	.01	.05	1	55
23600E 18900N	1	17	80	201	.5	15	8	672	3.30	443	5	ND	1	18	1.3	8	3	45	.16	.059	22	25	.32	137	.03	2	1.43	.01	.09	1	65
23600E 18950N	2	21	86	160	1.0	14	7	762	2.60	225	5	ND	1	37	1.6	4	4	45	.37	.067	32	27	.32	210	.02	2	1.46	.01	.08	1	60
23800E 15500N	1	22	34	121	.5	32	13	241	3.27	51	5	ND	3	23	.4	10	2	53	.15	.028	15	37	.63	583	.07	2	1.87	.01	.11	1	15
23800E 15550N	1	18	27	105	.5	28	14	275	2.72	35	5	ND	3	19	.3	5	2	48	.13	.022	14	31	.50	575	.06	3	1.50	.01	.08	1	10
23800E 15600N	3	45	95	198	1.0	53	14	191	4.93	89	5	ND	4	43	.6	38	2	68	.13	.046	18	48	.76	977	.08	3	2.11	.01	.13	1	40
23800E 15650N	1	16	32	123	.4	26	26	417	3.08	24	5	ND	2	25	.6	6	2	54	.15	.027	12	32	.46	1033	.07	2	1.75	.01	.09	1	15
23800E 15700N	3	35	38	120	.4	38	10	176	3.86	35	5	ND	4	36	.2	17	2	55	.11	.029	14	36	.64	638	.08	3	1.78	.01	.12	1	15
RE 23800E 15900N	3	29	28	802	3.1	78	15	396	3.02	28	5	ND	3	59	8.1	13	2	389	.40	.124	12	61	.53	6839	.09	2	2.47	.01	.07	3	45
23800E 15750N	2	13	25	156	.4	24	15	231	2.77	17	5	ND	3	21	.6	5	2	63	.13	.026	12	27	.39	1020	.06	3	1.67	.01	.07	1	15
23800E 15800N	3	19	44	279	1.0	35	17	227	3.62	22	5	ND	2	20	1.2	12	2	72	.12	.040	11	32	.47	1314	.06	3	2.24	.01	.10	1	30
23800E 15850N	4	39	34	492	1.3	57	9	192	2.87	41	5	ND	3	32	2.5	11	2	423	.21	.063	14	44	.55	2852	.07	3	1.98	.01	.08	2	20
23800E 15900N	3	30	25	806	3.1	77	15	390	3.01	28	5	ND	3	57	8.0	13	2	389	.40	.120	12	60	.53	6746	.09	5	2.46	.01	.06	3	50
23800E 15950N	4	27	89	484	.8	82	30	650	3.69	27	5	ND	1	29	3.2	15	2	132	.16	.056	9	62	.97	2823	.09	3	3.05	.02	.07	2	30
23800E 16000N	1	59	54	1648	2.0	143	9	362	2.90	16	5	ND	2	94	4.7	9	2	306	.68	.307	21	63	.85	1922	.07	5	1.79	.01	.09	6	30
23800E 16050N	1	11	14	233	.3	21	21	526	2.99	10	5	ND	2	14	1.0	2	2	63	.14	.040	13	30	.34	1036	.06	2	1.96	.01	.05	1	15
23800E 16100N	1	20	14	194	.4	17	6	156	2.28	11	5	ND	2	32	1.0	2	2	111	.10	.142	15	36	.34	2849	.07	2	2.04	.01	.04	1	15
23800E 16150N	3	66	36	899	2.1	90	11	139	2.65	22	13	ND	1	127	6.0	9	2	327	.12	.624	22	42	.27	15297	.07	2	2.12	.01	.06	4	20
23800E 16200N	1	23	19	117	.8	24	5	120	2.06	9	5	ND	1	31	.7	2	2	50	.38	.067	14	26	.40	789	.04	2	1.59	.01	.04	1	20
23800E 16250N	1	23	18	87	.3	27	9	198	2.53	12	5	ND	4	25	.2	2	2	49	.35	.065	16	32	.55	588	.07	2	1.87	.01	.05	1	15
23800E 16300N	1	28	22	150	.4	59	14	512	3.22	22	5	ND	3	47	.2	6	2	59	.70	.123	15	41	.60	487	.07	2	2.48	.02	.05	1	40
23800E 16350N	2	22	17	86	.3	31	10	220	5.08	17	5	ND	2	52	.2	2	2	54	.19	.124	15	43	.56	313	.07	3	2.54	.03	.08	1	25
23800E 16400N	2	14	11	82	.2	22	11	226	3.74	16	5	ND	3	29	.2	2	2	64	.21	.029	13	38	.55	367	.08	4	2.39	.01	.05	1	5
23800E 16450N	2	11	22	51	.3	12	4	148	2.94	18	5	ND	6	15	.5	2	3	74	.11	.033	13	26	.31	246	.17	2	1.32	.01	.08	1	10
23800E 16500N	1	32	96	275	.5	26	9	870	2.81	29	5	ND	20	143	2.2	46	2	58	2.73	.145	55	30	.61	602	.16	10	1.45	.01	.09	1	70
23800E 16550N	1	20	39	191	.3	16	8	442	3.02	26	5	ND	33	164	1.2	9	2	62	.62	.138	79	30	.84	1066	.17	3	2.05	.01	.19	1	30
23800E 16600N	1	26	101	354	1.7	20	7	297	3.29	40	5	ND	23	64	4.0	14	2	135	.45	.089	36	38	.62	1274	.24	2	1.86	.01	.29	1	25
23800E 16650N	1	23	45	175	.6	32	9	569	2.57	22	5	ND	9	42	1.3	7	2	104	.44	.160	44	38	.62	595	.10	2	1.49	.01	.17	1	20
STANDARD C	19	56	36	132	6.9	71	33	1042	3.97	41	16	7	37	53	18.3	16	18	54	.48	.090	38	59	.88	176	.09	31	1.88	.06	.15	11	1350

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
23800E 16700N	1	23	26	315	.4	37	9	629	2.54	4	5	ND	6	63	1.7	2	2	66	.69	.150	17	50	.78	511	.12	2	1.76	.01	.15	1	10
23800E 16750N	1	25	22	140	.4	27	11	471	3.61	14	5	ND	9	50	1.3	2	2	78	.42	.118	22	48	.81	446	.15	3	2.18	.01	.21	1	20
23800E 16800N	1	27	26	178	.6	25	15	1123	3.19	13	6	ND	7	43	1.2	2	2	69	.34	.100	35	34	.68	414	.11	2	2.01	.01	.13	1	55
23800E 16850N	1	30	24	126	.5	22	12	579	3.10	12	6	ND	7	58	.4	2	2	65	.40	.085	33	32	.71	485	.10	2	1.81	.02	.09	1	30
23800E 16900N	1	19	15	95	.3	26	4	151	2.02	10	5	ND	4	63	.5	2	2	69	.58	.033	11	33	1.07	206	.15	2	2.37	.04	.07	1	15
23800E 16950N	2	24	25	105	.3	26	6	125	2.62	13	5	ND	3	64	.5	2	2	79	.32	.029	10	36	.76	143	.14	2	2.11	.01	.10	1	10
23800E 17000N	1	46	51	287	.4	50	14	557	3.70	43	5	ND	12	234	2.3	5	2	224	.87	.090	27	57	1.30	626	.22	4	3.03	.03	.18	1	15
23800E 17100N	1	29	19	89	.3	26	8	270	2.50	12	5	ND	5	48	.4	2	2	59	.32	.026	16	34	.85	222	.14	3	2.29	.02	.07	1	10
23800E 17150N	1	27	34	275	.9	27	22	2366	3.84	16	5	ND	5	58	3.1	2	2	86	.28	.103	13	50	.80	370	.21	2	2.31	.02	.32	1	20
23800E 17200N	1	29	28	110	.3	31	11	307	3.03	14	5	ND	8	73	.8	2	2	67	.34	.067	21	40	.79	262	.14	4	2.43	.02	.13	1	15
23800E 17250N	2	23	26	128	.7	28	7	236	2.92	15	5	ND	1	57	1.5	2	2	66	.35	.083	17	35	.66	235	.11	2	1.79	.01	.12	1	30
23800E 17300N	3	20	41	109	1.3	24	5	194	2.77	11	5	ND	3	26	.8	2	2	110	.23	.048	13	30	.31	181	.13	2	1.51	.02	.08	1	15
23800E 17350N	1	15	33	244	.6	31	8	238	3.29	18	5	ND	5	30	2.1	2	2	94	.22	.174	17	33	.39	222	.08	2	2.10	.01	.07	1	45
23800E 17400N	2	37	57	667	2.9	79	7	408	3.06	28	5	ND	1	38	4.0	15	2	201	.57	.089	19	44	.35	255	.13	2	1.11	.02	.09	1	25
23800E 17450N	2	27	39	181	1.2	25	6	209	3.26	48	5	ND	5	25	1.5	13	2	108	.22	.160	21	31	.31	246	.04	3	1.98	.01	.13	1	125
23800E 17500N	1	24	38	286	.6	39	5	196	3.06	54	5	ND	1	32	.7	17	2	130	.25	.140	17	37	.39	218	.04	4	1.84	.01	.09	1	305
23800E 17550N	1	30	24	114	.6	23	9	389	3.28	57	5	ND	3	51	.3	15	2	63	.28	.087	27	36	.68	396	.08	3	1.98	.01	.10	1	110
23800E 17600N	2	21	34	141	.7	24	10	312	4.05	76	5	ND	4	33	1.2	11	2	61	.14	.055	18	27	.36	323	.06	2	2.15	.01	.11	1	50
23800E 17650N	1	17	23	106	1.4	21	11	248	3.73	61	5	ND	4	26	.5	2	2	64	.15	.052	15	31	.38	291	.07	2	2.44	.01	.10	1	30
23800E 17700N	1	19	23	164	.5	27	14	252	4.00	49	5	ND	4	19	1.0	2	2	61	.13	.047	16	26	.46	236	.07	3	2.32	.01	.09	1	20
23800E 17750N	2	15	37	125	.7	17	8	193	3.92	57	5	ND	5	18	.6	4	2	67	.09	.043	23	29	.38	249	.06	2	2.63	.01	.11	1	15
23800E 17800N	1	13	42	566	1.5	27	12	691	3.89	20	5	ND	2	22	4.1	3	2	62	.17	.110	31	29	.71	279	.05	3	2.28	.01	.10	1	30
23800E 17850N	2	23	54	135	.7	15	5	262	3.49	21	5	ND	1	19	.7	5	2	86	.09	.091	19	22	.27	112	.05	2	1.68	.01	.08	1	25
23800E 17900N	2	48	44	141	1.3	23	11	313	3.62	46	7	ND	1	44	1.4	6	2	47	.21	.130	43	26	.38	301	.03	2	2.27	.01	.14	1	130
23800E 17950N	2	47	46	89	1.4	17	6	176	3.67	165	5	ND	1	45	.7	8	4	51	.18	.105	36	24	.39	286	.04	3	1.82	.01	.16	1	565
23800E 18000N	1	54	29	38	.8	8	2	34	1.32	78	5	ND	1	22	.5	7	2	23	.08	.099	14	13	.05	204	.01	3	.73	.02	.06	1	1250
23800E 18050N	1	34	9	76	3.0	10	3	70	.96	22	5	ND	1	29	.7	2	2	13	.17	.111	10	12	.05	442	.02	3	.63	.02	.05	1	340
23800E 18100N	11	59	69	113	1.2	21	5	77	3.89	232	5	ND	1	60	1.8	28	2	113	.13	.210	24	24	.12	401	.01	3	.97	.01	.14	1	170
23800E 18150N	8	56	109	82	2.6	22	6	116	3.16	123	5	ND	2	63	2.1	17	3	85	.15	.145	25	22	.22	524	.02	3	1.29	.01	.10	1	320
23800E 18200N	7	76	74	87	2.2	26	8	124	3.28	153	5	ND	1	56	1.1	10	3	90	.19	.153	26	27	.34	626	.04	3	1.78	.01	.12	1	435
23800E 18250N	2	27	37	130	.7	21	6	148	2.57	68	5	ND	2	52	1.3	4	2	50	.22	.068	24	26	.41	243	.05	4	1.73	.01	.09	1	150
23800E 18300N	2	43	39	504	.6	39	12	364	4.82	95	8	ND	9	49	3.4	8	4	65	.20	.085	44	32	.80	248	.09	2	2.18	.01	.17	1	140
23800E 18350N	2	27	39	360	2.0	20	7	247	4.35	164	5	ND	1	26	2.1	14	2	67	.06	.085	20	18	.18	109	.02	3	1.63	.01	.07	1	75
RE 23800E 18150N	7	55	70	88	2.1	20	5	74	3.17	127	5	ND	1	63	1.4	18	2	83	.13	.144	24	22	.20	529	.02	4	1.27	.01	.09	1	355
23800E 18400N	2	27	51	293	1.2	25	12	799	3.80	94	5	ND	1	38	2.4	13	3	48	.23	.093	38	22	.34	183	.04	3	1.63	.01	.09	1	190
23800E 18450N	2	38	31	167	1.2	30	13	211	2.78	61	13	ND	1	57	.8	13	3	43	.37	.076	35	25	.35	449	.03	2	1.89	.01	.07	1	220
23800E 18500N	2	16	32	146	1.6	13	4	118	2.44	124	5	ND	2	33	.9	8	3	41	.26	.056	24	18	.22	153	.02	4	1.45	.01	.07	1	120
STANDARD C	19	59	41	134	7.5	73	33	1063	4.05	42	17	8	39	52	17.4	15	23	56	.47	.099	37	55	.88	178	.08	34	1.95	.06	.14	13	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23800E 18550N	1	17	26	77	1.2	12	3	113	2.34	75	5	ND	1	28	.9	2	2	41	.25	.050	19	21	.30	205	.02	2	1.45	.01	.05	1	75
RE 23800E 18800N	1	18	96	240	1.1	12	6	440	2.66	396	5	ND	1	21	1.4	4	7	42	.20	.062	33	21	.40	180	.02	2	1.55	.01	.08	1	125
23800E 18600N	1	11	36	139	.3	13	7	281	3.31	194	5	ND	3	14	.7	2	7	52	.11	.036	13	25	.39	158	.03	2	2.02	.01	.05	1	20
23800E 18650N	1	13	40	98	.9	9	3	103	2.03	154	5	ND	1	13	1.0	2	9	34	.09	.042	15	17	.21	116	.02	2	1.15	.01	.03	1	160
23800E 18700N	1	16	60	193	.9	17	6	239	2.80	412	5	ND	2	20	1.4	10	7	37	.23	.029	18	23	.38	141	.02	2	1.56	.01	.05	1	200
23800E 18750N	1	17	180	343	1.3	16	6	423	2.68	320	5	ND	5	27	2.1	7	2	37	.31	.035	28	22	.41	209	.02	2	1.52	.01	.06	1	200
23800E 18800N	1	17	117	259	1.1	13	7	462	2.76	420	5	ND	1	20	1.6	8	2	42	.19	.062	34	21	.41	181	.02	2	1.58	.01	.08	1	170
23800E 18850N	1	17	81	151	2.7	11	4	169	2.26	200	5	ND	2	31	1.1	5	4	38	.24	.049	43	20	.27	187	.02	2	1.37	.01	.06	1	175
23800E 18900N	2	25	74	177	.8	29	10	488	2.98	182	5	ND	7	62	1.0	9	3	36	.34	.051	37	23	.35	417	.03	2	1.02	.01	.09	1	60
23800E 18950N	3	17	49	113	.3	20	14	598	2.41	76	5	ND	2	54	.2	2	4	46	.25	.051	28	26	.35	410	.02	2	.98	.01	.07	1	20
23800E 19000N	1	13	43	96	.5	15	9	332	2.64	92	5	ND	3	36	.2	2	3	45	.25	.063	22	24	.42	389	.02	3	1.41	.01	.07	1	125
24000E 18000N	1	24	18	76	.2	21	8	247	3.24	20	5	ND	6	16	.2	2	8	56	.09	.027	15	31	.45	195	.06	2	2.12	.01	.05	1	110
24000E 18050N	1	15	20	46	.5	9	3	89	1.94	81	6	ND	1	21	.5	2	2	49	.09	.046	16	15	.18	162	.03	2	1.03	.01	.06	1	40
24000E 18100N	1	12	21	97	.1	17	6	166	2.81	38	5	ND	1	28	.2	2	2	54	.12	.031	15	31	.40	126	.08	2	1.72	.01	.05	1	45
24000E 18150N	1	17	25	67	.6	10	3	77	1.16	35	5	ND	1	40	2.5	2	9	25	.16	.032	30	16	.14	184	.03	2	.83	.01	.05	1	25
24000E 18200N	1	21	24	112	.5	20	6	137	2.04	53	5	ND	1	30	1.9	2	7	39	.14	.051	21	25	.36	206	.03	2	1.22	.01	.07	1	45
24000E 18250N	1	9	20	73	.8	7	2	94	1.01	22	5	ND	1	16	1.2	2	2	23	.06	.043	11	14	.16	80	.02	2	.66	.01	.05	1	70
24000E 18300N	1	15	38	210	.5	21	8	272	2.68	81	5	ND	4	27	.7	4	2	41	.19	.060	19	26	.49	110	.06	2	1.18	.01	.06	1	35
24000E 18350N	1	25	85	414	4.1	25	14	751	3.21	152	5	ND	3	52	6.9	4	9	46	.35	.072	51	29	.55	340	.02	2	2.08	.01	.10	1	310
24000E 18400N	1	10	42	201	1.2	14	7	182	2.03	39	5	ND	1	29	2.3	2	4	37	.20	.055	21	24	.46	173	.03	2	1.58	.01	.07	1	300
24000E 18450N	1	15	71	257	1.3	16	17	2100	2.45	71	6	ND	1	53	5.8	7	2	40	.61	.064	22	23	.45	287	.02	2	1.57	.01	.06	1	730
24000E 18500N	1	12	71	220	1.1	14	10	1131	2.28	63	5	ND	2	45	2.5	7	3	42	.49	.054	23	24	.49	320	.02	3	1.70	.01	.07	1	730
24000E 18550N	2	15	100	249	1.4	18	6	242	3.38	107	5	ND	4	35	1.4	7	5	54	.29	.070	21	32	.48	208	.04	2	1.48	.01	.08	1	980
24000E 18600N	4	21	43	161	.9	29	20	833	2.96	51	5	ND	5	76	.6	7	3	73	.28	.075	25	30	.43	675	.05	3	1.19	.01	.09	1	475
24000E 18650N	6	27	32	231	.4	41	10	128	3.35	45	5	ND	5	108	.4	9	5	50	.05	.047	33	15	.09	767	.01	3	.56	.01	.10	1	70
24000E 18700N	3	24	49	193	.8	26	12	743	2.97	72	5	ND	6	79	1.0	4	3	50	.18	.055	35	26	.35	779	.02	3	1.10	.01	.09	1	100
24000E 18750N	2	26	40	152	.7	23	7	234	2.35	49	5	ND	2	66	.9	2	5	43	.14	.052	25	21	.26	431	.01	2	.97	.01	.08	1	150
24000E 18800N	1	13	64	114	.7	17	6	190	2.79	87	5	ND	3	41	.2	2	3	43	.22	.059	21	21	.32	445	.02	8	1.12	.01	.07	1	90
24000E 18850N	1	10	101	128	.8	12	15	1064	2.19	67	5	ND	2	49	.7	3	2	45	.47	.063	21	24	.48	688	.03	2	1.39	.01	.06	1	115
24000E 18900N	1	11	32	100	.6	13	7	261	1.82	55	5	ND	4	48	.2	2	5	36	.30	.062	22	22	.42	521	.03	2	1.10	.01	.08	1	145
24000E 20100N	4	31	12	124	1.3	31	11	406	2.53	47	5	ND	2	51	1.2	5	2	110	.45	.130	15	31	.37	431	.02	4	1.05	.01	.07	1	710
24000E 20150N	1	32	9	72	.5	22	7	332	1.51	57	5	ND	1	92	.4	4	2	20	1.95	.080	7	13	.46	479	.02	5	.72	.01	.06	1	400
24000E 20200N	1	25	11	66	.2	31	14	300	3.87	18	5	ND	5	19	.2	2	2	70	.17	.030	17	39	.62	265	.03	2	2.43	.01	.07	1	45
24000E 20250N	1	14	9	48	.1	16	7	201	2.75	216	5	ND	2	15	.2	2	2	57	.11	.029	12	23	.31	375	.03	2	1.41	.01	.05	1	80
24000E 20300N	1	56	9	131	1.1	57	27	1244	3.48	555	5	ND	1	93	1.2	3	3	50	1.49	.128	16	27	.21	1671	.01	4	1.38	.01	.11	1	2400
24000E 20350N	1	15	14	54	.3	17	9	258	3.20	39	5	ND	4	17	.2	2	2	63	.17	.029	12	28	.34	255	.05	2	1.97	.01	.06	1	70
24000E 20400N	1	17	13	52	.2	21	8	181	2.71	16	5	ND	4	16	.2	2	4	53	.16	.016	13	29	.43	316	.05	2	1.87	.01	.06	1	15
STANDARD C	17	59	40	133	7.5	70	31	1063	3.97	43	20	6	41	52	18.8	16	20	57	.48	.090	40	58	.88	177	.09	33	1.92	.06	.15	12	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24000E 20450N	3	77	4	85	.1	49	35	476	7.66	21	5	ND	1	15	.8	2	11	143	.18	.058	12	68	.59	1762	.01	2	2.49	.01	.07	1	575
24000E 20500N	1	28	2	55	.2	11	4	201	.69	2	5	ND	1	126	.4	2	3	14	4.21	.068	8	9	.28	663	.01	12	.51	.01	.03	1	155
24000E 20550N	1	69	2	69	.1	74	25	775	4.88	167	5	ND	1	81	1.1	2	2	95	1.72	.077	24	115	1.02	1902	.03	6	2.32	.02	.10	1	745
24000E 20600N	1	18	9	42	.2	16	6	305	2.22	13	5	ND	2	18	.4	2	2	56	.19	.028	14	25	.23	369	.05	3	1.12	.01	.08	1	10
24000E 20650N	1	20	12	68	.3	24	10	260	3.89	11	5	ND	4	19	.6	2	2	74	.20	.022	14	40	.33	293	.04	2	2.06	.01	.09	1	40
24000E 20700N	1	23	6	29	.1	9	3	74	1.46	4	5	ND	2	13	.3	2	2	59	.09	.020	13	20	.12	148	.05	2	.69	.01	.05	1	25
24000E 20750N	1	42	5	70	.3	111	26	392	5.32	3	5	ND	3	50	.5	2	2	103	.76	.044	14	172	2.30	1341	.18	4	2.93	.01	.10	1	65
24000E 20900N	1	117	10	154	.6	41	11	1674	3.41	8	5	ND	2	45	.6	2	2	70	.37	.130	12	41	.55	1017	.04	6	1.84	.01	.18	1	95
24000E 20950N	1	30	8	73	.1	18	6	253	2.62	7	5	ND	2	23	.5	2	2	61	.19	.128	14	28	.31	412	.06	4	1.64	.01	.09	1	10
24000E 21000N	1	36	12	135	.9	26	10	287	3.27	6	5	ND	1	24	.8	2	2	70	.23	.148	13	34	.45	441	.05	2	2.10	.01	.11	1	15
24025E 19000N	1	21	2	52	.3	11	3	415	.70	32	5	ND	1	356	.2	60	2	9	4.93	.079	2	9	.53	743	.02	8	.48	.02	.03	1	170
24025E 19050N	1	22	24	89	.6	20	8	429	2.86	93	5	ND	4	50	.5	11	2	46	.42	.036	24	21	.29	551	.02	3	1.38	.01	.10	1	100
24025E 19100N	1	18	9	56	.1	13	4	136	1.90	14	5	ND	1	26	.2	2	2	46	.10	.027	20	16	.12	173	.04	4	.94	.01	.05	1	185
24025E 19150N	1	13	10	57	.1	17	6	178	2.86	10	5	ND	4	18	.2	2	2	54	.15	.024	15	24	.34	223	.06	3	1.60	.01	.06	1	10
RE 24025E 19400N	5	19	24	188	.6	23	18	2143	2.78	49	5	ND	1	34	.8	19	2	90	.28	.068	20	29	.43	458	.04	4	1.62	.01	.09	1	415
24025E 19200N	1	32	12	147	.9	35	11	669	2.98	11	5	ND	1	57	1.2	2	2	33	.75	.075	13	21	.35	545	.03	5	1.31	.01	.08	1	135
24025E 19250N	5	30	6	139	1.0	29	6	256	1.81	14	5	ND	2	117	.6	4	2	37	2.13	.056	5	14	.42	680	.01	6	.82	.01	.08	1	175
24025E 19300N	1	26	4	272	.3	16	4	1483	.78	2	5	ND	1	182	1.1	2	2	7	3.98	.098	2	6	.59	532	.01	14	.35	.02	.03	1	130
24025E 19400N	5	20	22	194	.5	21	17	2137	2.61	44	5	ND	1	42	1.1	16	3	83	.48	.070	18	28	.43	450	.04	4	1.51	.01	.08	1	405
24025E 19450N	17	72	20	561	1.3	82	26	3402	1.97	41	5	ND	1	133	20.4	20	2	55	1.69	.127	19	12	.16	730	.01	6	.57	.02	.03	1	460
24025E 19500N	5	52	9	135	.5	42	14	386	3.59	14	5	ND	1	109	1.7	2	2	59	.78	.119	15	22	.31	737	.01	8	1.06	.01	.20	1	235
24025E 19550N	1	22	10	116	.7	36	16	1272	3.14	9	5	ND	5	38	1.8	2	3	44	.39	.026	15	28	.42	702	.04	5	1.86	.01	.13	1	25
24025E 19600N	4	49	10	106	.4	39	12	314	3.70	14	5	ND	2	106	.7	2	2	69	.58	.090	14	28	.40	680	.01	14	1.42	.01	.24	1	215
24025E 19650N	1	22	10	70	.1	28	10	180	2.68	7	5	ND	3	24	.3	2	5	40	.28	.016	13	23	.39	308	.03	4	1.62	.01	.09	1	15
24025E 19700N	1	22	10	65	.1	22	12	686	2.52	9	5	ND	1	33	.3	2	2	36	.55	.034	10	21	.31	499	.02	5	1.58	.01	.14	1	40
24025E 19750N	1	22	9	78	.1	23	12	437	3.31	10	5	ND	2	26	.4	2	4	43	.28	.040	11	25	.34	450	.02	5	2.02	.01	.15	1	20
24025E 19800N	1	21	16	158	.2	32	19	503	4.16	14	5	ND	4	29	.5	2	2	52	.32	.041	12	33	.41	676	.04	4	2.58	.01	.12	1	15
24025E 19850N	1	13	8	48	.2	13	6	222	2.10	5	5	ND	2	18	.2	2	2	36	.17	.017	13	16	.27	334	.03	2	1.20	.01	.10	1	30
24025E 19900N	2	21	19	69	.5	23	8	345	3.18	13	5	ND	4	39	.4	2	3	78	.16	.131	15	32	.35	386	.04	5	1.90	.01	.13	1	40
24025E 19950N	1	25	8	58	.1	20	7	258	2.66	100	5	ND	2	26	.2	2	3	42	.18	.038	16	24	.38	196	.05	3	1.50	.01	.06	1	45
24100E 19000N	4	44	10	347	1.3	46	9	448	2.29	26	5	ND	3	92	2.9	14	2	87	1.39	.088	13	28	.62	411	.04	7	1.47	.02	.08	1	1100
24100E 19050N	2	47	9	247	.9	48	9	398	2.32	15	5	ND	4	74	2.2	9	3	69	.81	.098	18	31	.51	425	.06	6	1.30	.02	.07	1	840
24100E 19100N	1	36	3	83	.3	14	2	191	.49	2	5	ND	1	239	.2	3	2	7	4.54	.057	2	5	.59	581	.01	19	.34	.01	.02	1	250
24100E 19150N	1	18	8	66	.3	14	5	121	2.17	10	5	ND	3	35	.2	2	2	48	.36	.025	12	17	.23	184	.04	4	1.05	.01	.07	1	30
24100E 19200N	1	25	8	68	.2	26	8	175	2.86	11	5	ND	3	20	.2	2	2	54	.17	.029	15	27	.41	187	.06	4	1.73	.01	.06	1	50
24100E 19250N	29	40	12	208	.8	77	7	265	2.27	33	5	ND	1	79	1.0	2	9	88	.73	.056	14	19	.22	547	.01	8	.97	.01	.12	1	485
24100E 19300N	14	137	9	607	4.8	110	5	233	2.06	76	5	ND	1	133	2.5	9	3	166	1.28	.330	19	104	.20	504	.01	10	.82	.01	.11	1	1400
STANDARD C	17	62	36	130	7.5	71	34	1089	4.00	42	21	6	40	52	18.8	17	19	57	.48	.088	40	61	.89	176	.09	33	1.96	.06	.16	12	1300

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
24100E 19350N	20	126	9	1078	4.5	151	9	1124	1.70	129	5	ND	1	162	8.7	13	2	241	2.64	.287	15	57	.41	704	.01	13	.84	.01	.08	1	2000
24100E 19400N	6	49	2	583	.4	55	2	514	.57	4	5	ND	1	175	6.7	3	2	17	3.73	.094	3	6	.58	488	.01	18	.31	.01	.04	1	195
24100E 19450N	2	23	16	246	.4	39	11	245	2.21	42	6	ND	2	75	1.9	8	2	51	.71	.074	18	24	.50	620	.03	2	1.21	.01	.08	1	365
24100E 19500N	1	19	9	97	.3	22	10	367	2.87	27	7	ND	2	29	.5	2	2	47	.23	.035	12	23	.32	381	.04	5	1.39	.01	.10	1	30
24100E 19550N	1	19	14	107	.1	28	17	986	3.16	7	5	ND	3	25	.4	2	2	48	.18	.022	13	30	.43	587	.05	2	2.21	.01	.11	1	25
24100E 19600N	4	38	16	174	.2	51	22	1790	3.88	8	5	ND	2	59	1.0	2	2	60	.48	.074	15	26	.33	1157	.02	5	1.78	.01	.25	1	30
24100E 19650N	4	29	25	140	.9	35	24	2886	3.65	5	5	ND	1	59	1.4	2	2	66	.50	.155	11	31	.27	816	.04	5	1.67	.02	.10	1	55
24100E 19700N	4	26	16	90	.7	22	12	465	2.98	3	5	ND	2	26	.3	2	2	44	.16	.070	13	23	.23	388	.03	2	1.24	.01	.13	1	25
24100E 19750N	1	9	8	115	.2	12	8	356	1.74	2	5	ND	1	37	.8	2	2	30	.78	.053	5	15	.24	308	.02	5	.90	.01	.07	1	100
24100E 19800N	1	19	10	68	.3	22	14	484	2.77	2	5	ND	3	32	.3	2	2	40	.28	.021	11	24	.36	546	.03	3	1.63	.01	.10	1	20
24100E 19850N	1	18	7	81	.2	21	11	198	3.10	6	5	ND	2	28	.2	2	2	57	.13	.026	13	28	.37	241	.05	2	1.78	.01	.05	1	25
24100E 19900N	1	9	8	73	.1	15	8	633	2.50	2	5	ND	1	14	.2	2	2	52	.14	.021	13	23	.30	214	.05	2	1.45	.01	.04	1	10
24100E 19950N	2	14	9	49	.1	15	7	164	2.36	25	5	ND	1	26	.4	2	2	45	.14	.043	13	23	.32	167	.04	4	1.37	.01	.06	1	170
24100E 20000N	3	36	9	99	.3	42	16	248	3.64	12	5	ND	2	83	.3	2	2	72	.20	.066	15	29	.15	1031	.01	4	1.16	.01	.11	1	350
24200E 15500N	1	23	13	83	.1	25	9	170	2.77	9	5	ND	6	19	.3	2	2	38	.09	.020	22	25	.43	314	.02	4	1.71	.01	.11	1	15
24200E 15550N	1	17	15	189	.4	29	21	332	3.33	5	5	ND	5	16	.4	2	2	62	.12	.030	16	39	.47	381	.07	5	3.03	.01	.08	1	25
24200E 15600N	1	24	15	126	.4	28	14	260	3.33	6	5	ND	6	18	.2	2	2	56	.12	.029	18	37	.59	311	.07	2	2.53	.01	.10	1	20
24200E 15650N	1	15	13	85	.3	21	11	191	2.75	6	5	ND	5	16	.3	2	2	44	.10	.015	17	30	.46	215	.05	2	1.89	.01	.07	1	25
24200E 15700N	1	31	9	81	.4	26	11	178	3.43	13	5	ND	7	19	.3	2	2	49	.08	.027	19	33	.45	232	.04	3	2.04	.01	.10	1	60
24200E 15750N	1	18	11	113	.4	43	29	890	3.18	9	5	ND	6	17	.3	2	4	62	.11	.031	20	76	.76	377	.10	3	2.19	.01	.09	1	25
24200E 15800N	1	10	10	59	.2	11	9	213	2.07	2	5	ND	4	19	.2	2	2	41	.13	.021	24	22	.30	336	.04	4	1.54	.01	.07	1	35
24200E 15850N	1	13	12	50	.4	12	6	137	1.98	2	5	ND	4	45	.2	2	2	33	.10	.023	26	20	.27	408	.03	3	1.30	.01	.09	1	20
24200E 15900N	3	24	59	129	.2	22	11	266	4.41	50	5	ND	45	159	.2	4	4	52	.18	.039	47	25	.68	653	.19	10	2.13	.01	.31	1	20
24200E 15950N	1	25	10	71	.4	24	12	254	3.22	12	5	ND	6	19	.3	2	2	48	.09	.024	17	37	.52	273	.05	2	2.23	.01	.11	1	30
24200E 16000N	2	19	18	74	.1	14	8	164	3.02	6	5	ND	4	41	.4	2	2	43	.10	.034	23	24	.37	398	.03	2	1.61	.01	.13	1	5
24200E 16050N	1	18	14	151	.3	23	15	212	2.89	8	5	ND	5	23	.6	2	2	47	.17	.037	23	30	.46	514	.03	2	2.36	.01	.14	1	10
24200E 16100N	1	9	23	144	.8	18	10	317	2.21	5	5	ND	3	18	1.5	2	3	48	.17	.029	19	26	.42	469	.06	2	1.68	.01	.08	1	20
24200E 16150N	1	14	40	165	1.5	23	10	246	2.95	8	5	ND	3	24	2.2	2	2	57	.26	.172	13	33	.56	507	.06	5	2.25	.01	.08	1	35
24200E 16200N	1	29	41	383	.9	44	9	202	3.31	13	5	ND	3	33	2.5	4	2	74	.22	.103	15	36	.75	640	.07	2	2.24	.01	.12	1	20
24200E 16250N	1	30	64	1006	1.5	64	12	280	3.25	8	5	ND	1	21	3.9	3	2	82	.21	.093	16	45	.56	580	.08	3	2.23	.01	.10	1	30
24200E 16300N	1	84	83	1042	1.4	105	6	145	2.06	5	5	ND	1	58	28.4	4	2	114	.83	.107	15	50	.64	1088	.06	6	1.45	.01	.06	1	90
RE 24200E 16100N	1	10	18	150	.8	18	10	309	2.18	2	5	ND	3	18	1.7	2	2	48	.17	.029	18	26	.41	461	.06	2	1.63	.01	.07	1	10
24200E 16350N	1	82	63	1985	2.8	173	11	265	2.96	10	5	ND	4	43	17.2	2	2	114	.70	.129	21	58	.97	1838	.12	2	2.64	.01	.07	1	40
24200E 16400N	1	24	12	754	.8	53	17	324	3.55	19	5	ND	2	26	6.7	7	3	95	.16	.075	16	33	.54	2052	.07	4	2.16	.01	.09	1	20
24200E 16450N	1	23	19	742	1.3	60	21	528	4.18	22	5	ND	4	18	8.4	2	6	105	.13	.058	15	38	.54	1418	.09	4	2.83	.01	.11	1	10
24200E 16500N	1	13	20	588	1.3	26	13	301	3.94	19	5	ND	4	20	5.9	2	2	101	.20	.189	16	38	.56	990	.07	2	2.67	.01	.07	1	20
24200E 16550N	1	99	38	1228	.6	110	9	277	3.94	35	5	ND	6	62	11.9	10	2	475	.59	.154	38	64	.85	1699	.13	2	1.98	.01	.12	1	25
STANDARD C	18	57	38	131	6.9	70	32	1048	3.94	41	17	7	39	52	18.8	16	22	56	.48	.090	39	59	.88	173	.09	32	1.88	.06	.15	13	1300

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24200E 16600N	1	50	29	97	.3	33	8	221	4.70	107	5	ND	7	52	3.2	20	2	205	.14	.059	21	37	.46	711	.06	4	2.15	.01	.16	1	35
24200E 16650N	1	29	42	174	1.0	27	7	408	2.82	35	5	ND	5	98	5.2	2	2	152	.40	.092	26	49	.59	1329	.12	3	2.06	.01	.12	1	20
24200E 16700N	1	57	50	899	1.8	102	13	878	3.45	39	5	ND	1	94	7.8	5	2	449	.99	.283	30	80	.80	1377	.06	4	2.17	.01	.09	1	35
24200E 16750N	1	52	36	479	6.9	41	9	287	3.47	42	5	ND	7	106	7.3	8	2	221	.49	.144	20	52	.65	1314	.09	4	2.69	.01	.12	1	35
24200E 16800N	1	60	71	745	3.3	90	9	480	3.72	63	5	ND	6	102	11.7	22	2	343	.73	.263	26	68	.65	1196	.10	4	2.52	.01	.08	1	20
24200E 16850N	1	22	58	315	7.8	23	10	1111	3.04	42	5	ND	2	47	4.7	25	2	172	.21	.081	15	39	.47	623	.09	3	1.66	.01	.09	1	25
24200E 16900N	1	24	23	129	.9	27	11	300	3.83	11	5	ND	9	33	1.5	3	3	99	.18	.027	19	51	.68	633	.16	4	2.81	.01	.10	1	10
24200E 16950N	1	14	20	142	.2	21	9	479	2.92	10	5	ND	2	25	.6	2	6	72	.23	.036	13	34	.53	405	.07	3	1.98	.01	.04	1	10
24200E 17000N	1	15	15	151	.2	25	7	267	2.80	9	5	ND	4	20	1.1	2	2	76	.18	.039	15	36	.49	289	.08	3	2.02	.01	.05	1	10
24200E 17050N	1	26	23	138	.3	35	6	183	1.94	17	5	ND	3	37	1.2	2	4	65	.32	.074	12	39	.52	453	.06	4	1.53	.01	.04	1	10
24200E 17100N	1	43	15	121	.8	47	5	185	1.69	10	5	ND	1	28	2.4	2	2	68	.35	.058	14	47	.45	324	.05	4	1.26	.01	.06	1	25
24200E 17150N	1	39	26	326	.2	53	8	198	1.89	16	5	ND	4	43	2.3	3	6	137	.54	.076	16	56	.73	345	.07	7	1.62	.02	.04	1	10
24200E 17200N	1	39	21	429	.6	52	12	413	3.15	35	5	ND	3	53	3.4	2	2	217	.44	.100	21	51	.59	394	.06	5	2.32	.01	.07	1	20
24200E 17250N	1	21	19	214	.2	47	11	444	3.46	13	5	ND	1	45	3.6	3	2	116	.37	.134	15	48	.54	417	.06	3	2.54	.01	.06	1	15
24200E 17300N	1	15	12	118	.1	33	6	205	2.86	13	5	ND	1	30	1.3	4	2	136	.27	.074	15	43	.56	241	.05	3	2.06	.01	.04	1	10
RE 24200E 17500N	1	35	25	139	.2	30	12	484	3.83	69	5	ND	5	38	1.0	3	3	98	.35	.140	33	54	.61	223	.10	4	2.06	.01	.11	1	600
24200E 17350N	1	54	24	230	.2	68	8	510	1.97	19	5	ND	1	63	1.9	13	2	155	.60	.204	14	78	.46	293	.04	4	1.21	.01	.08	1	35
24200E 17400N	1	36	27	198	.1	46	8	302	4.07	38	5	ND	1	34	1.0	6	2	280	.25	.134	16	64	.51	367	.04	3	1.84	.01	.06	1	25
24200E 17450N	1	33	25	138	.4	29	9	311	3.09	21	5	ND	2	73	2.0	6	2	97	.27	.092	24	45	.59	240	.11	5	1.54	.01	.12	1	80
24200E 17500N	1	31	23	127	.1	27	11	445	3.49	65	5	ND	5	35	.7	5	2	89	.33	.129	31	50	.56	202	.10	4	1.75	.01	.09	1	535
24200E 17550N	1	58	35	232	.4	71	21	564	4.10	64	5	ND	12	45	1.3	8	2	111	.35	.118	38	64	.79	301	.16	3	2.74	.01	.19	1	320
24200E 17600N	1	28	24	110	.1	26	9	236	3.91	29	5	ND	5	43	.7	7	2	70	.12	.048	27	36	.60	291	.06	3	2.46	.02	.12	1	145
24200E 17650N	1	17	17	85	.1	23	9	225	3.53	31	5	ND	4	25	.6	17	2	65	.13	.037	18	37	.54	187	.06	4	2.59	.01	.08	1	230
24200E 17700N	1	22	11	70	.1	23	9	286	2.63	13	5	ND	3	31	.4	2	2	48	.26	.062	24	27	.52	202	.08	3	1.58	.01	.08	1	20
24200E 17750N	1	16	25	104	.1	16	5	145	3.63	30	5	ND	1	49	.3	2	2	93	.14	.039	22	37	.56	193	.12	3	2.19	.01	.09	1	50
24200E 17800N	1	18	32	281	.1	21	11	513	4.24	42	5	ND	7	63	1.4	3	2	90	.24	.077	25	51	.83	308	.19	3	3.06	.01	.17	1	55
24200E 17850N	1	14	14	61	.1	15	5	124	2.01	12	5	ND	1	22	.5	2	2	45	.15	.038	17	24	.36	136	.04	3	1.23	.01	.06	1	65
24200E 17900N	1	25	10	65	.1	21	7	236	2.38	14	5	ND	2	21	.5	2	2	45	.20	.050	20	25	.46	181	.06	3	1.32	.01	.06	2	40
24200E 17950N	1	16	20	89	.1	20	8	197	2.87	19	5	ND	1	25	.5	2	2	50	.12	.048	22	29	.42	155	.04	2	1.50	.01	.08	1	40
24200E 18000N	1	20	18	242	.4	30	17	562	3.66	17	5	ND	4	17	2.3	2	2	67	.11	.035	16	30	.42	184	.08	2	2.21	.01	.07	1	65
24200E 18050N	1	20	19	122	.6	28	9	215	3.05	16	5	ND	3	20	1.4	2	2	75	.10	.045	19	27	.29	203	.09	2	1.27	.01	.09	1	60
24200E 18100N	1	23	33	155	.1	37	16	354	3.45	35	5	ND	5	33	1.4	6	2	56	.11	.046	26	34	.46	205	.08	3	1.83	.01	.10	1	450
24200E 18150N	1	21	25	123	.1	19	6	187	2.33	33	5	ND	1	28	.7	3	2	46	.12	.054	21	25	.37	147	.03	2	1.42	.01	.07	1	135
24200E 18200N	1	21	99	196	1.1	14	7	310	3.62	94	5	ND	4	73	4.4	12	2	50	.15	.094	49	27	.52	175	.05	2	1.81	.02	.11	1	245
24200E 18250N	1	12	27	47	.2	7	2	74	1.06	25	5	ND	1	12	1.0	2	2	31	.04	.029	16	9	.08	72	.01	2	.64	.01	.03	1	60
24200E 18300N	1	15	52	113	.8	11	5	309	2.63	124	5	ND	1	19	.8	2	2	50	.08	.056	17	18	.23	94	.02	2	1.03	.01	.07	1	65
24200E 18350N	1	16	113	217	.3	16	8	357	3.17	55	5	ND	3	27	1.3	4	2	54	.12	.046	21	24	.25	141	.04	3	1.19	.01	.07	1	140
STANDARD C	19	62	38	130	7.3	69	32	1055	3.91	43	21	6	39	53	18.7	19	22	58	.48	.089	41	58	.87	174	.09	32	1.91	.07	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24200E 18400N	1	17	316	308	2.5	10	6	697	3.39	165	5	2	2	53	4.3	16	2	57	.09	.067	28	18	.08	259	.02	2	1.04	.01	.10	1	450
24200E 18450N	1	21	206	153	.9	8	5	842	1.50	31	5	ND	1	34	4.5	5	3	29	.30	.060	31	16	.07	207	.01	3	.67	.01	.06	1	265
24200E 18500N	1	20	133	335	2.1	13	7	565	2.69	75	5	ND	5	54	4.0	8	2	50	.51	.068	39	24	.26	338	.02	2	1.29	.01	.08	2	400
24200E 18550N	1	24	312	420	2.7	17	8	710	3.61	118	5	ND	10	71	2.9	10	2	57	.77	.099	49	34	.40	332	.04	2	1.45	.01	.09	1	445
24200E 18600N	1	16	85	149	1.1	15	7	451	2.28	85	5	ND	4	96	.5	5	2	51	1.00	.057	31	28	.37	504	.03	4	1.19	.01	.07	1	405
24200E 18650N	2	13	74	110	.8	13	14	1282	2.76	275	5	ND	4	79	.2	8	5	58	.30	.067	30	26	.33	576	.02	6	1.33	.01	.10	1	570
24200E 18700N	1	9	19	84	.5	13	6	302	3.35	30	5	ND	4	19	.6	2	2	70	.10	.031	16	27	.27	402	.07	2	1.92	.01	.05	2	40
24200E 18750N	1	4	28	33	.3	6	2	94	1.81	16	5	ND	3	12	.2	2	2	65	.08	.015	16	15	.13	108	.08	2	.96	.01	.04	1	15
24200E 18800N	23	30	80	26	3.0	3	1	30	2.02	186	11	ND	1	46	.2	19	7	70	.03	.044	18	18	.06	560	.02	8	.72	.01	.08	2	7200
24200E 18850N	9	23	30	53	2.0	13	5	206	2.13	90	5	ND	4	123	.2	26	2	105	.10	.059	17	29	.24	1125	.04	5	1.03	.01	.09	1	2600
24200E 18900N	5	61	34	388	1.1	50	10	311	3.52	273	5	ND	5	90	2.2	77	3	109	.21	.063	27	40	.34	574	.04	4	1.49	.01	.09	1	2200
24200E 18950N	1	15	35	115	.4	18	7	257	2.47	58	5	ND	4	50	.2	16	2	53	.23	.057	25	25	.40	535	.03	5	1.58	.01	.07	1	240
24200E 19000N	16	31	9	345	.4	38	4	89	1.77	18	5	ND	1	40	2.4	16	2	171	.16	.043	21	25	.20	398	.02	8	1.23	.01	.13	1	315
24200E 19050N	18	51	11	400	1.0	84	9	249	2.74	22	5	ND	4	78	2.8	17	2	122	.43	.071	16	33	.45	614	.04	8	1.55	.01	.13	1	450
24200E 19100N	9	67	5	399	1.0	90	5	489	1.16	10	5	ND	1	144	8.5	12	2	62	2.75	.104	8	15	.54	693	.02	10	.71	.01	.04	1	390
24200E 19150N	19	78	4	747	.5	84	3	580	.73	9	5	ND	1	145	13.8	12	2	86	3.33	.085	5	14	.60	511	.01	12	.49	.01	.03	1	825
24200E 19200N	2	95	6	475	1.5	82	7	993	1.61	14	5	ND	1	129	3.7	3	2	72	2.01	.126	7	28	.49	565	.03	8	.85	.02	.04	1	650
24200E 19250N	6	27	46	336	.8	38	11	694	3.16	91	5	ND	7	93	3.0	34	2	125	.49	.094	30	29	.42	759	.04	4	1.25	.01	.09	2	490
24200E 19300N	1	40	18	122	.4	43	17	848	3.44	32	5	ND	4	38	.5	2	2	52	.41	.026	14	33	.49	498	.04	7	2.15	.02	.12	3	60
RE 24200E 19200N	2	94	7	475	1.7	82	8	991	1.61	15	5	ND	1	126	3.5	4	4	72	2.00	.126	7	25	.49	561	.02	8	.85	.02	.05	1	590
24200E 19350N	1	33	2	106	.1	14	3	815	.50	3	5	ND	1	168	1.1	2	2	11	2.91	.072	2	5	.44	639	.01	9	.30	.01	.04	1	120
24200E 19400N	2	28	31	166	.9	23	6	265	2.17	43	5	ND	3	76	1.6	7	2	66	.70	.082	26	28	.52	722	.05	5	1.59	.02	.09	1	450
24200E 19450N	1	9	2	108	.1	5	1	325	.19	2	5	ND	1	241	.3	2	2	4	4.82	.062	2	2	.75	196	.01	20	.14	.01	.02	1	120
24200E 19500N	1	28	11	114	.1	38	13	397	3.00	24	5	ND	4	51	.3	2	2	43	.60	.025	15	28	.47	444	.03	6	1.91	.01	.15	2	45
24200E 19550N	1	26	14	113	.4	39	14	612	3.25	17	5	ND	3	31	.2	2	2	46	.34	.034	14	28	.40	674	.03	5	2.08	.01	.14	1	65
24200E 19600N	1	17	10	68	.1	21	13	689	2.52	4	5	ND	2	27	.2	2	2	42	.34	.020	11	23	.33	597	.04	4	1.79	.02	.13	1	25
24200E 19650N	1	40	11	102	.2	33	12	327	3.43	14	5	ND	4	41	.2	2	2	44	.31	.035	13	27	.45	460	.03	4	1.72	.01	.12	1	20
24200E 19700N	1	24	13	112	.2	30	15	541	3.32	13	5	ND	2	26	.5	2	2	51	.22	.040	13	29	.43	483	.04	4	2.26	.01	.11	1	25
24200E 19750N	1	20	11	110	.1	27	11	462	3.51	11	5	ND	3	22	.3	2	2	58	.21	.027	14	34	.54	477	.06	4	2.72	.01	.10	1	15
24200E 19800N	1	39	12	92	.1	25	12	1442	3.50	9	5	ND	2	23	.2	2	2	43	.17	.039	12	23	.24	381	.03	4	1.74	.01	.15	1	75
24200E 19850N	1	15	6	75	.2	17	2	95	1.02	3	5	ND	1	46	.5	2	2	16	.27	.078	8	10	.06	362	.02	4	.77	.01	.03	1	135
24200E 19900N	1	19	3	113	.2	13	4	208	.90	15	5	ND	1	77	.6	2	2	11	.85	.092	5	8	.18	426	.01	6	.49	.01	.05	1	345
24200E 19950N	3	22	11	66	.2	21	6	176	2.82	21	5	ND	3	24	.2	2	2	55	.12	.028	14	24	.28	258	.04	4	1.58	.01	.08	1	65
24200E 20000N	1	23	10	69	.6	12	2	67	1.02	4	5	ND	1	19	1.4	2	2	17	.10	.067	6	11	.07	434	.02	4	.72	.01	.04	1	110
24200E 20050N	2	74	4	146	.3	37	41	439	12.36	10	5	ND	2	10	1.4	2	2	217	.11	.084	10	18	.81	221	.01	2	3.41	.01	.03	1	445
24200E 20100N	1	39	5	191	.8	15	5	667	1.07	4	5	ND	1	96	.9	2	2	16	1.29	.098	4	9	.22	326	.01	6	.49	.02	.06	1	415
24200E 20150N	1	23	11	84	.1	13	4	120	1.94	14	5	ND	1	26	.2	2	2	49	.19	.050	13	18	.13	201	.03	3	.94	.01	.07	1	75
STANDARD C	18	60	40	132	7.4	71	33	1058	3.96	42	16	6	38	52	18.9	15	21	55	.48	.090	38	59	.89	175	.09	32	1.92	.06	.13	13	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24200E 20200N	1	23	2	44	.2	11	2	249	.63	3	5	ND	1	119	.2	2	2	8	3.83	.075	4	4	.41	503	.01	10	.40	.01	.03	1	165
24200E 20250N	3	36	13	91	.4	26	12	422	3.04	19	5	ND	3	56	.5	2	2	39	.69	.072	12	18	.27	581	.01	8	1.22	.01	.15	1	310
24200E 20300N	1	19	2	74	.3	10	3	337	.70	9	5	ND	1	142	.6	2	2	10	5.12	.077	6	6	.18	408	.01	19	.38	.01	.03	1	165
24200E 20350N	1	25	9	77	.8	21	6	146	2.07	36	5	ND	1	28	.2	2	2	44	.36	.046	13	19	.10	395	.02	5	.93	.01	.08	1	70
24200E 20400N	1	62	11	121	.4	58	19	536	5.09	1405	5	ND	1	61	.6	9	2	74	.56	.067	13	43	.29	955	.01	3	1.57	.01	.09	1	795
24200E 20450N	1	43	9	100	.4	36	15	918	3.11	238	5	ND	1	61	.5	2	2	60	1.51	.089	12	51	.79	955	.03	4	1.55	.02	.04	1	470
24200E 20500N	1	40	11	126	.4	44	14	544	3.61	27	5	ND	1	86	.8	2	2	72	1.19	.111	15	41	.84	952	.03	9	1.82	.01	.10	1	155
24300E 19000N	6	61	23	415	2.5	104	12	202	3.33	41	5	ND	1	132	.3	17	2	110	.44	.293	5	52	.05	325	.01	12	.77	.01	.11	1	295
24300E 19050N	9	79	14	595	3.0	106	11	278	3.42	49	5	ND	3	102	1.0	7	2	101	.43	.142	16	39	.35	835	.05	6	1.58	.01	.08	1	995
24300E 19100N	26	59	17	482	1.5	90	9	265	3.02	38	8	ND	1	101	1.5	4	2	148	.77	.093	9	24	.28	650	.02	6	1.44	.01	.10	1	835
24300E 19150N	7	50	14	305	2.2	55	9	336	2.76	82	5	2	1	73	1.2	4	2	94	.43	.139	14	37	.29	502	.03	6	1.43	.01	.10	1	430
24300E 19200N	2	17	11	129	.6	24	6	195	2.49	17	5	ND	3	40	.5	2	2	50	.45	.068	14	24	.43	319	.06	4	1.47	.02	.07	1	110
24300E 19250N	2	17	11	109	.6	20	12	731	2.93	63	5	ND	1	33	.6	2	2	56	.32	.069	14	21	.34	293	.05	4	1.49	.02	.07	1	155
24300E 19300N	1	18	9	96	.2	21	8	288	2.79	15	5	ND	2	32	.4	2	2	51	.36	.070	17	24	.41	248	.07	4	1.50	.02	.07	1	35
24300E 19350N	1	24	11	100	.3	24	9	300	3.13	11	5	ND	5	35	.3	2	2	51	.44	.078	19	24	.43	325	.07	4	1.62	.02	.07	1	45
24300E 19400N	4	25	27	234	.6	39	10	398	2.80	68	5	ND	4	79	1.6	14	2	70	.55	.097	23	22	.34	830	.03	5	1.28	.01	.09	1	310
24300E 19450N	2	55	19	181	1.3	62	15	280	3.78	15	5	ND	3	85	.9	2	2	38	1.35	.038	15	24	.44	351	.01	9	1.81	.01	.17	1	170
24300E 19500N	2	46	17	127	.5	47	17	443	3.79	16	5	ND	4	23	.2	2	2	36	.27	.028	12	23	.36	440	.02	5	1.66	.01	.16	1	85
24300E 19550N	1	43	17	105	.3	38	21	846	3.69	6	5	ND	4	22	.8	2	2	42	.34	.032	14	27	.68	466	.03	5	2.40	.01	.17	1	35
24300E 19600N	1	56	13	131	.1	43	18	300	3.97	22	5	ND	3	29	.2	2	2	40	.25	.032	11	23	.30	470	.02	2	1.77	.01	.12	1	25
24300E 19650N	1	22	10	80	.4	31	10	205	3.35	11	5	ND	5	21	.4	2	2	53	.18	.022	13	30	.42	218	.06	2	2.43	.01	.10	1	20
24300E 19700N	2	20	9	73	.1	26	9	182	3.28	10	5	ND	3	28	.2	2	2	53	.17	.018	12	26	.39	273	.05	3	2.16	.01	.07	1	30
24300E 19750N	1	26	13	196	.6	34	13	307	4.12	13	5	ND	2	33	.7	2	2	72	.13	.091	12	30	.33	336	.05	2	2.56	.01	.07	1	25
24300E 19800N	1	14	10	67	.2	18	6	192	2.67	8	5	ND	1	28	.2	2	2	44	.33	.051	13	21	.32	242	.04	3	1.59	.01	.05	1	80
24300E 19850N	3	28	15	77	.4	24	5	182	2.56	12	5	ND	1	47	.2	2	2	35	.19	.116	10	19	.13	247	.02	5	.95	.01	.08	1	230
24300E 19900N	6	32	18	92	.7	26	6	127	2.29	61	5	ND	1	61	.2	3	2	44	.12	.083	11	18	.08	416	.01	7	.74	.01	.10	1	490
24300E 19950N	2	28	9	88	.2	29	17	322	5.67	32	5	ND	3	23	.2	2	3	70	.11	.043	14	25	.40	295	.04	4	2.56	.01	.07	1	45
24300E 20000N	2	56	7	117	.8	38	10	327	3.68	18	5	ND	1	93	.9	2	2	66	1.03	.090	22	24	.29	1018	.01	5	1.73	.01	.07	1	175
RE 24300E 19850N	3	28	15	79	.4	25	6	187	2.57	12	5	ND	1	48	.2	2	2	36	.21	.117	10	17	.12	266	.01	5	.94	.01	.08	1	185
24400E 18000N	1	19	20	71	.5	11	2	41	1.78	29	5	ND	1	22	1.8	2	2	27	.09	.155	9	20	.09	160	.01	3	1.51	.02	.05	1	505
24400E 18050N	1	9	41	69	.4	9	3	108	2.57	66	5	ND	2	35	.4	9	3	53	.08	.039	24	18	.16	139	.04	3	1.60	.01	.07	1	205
24400E 18100N	1	12	57	137	.8	12	5	253	3.23	73	5	ND	5	20	.7	8	2	56	.10	.028	21	20	.29	132	.03	2	1.93	.01	.07	1	30
24400E 18150N	1	11	38	88	1.3	9	3	170	2.54	118	5	ND	1	17	.3	5	2	49	.11	.034	17	19	.17	136	.04	2	1.73	.01	.04	1	115
24400E 18200N	1	11	33	48	.8	7	2	90	1.91	33	5	ND	1	14	.2	2	2	69	.08	.028	20	17	.08	92	.06	2	1.27	.01	.02	1	60
24400E 18250N	1	17	612	353	1.3	13	7	627	4.04	226	7	ND	3	26	1.3	18	2	53	.20	.065	30	18	.26	129	.02	2	1.83	.01	.10	1	75
24400E 18300N	1	14	102	210	.6	12	7	588	4.86	90	5	ND	3	17	.4	10	2	72	.15	.059	18	17	.17	104	.01	2	1.75	.01	.09	1	80
24400E 18350N	2	24	143	904	1.3	13	10	743	5.46	164	9	ND	7	34	3.8	5	3	86	.36	.058	58	22	.28	264	.04	2	1.97	.01	.09	1	170
STANDARD C	18	57	37	123	7.4	70	32	1053	3.99	40	24	8	38	52	17.3	15	22	54	.46	.093	37	56	.86	178	.08	33	1.95	.07	.15	13	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24400E 18400N	1	6	176	203	.5	10	9	370	2.58	41	5	ND	5	53	.9	2	2	53	.60	.084	18	22	.39	165	.04	2	1.22	.01	.06	1	580
24400E 18450N	3	14	76	285	1.0	14	9	343	2.53	88	5	ND	5	88	1.7	3	2	37	.61	.058	32	18	.30	413	.02	7	1.02	.01	.07	1	535
24400E 18500N	1	24	70	166	1.2	16	10	545	2.27	105	5	ND	1	80	4.9	2	2	25	.85	.083	43	17	.23	367	.02	5	.98	.01	.04	1	730
24400E 18550N	2	9	62	162	.9	12	9	440	3.02	201	5	ND	5	36	.7	2	4	51	.27	.059	22	24	.42	197	.03	3	1.30	.01	.06	1	360
24400E 18600N	2	8	25	89	.3	13	7	232	2.02	93	5	ND	2	30	.6	2	2	43	.23	.060	18	20	.33	176	.04	5	.99	.01	.05	1	250
24400E 18650N	5	24	122	157	1.9	20	14	1351	2.96	441	5	ND	2	99	1.3	3	2	50	.26	.071	26	27	.21	818	.01	5	1.04	.01	.09	1	415
24400E 18700N	3	10	40	47	.7	6	4	197	1.02	15	5	ND	3	101	.6	2	2	28	.96	.052	30	13	.13	1004	.01	11	.68	.01	.09	1	200
24400E 18850N	6	47	17	299	2.4	43	6	189	1.66	51	5	ND	2	54	2.0	47	2	145	.31	.067	17	51	.26	485	.02	6	1.26	.01	.04	1	5700
24400E 18900N	21	27	14	483	.5	61	8	208	2.19	66	5	ND	1	64	1.7	22	2	227	.23	.122	17	33	.27	339	.02	6	1.17	.01	.07	1	1250
24400E 18937N	28	51	15	745	.9	72	8	335	2.00	32	5	ND	2	58	7.2	28	2	343	.54	.052	29	29	.25	623	.01	7	1.10	.01	.11	1	690
24400E 19000N	5	58	11	479	3.2	86	9	271	2.26	22	5	ND	1	106	.9	8	2	81	.66	.158	8	51	.19	335	.01	7	.72	.01	.07	1	360
24400E 19050N	8	22	18	162	.2	25	6	158	3.25	78	5	ND	2	36	.7	2	2	78	.07	.029	11	23	.22	114	.05	3	1.16	.01	.06	1	100
24400E 19100N	2	33	17	172	.2	40	13	396	4.36	20	5	ND	4	15	.2	2	2	52	.11	.043	13	34	.42	153	.05	3	2.10	.01	.06	1	40
24400E 19150N	5	27	16	157	.4	33	9	226	2.58	35	5	ND	1	56	.7	5	2	108	.14	.065	13	27	.29	228	.03	3	1.10	.01	.07	1	445
24400E 19200N	13	136	11	904	3.7	179	12	169	2.57	51	7	ND	1	163	2.3	29	2	152	1.54	.571	20	106	.12	325	.02	16	.82	.01	.16	1	315
24400E 19250N	2	50	5	156	4.2	30	3	76	1.26	6	5	ND	1	59	1.1	3	2	46	.51	.216	15	40	.17	209	.03	5	.81	.01	.07	1	740
24400E 19300N	4	60	10	559	1.0	61	7	174	1.79	14	5	ND	3	52	4.8	5	2	155	.54	.085	15	29	.40	316	.04	4	1.17	.01	.08	1	785
24400E 19350N	2	27	11	113	.1	27	12	312	2.67	11	5	ND	3	36	.5	2	2	45	.52	.069	17	26	.49	357	.06	6	1.39	.01	.06	1	85
RE 24400E 19200N	13	141	11	938	3.8	189	12	173	2.65	53	15	ND	1	169	2.2	30	2	155	1.62	.597	20	111	.13	330	.02	12	.85	.01	.16	1	315
24400E 19400N	7	52	22	141	.4	43	12	398	3.30	27	5	ND	3	116	.6	2	2	58	.68	.168	17	25	.35	569	.02	8	1.08	.01	.15	1	235
24400E 19450N	2	43	5	59	.4	30	8	551	1.41	4	5	ND	1	114	.4	2	2	25	2.52	.070	8	17	.52	562	.02	8	.84	.01	.08	1	285
24400E 19500N	4	55	15	114	.7	38	12	268	3.06	13	5	ND	1	85	.2	2	2	49	.98	.086	11	28	.52	620	.02	5	1.57	.01	.13	1	260
24400E 19550N	1	21	11	72	.1	24	12	220	3.14	15	5	ND	3	21	.2	2	2	41	.23	.023	11	23	.36	211	.04	4	1.40	.01	.09	1	10
24400E 19600N	1	16	10	68	.1	19	14	536	2.73	10	5	ND	4	15	.2	2	2	46	.13	.012	13	27	.39	350	.05	2	1.77	.01	.06	1	20
24400E 19650N	10	50	23	139	1.0	47	13	184	3.92	95	5	ND	3	86	.3	2	2	79	.23	.110	14	33	.33	506	.02	5	1.52	.01	.17	1	390
24400E 19700N	8	18	28	61	.9	15	6	186	2.89	19	5	ND	3	138	.2	2	2	76	.25	.162	13	33	.17	605	.03	6	.86	.01	.17	1	40
24400E 19750N	3	14	22	69	.4	12	7	202	3.45	15	5	ND	2	76	.2	2	2	103	.16	.270	11	31	.21	730	.04	4	1.55	.01	.09	1	40
24400E 19800N	1	33	8	28	.5	7	2	30	1.47	3	5	ND	1	28	.2	2	2	14	.14	.166	7	17	.05	170	.01	5	.81	.01	.03	1	265
24400E 19850N	4	21	12	66	.2	26	11	171	4.65	37	5	ND	3	42	.2	2	2	87	.14	.057	12	34	.22	463	.02	3	1.91	.01	.07	1	40
24400E 19900N	1	38	7	87	.1	58	29	943	5.48	9	5	ND	3	42	.2	2	2	105	.44	.056	21	68	.81	2115	.01	6	3.41	.01	.09	1	110
24400E 19950N	1	39	6	88	.3	45	21	781	3.51	7	5	ND	1	148	.2	2	2	56	2.57	.115	19	46	.45	1274	.01	8	1.49	.01	.08	1	575
24400E 20000N	1	30	5	118	.1	28	18	616	3.30	11	5	ND	1	91	.3	2	2	64	1.56	.109	17	26	.71	750	.03	4	1.62	.01	.06	1	120
24500E 19000N	1	14	10	53	.1	16	7	145	2.36	23	5	ND	2	24	.2	2	2	46	.13	.022	13	22	.31	169	.04	4	1.34	.01	.05	1	50
24500E 19050N	2	32	14	83	.6	21	8	112	2.68	77	5	ND	2	43	.4	2	2	47	.14	.040	11	19	.14	517	.02	3	1.28	.02	.09	1	105
24500E 19100N	1	28	2	65	.2	10	3	371	.47	7	5	ND	1	201	.3	2	2	6	4.42	.066	3	5	.62	747	.01	10	.37	.01	.02	1	195
24500E 19200N	4	58	7	398	1.8	55	10	649	1.74	43	5	ND	1	110	3.7	21	2	153	1.28	.138	13	32	.41	479	.03	6	.87	.01	.07	1	2100
24500E 19250N	1	23	8	73	.1	17	7	130	2.03	786	5	ND	1	22	.2	2	2	32	.19	.043	7	12	.09	213	.02	2	.67	.01	.07	1	65
STANDARD C	19	55	37	133	7.4	70	32	1055	3.99	43	23	7	39	52	18.6	15	21	56	.48	.090	39	58	.88	177	.09	34	1.89	.06	.15	13	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24500E 19300N	1	27	8	115	.2	31	11	351	2.71	44	5	ND	3	49	.3	2	3	40	.76	.073	16	25	.58	380	.07	4	1.32	.02	.09	1	50
24500E 19350N	9	22	7	256	.5	62	18	7052	2.02	54	5	ND	1	144	3.6	9	2	50	2.76	.094	10	20	.36	531	.02	16	1.05	.02	.05	1	400
24500E 19400N	1	52	7	75	.9	36	10	693	1.94	4	5	ND	1	88	.5	2	2	29	2.82	.067	15	17	.44	739	.03	3	1.29	.02	.08	1	245
24500E 19450N	1	25	2	98	.2	22	12	1253	3.22	4	5	ND	1	66	.7	2	2	26	2.42	.087	11	20	.54	620	.02	14	1.41	.02	.13	1	60
24500E 19500N	1	50	11	145	.3	40	21	622	3.64	8	5	ND	5	37	.3	2	2	45	.20	.042	14	31	.37	811	.02	5	2.05	.01	.16	1	15
24500E 19550N	3	32	13	198	.2	48	18	680	3.30	11	5	ND	3	30	.6	2	2	48	.41	.041	15	35	.58	867	.02	7	2.19	.01	.24	1	10
24500E 19600N	3	30	10	120	.1	33	13	235	3.39	12	5	ND	3	31	.2	2	2	57	.29	.022	14	30	.44	539	.03	2	1.91	.01	.09	1	20
24500E 19650N	1	40	18	145	.1	36	24	1300	4.05	7	5	ND	3	32	.4	2	2	50	.39	.044	15	37	.58	814	.05	4	2.81	.01	.16	1	40
24500E 19700N	1	28	11	124	.1	30	16	736	4.29	2	5	ND	4	18	.2	2	5	52	.14	.028	14	32	.48	620	.04	2	2.74	.01	.12	1	10
24500E 19750N	1	18	8	63	.4	18	3	83	.86	2	6	ND	1	44	.2	2	3	6	.34	.114	6	8	.04	359	.01	4	.57	.01	.04	1	370
24500E 19900N	3	18	6	51	.2	13	4	39	1.51	5	5	ND	1	58	.2	2	4	16	.84	.102	6	16	.10	339	.01	4	.60	.01	.04	1	175
24500E 19950N	1	21	2	90	.1	22	7	490	1.00	20	5	ND	1	123	.3	2	2	14	2.86	.074	6	15	.24	588	.01	9	.45	.01	.04	1	145
24500E 20000N	1	81	2	81	.7	23	5	318	1.34	33	10	ND	1	117	.9	2	2	12	2.11	.132	21	9	.26	595	.02	5	.80	.01	.04	1	275
24600E 15500N	1	23	8	81	.1	21	10	235	2.48	10	5	ND	3	38	.2	2	3	37	.47	.063	19	23	.45	256	.06	4	1.25	.02	.08	1	15
24600E 15550N	1	22	13	88	.2	24	16	362	2.59	8	5	ND	2	31	.2	2	2	39	.28	.054	23	27	.48	350	.05	3	1.60	.01	.10	1	40
24600E 15600N	1	45	21	221	.8	55	17	516	3.47	18	5	ND	5	73	2.3	3	2	49	.57	.083	26	29	.53	989	.03	4	1.82	.01	.15	1	70
RE 24600E 15850N	1	19	10	86	.6	19	9	175	3.08	11	5	ND	5	16	.2	2	2	42	.09	.022	14	25	.38	217	.03	3	1.61	.01	.10	1	20
24600E 15650N	1	42	21	138	.1	45	21	494	4.99	8	5	ND	29	50	.2	2	2	108	.50	.139	74	108	1.79	377	.33	3	2.16	.01	.53	1	15
24600E 15700N	1	45	56	158	.1	34	21	554	5.85	12	5	ND	33	80	.4	2	2	128	.82	.260	65	129	2.22	614	.38	2	2.61	.02	.94	1	15
24600E 15750N	1	18	11	88	.2	29	12	228	3.09	10	5	ND	4	19	.2	2	3	45	.13	.031	16	32	.46	377	.04	3	1.79	.01	.11	1	5
24600E 15800N	1	27	17	114	.7	36	15	275	4.27	15	5	ND	6	16	.2	2	2	65	.10	.034	14	43	.58	332	.06	4	3.21	.01	.12	1	35
24600E 15850N	1	19	10	80	.3	17	9	163	2.91	12	5	ND	4	15	.2	2	2	40	.08	.020	13	24	.35	203	.02	2	1.55	.01	.09	1	30
24600E 15900N	1	21	14	259	.3	30	22	700	3.33	7	5	ND	4	18	.7	2	2	65	.11	.036	16	36	.35	610	.02	3	3.13	.01	.11	1	50
24600E 15950N	1	22	14	111	.4	27	11	203	3.24	11	5	ND	4	16	.2	2	2	48	.09	.025	14	31	.44	274	.03	2	2.19	.01	.11	1	30
24600E 16000N	1	15	10	103	.2	27	11	228	2.87	11	5	ND	4	15	.2	2	2	46	.10	.025	15	28	.42	244	.04	4	1.87	.01	.08	1	20
24600E 16050N	1	21	12	110	1.0	23	12	221	3.04	12	5	ND	5	15	.2	2	2	50	.09	.021	17	33	.49	283	.05	5	2.33	.01	.10	1	25
24600E 16100N	1	18	12	120	.4	23	10	186	2.70	8	5	ND	4	17	.2	2	4	43	.11	.021	20	29	.44	284	.04	3	1.99	.01	.10	1	5
24600E 16150N	1	15	12	103	.2	21	10	198	2.41	7	5	ND	4	28	.2	2	2	36	.14	.025	25	23	.37	391	.02	5	1.66	.01	.12	1	15
24600E 16200N	1	27	15	173	.1	34	18	264	2.89	11	5	ND	4	20	.3	2	2	45	.15	.034	24	30	.49	399	.03	5	2.18	.01	.10	1	15
24600E 16250N	1	23	13	80	.1	23	10	196	3.38	8	7	ND	4	36	.5	2	2	62	.32	.021	18	34	.53	301	.07	2	2.10	.01	.08	1	15
24600E 16300N	3	71	25	126	2.2	50	16	514	3.81	7	9	ND	2	227	.8	2	2	51	2.08	.125	57	33	.53	1433	.01	3	2.91	.01	.17	1	220
24600E 16350N	1	10	9	65	.2	14	7	343	2.53	6	5	ND	3	29	.3	2	2	44	.27	.025	20	22	.38	368	.04	3	1.49	.01	.09	1	10
24600E 16400N	1	10	12	63	.2	16	8	302	2.51	6	5	ND	4	28	.2	2	2	46	.19	.024	21	24	.38	450	.04	3	1.46	.01	.10	1	25
24600E 16450N	1	19	25	118	.2	24	11	269	3.27	14	6	ND	5	20	.4	2	2	53	.12	.039	20	32	.49	376	.04	4	2.50	.01	.11	1	5
24600E 16500N	2	25	15	92	.2	29	12	458	3.41	9	6	ND	5	80	.2	2	2	49	.14	.043	21	29	.50	458	.04	3	1.97	.01	.11	1	20
24600E 16550N	1	16	14	129	.7	27	17	325	3.34	10	5	ND	4	20	.5	2	2	61	.12	.040	16	37	.50	274	.07	3	2.67	.01	.07	1	30
24600E 16600N	1	9	13	77	.4	11	8	204	2.18	6	5	ND	3	19	.2	2	2	45	.12	.027	20	22	.29	228	.04	3	1.69	.01	.08	1	5
STANDARD C	19	60	38	135	7.5	75	32	1092	4.04	43	17	7	40	53	19.0	14	18	57	.50	.092	40	59	.88	181	.09	36	1.92	.06	.15	11	1300

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24600E 16650N	1	14	13	101	.2	17	10	184	3.12	17	5	ND	5	20	.2	2	2	48	.09	.031	21	28	.43	187	.04	4	1.84	.01	.08	1	5
24600E 16700N	2	14	16	119	.5	15	9	181	3.93	8	5	ND	3	17	.2	2	2	67	.09	.049	23	30	.36	198	.04	4	2.02	.01	.08	1	35
24600E 16750N	1	20	14	73	.1	19	13	259	3.48	12	5	ND	2	28	.2	2	2	48	.06	.047	22	25	.33	142	.03	5	1.53	.01	.10	1	30
24600E 16800N	1	26	19	78	.4	24	9	106	2.06	6	9	ND	1	68	.4	2	2	26	.12	.073	22	24	.34	269	.01	6	1.37	.01	.11	1	50
24600E 16850N	2	22	15	109	.3	20	11	258	4.39	15	5	ND	3	23	.5	2	2	58	.12	.039	16	33	.50	236	.05	5	2.07	.01	.11	1	10
24600E 16900N	1	16	14	103	.4	19	11	242	3.54	10	5	ND	4	17	.2	2	2	51	.09	.045	16	31	.39	166	.05	3	2.14	.01	.08	1	35
24600E 16950N	1	31	19	89	.6	14	5	81	1.94	6	5	ND	1	28	.9	2	2	28	.12	.056	23	23	.27	366	.02	3	1.55	.01	.08	1	45
24600E 17000N	1	80	26	620	1.6	75	13	524	2.66	17	10	ND	1	64	18.3	2	2	250	.85	.161	25	64	.70	1101	.05	5	1.89	.02	.10	1	65
24600E 17050N	1	16	112	135	.9	15	5	129	2.04	28	5	ND	1	25	1.2	117	2	84	.17	.060	18	23	.23	334	.05	7	1.03	.01	.10	1	20
24600E 17100N	2	30	44	181	.8	28	10	196	3.84	26	5	ND	3	28	1.1	8	2	130	.14	.055	22	34	.53	381	.06	5	1.82	.01	.14	1	20
24600E 17150N	1	18	24	118	1.0	14	10	505	2.41	9	5	ND	1	25	3.5	4	2	66	.15	.052	21	25	.21	585	.04	2	1.14	.01	.10	1	25
24600E 17200N	2	13	23	122	.2	19	10	244	3.37	31	5	ND	2	25	1.1	2	2	100	.19	.059	20	29	.44	308	.07	4	1.54	.01	.12	1	10
24600E 17250N	1	14	51	144	.4	18	12	322	3.39	47	5	ND	1	39	1.1	3	2	77	.22	.049	17	29	.31	202	.06	2	1.71	.01	.07	1	30
24600E 17300N	1	19	69	217	.7	19	11	227	2.95	91	5	ND	3	58	1.6	8	2	67	.21	.056	18	33	.45	234	.08	3	1.52	.01	.10	1	20
24600E 17350N	2	13	29	83	.8	13	7	380	2.55	45	5	ND	1	25	1.0	6	2	66	.15	.070	15	27	.28	233	.04	2	1.20	.01	.07	1	65
24600E 17400N	2	21	37	124	.7	17	5	142	2.11	23	5	ND	1	34	2.2	4	2	74	.25	.061	21	26	.30	407	.06	2	1.16	.01	.11	1	50
24600E 17450N	2	32	130	85	1.3	16	5	97	2.11	61	5	ND	1	34	1.5	16	2	38	.19	.064	22	21	.23	246	.01	5	1.27	.01	.09	1	220
24600E 17500N	3	14	52	96	.2	14	8	208	2.67	57	5	ND	4	45	.3	36	2	45	.12	.033	28	19	.21	230	.02	3	1.00	.01	.11	1	15
24600E 17550N	2	35	34	95	.2	18	7	168	2.80	37	5	ND	1	30	1.4	23	2	53	.15	.044	27	26	.34	336	.02	3	1.35	.01	.08	1	70
24600E 17600N	3	55	34	219	.2	39	17	466	4.35	80	5	ND	2	41	2.0	17	2	70	.15	.081	37	37	.61	423	.02	2	2.68	.01	.13	1	95
RE 24600E 17400N	3	21	42	126	.9	15	5	138	2.14	27	5	ND	1	34	1.9	7	2	74	.25	.062	22	26	.30	405	.05	4	1.18	.01	.12	1	55
24600E 17650N	2	12	34	78	.1	10	4	114	2.31	37	5	ND	1	15	.3	4	2	64	.09	.031	25	33	.21	93	.05	2	1.20	.01	.06	1	15
24600E 17700N	5	31	47	178	.5	27	28	1212	4.77	286	5	ND	2	50	.4	28	4	89	.17	.087	35	41	.74	285	.03	4	1.80	.01	.14	1	50
24600E 17750N	2	24	37	138	1.0	24	24	1106	3.18	57	5	ND	1	39	.8	4	2	48	.24	.075	28	42	.62	294	.04	4	1.78	.01	.09	1	135
24600E 17800N	1	19	47	155	1.2	20	16	665	3.02	139	11	ND	1	27	.5	5	3	47	.20	.074	24	33	.56	175	.04	4	1.57	.01	.10	1	55
24600E 17850N	1	14	23	91	.6	16	6	207	2.37	40	5	ND	1	30	.2	4	2	45	.22	.067	21	27	.42	181	.04	2	1.38	.01	.07	1	145
24600E 17900N	1	11	20	176	.2	15	11	626	3.18	43	5	ND	2	22	1.7	2	2	50	.18	.059	21	27	.43	201	.05	2	1.62	.01	.08	1	65
24600E 17950N	1	11	17	85	.1	7	3	69	1.36	24	5	ND	1	19	.9	2	2	32	.10	.059	17	16	.14	167	.01	2	1.23	.01	.05	1	65
24600E 18000N	1	12	28	83	.6	11	5	128	2.25	41	5	ND	1	26	1.1	3	2	45	.18	.030	21	24	.35	188	.04	3	1.64	.01	.07	1	90
24600E 18050N	1	18	46	195	.6	17	8	254	3.29	119	7	ND	8	26	1.1	7	2	44	.15	.022	21	27	.51	188	.04	3	1.91	.01	.08	1	160
24600E 18100N	2	14	55	203	2.3	16	9	306	3.91	152	5	ND	5	28	1.4	3	3	57	.22	.058	20	27	.46	195	.04	4	1.83	.01	.10	1	145
24600E 18150N	1	8	88	253	.3	8	5	254	2.59	140	25	ND	1	23	1.2	2	8	32	.11	.046	15	14	.23	143	.01	2	1.07	.01	.07	1	130
24600E 18200N	1	11	40	400	.9	13	8	469	3.13	46	5	ND	5	21	2.8	2	2	45	.12	.035	17	22	.33	173	.03	2	1.72	.01	.06	1	95
24600E 18250N	1	14	73	604	.4	16	11	814	4.63	148	10	ND	7	39	2.6	2	2	48	.32	.091	38	21	.34	259	.01	4	1.74	.01	.08	1	155
24600E 18300N	1	18	166	881	.7	16	14	695	4.47	223	5	ND	5	43	4.5	2	4	34	.19	.098	37	15	.23	94	.01	2	1.02	.01	.09	1	465
24600E 18350N	2	27	144	579	2.3	20	10	564	3.30	130	9	ND	1	111	10.3	2	5	43	.24	.092	38	21	.24	392	.02	2	1.38	.01	.11	1	515
24600E 18400N	4	22	336	567	4.5	15	26	2811	4.24	210	5	ND	3	137	14.4	2	6	65	.44	.114	37	26	.28	675	.01	2	1.74	.01	.15	1	1250
STANDARD C	19	58	38	136	7.2	74	32	1070	4.00	42	21	7	40	52	18.8	15	22	56	.51	.092	39	58	.89	181	.09	34	1.95	.06	.16	13	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24600E 18450N	2	13	127	387	.8	19	19	996	3.24	56	5	ND	7	71	3.8	2	2	58	.39	.086	36	29	.46	456	.03	3	1.48	.01	.10	1	780
24600E 18500N	4	19	35	163	.3	21	12	963	2.81	92	5	ND	2	88	1.0	2	2	61	.21	.057	33	28	.34	821	.02	3	1.37	.01	.10	1	190
24600E 18550N	8	25	24	327	.2	75	15	647	4.15	85	6	ND	6	76	2.9	2	2	139	.14	.099	26	41	.39	709	.02	3	2.08	.01	.09	1	70
24600E 18600N	4	19	55	171	.1	32	11	321	3.98	41	5	ND	5	33	1.0	2	2	113	.15	.039	18	39	.43	357	.04	2	2.53	.01	.08	1	85
24600E 18650N	1	18	32	90	.1	26	15	440	3.84	11	5	ND	9	19	.4	2	2	60	.15	.029	18	38	.55	348	.07	2	2.46	.01	.06	1	35
24600E 18700N	4	18	20	65	.3	15	6	137	2.13	18	9	ND	1	77	.6	2	2	83	.13	.066	21	29	.29	811	.02	7	1.34	.01	.07	1	165
24600E 18750N	4	71	46	523	.6	104	25	615	6.35	72	5	ND	11	176	2.7	5	2	100	1.18	.168	77	72	.40	870	.02	2	1.90	.01	.08	1	105
24600E 18800N	2	35	28	141	.9	40	10	1205	2.27	23	5	ND	1	227	2.3	2	2	73	2.46	.126	30	24	.23	1277	.01	9	.83	.01	.06	1	655
24600E 18850N	9	105	28	204	5.4	48	4	83	1.08	28	6	ND	1	298	4.9	84	3	434	.25	.164	26	132	.06	1976	.01	6	.63	.01	.08	1	6000
24600E 18900N	8	36	14	190	2.1	32	11	471	2.33	105	5	ND	1	92	3.0	34	2	210	.59	.173	17	41	.35	612	.03	3	.98	.02	.09	1	3500
24600E 19000N	1	30	5	97	.4	16	3	115	.92	2	5	ND	1	135	.5	2	2	13	2.53	.116	7	9	.41	618	.02	7	.70	.01	.04	1	215
24600E 19050N	1	25	6	74	.5	16	6	304	1.23	5	5	ND	1	106	.6	2	2	10	1.86	.118	12	11	.41	620	.02	5	.77	.01	.04	1	220
24600E 19100N	1	37	14	131	.6	36	15	503	3.20	29	5	ND	1	81	.2	2	2	38	1.25	.078	12	28	.54	534	.03	3	1.43	.01	.10	1	390
24600E 19150N	3	28	12	241	.1	46	15	360	3.45	147	5	ND	3	44	.2	3	2	46	.27	.048	14	30	.48	330	.05	5	1.62	.01	.10	1	115
24600E 19200N	2	32	13	211	.2	44	12	254	3.03	192	6	ND	2	45	.2	3	2	37	.35	.047	14	24	.42	442	.04	2	1.29	.01	.09	1	305
24600E 19250N	1	22	12	123	.1	25	8	136	2.44	51	5	ND	4	35	.2	2	2	43	.36	.053	18	27	.49	370	.06	4	1.51	.01	.10	1	125
24600E 19300N	3	31	20	256	.4	45	14	570	2.90	53	10	ND	2	74	1.4	13	2	74	.84	.086	21	30	.52	653	.04	5	1.48	.02	.08	1	1150
24600E 19350N	2	39	10	82	.2	24	9	456	2.41	2	6	ND	1	83	.3	2	2	36	1.34	.042	12	25	.47	795	.03	3	1.64	.02	.11	1	60
24600E 19400N	6	48	22	139	.1	39	23	1047	4.11	7	5	ND	4	34	.2	2	2	42	.40	.031	14	28	.48	703	.02	4	2.19	.01	.20	1	50
24600E 19450N	1	28	16	106	.1	31	17	1102	3.38	4	5	ND	3	30	.3	2	2	42	.36	.029	13	28	.47	940	.03	2	2.00	.01	.18	1	30
24600E 19500N	3	39	17	204	.1	51	26	1710	4.29	7	5	ND	3	41	.4	2	2	51	.44	.049	14	30	.47	1488	.04	2	2.33	.02	.23	1	30
24600E 19550N	1	26	16	123	.1	35	19	1372	4.09	5	5	ND	3	28	.4	2	2	49	.20	.032	12	30	.41	922	.04	2	2.36	.01	.17	1	25
24600E 19600N	2	14	8	45	.4	13	5	152	1.57	3	6	ND	2	18	.2	2	2	52	.11	.022	15	18	.14	261	.05	4	1.05	.01	.07	1	25
24600E 19650N	1	22	16	78	.6	26	13	278	5.00	20	8	ND	5	18	.2	2	2	65	.13	.040	14	43	.51	258	.08	2	3.13	.01	.09	2	130
24600E 19700N	2	14	13	76	.1	15	9	356	4.26	10	5	ND	2	16	.2	2	4	67	.11	.044	14	27	.27	221	.08	3	1.50	.01	.08	1	40
RE 24600E 19500N	3	37	17	194	.1	49	24	1608	4.10	9	5	ND	3	39	.3	2	2	49	.42	.046	13	29	.45	1413	.04	3	2.25	.01	.23	1	35
24600E 19750N	2	26	7	77	.2	32	19	685	3.05	2	5	ND	1	62	.3	2	2	79	1.08	.104	14	35	.32	1211	.01	5	1.87	.01	.09	1	150
24600E 19800N	3	24	10	78	.3	32	8	147	2.28	246	5	ND	1	103	.4	5	2	53	.17	.073	13	30	.16	836	.02	5	1.07	.01	.08	1	690
24600E 19850N	1	19	8	75	.4	14	14	652	3.24	7	5	ND	1	41	.2	2	2	44	.46	.077	22	18	.31	492	.04	2	1.43	.02	.06	1	90
24600E 19900N	1	31	2	60	.1	12	7	1202	1.45	2	5	ND	1	219	.3	2	2	28	3.45	.102	12	11	.44	478	.02	7	.83	.01	.03	1	125
24600E 19950N	1	18	3	44	.1	13	3	63	.81	36	9	ND	1	123	.2	2	2	10	2.62	.093	5	12	.28	421	.01	5	.41	.01	.03	1	265
24600E 20000N	1	11	6	36	.2	11	2	50	.88	4	6	ND	1	55	.2	2	2	19	.91	.083	8	16	.24	386	.01	4	.70	.02	.06	1	180
24600E 20050N	1	16	15	62	.1	19	6	116	2.23	6	10	ND	1	34	.2	2	2	40	.32	.108	15	30	.45	264	.04	3	1.36	.01	.09	1	215
24600E 20100N	1	14	7	79	.1	19	8	237	2.41	10	5	ND	1	32	.2	2	2	45	.32	.059	14	29	.51	259	.06	2	1.31	.02	.08	1	100
24600E 20200N	6	153	18	242	.5	49	18	470	4.24	12	9	ND	4	97	.9	2	2	81	1.28	.202	23	28	.72	1044	.01	11	1.98	.01	.37	1	315
24600E 20250N	1	36	8	131	.2	35	19	885	4.31	7	5	ND	2	43	.7	2	2	83	1.01	.085	23	47	.83	1003	.05	6	2.74	.01	.35	1	45
24600E 20300N	2	40	16	169	.3	45	22	1559	4.85	7	6	ND	1	57	1.3	2	2	129	1.26	.095	39	70	.97	1384	.09	4	3.40	.02	.16	1	90
STANDARD C	18	58	38	130	7.0	67	33	1021	3.91	42	25	6	36	52	18.4	14	20	56	.48	.089	37	57	.87	182	.09	34	1.84	.06	.15	11	1400

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24600E 20350N	1	22	7	69	.1	27	17	371	3.75	6	5	ND	3	45	.2	2	2	84	.48	.022	11	38	.96	1344	.18	5	3.40	.01	.08	1	15
24600E 20400N	1	18	9	54	.1	19	15	623	2.85	4	5	ND	3	31	.3	2	2	59	.53	.016	15	32	.45	782	.04	2	1.89	.01	.05	1	35
24600E 20450N	1	9	7	62	.1	18	13	465	3.47	4	5	ND	2	21	.4	2	2	53	.23	.027	20	27	.33	385	.04	2	1.47	.01	.10	1	20
24600E 20500N	1	39	2	64	.1	70	28	1616	3.67	2	5	ND	2	34	.4	2	2	84	.59	.033	11	103	1.11	4488	.14	7	2.74	.02	.09	1	55
24700E 19000N	1	18	7	74	.1	27	11	213	2.82	20	5	ND	2	20	.4	2	2	47	.16	.025	12	25	.39	243	.05	3	1.53	.01	.06	1	55
24700E 19050N	1	41	13	114	.7	31	16	622	3.26	39	5	ND	1	63	.6	2	2	48	.54	.092	15	28	.37	753	.03	2	2.07	.01	.08	1	275
24700E 19100N	1	27	12	106	.7	26	11	229	2.07	21	5	ND	1	49	.3	2	2	35	.50	.077	10	26	.38	432	.02	3	1.38	.01	.08	1	330
24700E 19150N	1	41	6	189	.5	34	25	3748	2.60	39	5	ND	1	103	1.4	2	2	26	1.25	.119	5	16	.33	820	.02	8	.81	.01	.07	1	240
24700E 19200N	1	26	8	65	.1	17	8	121	2.58	78	5	ND	3	35	.3	2	2	26	.26	.040	9	15	.21	347	.01	6	.87	.01	.11	1	240
24700E 19250N	1	24	5	61	.1	18	10	238	2.26	31	5	ND	3	39	.2	2	2	32	.32	.053	13	20	.31	381	.02	4	1.22	.01	.08	1	215
24700E 19300N	1	17	14	174	.3	23	9	191	1.99	27	5	ND	2	66	1.0	3	2	45	1.11	.064	14	21	.45	407	.04	5	1.07	.01	.05	1	425
24700E 19350N	4	45	16	186	.6	36	23	1141	3.88	6	5	ND	1	41	1.1	2	2	35	.48	.077	9	20	.25	800	.02	2	1.27	.01	.14	1	65
24700E 19400N	5	40	25	138	.4	53	22	669	3.67	17	5	ND	3	140	.2	2	2	59	.51	.178	16	26	.28	853	.02	5	1.37	.01	.19	1	55
24700E 19450N	1	20	7	73	.1	27	14	464	2.84	19	5	ND	3	29	.3	2	2	35	.20	.040	12	22	.33	411	.02	2	1.53	.01	.10	1	25
24700E 19500N	2	39	10	113	.3	39	15	248	3.44	37	5	ND	2	33	.5	2	2	37	.11	.043	9	21	.21	459	.01	3	1.59	.01	.09	1	30
24700E 19550N	1	30	8	98	.2	35	14	545	3.00	126	5	ND	1	56	.4	2	2	45	.43	.058	14	28	.50	590	.04	3	1.56	.01	.08	1	345
24700E 19600N	1	10	5	65	.2	12	4	105	1.37	9	5	ND	1	45	.3	2	2	23	.54	.063	7	18	.31	319	.02	3	.79	.01	.06	1	150
24700E 19650N	1	29	3	62	.4	35	14	215	2.84	7	5	ND	1	41	.3	2	2	74	.42	.046	12	37	.46	1330	.01	6	1.98	.01	.09	1	130
24700E 19700N	2	37	5	122	.1	54	25	308	4.74	7	5	ND	1	53	.5	2	2	94	.26	.077	13	43	.67	973	.01	6	2.44	.01	.12	1	155
24700E 19750N	1	13	2	59	.3	12	4	51	1.04	4	5	ND	1	102	.4	2	3	16	2.19	.091	7	10	.13	672	.01	8	.51	.01	.05	1	255
24700E 19800N	4	29	4	118	.2	36	21	480	4.02	37	5	ND	1	52	.3	2	2	119	.35	.079	13	55	.75	732	.01	4	2.06	.01	.12	1	790
RE 24700E 19650N	1	31	9	67	.4	35	14	232	3.03	10	5	ND	1	43	.6	2	2	78	.42	.047	13	39	.49	1384	.01	4	2.13	.01	.09	1	130
24700E 19850N	1	45	2	97	.2	76	29	1048	4.82	14	5	ND	1	158	.3	2	2	101	2.19	.105	19	68	1.19	902	.02	6	1.72	.01	.07	1	130
24700E 19900N	1	56	2	92	.2	69	31	1499	5.44	260	5	ND	1	108	.2	2	4	94	1.71	.084	24	77	1.01	857	.01	3	1.80	.01	.05	1	330
24700E 19950N	2	22	13	65	.3	19	11	532	2.58	29	5	ND	1	35	.2	2	2	59	.23	.128	10	27	.27	389	.02	3	1.09	.01	.09	1	150
24700E 20000N	1	21	3	105	.3	43	18	244	3.13	7	5	ND	1	38	.4	2	2	79	.40	.095	15	55	.94	963	.02	6	2.18	.01	.10	1	140
24800E 18050N	1	12	27	124	.4	14	7	225	2.39	28	6	ND	2	18	.7	2	2	39	.13	.029	16	22	.38	136	.04	3	1.24	.01	.05	1	115
24800E 18100N	1	18	35	195	.3	20	9	287	3.42	39	5	ND	7	19	1.0	2	2	54	.12	.023	21	31	.50	193	.05	3	2.04	.01	.06	1	220
24800E 18150N	1	10	20	109	.2	12	7	234	2.90	23	5	ND	4	14	.7	2	2	53	.11	.023	15	25	.36	130	.05	5	1.70	.01	.05	1	50
24800E 18200N	2	15	53	167	.1	20	11	349	3.00	26	5	ND	7	97	.5	2	2	45	.29	.051	31	23	.39	473	.03	3	1.20	.01	.08	1	270
24800E 18250N	3	15	23	127	.2	25	12	805	2.87	22	5	ND	2	143	.6	3	2	56	.11	.045	32	27	.25	516	.03	4	1.08	.01	.12	1	30
24800E 18300N	3	30	36	121	.2	28	16	914	3.14	23	8	ND	1	79	1.7	3	2	54	.23	.065	51	39	.27	654	.04	4	1.07	.01	.10	1	65
24800E 18350N	3	14	39	106	.2	15	14	960	4.03	14	7	ND	5	55	.3	2	2	93	.27	.040	18	38	.66	3714	.13	6	2.45	.02	.08	1	70
24800E 18400N	2	19	37	158	.2	14	12	419	3.41	18	5	ND	6	82	.4	2	2	83	.50	.072	23	40	.93	911	.07	2	2.61	.01	.09	1	20
24800E 18450N	1	14	22	119	.3	18	10	676	2.63	13	5	ND	6	80	.5	2	2	56	.71	.091	31	35	.68	602	.07	4	1.60	.01	.06	1	70
24800E 18500N	1	21	19	99	.2	21	10	154	2.35	11	9	ND	7	45	.3	2	2	52	.32	.066	29	31	.53	615	.06	6	1.53	.01	.08	1	95
24800E 18550N	1	9	16	81	.2	16	7	222	2.08	13	5	ND	3	42	.2	2	2	44	.31	.063	19	25	.45	453	.05	4	1.24	.01	.07	1	145
STANDARD C	19	56	39	137	7.2	72	32	1058	4.02	42	18	6	39	52	18.6	16	21	55	.49	.091	39	58	.90	176	.09	34	1.91	.06	.15	13	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24800E 18600N	3	13	15	62	.3	12	5	166	2.78	32	5	ND	1	35	.4	2	2	56	.24	.078	16	25	.29	444	.03	5	1.18	.01	.05	1	175
24800E 18650N	4	17	30	131	.8	18	8	269	2.23	28	7	ND	1	61	.9	2	2	95	.29	.089	20	29	.33	611	.02	5	1.24	.01	.06	1	400
24800E 18800N	4	26	10	160	.5	33	10	204	2.70	55	6	ND	3	35	.4	88	2	74	.23	.020	15	30	.40	566	.05	5	1.62	.01	.07	1	1450
24800E 18850N	1	24	8	80	.3	27	10	228	3.02	16	5	ND	4	29	.2	2	3	51	.23	.020	14	30	.47	351	.05	2	1.75	.01	.05	1	150
24800E 18900N	1	9	9	58	.1	14	8	173	3.42	12	6	ND	3	13	.2	2	2	57	.10	.022	14	30	.36	167	.06	5	2.02	.01	.05	1	65
24800E 19000N	1	13	10	72	.1	20	10	241	3.36	13	5	ND	4	15	.2	2	3	53	.11	.018	12	30	.41	203	.07	2	2.03	.01	.05	1	45
24800E 19050N	1	39	6	124	.4	39	12	351	3.58	92	5	ND	1	63	.3	2	2	29	.53	.069	10	22	.36	332	.03	8	1.30	.01	.08	1	370
24800E 19100N	1	29	2	121	.4	20	5	748	1.06	24	5	ND	1	294	.4	2	2	10	3.00	.094	4	8	.50	641	.01	7	.61	.01	.03	1	235
24800E 19150N	1	27	4	109	.2	23	15	1090	2.03	29	5	ND	1	110	1.0	2	3	23	1.22	.067	8	17	.38	642	.02	9	1.06	.01	.07	1	235
24800E 19200N	1	22	5	136	.4	23	9	514	2.20	38	9	ND	1	66	.6	2	2	27	1.01	.064	7	18	.40	446	.02	8	1.14	.01	.10	1	205
24800E 19250N	2	32	6	297	.2	44	3	204	.65	8	5	ND	1	152	2.4	3	2	11	3.21	.072	3	6	.43	526	.01	14	.39	.01	.03	1	165
24800E 19300N	1	16	2	97	.3	10	2	348	.29	2	5	ND	1	130	1.0	2	2	3	3.73	.072	2	3	.48	905	.01	19	.20	.01	.05	1	190
24800E 19350N	2	60	19	167	.2	39	33	2129	3.27	5	5	ND	1	61	.7	2	2	21	1.46	.138	10	18	.41	1410	.01	7	1.40	.01	.15	1	100
24800E 19400N	8	105	51	264	1.7	128	36	1364	5.73	25	8	ND	5	270	.5	2	2	102	1.54	.459	29	41	.35	629	.02	17	1.83	.01	.47	1	295
24800E 19450N	4	23	22	46	.6	16	5	89	3.10	12	10	ND	2	79	.2	2	2	70	.13	.167	8	32	.16	790	.02	8	1.21	.01	.15	1	240
24800E 19500N	1	36	5	111	.1	43	24	706	5.58	2	5	ND	1	29	.8	2	2	115	.39	.148	9	46	.66	1103	.01	5	2.92	.01	.11	1	25
24800E 19550N	1	14	2	81	.1	16	4	159	1.11	2	5	ND	1	77	.8	2	2	6	1.34	.102	7	5	.07	1056	.01	8	.66	.01	.02	1	145
24800E 19600N	1	11	8	49	.1	14	5	97	1.59	16	5	ND	1	27	.3	2	2	31	.24	.054	12	22	.28	313	.02	4	1.08	.01	.06	1	125
24800E 19650N	2	16	8	72	.2	20	7	120	2.38	110	5	ND	1	47	.2	2	2	44	.31	.062	13	27	.38	438	.03	4	1.36	.01	.08	1	390
24800E 19700N	1	41	4	138	.3	61	25	765	4.35	6	5	ND	1	108	.6	2	2	72	2.26	.098	17	56	.55	834	.01	9	1.75	.01	.09	1	350
24800E 19750N	2	34	3	123	.1	34	16	299	4.21	10	5	ND	2	33	.5	2	2	66	.34	.055	17	38	.44	544	.02	3	1.59	.01	.11	1	185
RE 24800E 19500N	2	35	2	108	.1	41	23	676	5.35	2	6	ND	2	28	.8	2	2	111	.38	.138	9	44	.64	1066	.01	2	2.80	.01	.10	1	35
24800E 19800N	2	28	8	93	.4	36	23	952	4.70	29	5	ND	1	53	.5	2	2	91	.82	.141	15	44	.53	994	.01	8	1.83	.01	.07	1	435
24800E 19850N	1	22	4	88	.1	17	7	574	1.12	5	5	ND	1	241	.2	2	2	18	3.42	.071	5	11	.45	591	.01	10	.46	.01	.03	1	160
24800E 19900N	2	40	7	95	.2	39	25	955	4.79	16	5	ND	1	93	.2	2	2	104	1.25	.107	15	51	1.18	1044	.02	4	1.93	.01	.06	1	255
24800E 19950N	1	32	3	125	.1	44	25	663	4.69	17	5	ND	2	61	.3	2	2	91	.87	.084	15	53	1.24	776	.06	7	2.12	.02	.09	1	220
24800E 20000N	1	18	7	95	.1	27	14	380	3.01	12	5	ND	1	38	.2	2	2	55	.43	.072	15	32	.60	504	.06	6	1.43	.02	.08	1	75
24800E 20100N	1	46	10	328	.4	48	12	298	2.20	5	5	ND	2	84	2.2	2	2	70	1.12	.084	14	30	.54	855	.04	8	1.35	.01	.08	1	265
24800E 20150N	1	43	7	284	.3	53	18	225	3.14	11	7	ND	4	43	.8	2	2	70	.62	.087	19	41	.79	1379	.07	4	1.65	.01	.09	1	175
24800E 20200N	3	147	11	133	.2	40	17	286	7.13	10	9	ND	3	20	.5	2	2	74	.11	.051	16	38	.10	455	.02	3	.97	.01	.07	1	30
24800E 20250N	1	49	7	81	.1	56	21	282	4.83	5	5	ND	2	29	.4	2	2	99	.34	.018	11	73	.88	1405	.06	3	2.99	.01	.07	1	70
24800E 20300N	1	69	2	86	.1	32	33	1692	7.00	3	5	ND	1	72	.5	2	2	191	1.10	.060	37	25	1.73	4626	.39	9	3.41	.02	.11	1	110
24800E 20350N	1	45	2	75	.1	24	17	808	4.24	2	5	ND	1	99	.4	2	2	95	2.15	.062	24	34	.95	1926	.12	6	2.29	.02	.06	1	115
24800E 20400N	1	44	5	73	.1	43	24	885	4.37	7	5	ND	2	31	.2	2	2	94	.39	.033	18	65	1.01	2030	.03	9	2.64	.01	.09	1	60
24800E 20450N	2	37	6	56	.1	24	24	937	5.99	3	5	ND	1	41	.2	2	3	134	.71	.042	14	46	.48	1138	.02	6	2.16	.01	.07	1	95
24800E 20500N	1	67	2	54	.1	66	23	768	4.41	2	5	ND	1	74	.2	2	2	104	1.53	.047	31	132	2.20	5411	.13	9	3.31	.02	.08	1	160
STANDARD C	18	58	36	129	7.3	70	34	1037	3.91	40	23	6	38	54	18.3	15	19	57	.48	.083	37	57	.82	186	.09	32	1.80	.06	.14	13	1550

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
24900E 19000N	1	25	9	155	.1	23	10	687	1.70	11	5	ND	1	107	.6	2	2	24	1.85	.068	6	15	.53	448	.02	12	.80	.01	.06	1	115
24900E 19050N	1	22	11	59	.3	21	6	167	1.81	26	5	ND	1	121	.2	2	2	32	1.03	.050	9	20	.43	532	.02	6	1.18	.01	.06	1	265
24900E 19100N	1	18	3	74	.2	11	3	471	.43	4	5	ND	1	435	.6	2	2	6	4.17	.071	2	4	.55	380	.01	10	.34	.02	.02	1	55
24900E 19150N	1	10	2	74	.1	10	1	146	.20	2	5	ND	1	99	.2	2	2	3	1.32	.061	2	2	.22	244	.01	6	.15	.01	.03	1	65
RE 24900E 19400N	1	35	10	102	.5	34	16	139	4.86	10	12	ND	1	138	.2	2	2	98	.32	.108	14	45	.49	497	.01	8	2.08	.03	.18	1	40
24900E 19200N	1	18	12	80	.1	21	8	167	2.16	15	5	ND	2	37	.2	2	2	39	.44	.060	14	24	.50	293	.05	5	1.23	.02	.06	1	35
24900E 19250N	2	33	11	58	.6	22	4	41	3.02	10	5	ND	1	74	.2	2	2	18	.92	.129	3	12	.06	514	.01	12	.39	.01	.05	1	405
24900E 19300N	4	53	29	44	2.1	69	7	99	2.61	14	6	ND	1	153	.4	2	2	62	2.39	.216	16	32	.15	559	.01	16	1.62	.01	.20	1	975
24900E 19350N	10	66	14	107	.7	50	13	123	4.88	16	9	ND	1	187	.2	2	2	54	.47	.167	16	21	.06	163	.01	12	.81	.01	.26	1	1050
24900E 19400N	2	37	10	105	.5	33	16	145	5.08	11	7	ND	1	144	.2	2	2	102	.32	.114	14	46	.51	539	.01	5	2.22	.03	.19	1	45
24900E 19450N	1	12	2	59	.1	8	2	57	.52	2	7	ND	1	44	.3	2	2	7	.75	.076	3	8	.06	630	.01	7	.30	.02	.03	1	75
24900E 19500N	2	24	8	65	.1	30	12	191	2.69	8	5	ND	1	55	.3	2	2	50	.81	.069	14	32	.29	1263	.01	8	1.35	.01	.06	1	185
24900E 19550N	1	31	10	81	.2	36	22	636	2.41	14	5	ND	1	77	.3	2	2	47	.54	.096	13	36	.36	1100	.01	7	1.39	.01	.09	1	445
24900E 19600N	1	25	4	60	.1	26	7	177	1.62	3	5	ND	1	50	.4	2	2	32	.59	.074	12	35	.22	819	.02	3	.99	.01	.05	1	170
24900E 19650N	1	43	9	102	.5	23	15	657	2.43	3	6	ND	1	74	.2	2	2	48	1.45	.110	11	22	.52	437	.02	7	1.20	.01	.06	1	230
24900E 19700N	1	37	4	98	.1	20	9	532	1.62	23	5	ND	1	134	.4	2	2	26	3.11	.092	9	16	.42	524	.02	8	.88	.01	.04	1	145
24900E 19750N	2	66	8	146	.2	53	19	468	4.25	30	6	ND	1	72	.5	2	2	69	.86	.089	20	38	.67	662	.03	7	1.65	.02	.10	1	270
24900E 19800N	1	11	2	156	.1	6	1	84	.21	2	5	ND	1	74	.8	2	3	3	1.87	.064	2	2	.14	186	.01	12	.12	.01	.02	1	110
24900E 19850N	1	28	2	166	.1	23	11	722	2.12	78	5	ND	1	108	.9	2	2	43	3.23	.086	10	21	.58	923	.04	17	.86	.01	.06	1	165
24900E 19900N	2	47	8	95	.1	33	16	560	3.33	78	5	ND	1	87	.5	2	2	69	2.19	.086	21	32	1.06	659	.06	9	1.60	.01	.09	1	185
24900E 19950N	3	21	2	68	.2	13	2	77	.32	2	5	ND	1	186	.7	2	2	6	4.22	.063	2	3	.51	534	.01	15	.20	.01	.02	1	280
24900E 20000N	1	26	10	54	.1	19	12	1268	2.04	3	5	ND	1	38	.6	2	2	34	.45	.027	9	17	.15	797	.03	5	.92	.01	.09	1	40
25000E 15500N	1	13	16	89	.3	22	10	221	2.93	12	5	ND	4	18	.2	2	2	48	.14	.031	19	27	.41	320	.03	2	1.73	.01	.06	1	5
25000E 15550N	1	26	18	80	.2	28	13	301	3.66	15	5	ND	15	31	.2	2	2	76	.26	.075	25	66	.89	364	.17	5	1.73	.01	.25	1	25
25000E 15600N	1	11	16	70	.4	12	10	953	2.30	7	5	ND	3	18	.6	2	2	42	.14	.067	20	20	.23	265	.03	3	1.25	.01	.05	1	10
25000E 15650N	1	10	14	98	.3	12	8	386	2.17	9	5	ND	2	16	.3	2	2	40	.10	.054	23	18	.20	353	.02	2	1.26	.01	.07	1	10
25000E 15700N	1	15	16	62	.3	17	8	147	2.77	25	5	ND	3	14	.3	2	2	40	.07	.029	18	20	.25	195	.02	2	1.31	.01	.06	1	20
25000E 15750N	1	27	69	98	.4	22	10	182	2.63	33	5	ND	4	20	.3	3	2	29	.09	.025	20	18	.30	216	.03	5	.98	.01	.07	1	35
25000E 15800N	1	20	24	94	.7	21	10	263	2.71	16	5	ND	3	21	.5	2	2	37	.13	.032	21	21	.35	268	.02	4	1.40	.01	.09	1	25
25000E 15850N	1	12	24	63	.2	13	7	215	1.79	7	5	ND	3	24	.4	2	2	30	.13	.032	29	15	.22	315	.03	5	.99	.01	.09	1	45
25000E 15900N	2	41	153	141	2.7	26	11	409	3.22	53	5	ND	3	226	1.3	9	3	31	1.20	.056	35	22	.43	802	.01	4	1.69	.02	.15	1	305
25000E 15950N	1	23	17	108	.3	22	9	220	2.96	40	5	ND	2	51	1.1	7	3	41	.37	.066	19	22	.45	423	.03	4	1.36	.01	.09	1	40
25000E 16000N	1	20	17	111	.5	20	9	292	1.99	11	5	ND	1	45	1.4	2	2	37	.36	.053	20	20	.41	360	.03	6	1.24	.01	.09	1	55
25000E 16050N	1	33	36	124	.5	28	13	599	2.55	13	5	ND	2	76	2.5	2	2	42	.58	.056	25	27	.53	560	.03	5	1.64	.01	.10	1	65
25000E 16100N	1	17	24	60	.1	14	6	119	1.93	18	5	ND	2	21	.6	2	2	30	.16	.025	17	19	.35	159	.03	2	1.13	.01	.06	1	15
25000E 16150N	3	35	91	146	.7	21	8	129	3.52	93	5	ND	5	35	1.0	3	2	37	.07	.039	33	19	.34	254	.01	5	1.48	.01	.12	1	275
25000E 16200N	1	32	116	143	5.3	26	11	216	3.36	86	5	ND	4	23	1.1	4	2	44	.11	.029	19	29	.47	277	.03	5	1.95	.01	.11	1	35
STANDARD C	19	58	36	132	7.2	70	32	1053	3.94	42	18	7	39	52	18.7	14	22	56	.48	.089	40	58	.88	174	.09	34	1.87	.06	.15	13	1650

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25000E 16250N	1	18	17	135	.3	23	16	314	2.88	12	5	ND	5	20	.6	2	2	52	.12	.027	18	29	.47	231	.05	5	1.93	.01	.08	1	20
25000E 16300N	1	24	23	192	.5	37	16	329	4.20	13	5	ND	5	21	.7	2	2	72	.13	.053	17	40	.60	323	.06	2	2.94	.01	.13	1	25
25000E 16350N	1	14	19	270	2.6	23	16	460	3.56	6	5	ND	4	17	.7	2	3	65	.16	.077	15	33	.42	303	.05	3	2.42	.01	.08	1	30
25000E 16400N	1	8	8	56	.4	9	4	114	1.74	5	5	ND	1	18	.3	2	2	40	.14	.041	17	15	.18	144	.04	3	.85	.01	.09	1	15
RE 25000E 16650N	2	17	119	165	.8	17	9	297	2.78	7	5	ND	5	27	.8	2	2	42	.10	.071	31	21	.27	212	.02	5	1.49	.01	.10	1	25
25000E 16450N	2	17	21	80	1.8	23	10	183	3.12	26	7	ND	5	13	.6	2	2	49	.08	.023	15	30	.43	181	.03	3	2.04	.01	.07	1	50
25000E 16500N	2	24	101	186	3.9	16	5	251	2.01	238	8	ND	2	39	3.3	2	2	35	.30	.039	23	20	.28	240	.03	4	1.21	.01	.09	1	65
25000E 16550N	2	18	137	401	6.5	18	11	709	3.31	352	5	ND	4	29	4.7	5	2	54	.17	.036	21	28	.39	285	.04	3	1.58	.01	.09	1	25
25000E 16600N	1	16	18	106	.8	21	11	318	3.13	13	5	ND	3	17	.7	2	2	50	.10	.057	17	27	.39	217	.03	3	1.55	.01	.10	1	25
25000E 16650N	2	17	112	160	.5	17	9	294	2.73	8	5	ND	4	26	.5	2	2	40	.10	.067	31	21	.26	209	.02	3	1.44	.01	.10	1	25
25000E 16700N	1	10	17	51	.1	11	6	174	2.53	10	5	ND	1	16	.2	2	2	51	.09	.048	19	24	.20	110	.03	4	1.33	.01	.06	1	25
25000E 16750N	3	47	47	187	.4	38	18	380	4.18	22	5	ND	5	52	1.7	2	2	44	.06	.074	47	24	.24	336	.01	4	1.91	.01	.15	1	45
25000E 16800N	1	21	46	136	1.2	19	8	141	2.41	21	5	ND	2	36	.7	2	2	27	.13	.062	36	20	.35	218	.01	7	1.25	.01	.12	1	150
25000E 16850N	6	32	239	210	5.3	22	12	537	3.39	344	5	ND	4	170	1.3	136	2	41	.09	.091	38	16	.16	583	.01	7	.88	.01	.13	1	395
25000E 16900N	3	16	121	179	2.6	14	14	809	2.92	243	5	ND	2	58	2.1	117	2	38	.12	.062	31	18	.25	285	.01	5	1.11	.01	.10	1	625
25000E 16950N	2	22	249	611	3.3	20	12	599	3.32	326	5	ND	7	42	5.9	238	2	48	.33	.046	26	26	.40	200	.03	5	1.63	.01	.08	1	180
25000E 17000N	1	15	25	160	.1	20	11	424	3.03	72	5	ND	7	32	.4	41	2	52	.28	.032	20	29	.51	184	.05	3	1.69	.01	.06	1	35
25000E 17050N	1	28	51	252	3.3	16	11	395	4.09	379	5	ND	5	92	2.6	33	3	46	.84	.060	48	20	.32	288	.02	4	1.60	.01	.11	1	105
25000E 17100N	1	23	161	361	5.9	15	8	360	3.47	384	7	ND	5	41	3.9	45	2	46	.22	.041	22	23	.36	205	.02	3	1.71	.01	.11	1	90
25000E 17150N	1	30	436	696	10.0	18	12	307	4.93	187	6	ND	8	28	3.3	87	2	80	.19	.060	22	34	.44	173	.05	4	2.55	.01	.13	1	120
25000E 17200N	1	15	28	126	1.4	20	9	294	3.19	39	9	ND	4	26	1.9	2	2	50	.21	.049	14	29	.43	226	.05	4	1.67	.01	.08	1	35
25000E 17250N	1	24	24	103	3.3	24	11	264	3.42	40	5	ND	10	34	.7	2	2	56	.23	.031	24	36	.58	216	.07	4	2.48	.01	.07	1	85
25000E 17300N	1	10	23	86	1.1	9	7	797	2.09	23	5	ND	3	21	1.2	3	2	38	.16	.042	15	16	.22	150	.06	3	.91	.01	.10	1	25
25000E 17350N	1	12	25	131	.4	15	8	294	2.98	48	5	ND	4	24	.7	2	2	49	.21	.036	19	25	.43	166	.04	4	1.63	.01	.06	1	45
25000E 17400N	2	16	35	210	1.5	11	7	622	2.92	60	5	ND	2	31	1.3	2	2	69	.29	.042	19	24	.34	173	.06	4	1.38	.01	.10	1	60
25000E 17450N	1	13	35	170	.5	16	9	253	2.68	50	5	ND	5	22	.8	3	2	41	.21	.038	22	23	.43	142	.03	5	1.46	.01	.06	1	65
25000E 17500N	1	23	134	364	1.5	14	11	484	3.81	233	5	ND	9	89	2.4	19	2	55	.87	.076	36	23	.38	213	.03	5	1.44	.01	.07	1	150
25000E 17550N	1	11	19	96	.7	18	11	305	3.53	96	5	ND	5	18	.5	2	2	61	.12	.025	15	29	.52	135	.06	4	1.98	.01	.07	1	20
25000E 17600N	2	19	88	175	1.4	15	9	303	4.12	326	5	ND	5	27	.7	16	2	67	.16	.052	16	30	.51	105	.07	4	1.85	.01	.10	1	45
25000E 17650N	2	20	70	350	1.9	10	9	391	4.22	146	5	ND	7	97	1.5	50	2	67	.40	.054	32	23	.65	210	.09	2	2.07	.01	.21	1	50
25000E 17700N	2	10	23	120	1.8	8	5	153	2.44	191	5	ND	3	18	.7	7	2	44	.08	.022	18	15	.17	77	.03	2	1.00	.01	.06	1	80
25000E 17750N	2	13	64	385	.4	9	7	542	3.08	118	5	ND	1	17	1.1	16	2	53	.12	.050	18	17	.24	98	.02	2	1.21	.01	.08	1	25
25000E 17800N	2	15	79	343	1.6	8	5	137	2.50	111	5	ND	1	12	1.2	14	2	57	.05	.030	18	18	.10	102	.02	2	1.10	.01	.05	1	45
25000E 17850N	1	25	141	592	3.0	13	9	911	2.38	83	5	ND	1	162	11.9	19	3	37	1.98	.090	50	26	.34	440	.01	3	1.49	.01	.07	1	320
25000E 17900N	4	36	44	200	1.0	28	8	273	2.32	33	8	ND	2	172	3.1	5	2	33	1.08	.062	37	15	.20	1174	.01	9	.95	.01	.11	1	50
25000E 17950N	5	21	43	199	.8	23	11	452	2.73	47	5	ND	4	132	1.8	4	2	43	.56	.053	30	17	.24	858	.01	5	.95	.01	.11	1	170
25000E 18000N	2	14	37	163	.7	19	9	281	2.81	26	6	ND	6	48	.8	2	2	52	.28	.039	32	26	.41	396	.03	2	1.48	.01	.07	1	100
STANDARD C	19	59	40	133	7.6	69	32	1060	3.98	42	21	7	40	53	18.7	16	18	57	.48	.091	40	59	.88	175	.09	33	1.89	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25000E 18100N	5	23	33	148	.5	31	13	630	2.91	23	5	ND	3	98	.5	2	2	61	.45	.056	41	30	.31	1482	.02	3	1.43	.01	.12	1	125
25000E 18150N	4	22	32	137	.5	26	8	325	2.69	18	5	ND	2	95	.9	2	2	54	.43	.051	29	27	.27	1034	.01	3	1.53	.01	.11	1	215
25000E 18200N	3	15	14	85	.2	21	8	284	2.58	13	5	ND	5	73	.2	2	2	53	.43	.029	26	26	.40	1265	.03	2	1.65	.01	.08	1	100
RE 25000E 18450N	2	10	31	131	.1	19	12	501	3.06	24	5	ND	5	47	.2	2	2	64	.41	.083	22	35	.71	1222	.03	2	1.97	.01	.06	1	95
25000E 18250N	1	19	13	91	.6	21	7	196	2.26	11	5	ND	2	133	.2	2	2	48	1.34	.041	74	23	.36	1722	.05	2	1.73	.01	.07	1	120
25000E 18300N	2	15	24	127	.1	14	8	347	4.16	20	5	ND	4	81	.2	2	2	113	.30	.059	19	46	.94	959	.09	2	2.60	.01	.05	1	20
25000E 18350N	2	16	30	123	.3	12	10	273	3.48	20	5	ND	5	96	.2	2	2	110	.39	.049	16	39	.83	9010	.19	2	2.92	.01	.09	1	25
25000E 18400N	1	13	34	123	.1	19	11	811	2.58	32	5	ND	2	51	.2	2	2	58	.31	.069	32	27	.47	1016	.02	2	1.79	.01	.07	1	40
25000E 18450N	1	10	31	122	.1	17	11	468	2.88	21	5	ND	4	45	.2	2	2	60	.38	.079	21	34	.65	1170	.04	2	1.84	.01	.06	1	95
25000E 18500N	1	11	19	90	.1	15	6	175	2.50	18	5	ND	4	36	.2	2	2	52	.32	.065	21	29	.53	706	.03	2	1.62	.01	.06	1	85
25000E 18550N	3	12	16	73	.1	16	8	300	2.47	15	5	ND	3	59	.2	2	2	51	.22	.052	16	21	.34	1076	.01	5	1.36	.01	.08	1	90
25000E 18600N	10	29	13	20	.4	7	2	49	1.64	48	5	ND	1	117	.2	4	2	77	.06	.039	4	18	.05	431	.01	9	.53	.01	.21	1	1550
25000E 18700N	4	21	7	92	.4	27	7	228	2.20	15	5	ND	2	39	.8	6	2	101	.39	.099	17	30	.45	378	.06	4	1.11	.01	.07	1	510
25000E 18750N	5	41	17	155	1.2	30	10	324	1.97	23	5	ND	1	59	1.3	489	2	51	.87	.043	10	24	.29	641	.01	4	1.18	.01	.09	1	725
25000E 18800N	2	50	10	379	.5	65	12	298	3.38	21	5	ND	1	53	.3	32	2	48	.59	.032	7	23	.25	547	.01	5	.86	.01	.10	1	510
25000E 18850N	1	74	11	180	.7	53	11	389	2.70	26	5	ND	1	110	.2	25	2	27	1.56	.046	8	22	.38	616	.01	7	.99	.01	.08	1	855
25000E 18900N	1	26	10	101	.2	26	11	459	2.39	13	5	ND	2	70	.2	2	2	42	.81	.061	13	27	.52	477	.04	4	1.42	.02	.08	1	145
25000E 19000N	1	31	14	105	.2	26	11	289	2.76	9	5	ND	4	39	.3	2	2	47	.51	.063	17	30	.63	371	.08	4	1.53	.02	.08	1	50
25000E 19050N	1	27	9	90	.1	28	9	249	2.31	9	5	ND	4	35	.2	2	3	42	.49	.073	17	27	.51	422	.07	3	1.25	.02	.07	1	30
25000E 19100N	5	30	10	263	.7	38	14	372	3.11	30	5	ND	1	57	2.9	7	2	163	.65	.115	14	33	.44	595	.04	4	1.39	.02	.06	1	450
25000E 19150N	4	20	13	206	.5	25	12	807	2.23	18	5	ND	1	44	1.6	6	2	106	.50	.084	14	33	.42	390	.04	2	1.38	.01	.06	1	495
25000E 19200N	4	25	15	166	.4	25	6	138	2.27	22	5	ND	3	40	.7	5	2	100	.46	.065	17	31	.48	342	.06	3	1.48	.01	.07	1	365
25000E 19250N	2	17	15	141	.3	20	8	207	2.37	17	5	ND	5	35	.5	2	2	56	.38	.086	19	26	.45	247	.07	5	1.16	.01	.06	1	160
25000E 19300N	12	93	47	170	1.2	61	11	167	5.52	192	5	ND	1	620	.2	4	2	123	.13	.547	25	51	.17	1060	.01	7	2.07	.01	.18	1	450
25000E 19350N	4	25	10	53	.4	22	6	89	1.46	11	5	ND	1	72	.2	2	2	36	.39	.085	7	24	.09	569	.01	7	.91	.01	.10	1	225
25000E 19400N	1	31	5	128	.2	36	14	349	3.04	43	5	ND	2	49	.3	2	2	59	.59	.089	15	36	.66	842	.05	5	1.33	.01	.09	1	140
25000E 19450N	1	32	4	64	.1	24	10	509	4.02	42	5	ND	1	73	.2	2	2	58	1.62	.065	15	32	.58	844	.04	3	1.51	.01	.06	1	110
25000E 19500N	1	38	7	76	.2	29	13	837	2.64	27	5	ND	1	80	.2	2	2	55	1.90	.069	14	29	.61	741	.03	6	1.54	.01	.07	1	175
25000E 19550N	1	76	8	106	1.2	35	11	641	2.86	12	5	ND	1	74	.6	2	2	50	1.36	.069	9	31	.46	994	.03	7	1.70	.01	.11	1	195
25000E 19600N	2	92	8	122	.3	45	15	346	4.41	60	5	ND	1	56	.2	2	2	67	1.07	.055	17	42	.50	727	.02	6	1.86	.01	.15	1	260
25000E 19650N	1	50	6	79	.2	61	20	736	3.54	42	5	ND	1	109	.2	2	2	58	2.96	.071	16	55	.63	872	.01	28	1.48	.01	.08	1	315
25000E 19700N	4	53	9	121	.2	53	24	475	5.62	102	5	ND	1	87	.4	3	2	103	.97	.085	18	44	.57	1179	.01	8	2.00	.02	.30	1	635
25000E 19750N	1	27	8	85	.1	34	17	460	3.82	46	5	ND	2	53	.2	2	2	78	.53	.048	15	39	.56	1185	.03	5	2.12	.01	.13	1	160
25000E 19800N	2	28	11	70	.1	27	11	218	3.39	28	5	ND	3	19	.2	2	2	64	.14	.023	12	36	.48	395	.05	3	2.02	.01	.08	1	25
25000E 19850N	2	54	9	100	.8	35	10	297	3.19	12	5	ND	1	75	.2	2	2	65	1.44	.083	17	37	.66	1142	.04	4	2.15	.01	.12	1	475
25000E 19900N	1	21	6	61	.1	25	8	180	2.59	6	5	ND	2	27	.2	2	2	45	.18	.023	11	25	.37	618	.03	3	1.42	.01	.08	1	35
25000E 19950N	1	35	15	140	.3	37	16	731	4.26	7	5	ND	2	40	.2	2	2	48	.52	.051	10	31	.39	747	.03	5	1.83	.01	.15	1	35
STANDARD C	19	58	38	134	7.0	71	31	1052	4.02	42	15	8	37	52	18.5	16	19	56	.49	.090	37	59	.87	179	.09	32	1.91	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25000E 20000N	1	85	25	181	.2	65	39	4003	5.79	2	5	ND	1	47	.3	2	2	26	.85	.089	14	18	.25	1074	.01	5	1.22	.01	.18	1	105
25000E 20050N	2	126	9	132	.4	41	13	403	3.28	2	5	ND	3	76	.3	2	2	53	.63	.053	11	32	.44	640	.03	8	1.45	.01	.10	1	175
25000E 20100N	1	55	2	88	.1	66	28	1050	5.27	72	5	ND	1	131	.8	2	2	102	3.03	.056	22	121	1.44	1727	.05	17	1.89	.02	.06	1	105
25000E 20150N	1	28	3	67	.1	45	22	594	4.70	2	5	ND	1	41	.2	2	2	106	.58	.020	9	119	1.48	5091	.23	8	3.74	.01	.09	1	5
25000E 20200N	1	54	6	69	.1	39	21	699	4.43	3	5	ND	3	44	.2	2	2	94	.56	.035	21	55	.99	1714	.07	8	2.67	.02	.11	1	40
25000E 20250N	1	18	9	78	.3	31	15	737	3.83	2	5	ND	2	30	.4	2	2	54	.54	.077	29	39	.40	522	.03	6	1.98	.01	.10	1	100
25000E 20300N	1	50	2	111	.2	38	16	538	3.09	2	5	ND	1	82	.7	2	2	75	2.00	.102	19	43	.78	945	.02	6	1.80	.01	.08	1	280
25000E 20350N	2	20	2	98	.1	31	13	227	3.60	7	5	ND	3	17	.4	2	2	94	.17	.023	12	41	.52	357	.03	5	2.50	.01	.09	1	40
25000E 20400N	4	28	14	97	.5	20	11	280	3.30	4	5	ND	2	30	.7	2	2	66	.19	.068	14	28	.52	583	.03	8	1.73	.01	.22	1	20
25000E 20450N	2	31	3	96	.1	32	15	285	3.37	2	5	ND	2	31	.5	2	2	111	.38	.038	13	51	.76	852	.03	4	2.19	.01	.09	1	40
25000E 20500N	1	59	2	111	.3	71	28	5981	4.63	5	5	ND	1	69	1.9	2	2	163	1.87	.065	29	110	1.34	3925	.11	7	3.75	.02	.09	1	45
25200E 18000N	4	48	35	267	.6	63	21	478	6.04	39	5	ND	16	138	.6	2	2	135	1.18	.060	41	103	.79	3728	.16	2	2.59	.01	.11	1	35
25200E 18050N	8	32	26	137	.4	25	12	407	3.19	23	5	ND	7	154	1.5	5	2	71	.42	.049	31	22	.25	2810	.01	6	1.44	.01	.13	1	225
25200E 18150N	5	28	21	142	.4	30	10	207	3.15	15	5	ND	2	137	.8	2	2	51	.60	.062	19	19	.24	1505	.01	2	1.29	.01	.11	1	60
25200E 18200N	2	15	17	93	.1	23	12	297	3.62	12	5	ND	5	24	.4	2	2	72	.17	.025	16	35	.54	570	.06	4	2.19	.01	.05	1	5
25200E 18250N	1	14	34	179	.1	25	18	709	4.03	45	5	ND	8	60	.5	2	2	85	.48	.090	23	43	1.01	3299	.03	2	2.97	.01	.07	1	20
25200E 18300N	1	20	7	123	.2	11	6	1366	.66	2	5	ND	1	352	1.0	2	2	14	4.45	.081	36	6	.13	3199	.01	11	.58	.01	.03	1	175
25200E 18350N	3	11	20	157	.1	25	22	781	2.80	18	5	ND	4	88	.4	2	2	50	.36	.053	19	23	.47	2482	.01	5	1.37	.01	.08	1	10
25200E 18400N	3	6	25	87	.1	11	10	410	2.37	17	5	ND	2	52	.2	2	2	77	.49	.062	16	27	.49	722	.05	4	1.23	.01	.05	1	85
25200E 18450N	16	31	14	51	.8	13	4	71	2.46	57	5	ND	1	128	.7	8	2	221	.15	.136	9	33	.15	460	.01	8	.76	.01	.19	1	2550
25200E 18500N	11	30	7	85	.4	30	9	193	2.83	31	5	ND	1	36	.7	5	2	399	.21	.092	16	43	.44	422	.04	4	1.60	.01	.05	1	1800
25200E 18550N	8	22	7	76	6.2	29	12	234	3.50	22	5	ND	5	30	1.1	2	2	181	.13	.110	18	54	.45	344	.05	2	2.83	.01	.05	1	580
25200E 18600N	8	38	6	67	1.2	41	8	156	2.59	39	5	ND	1	35	1.6	5	2	473	.28	.114	15	47	.40	273	.03	7	1.47	.01	.06	1	2350
25200E 18650N	11	80	7	63	5.3	28	5	69	2.09	34	6	ND	1	63	2.9	10	2	270	.46	.369	15	91	.21	345	.01	5	1.07	.01	.05	1	7650
25200E 18700N	5	25	3	632	1.2	46	18	3838	1.07	43	5	ND	1	199	3.8	4	2	132	3.72	.143	3	17	.66	1249	.01	8	.43	.01	.02	1	795
25200E 18750N	1	60	4	369	1.3	89	8	524	1.53	20	5	ND	1	78	1.3	2	2	84	1.68	.061	8	36	.45	793	.03	7	.97	.01	.03	1	810
25200E 18800N	5	24	10	221	.1	40	9	205	2.69	13	5	ND	2	39	1.4	2	2	87	.43	.046	15	31	.47	466	.05	5	1.58	.01	.05	1	195
25200E 18850N	10	90	4	930	2.2	130	9	770	1.81	65	5	ND	1	149	6.5	6	2	177	2.36	.168	9	44	.47	945	.02	8	1.17	.01	.05	1	3900
RE 25200E 18650N	10	78	6	74	4.8	29	4	77	1.95	33	5	ND	1	61	2.8	10	2	253	.46	.347	14	86	.20	334	.01	4	.99	.01	.05	1	7100
25200E 18900N	6	61	5	473	1.5	66	17	1368	2.20	49	5	ND	1	106	4.9	4	2	140	1.34	.132	12	37	.48	719	.02	8	1.05	.01	.05	1	1550
25200E 19000N	1	15	6	75	.1	18	10	332	2.19	8	5	ND	1	33	.3	2	2	45	.38	.066	17	24	.41	260	.05	4	1.19	.01	.06	1	40
25200E 19050N	2	30	10	76	.1	26	14	468	3.11	19	5	ND	5	31	.2	2	2	49	.35	.064	19	27	.46	284	.06	5	1.38	.02	.07	1	40
25200E 19100N	9	34	15	461	.4	55	25	2323	3.15	76	7	ND	1	131	4.9	13	2	70	1.99	.101	16	33	.59	604	.02	10	1.73	.01	.09	1	765
25200E 19200N	1	33	5	94	.3	40	17	360	3.51	7	5	ND	2	80	.2	2	2	77	1.40	.045	20	40	.72	1126	.03	4	2.15	.02	.10	1	90
25200E 19250N	1	39	2	78	.1	34	21	924	2.76	3	5	ND	1	201	.6	2	3	60	4.38	.097	17	30	.69	1112	.01	12	1.49	.01	.05	1	125
25200E 19300N	1	40	5	79	.2	39	19	401	3.72	8	5	ND	2	71	.4	2	2	81	1.36	.051	29	42	.68	1135	.03	7	2.20	.02	.11	1	115
25200E 19350N	2	51	10	107	.1	70	48	1873	5.72	8	5	ND	1	50	.8	2	3	130	.93	.052	33	69	.88	1362	.01	6	3.21	.01	.10	1	85
STANDARD C	21	62	39	137	7.2	73	33	1143	4.05	42	19	7	40	54	17.0	17	19	61	.50	.091	40	59	.89	175	.09	38	1.93	.07	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25200E 19400N	1	19	7	93	.2	30	13	413	3.49	9	5	ND	5	30	.3	2	2	86	.47	.020	15	38	.55	666	.04	3	2.25	.01	.09	1	20
25200E 19450N	1	42	6	68	.3	29	12	620	2.48	6	5	ND	1	99	.4	2	2	41	3.15	.051	18	28	.40	671	.02	6	1.29	.01	.06	1	175
25200E 19500N	1	24	9	71	.1	29	14	323	3.71	11	5	ND	5	30	.2	2	2	81	.37	.021	15	42	.70	632	.06	3	2.63	.01	.07	1	25
25200E 19550N	1	54	7	128	.3	42	16	518	4.38	19	5	ND	3	95	.6	3	2	82	1.54	.047	22	47	.61	758	.02	6	2.24	.01	.12	1	135
25200E 19600N	1	58	2	94	.1	41	27	414	7.53	13	5	ND	2	31	.2	2	6	175	.45	.031	9	34	1.26	1643	.09	2	3.29	.01	.07	1	15
25200E 19650N	1	30	5	62	.4	31	17	865	4.46	4	5	ND	5	44	.8	2	2	101	.73	.031	14	46	.95	2363	.19	4	2.71	.02	.09	1	15
25200E 19700N	1	41	4	80	.2	42	19	507	5.40	11	5	ND	4	37	.2	2	5	121	.58	.031	13	58	1.13	2266	.18	4	3.38	.01	.10	1	15
25200E 19750N	1	53	3	83	.2	64	20	753	3.65	45	5	ND	1	112	.7	4	2	63	3.15	.072	17	58	.68	900	.02	10	1.66	.01	.08	2	325
25200E 19800N	1	32	8	72	.3	28	14	371	3.92	13	5	ND	5	33	.3	2	8	80	.43	.034	17	41	.75	646	.06	3	2.35	.01	.08	1	25
25200E 19850N	1	89	6	148	.3	35	21	331	7.03	15	5	ND	3	51	.2	2	2	75	.52	.160	26	34	.97	893	.03	3	2.77	.01	.11	1	80
25200E 19900N	1	40	5	76	.3	29	14	649	3.35	89	5	ND	1	103	.6	6	2	67	2.82	.080	22	31	.77	1202	.06	10	1.64	.01	.07	1	260
25200E 19950N	1	56	8	89	.3	31	14	398	4.13	19	5	ND	5	40	.4	2	2	81	.55	.043	16	31	.81	762	.09	4	1.97	.01	.09	1	50
25200E 20000N	1	55	9	80	.1	28	11	248	3.76	11	5	ND	4	30	.2	2	3	73	.25	.027	14	33	.61	564	.10	4	1.80	.01	.08	1	10
25600E 18000N	23	99	11	258	7.8	49	7	153	3.48	54	5	ND	4	102	3.8	11	3	726	.45	.487	15	126	.40	1846	.04	5	2.33	.01	.09	1	6800
25600E 18050N	43	103	15	394	9.1	52	6	132	3.98	80	11	ND	6	342	6.2	39	6	1178	2.40	1.434	19	263	.32	907	.04	18	2.25	.02	.30	1	4600
25600E 18100N	63	125	14	289	6.9	57	5	109	3.94	108	12	ND	1	160	8.2	32	6	1185	.35	.488	14	175	.28	853	.02	10	1.87	.01	.18	1	45000
25600E 18150N	20	84	11	466	3.3	64	7	244	2.91	58	5	ND	2	94	6.5	12	4	656	.50	.299	13	117	.35	1066	.04	9	1.71	.01	.13	1	7700
25600E 18200N	31	189	26	497	4.3	70	9	200	2.93	65	5	ND	5	203	14.2	24	6	1041	.86	.491	31	150	.31	2137	.04	11	1.39	.01	.14	1	3100
25600E 18250N	6	56	7	172	1.9	41	7	175	2.29	15	5	ND	1	54	3.8	6	2	195	.40	.136	18	50	.42	601	.04	5	1.60	.01	.06	1	2400
25600E 18300N	3	47	14	163	1.0	32	9	190	2.81	17	5	ND	1	49	2.0	5	2	157	.34	.106	23	46	.51	1101	.07	4	1.87	.02	.07	1	815
25600E 18350N	2	40	7	142	.8	32	12	469	3.30	13	5	ND	6	46	1.2	3	2	90	.47	.097	21	38	.60	599	.08	4	1.68	.02	.09	1	185
25600E 18400N	1	37	8	106	.3	30	9	233	2.61	8	5	ND	4	41	.7	2	3	83	.43	.086	22	34	.51	498	.07	5	1.60	.02	.06	1	170
25600E 18450N	1	29	7	93	.2	27	9	261	2.56	8	5	ND	6	41	.4	3	7	57	.46	.082	21	28	.50	388	.07	4	1.25	.02	.07	1	60
25600E 18550N	1	26	8	84	.5	33	11	216	3.25	11	5	ND	6	31	.3	2	6	59	.17	.012	16	37	.54	475	.06	3	2.26	.01	.09	1	55
25600E 18600N	1	27	12	138	.1	53	16	587	4.17	11	5	ND	4	17	.6	3	2	49	.09	.028	13	31	.33	329	.03	4	2.00	.01	.09	1	45
25600E 18650N	1	34	9	161	.5	32	8	202	2.51	7	5	ND	4	47	1.0	2	2	61	.48	.070	17	31	.56	390	.06	5	1.57	.02	.08	1	340
25600E 18700N	7	35	11	147	.2	29	10	255	3.18	25	5	ND	3	53	.6	5	2	94	.57	.056	12	23	.37	434	.02	6	1.19	.01	.10	1	290
25600E 18750N	2	26	11	89	.2	17	5	189	2.24	18	5	ND	3	43	.3	2	4	55	.43	.045	11	20	.32	390	.02	8	1.09	.01	.12	1	205
25600E 18850N	1	27	8	94	.1	21	7	221	2.55	24	5	ND	2	37	.2	2	2	47	.42	.069	17	29	.51	341	.05	5	1.38	.02	.08	1	60
25600E 18900N	1	35	7	88	.2	33	14	625	4.25	221	5	ND	2	98	1.7	7	3	85	.51	.100	14	40	.47	652	.01	10	2.08	.03	.18	1	145
25600E 18950N	1	36	6	101	.5	37	17	738	3.99	56	5	ND	2	134	.4	2	2	78	.75	.108	15	39	.49	578	.01	8	1.84	.04	.20	1	135
25600E 19000N	1	43	9	90	.4	35	12	231	4.81	212	5	ND	2	129	.7	2	2	86	.80	.099	14	39	.43	759	.01	7	1.91	.05	.23	1	50
25600E 19050N	1	32	5	89	.2	33	12	288	2.95	7	5	ND	1	206	.3	3	2	63	3.15	.092	9	31	.44	767	.01	12	1.47	.03	.12	1	50
RE 25600E 18850N	1	28	9	95	.2	23	8	228	2.62	25	5	ND	3	46	.3	2	2	50	.55	.072	16	27	.53	364	.05	6	1.47	.02	.09	1	70
25600E 19100N	1	59	4	96	.1	57	24	1132	4.67	7	5	ND	1	206	1.3	5	4	91	2.99	.132	22	55	.84	1710	.01	12	2.48	.02	.11	1	45
25600E 19150N	3	71	2	189	.3	87	70	1369	7.63	9	5	ND	2	62	2.1	4	2	142	.68	.090	23	50	.85	2904	.01	7	3.60	.02	.20	1	65
25600E 19250N	1	34	10	87	.1	51	30	837	4.87	7	5	ND	8	53	.3	3	4	103	.83	.053	24	157	1.62	1240	.19	5	2.71	.01	.14	1	30
STANDARD C	17	59	35	134	7.5	71	33	1056	3.96	41	18	6	39	52	18.6	18	22	56	.48	.091	39	58	.88	173	.09	33	1.93	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25600E 19300N	1	49	12	106	.2	58	40	1687	5.54	4	5	ND	2	54	.2	2	2	119	1.12	.068	24	57	.81	3564	.01	2	3.34	.01	.11	1	50
25600E 19350N	1	14	10	83	.2	22	16	826	3.38	6	6	ND	4	23	.2	2	2	71	.25	.042	13	33	.53	906	.05	2	2.11	.01	.06	1	5
25600E 19400N	2	16	9	75	.2	20	13	433	3.07	9	5	ND	3	20	.2	2	4	73	.15	.037	14	31	.45	437	.05	2	1.77	.01	.05	1	20
25600E 19450N	1	29	11	91	.2	32	13	279	3.52	16	5	ND	4	20	.2	2	2	68	.17	.038	14	40	.61	329	.06	2	2.47	.01	.07	1	30
25600E 19500N	1	17	13	62	.1	22	11	259	3.08	8	5	ND	5	16	.2	2	2	49	.12	.019	14	31	.48	222	.06	2	1.93	.01	.04	1	10
25600E 19550N	2	152	12	157	.1	69	20	370	4.75	85	5	ND	4	36	.2	2	3	88	.19	.055	12	57	.50	949	.03	5	2.18	.01	.07	1	75
25600E 19600N	1	26	8	87	.1	22	17	375	5.52	9	5	ND	4	16	.2	2	3	86	.15	.048	14	33	.59	350	.05	2	2.54	.01	.05	1	35
25600E 19650N	4	41	12	172	.8	22	31	1173	6.97	8	5	ND	1	40	.3	2	2	61	.48	.250	27	23	.72	540	.04	2	2.63	.01	.09	1	45
25600E 19700N	2	57	8	140	.3	49	47	1192	6.57	3	6	ND	1	36	.2	2	4	137	.92	.089	32	54	.72	762	.01	2	3.19	.01	.10	1	135
25600E 19750N	1	29	6	102	.2	28	19	379	4.55	6	5	ND	1	46	.2	2	2	118	1.34	.059	11	44	.62	599	.02	2	2.09	.01	.06	1	65
25600E 19850N	2	76	9	182	.3	75	44	852	8.70	1233	5	ND	3	63	.7	20	2	141	.96	.173	29	61	.55	965	.01	3	1.84	.01	.09	1	805
25600E 19900N	1	51	3	79	.1	37	30	900	4.63	191	5	ND	1	129	.2	3	2	88	2.21	.078	17	45	1.10	8194	.02	7	2.10	.02	.16	1	170
25600E 19950N	16	83	14	709	1.3	110	30	931	6.32	39	5	ND	2	95	5.3	4	3	219	.87	.099	37	43	.51	904	.01	7	1.88	.02	.16	1	490
25600E 20000N	1	25	9	70	.1	23	11	200	3.08	21	5	ND	4	23	.2	2	2	59	.20	.020	16	36	.49	507	.04	4	1.99	.01	.06	1	35
25800E 18150N	19	82	12	652	3.6	95	10	402	1.78	34	7	ND	1	140	3.3	8	3	203	.65	.285	17	78	.23	2090	.02	7	1.35	.01	.09	1	890
25800E 18200N	17	24	11	572	.6	78	18	750	2.68	15	7	ND	3	47	1.3	2	2	149	.21	.057	15	34	.32	687	.03	5	1.36	.01	.10	1	150
RE 25800E 18500N	2	33	7	106	.3	30	19	561	3.22	10	5	ND	5	36	.5	2	2	55	.40	.067	21	33	.56	521	.07	3	1.71	.02	.07	1	35
25800E 18250N	11	27	15	343	.4	46	19	708	2.70	19	10	ND	1	32	1.2	2	2	122	.19	.065	18	33	.39	691	.04	6	1.61	.01	.08	1	265
25800E 18300N	2	25	10	169	.2	33	12	286	2.71	14	5	ND	6	33	.4	2	2	70	.27	.063	21	31	.47	916	.06	3	1.61	.01	.06	1	95
25800E 18350N	7	52	35	863	.6	101	15	514	3.15	39	6	ND	7	103	3.3	4	6	157	.39	.145	34	41	.44	1676	.07	2	1.33	.01	.12	1	210
25800E 18450N	1	34	8	109	.1	30	12	304	2.71	8	5	ND	6	39	.5	2	3	48	.49	.080	19	28	.52	400	.08	3	1.23	.02	.08	1	45
25800E 18500N	1	31	8	101	.2	29	18	542	3.15	8	6	ND	5	34	.4	2	3	53	.39	.065	20	32	.55	501	.07	2	1.65	.02	.07	1	40
25800E 18550N	1	29	11	91	.1	27	10	210	2.66	11	6	ND	4	33	.2	2	2	49	.38	.072	19	29	.55	342	.07	3	1.48	.02	.07	1	35
25800E 18600N	2	34	13	118	.3	32	12	406	2.84	17	5	ND	6	44	.7	2	2	57	.50	.094	19	28	.55	537	.07	5	1.17	.02	.09	1	90
25800E 18700N	2	45	22	113	.4	30	15	166	4.93	124	5	ND	2	30	.2	2	2	88	.06	.044	10	30	.21	279	.04	2	1.98	.01	.08	1	45
25800E 18750N	1	23	13	95	.2	25	8	158	2.11	10	5	ND	5	31	.4	2	3	41	.34	.081	20	27	.48	275	.07	5	1.31	.01	.06	1	70
25800E 18800N	1	30	11	102	.2	28	10	381	2.53	16	5	ND	6	41	.5	2	2	45	.46	.086	17	23	.47	429	.07	5	.98	.02	.09	1	65
25800E 18900N	6	84	24	144	1.0	70	20	380	5.84	248	5	ND	4	235	.2	2	2	73	.37	.222	12	36	.12	70	.01	9	1.03	.02	.29	1	1350
25800E 18950N	7	45	18	106	.9	46	15	279	5.53	105	5	ND	1	185	.2	2	4	80	.24	.172	12	31	.09	54	.01	8	.90	.01	.37	1	245
25800E 19000N	7	23	85	32	2.8	9	4	23	3.58	14	6	ND	2	562	.2	2	2	66	.07	.179	14	29	.04	86	.01	5	.68	.04	.24	1	160
25800E 19050N	2	35	8	96	.2	48	26	335	5.06	5	5	ND	3	76	.2	2	2	107	.36	.057	12	46	.65	1321	.01	2	2.68	.02	.16	1	55
25800E 19100N	1	24	12	81	.3	39	22	372	3.88	9	6	ND	4	42	.2	2	2	85	.32	.043	13	41	.53	1603	.02	2	2.44	.02	.10	1	30
25800E 19150N	2	24	7	78	.2	36	25	356	4.66	6	5	ND	3	26	.2	2	4	105	.33	.034	15	52	.63	1598	.04	2	2.84	.01	.09	1	30
25800E 19200N	3	38	6	115	.3	45	37	443	6.39	4	5	ND	3	44	.5	2	2	141	.52	.073	22	55	.80	1068	.01	3	3.07	.04	.14	1	160
25800E 19250N	1	39	3	89	.3	36	25	649	3.82	2	5	ND	1	106	.2	2	4	85	2.29	.105	24	48	.77	2026	.02	5	2.07	.02	.08	1	205
25800E 19300N	1	144	12	94	.9	33	13	375	3.67	16	5	ND	2	76	.2	2	2	52	1.62	.042	14	35	.32	1154	.03	2	1.71	.01	.08	1	315
25800E 19350N	3	188	14	174	.3	42	14	213	4.72	48	5	ND	4	36	.3	2	2	71	.09	.071	12	39	.27	471	.03	2	1.52	.01	.09	1	75
STANDARD C	19	59	41	130	6.7	69	32	1061	3.91	40	15	7	40	52	18.6	16	18	56	.47	.088	40	58	.86	175	.09	34	1.85	.06	.15	11	1500

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
25800E 19400N	2	241	11	221	1.4	127	35	709	6.61	117	5	ND	2	79	.5	2	4	117	1.76	.169	22	109	.75	2412	.01	11	2.30	.01	.19	1	825
25800E 19450N	3	45	8	117	.3	22	20	485	6.10	91	5	ND	2	30	.2	2	2	94	.32	.095	16	31	.49	692	.03	7	1.94	.01	.08	1	90
25800E 19550N	1	61	3	96	.3	91	21	465	3.77	3	5	ND	1	56	.7	2	2	82	2.75	.090	24	98	.88	573	.02	5	2.16	.01	.08	1	415
25800E 19600N	1	78	11	108	.1	91	49	860	8.21	8	5	ND	1	43	.4	2	5	158	.71	.045	16	137	1.16	2885	.01	7	5.22	.02	.11	2	80
25800E 19650N	1	40	6	126	.3	49	33	927	6.47	287	5	ND	2	64	.3	2	2	105	.86	.111	23	46	.67	1125	.01	6	2.89	.01	.11	1	445
25800E 19750N	1	38	12	131	.4	43	21	561	4.07	22	5	ND	3	48	.5	2	2	77	.80	.096	29	55	.93	629	.04	6	2.19	.02	.15	1	220
25800E 19800N	1	44	6	101	.1	36	19	768	3.64	38	5	ND	1	96	.2	2	2	84	2.29	.081	19	45	1.00	2421	.08	11	1.88	.02	.10	1	200
25800E 19850N	1	27	12	82	.1	28	20	455	5.37	27	5	ND	3	46	.4	2	4	119	.57	.025	12	40	.87	1366	.17	3	3.13	.01	.07	1	40
25800E 19900N	1	105	13	71	.1	116	54	836	6.45	1076	5	ND	3	96	.4	3	5	122	.51	.031	22	256	1.19	23226	.01	14	4.65	.02	.34	1	285
RE 25800E 19750N	1	39	11	129	.4	44	21	567	4.06	20	5	ND	3	49	.6	2	2	77	.78	.093	30	54	.92	993	.04	6	2.16	.02	.14	1	205
25800E 19950N	1	46	12	94	.1	42	27	842	5.51	7	5	ND	2	28	.4	2	2	136	.45	.030	12	56	1.31	6004	.31	11	4.37	.02	.11	1	30
25800E 20000N	4	82	11	233	.4	125	44	390	9.29	13	5	ND	2	55	1.4	2	2	146	.71	.067	18	83	.63	848	.01	4	2.93	.01	.20	1	1150
STANDARD C	20	62	40	134	7.6	69	32	1076	3.99	42	17	7	39	53	17.0	15	21	59	.48	.090	39	59	.89	177	.09	37	1.89	.06	.15	11	1400

Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

PROPERTY/
LOCATION: BREWERY CREEK

CODE: 9108–009

Project No.: 327 Sheet: 1 of 26 Date received: JUL 31
Material: 1484 SOILS Geol.: G.M. Date completed: AUG 16
Remarks: * Sample screened @ –35 MESH (0.5 mm) ¤ Organic
Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

T.T. No.	SAMPLE No.	Au (ppb)
52	19000E–15700N	5
53	15800	5
54	15850	5
55	15900	5
56	15950	25
57	16000	65
58	16050	5
59	16100	5
60	16150	5
61	16200	5
62	16250	5
63	16300	5
64	16350	5
65	16400	5
66	16500	5
67	16550	5
8	16600	50
69	16700	55
70	16750	15
71	16800	10
72	16850	210
73	16900	240
74	16950	5
75	17000	5
76	17050	5
77	17100	5
78	17250	15
79	17300	5
80	17400	5
81	17500	5
82	17550	5
83	17600	5
84	17650	5
85	17700	5
86	17750	200
87	17800	5
88	17850	5
89	17900	5
90	17950	5
91	18000	5
92	18050	5
93	18100	5
94	18150	5
5	18200	10
96	18250	5
97	18300	5
98	18350	5
99	19000E–18400N	5

T.T. No.	SAMPLE No.	Au (ppb)
1	19000E–18450N	5
2	19000E–18500N	5
3	19400E–15000N	5
4	15050	5
5	15100	5
6	15200	120
7	15250	5
8	15300	5
9	15350	5
10	15400	5
11	15450	5
12	15500	5
13	15550	10
14	15600	15
15	15650	5
16	15700	5
17	15750	10
18	15800	15
19	15850	10
20	15900	10
21	15950	5
22	16000	5
23	16050	5
24	16100 *	10
25	16150	10
26	16200	5
27	16250	5
28	16300	5
29	16350	5
30	16400	5
31	16450	5
32	16500	5
33	16550	5
34	16600	5
35	16650	5
36	16700	5
37	16750	5
38	16800	5
39	16850	5
40	16900	5
41	16950	5
42	17000	5
43	17050	5
44	17100 * ¤	5
45	17150 * ¤	5
46	17200	5
47	17300 *	5
48	17350	5
49	17400	5
50	17450	5
2	17550	5
3	17600	5
4	17650	5
5	17700 * ¤	5
6	17750	5
7	17800	5
8	17850	20
9	19400E–17900N	5

T.T. No.	SAMPLE No.	Au (ppb)	9108–009 Pg. 3 of 26
0	19400E–17950N * ¤	5	
11	18000	5	
12	18050	5	
13	18100	5	
14	18150	5	
15	18200	5	
16	18250	5	
17	18300	5	
18	18350	5	
19	18400	5	
20	18450	5	
21	19400E–18500N	5	
22	19800E–15000N	5	
23	15050	5	
24	15100	5	
25	15150 *	15	
26	15250 *	5	
27	15350	5	
28	15400	5	
29	15450	5	
30	15500	30	
31	15550	5	
32	15600	5	
33	15650	5	
34	15700	5	
35	15750	5	
36	15800	5	
37	15850	5	
38	15900	5	
39	15950	5	
40	16000	5	
41	16050	5	
42	16100	15	
43	16150	5	
44	16200	5	
45	16250	5	
46	16300	5	
47	16350	5	
48	16400	5	
49	16450	5	
50	16500	5	
52	16550	5	
53	16600	5	
54	16650	5	
55	16700	5	
56	16750	5	
57	16800	5	
58	16850	5	
59	16900	5	
60	16950	5	
61	17000	5	
62	17050	5	
63	17100	5	
64	17150	5	
65	17200	5	
66	17250	5	
67	17300	5	
68	19800E–17400N	5	

T.T. No.	SAMPLE No.	Au (ppb)
9	19800E–17450N	5
70	17500	5
71	17550	5
72	17600	5
73	17700	5
74	17750	5
75	17800	5
76	17850	5
77	17900	5
78	17950	5
79	18000	5
80	18050	5
81	18100	5
82	18150	5
83	18200	5
84	18250	5
85	18300	5
86	18350	5
87	18400	5
88	18450	5
89	19800E–18500N	25
90	20200E–15000N	90
91	15050	5
92	15100	10
93	15150	5
94	15200	5
95	15250	5
6	15300	15
97	15350	5
98	15400	5
99	15450	15
100	15500	5
52	15550	5
53	15600	5
54	15650	5
55	15700	5
56	15750	5
57	15800	5
58	15850	10
59	15900	20
60	15950	15
61	16050	10
62	16100	5
63	16150	5
64	16200	5
65	16250	5
66	16300	5
67	16350	5
68	16400	5
69	16450	5
70	16500	5
71	16550	5
72	16600	5
73	16650	5
4	16700	5
75	16750 *	5
76	16800	5
77	20200E–16850N	5

T.T. No.	SAMPLE No.		Au (ppb)
[illegible]	20200E–16900N	*	5
[illegible]9	16950		5
80	17000		5
81	17050	*	5
82	17100	*	5
83	17150	*	5
84	17200		5
85	17250	* ¤	5
86	17300	* ¤	5
87	17350	* ¤	5
88	17400		5
89	17450	* ¤	5
90	17500		5
91	17550	* ¤	5
92	17600	* ¤	5
93	17650	* ¤	5
94	17700	* ¤	5
95	17750		5
96	17800	* ¤	5
97	17850		5
98	17900	* ¤	5
99	17950		5
100	18050		5
2	18100		5
3	18150		5
4	18200		5
5	18250		5
[illegible]	18300		5
7	18350	*	5
8	18400	*	5
9	18450		5
10	20200E–18500N		5
11	20600E–15500N		5
12	15550		5
13	15600		5
14	15650		5
15	15700		5
16	15750		5
17	15800		5
18	15850		5
19	15900		5
20	15950		35
21	16000		5
22	16050		15
23	16100		5
24	16150		5
25	16200		5
26	16250		5
27	16300		5
28	16350		25
29	16400		5
30	16450		5
31	16500		5
[illegible]2	16550		5
3	16600		5
34	16650		5
35	16700		5
36	20600E–16750N		5

T.T. No.	SAMPLE No.	Au (ppb)
	20600E–16800N	5
38	16850	5
39	16900	5
40	16950	5
41	17000	5
42	17050	5
43	17100	5
44	17150	5
45	17200	5
46	17250	5
47	17300	5
48	17350	5
49	17400	5
50	17450	5
2	17500	5
3	17550	5
4	17600	5
5	17650	5
6	17700	5
7	17750	5
8	17800	5
9	17850	5
10	17900	5
11	17950	5
12	18000	5
13	18050	5
14	18100	5
15	18150	5
16	18200	5
17	18250	5
18	18300	5
19	18350	5
20	18400	5
21	18450	5
22	20600E–18500N	5
23	21000E–15000N	5
24	15050	5
25	15100	10
26	15150	5
27	15200	40
28	15250	5
29	15300	25
30	15350	5
31	15400	5
32	15450	5
33	15500	5
34	15550	10
35	15600	5
36	15650	5
37	15700	5
38	15750	5
39	15800	5
40	15850	5
41	15900	5
42	15950	5
43	16000	5
44	16050	5
45	21000E–16100N	5

T.T. No.	SAMPLE No.	Au (ppb)
	21000E–16150N	40
47	16200	5
48	16250	5
49	16300	5
50	16350	5
52	16400	5
53	16450	10
54	16500	5
55	16550	5
56	16600	5
57	16650	5
58	16700	5
59	16750	5
60	16800	5
61	16850	5
62	16900	5
63	16950	5
64	17000	5
65	17050	5
66	17100	5
67	17150	5
68	17200	5
69	17250	5
70	17300	5
71	17350	5
72	17400	5
3	17450	5
4	17500 * ¤	5
75	17550	5
76	17600 *	5
77	17650 * ¤	5
78	17700	5
79	17750	20
80	17800	5
81	17850	5
82	17900	5
83	17950	5
84	18000	5
85	18050	5
86	18100	5
87	18150	5
88	18200	5
89	18250	5
90	18300	5
91	18350	5
92	18400	5
93	18450	5
94	21000E–18500N	5
95	21400E–15000N	5
96	15100	5
97	15150	5
98	15200	5
99	15250	5
0	15300	5
2	15350	5
3	15400	5
4	15450	5
5	21400E–15500N	5

T.T. No.	SAMPLE No.	Au (ppb)
)	21400E–15550N	5
7	15600	5
8	15650	5
9	15700	5
10	15750	5
11	15800	5
12	15850	5
13	15900	5
14	15950	5
15	16000	5
16	16050	5
17	16100	5
18	16150	5
19	16200	5
20	16250	5
21	16300	5
22	16350	5
23	16400	5
24	16450	5
25	16500	5
26	16550	5
27	16600	5
28	16650	5
29	16700	5
30	16750	5
31	16800	5
`2	16850 * ¤	5
3	17000	5
34	17050	5
35	17100	5
36	17150	5
37	17200	5
38	17250	5
39	17300	5
40	17350	5
41	17400	5
42	17450	5
43	17500	5
44	17550	5
45	17600	5
46	17650	5
47	17700	5
48	17750	5
49	17800	5
50	17850	5
2	17900	5
3	17950	5
4	18000	5
5	18050	5
6	18100	5
7	18150	5
8	18200	5
9	18250	15
0	18300	10
.1	18350	5
12	18400	5
13	18450	5
14	21400E–18500N	5

T.T. No.	SAMPLE No.	Au (ppb)
15	21800E–15000N	5
16	15050	5
17	15100	5
18	15150	5
19	15200	5
20	15250	5
21	15300	5
22	15350	5
23	15400	5
24	15450	5
25	15500	5
26	15550	5
27	15600	5
28	15650	20
29	15700	5
30	15750	5
31	15800	15
32	15850	5
33	15900	5
34	15950	10
35	16000	5
36	16050	5
2	16100	5
3	16150	5
4	16200	5
5	16250	5
6	16300	5
7	16350	10
8	16400 * ¤	10
9	16500	10
10	16600	15
11	16650	5
12	16700	5
13	16750	5
14	16800	5
15	16850	5
16	16900	5
17	16950	10
18	17000	5
19	17050	15
20	17100	5
21	17150	5
22	17200	5
23	17250	5
24	17300	5
25	17350	5
26	17400	5
27	17450	5
28	17500	5
29	17550	5
30	17600	5
31	17650	5
32	17700	5
33	17750 * ¤	5
34	17800 * ¤	5
35	17850	5
36	17900	5
37	21800E–17950N	5

T.T. No.	SAMPLE No.	Au (ppb)
38	21800E–18000N	5
39	18050	5
40	18100	5
41	18150	5
42	18200 * ¤	5
43	18250	5
44	18300	10
45	18350	5
46	18400	5
47	18450	5
48	21800E–18500N	5
49	22200E–15000N	5
50	15050	5
2	15100	15
3	15150	5
4	15200	5
5	15250	5
6	15300	5
7	15350	5
8	15400	5
9	15450	5
10	15750	30
11	15800	15
12	15850 * ¤ 5.0g	20
13	16100	5
14	16150	5
15	16200	5
16	16350	5
17	16400	5
18	16450	5
19	16500	5
20	16550	5
21	16600	5
22	16650	5
23	16700	5
24	16750	5
25	16800	5
26	16900	5
27	16950	5
28	17000	5
29	17050	5
30	17100	5
31	17150	5
32	17200	5
33	17250	5
34	17300 *	5
35	17350 *	5
36	17400 *	5
37	17500	5
38	17550 * ¤	5
39	17700	5
40	17750	5
41	17800	5
42	17850 * ¤	5
43	17900 *	5
44	17950	5
45	18000	5
46	22200E–18050N	5

T.T.	SAMPLE No.		Au (ppb)
7	22200E–18150N		5
48	18200		5
49	18250		5
50	18300		5
52	18400		5
53	18450		5
54	22200E–18500N		40
55	22600E–15350N		5
56	15400		5
57	15450		5
58	15500		5
59	15550		5
60	15600		5
61	15650		5
62	15700		5
63	15750		5
64	15850 * ¤		5
65	15900 * ¤	5.0g	5
66	15950 *		5
67	16000 * ¤		5
68	16050 * ¤		5
69	16100 * ¤		5
70	16150		5
71	16200 * ¤		5
72	16250		5
73	16300		5
74	16350		5
75	16400		5
76	16450		5
77	16500		5
78	16550 *		5
79	16600		5
80	16650 * ¤		5
81	16700		5
82	16750		5
83	16800		5
84	16850		5
85	16900		5
86	16950		5
87	17000		5
88	17050 * ¤	5.0g	5
89	17100 * ¤		5
90	17150		5
91	17200 * ¤		5
92	17250 * ¤		5
93	17300 * ¤		5
94	17350		5
95	17400		5
96	17450		5
97	17500 * ¤		5
98	17550		5
99	17600		5
100	17650		5
2	17700		5
3	17750		5
54	17800		5
55	17850		5
56	22600E–17900N * ¤		5

T.T. No.	SAMPLE No.		Au (ppb)
[illegible]	22600E–17950N		5
58	18000		5
59	18050		5
60	18100		5
61	18150		5
62	18200		160
63	18250		15
64	18300		10
65	18400		5
66	18450		5
67	22600E–18500N		5
68	23000E–15250N		5
69	15400		5
70	15450		5
71	15500		5
72	15550		5
73	15600		5
74	15650		5
75	15800		5
76	15850		5
77	15900		5
78	15950		5
79	16000		5
80	16050	*	5
81	16100		5
82	16150		5
83	16300		5
84	16350	* ¤	5
85	16400		5
86	16450		5
87	16500		5
88	16550		5
89	16600	*	5
90	16650	*	5
91	16700	* ¤	5
92	16850	* ¤	5
93	16900		5
94	16950	*	5
95	17000		5
96	17050	*	5
97	17100	* ¤	5
98	17150	* ¤ 5.0g	5
99	17200		5
100	17250	* ¤ 2.5g	5
52	17300	* ¤ 3.5g	5
53	17350	* ¤ 5.0g	5
54	17450	*	5
55	17500	* ¤	5
56	17550	*	5
57	17600		15
58	17650	* ¤	5
59	17750		55
60	17800		5
61	17850		5
62	17900		5
63	17950	* ¤	5
64	18050		5
65	23000E–18100N		5

T.T.	SAMPLE No.	Au (ppb)
5	23000E–18150N	45
67	18200	10
68	18250	5
69	18300	5
70	18350	5
71	18400	5
72	18450	5
73	23000E–18500N	5
74	23400E–15200N	5
75	15250	5
76	15300	5
77	15350	5
78	15400	5
79	15450	5
80	15500	5
81	15550	5
82	15600	5
83	15650	5
84	15700	5
85	15750	5
86	15800	5
87	15850	5
88	15900	5
89	15950	5
90	16000	5
91	16050	5
2	16100	5
3	16150 * ¤	5
94	16200	5
95	16250	5
96	16300	5
97	16350	5
98	16400	5
99	16450	5
100	16500	5
2	16650	5
3	16700	5
4	16750	5
5	16800	5
6	16850	5
7	16900	5
8	16950	5
9	17000 * ¤	5
10	17050 *	5
11	17100	5
12	17150 *	5
13	17200	5
14	17250	5
15	17300	5
16	17350	5
17	17400 *	5
18	17500	5
19	17550	155
0	17600	5
21	17650 *	110
22	17700	5
23	17750 *	10
24	23400E–17800N	5

T.T. No.	SAMPLE No.	Au (ppb)
25	23400E–17850N	55
26	17900	20
27	17950	15
28	18000	85
29	18050	5
30	18100	5
31	18150	5
32	18200	5
33	18250	5
34	18300	30
35	18350	5
36	18400	45
37	18450	5
38	23400E–18500N	60
39	23600E–18000N	5
40	18050	5
41	18100	5
42	18150	15
43	18200	265
44	18250	10
45	18300 * ¤	5
46	18350	70
47	18400	35
48	18450	30
49	18500	130
50	18550	10
52	18600	10
53	18650	5
54	18700	5
55	18750	125
56	18800	40
57	18850	5
58	18900	20
59	23600E–18950N * ¤	10
60	23800E–15500N	5
61	15550	5
62	15600	5
63	15650	5
64	15700	5
65	15750	5
66	15800	5
67	15850	5
68	15900	5
69	15950	5
70	16000	5
71	16050	5
72	16100	5
73	16150	5
74	16200	5
75	16250	5
76	16300	5
77	16350	5
78	16400	5
79	16450	5
80	16500 ¤	5
81	16550	15
82	16600	5
83	23800E–16650N	5

T.T. No.	SAMPLE No.	Au (ppb)
[illegible]	23800E–16700N	5
85	16750	5
86	16800	5
87	16850	5
88	16900	5
89	16950	5
90	17000	30
91	17100	5
92	17150	5
93	17200	5
94	17250	5
95	17300	5
96	17350	5
97	17400	5
98	17450	5
99	17500	10
100	17550	10
52	17600	10
53	17650	10
54	17700	5
55	17750	5
56	17800	20
57	17850	10
58	17900	20
59	17950	80
60	18000 * ¤	30
61	18050 * ¤	5
62	18100 * ¤ 4.0g	25
63	18150 * ¤	30
64	18200	100
65	18250	25
66	18300 * ¤	50
67	18350 * ¤	15
68	18400	40
69	18450	50
70	18500 * ¤	30
71	18550	5
72	18600	20
73	18650	20
74	18700	55
75	18750	35
76	18800 * ¤	40
77	18850 * ¤	10
78	18900 * ¤	10
79	18950	5
80	23800E–19000N	5
81	24000E–18000N	5
82	18050	5
83	18100	10
84	18150	5
85	18200 * ¤	5
86	18250 * ¤	5
87	18300	55
88	18350	15
89	18400	5
90	18450	10
91	18500	10
92	24000E–18550N	20

T.T. No.	SAMPLE No.	Au (ppb)
3	24000E–18600N	5
94	18650 *	5
95	18700	10
96	18750	5
97	18800	5
98	18850	5
99	18900	5
100	20100	5
52	20150 ¤	50
53	20200	5
54	20250	10
55	20300 * ¤	45
56	20350	5
57	20400	5
58	20450 *	5
59	20500 * ¤ 5.0g	5
60	20550	60
61	20600	5
62	20650	5
63	20700	5
64	20750	5
65	20900	10
66	20950	5
67	24000E–21000N	5
68	24025E–19000N ¤	20
69	19050	10
70	19100	5
1	19150	5
72	19200	5
73	19250	5
74	19300 * ¤	5
75	19400	40
76	19450 * ¤ 5.0g	40
77	19500	5
78	19550	5
79	19600	5
80	19650	5
81	19700	5
82	19750	5
83	19800	5
84	19850	5
85	19900	5
86	24025E–19950N	15
87	24100E–19000N	5
88	19050	5
89	19100 * ¤	5
90	19150	5
91	19200	5
92	19250	5
93	19300	5
94	19350 ¤	5
95	19400 * ¤	5
96	19450	25
7	19500	5
98	19550	5
99	19600	5
100	19650	5
2	24100E–19700N	5

T.T. No.	SAMPLE No.	Au (ppb)
	24100E–19750N	5
4	19800	5
5	19850	5
6	19900	5
7	19950	30
8	24100E–20000N	5
9	24200E–15500N	5
10	15550	5
11	15600	5
12	15650	5
13	15700	5
14	15750	5
15	15800	5
16	15850	5
17	15900	5
18	15950	20
19	16000	5
20	16050	5
21	16100	5
22	16150	5
23	16200	5
24	16250	5
52	16300	5
53	16350	5
54	16400	5
55	16450	5
[illegible]	16500	5
[illegible]	16550	5
58	16600	15
59	16650	10
60	16700	10
61	16750	5
62	16800	10
63	16850	5
64	16900	5
65	16950	5
66	17000	30
67	17050	10
68	17100	20
69	17150	5
70	17200	5
71	17250	5
72	17300	5
73	17350	5
74	17400	5
75	17450	5
76	17500	5
77	17550	5
78	17600	20
79	17650	20
80	17700	5
81	17750	5
82	17800	5
[illegible]	17850	5
[illegible]	17900	5
85	17950	5
86	18000	5
87	24200E–18050N	5

T.T. No.	SAMPLE No.		Au (ppb)
	24200E–18100N		5
89	18150		5
90	18200		5
91	18250		5
92	18300		5
93	18350		5
94	18400		5
95	18450		5
96	18500		5
97	18550		5
98	18600		65
99	18650		150
100	18700		5
52	18750	5.0g	5
53	18800		35
54	18850		125
55	18900		115
56	18950		5
57	19000		5
58	19050		5
59	19100		5
60	19150 * ¤		5
61	19200		5
62	19250		15
63	19300		5
64	19350 * ¤		5
5	19400		10
3	19450 * ¤		5
67	19500		5
68	19550		5
69	19600		5
70	19650		5
71	19700		5
72	19750		5
73	19800 * ¤		5
74	19850 * ¤	5.0g	5
75	19900 * ¤	5.0g	5
76	19950		5
77	20000 * ¤		5
78	20050		5
79	20100 * ¤	2.0g	5
80	20150		5
81	20200 ¤		5
82	20250		5
83	20300 * ¤		5
84	20350 *		5
85	20400 *		105
86	20450 * ¤		20
87	24200E–20500N		5
88	24300E–19000N		5
89	19050		25
90	19100		5
91	19150		30
?	19200		5
3	19250		5
94	19300		5
95	19350		5
96	24300E–19400N		15

T.T. No.	SAMPLE No.	Au (ppb)
	24300E–19450N *	5
98	19500	5
99	19550	5
100	19600	5
2	19650	5
3	19700	5
4	19750	5
5	19800	5
6	19850	5
7	19900	5
8	19950	5
9	24300E–20000N	5
10	24400E–18000N	10
11	18050	5
12	18100	5
13	18150	10
14	18200	5
15	18250	5
16	18300	5
17	18350	10
18	18400	5
19	18450	35
20	18500 * ¤	30
21	18550	35
22	18600	35
23	18650	220
[illegible]	18700	5
[illegible]	18850	40
26	18900	5
27	18937	5
28	19000	5
29	19050	10
30	19100	5
31	19150	5
32	19200	5
33	19250	5
34	19300	5
35	19350	5
36	19400	5
37	19450	5
38	19500	20
39	19550	5
40	19600	5
41	19650	10
42	19700	5
43	19750	5
44	19800	5
45	19850	5
46	19900	5
47	19950	5
48	24400E–20000N	5
49	24500E–19000N	5
50	19050 *	15
[illegible]	19100 * ¤	20
3	19200	25
4	19250 *	250
5	19300	45
6	24500E–19350N	15

T.T.	SAMPLE No.	Au (ppb)
	24500E–19400N	5
8	19450 * ¤	5
9	19500	5
10	19550	5
11	19600	5
12	19650	5
13	19700	5
14	19750 * ¤	5
15	19900 * ¤	5
16	19950 * ¤	5
17	24500E–20000N * ¤	5
18	24600E–15500N	5
19	15550	5
20	15600	5
21	15650	5
22	15700	5
23	15750	5
24	15800	5
25	15850	5
26	15900	5
27	15950	5
28	16000	5
29	16050	5
30	16100	5
31	16150	5
32	16200	5
3	16250	5
4	16300	5
35	16350	5
36	16400	5
37	16450	5
38	16500	5
39	16550	5
40	16600	5
41	16650	5
42	16700	5
43	16750	5
44	16800	5
45	16850	5
46	16900	5
47	16950	5
48	17000	5
49	17050	5
50	17100	5
2	17150	5
3	17200	5
4	17250	5
5	17300	5
6	17350	5
7	17400	10
8	17450	20
9	17500	5
10	17550	10
1	17600	5
12	17650	5
13	17700	5
14	17750	5
15	24600E–17800N	15

T.T. No.	SAMPLE No.	Au (ppb)
5	24600E–17850N	10
17	17900	5
18	17950	15
19	18000	5
20	18050	10
21	18100	5
22	18150	15
23	18200	5
24	18250	10
25	18300	10
26	18350	5
27	18400	25
28	18450	5
29	18500	10
30	18550	5
31	18600	5
32	18650	5
33	18700	5
34	18750	5
35	18800	5
36	18850	90
37	18900	20
38	19000 * ¤	5
39	19050 * ¤	5
40	19100	20
41	19150	70
42	19200	110
43	19250	5
44	19300	15
45	19350	5
46	19400	5
47	19450	5
48	19500	5
49	19550	5
50	19600	5
52	19650	5
53	19700 *	5
54	19750	5
55	19800	40
56	19850 * ¤	5
57	19900 * ¤	5
58	19950 ¤	5
59	20000	5
60	20050	5
61	20100	5
62	20200 * ¤	5
63	20250	5
64	20300	5
65	20350	5
66	20400	5
67	20450	5
68	24600E–20500N	5
69	24700E–19000N	5
70	19050	15
71	19100	15
72	19150 * ¤	10
73	19200	30
74	24700E–19250N	40

T.T. No.	SAMPLE No.	Au (ppb)
75	24700E–19300N	10
76	19350 * ¤	5
77	19400	5
78	19450	5
79	19500	5
80	19550	20
81	19600 ¤	5
82	19650 *	5
83	19700 *	5
84	19750 * ¤	5
85	19800	5
86	19850	5
87	19900	25
88	19950	5
89	24700E–20000N	5
90	24800E–18050N	5
91	18100	5
92	18150	5
93	18200	5
94	18250	5
95	18300	5
96	18350	5
97	18400	5
98	18450	5
99	18500	5
100	18550	5
2	18600	5
3	18650	5
4	18800	125
5	18850	10
6	18900	5
7	19000	5
8	19050	85
9	19100 * ¤	30
10	19150 * ¤	25
11	19200	15
12	19250 * ¤	5
13	19300 * ¤	5
14	19350 * ¤	5
15	19400	10
16	19450	5
17	19500	5
18	19550 * ¤	5
19	19600	5
20	19650	35
21	19700	5
22	19750	5
23	19800	5
24	19850 *	5
25	19900	5
26	19950	5
27	20000	5
28	20100	10
29	20150	5
30	20200	5
31	20250	5
32	20300 * ¤	5
33	24800E–20350N	5

T.T. No.	SAMPLE No.	Au (ppb)
1	24800E–20400N	5
35	20450	5
36	24800E–20500N	5
37	24900E–19000N * ¤	5
38	19050	20
39	19100 * ¤	5
40	19150 * ¤	5
41	19200	5
42	19250 * ¤	5
43	19300	5
44	19350	5
45	19400	5
46	19450 * ¤	5
47	19500	5
48	19550	5
49	19600	5
50	19650	5
52	19700	5
53	19750	5
54	19800 * ¤	5
55	19850 * ¤	5
56	19900 * ¤	5
57	19950 * ¤	5
58	24900E–20000N	5
59	25000E–15500N	5
60	15550	5
61	15600	5
62	15650	5
63	15700	5
64	15750	5
65	15800	5
66	15850	5
67	15900 *	25
68	15950	5
69	16000	5
70	16050	5
71	16100	5
72	16150	5
73	16200	5
74	16250	5
75	16300	5
76	16350	5
77	16400	5
78	16450	5
79	16500	5
80	16550	5
81	16600	5
82	16650	5
83	16700	5
84	16750	5
85	16800	10
86	16850	270
87	16900	95
88	16950	35
89	17000	20
90	17050	25
91	17100	405
92	25000E–17150N	15

T.T. No.	SAMPLE No.	Au (ppb)
3	25000E–17200N	5
94	17250	20
95	17300	5
96	17350	5
97	17400	5
98	17450	5
99	17500	35
100	17550	5
2	17600	5
3	17650 *	5
4	17700	30
5	17750	5
6	17800	5
7	17850	10
8	17900	5
9	17950	5
10	18000	5
11	18100	5
12	18150	5
13	18200	5
14	18250	5
15	18300	5
16	18350	5
17	18400	5
18	18450	5
19	18500	5
20	18550	5
21	18600	15
22	18700	5
23	18750	60
24	18800	35
25	18850	60
26	18900	10
27	19000	5
28	19050	5
29	19100	15
30	19150	5
31	19200	5
32	19250	10
33	19300	20
34	19350	5
35	19400	5
36	19450	5
37	19500	5
38	19550	5
39	19600	5
40	19650	5
41	19700	5
42	19750	5
43	19800	5
44	19850	5
45	19900	5
46	19950	5
47	20000	5
48	20050	40
49	20100	5
50	20150	5
2	25000E–20200N	5

T.T. No.	SAMPLE No.	Au (ppb)
3	25000E–20250N	5
4	20300	5
5	20350	5
6	20400	5
7	20450	5
8	25000E–20500N	5
9	25200E–18000N	5
10	18050	5
11	18150	5
12	18200	5
13	18250	5
14	18300 * ¤	5
15	18350	5
16	18400	5
17	18450	5
18	18500	5
19	18550	5
20	18600	10
21	18650	15
22	18700	5
23	18750	5
24	18800	5
25	18850	35
26	18900	5
27	19000	5
28	19050	5
29	19100	30
30	19200	5
31	19250	5
32	19300	5
33	19350	5
34	19400	5
35	19450	5
36	19500	5
37	19550	5
38	19600	5
39	19650	5
40	19700	5
41	19750	5
42	19800	5
43	19850	5
44	19900	5
45	19950	5
46	25200E–20000N	5
47	25600E–18000N	5
48	18050	5
49	18100	140
50	18150	10
52	18200	10
53	18250	5
54	18300	5
55	18350	5
56	18400	5
57	18450	5
58	18550	5
59	18600	5
60	18650	5
61	25600E–18700N	5

T.T. No.	SAMPLE No.	Au (ppb)
?	25600E–18750N	5
63	18850	5
64	18900	5
65	18950	5
66	19000	5
67	19050 * ¤	5
68	19100 *	5
69	19150 *	5
70	19250	5
71	19300	5
72	19350	5
73	19400	5
74	19450	5
75	19500	5
76	19550	5
77	19600	5
78	19650 *	5
79	19700 *	5
80	19750 *	5
81	19850	10
82	19900 *	5
83	19950 *	5
84	25600E–20000N	5
85	25800E–18150N	5
86	18200	5
87	18250	5
88	18300	5
89	18350	5
90	18450	5
91	18500	5
92	18550	10
93	18600	5
94	18700	5
95	18750	5
96	18800	5
97	18900	5
98	18950	5
99	19000	5
100	19050	5
2	19100	5
3	19150	5
4	19200	5
5	19250 *	5
6	19300	35
7	19350	15
8	19400	35
9	19450	5
10	19550	5
11	19600	5
12	19650	5
13	19750	5
14	19800	5
15	19850	5
16	19900	5
17	19950	5
18	25800E–20000N *	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 File # 91-4129 Page 1

1050 Davie St., Vancouver BC V6E 1M4

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	Hg ppb
18000E 18050N	2	31	4	84	.4	41	15	177	3.35	238	5	ND	4	29	.2	2	2	59	.15	.058	17	47	.56	351	.08	4	2.81	.01	.14	1	85
18000E 18100N	1	27	11	91	.3	36	12	163	3.08	89	5	ND	4	27	.5	3	2	56	.17	.041	20	41	.64	302	.09	3	2.56	.01	.14	1	25
18000E 18150N	2	44	12	115	.3	47	20	313	3.51	217	5	ND	6	37	.4	2	2	56	.19	.047	26	47	.64	369	.10	2	2.91	.01	.17	1	60
18000E 18200N	2	41	16	130	.1	42	16	288	4.02	145	5	ND	3	26	.3	2	2	62	.13	.053	31	44	.53	241	.10	3	2.74	.01	.16	1	65
18000E 18250N	2	29	14	80	.3	23	9	277	4.63	150	5	ND	8	23	.2	2	2	78	.08	.045	28	26	.26	180	.13	2	2.18	.01	.10	1	50
18000E 18450N	2	51	12	140	.2	92	26	327	4.62	108	5	ND	7	98	.3	2	2	52	.41	.041	22	35	.70	182	.09	2	2.42	.02	.22	1	20
18000E 18500N	1	18	10	110	.1	45	23	290	3.53	42	5	ND	7	33	.3	2	2	55	.19	.025	19	36	.53	266	.08	2	2.25	.01	.13	1	15
18000E 18550N	1	29	13	113	.1	56	29	266	4.30	79	5	ND	7	41	.4	2	2	55	.16	.028	19	37	.59	241	.08	2	2.39	.01	.12	1	25
18000E 18600N	1	53	9	80	.1	32	11	210	3.54	47	5	ND	9	20	.2	2	2	52	.09	.020	24	38	.58	115	.10	2	2.08	.01	.10	1	25
18000E 18650N	1	22	8	59	.1	27	10	172	3.37	58	5	ND	6	37	.3	2	2	41	.19	.039	19	28	.45	211	.07	2	1.37	.01	.14	1	20
18000E 18700N	1	15	9	68	.1	23	18	195	3.27	44	5	ND	6	28	.2	2	2	48	.18	.029	20	28	.46	175	.07	2	1.69	.01	.11	1	15
18000E 18750N	2	30	12	67	.1	27	13	201	3.27	49	5	ND	7	26	.2	2	2	54	.15	.022	18	30	.47	193	.07	3	1.91	.01	.10	1	25
RE 18400E 16000N	1	25	12	91	.1	20	12	344	3.21	32	5	ND	14	72	.2	2	2	66	.45	.080	33	37	.60	359	.13	3	1.68	.01	.10	1	10
18000E 18800N	1	10	12	65	.1	19	13	201	2.93	24	5	ND	5	29	.4	2	2	52	.19	.025	17	27	.41	183	.08	2	1.49	.01	.11	1	10
18000E 18850N	2	15	55	187	.4	19	22	418	4.18	19	11	ND	26	54	.8	2	2	61	.24	.111	31	31	.54	335	.14	2	1.58	.01	.20	1	15
18000E 18900N	3	24	24	63	.1	16	12	251	4.67	89	5	ND	18	59	.2	2	2	96	.13	.072	30	38	.63	289	.11	2	2.16	.02	.15	1	10
18000E 18950N	2	22	12	71	.1	25	13	287	3.87	42	5	ND	10	23	.2	2	2	53	.11	.021	19	39	.59	238	.08	2	2.28	.01	.08	1	15
18400E 16000N	1	26	13	92	.1	20	12	351	3.23	32	5	ND	13	72	.2	2	3	67	.44	.081	34	37	.60	360	.13	3	1.70	.01	.11	1	15
18400E 16050N	1	14	10	153	.2	21	15	786	3.15	8	5	ND	7	40	.3	2	2	61	.44	.083	17	47	.56	414	.17	6	1.60	.02	.18	1	15
18400E 16100N	1	23	16	174	.1	29	20	804	5.27	19	5	ND	32	78	.3	2	2	126	.59	.228	92	61	.88	412	.27	4	2.15	.01	.54	1	10
18400E 16150N	1	26	22	190	.1	27	18	1165	5.00	14	5	ND	28	188	.5	2	2	117	.65	.209	84	68	.91	485	.26	6	1.90	.02	.63	1	20
18400E 16200N	1	30	15	132	.1	28	17	622	3.93	33	5	ND	15	59	.2	2	2	78	.39	.115	42	49	.64	363	.14	3	2.10	.01	.26	1	10
18400E 16250N	1	50	15	171	.1	26	16	931	4.43	136	5	ND	46	143	.2	2	6	95	.56	.159	67	52	.72	351	.19	6	1.72	.01	.39	1	25
18400E 16300N	1	24	16	104	.2	21	15	746	3.53	17	5	ND	17	82	.3	2	2	67	.48	.149	29	39	.55	452	.13	6	1.75	.01	.39	1	20
18400E 16350N	1	27	30	100	.1	25	12	466	3.61	30	5	ND	67	67	.3	2	2	56	.24	.097	33	37	.56	295	.10	2	2.13	.01	.12	1	25
18400E 16400N	1	47	38	89	.2	20	9	253	3.21	36	5	ND	65	33	.2	2	2	50	.22	.051	34	34	.50	237	.08	2	2.21	.01	.08	1	30
18400E 16450N	1	27	27	74	.1	16	8	238	2.92	27	7	ND	51	44	.2	2	2	47	.23	.071	31	32	.45	185	.08	2	1.84	.02	.10	1	20
18400E 16500N	1	26	28	128	.3	17	12	829	3.31	37	8	ND	38	31	.3	2	3	52	.24	.126	48	26	.37	292	.06	3	1.73	.01	.09	1	35
18400E 16550N	1	22	26	110	.1	27	11	297	3.62	25	5	ND	55	24	.2	2	2	58	.19	.065	27	37	.55	205	.08	2	2.44	.01	.11	1	20
18400E 16600N	1	95	21	110	.2	13	9	277	3.96	104	13	ND	87	55	.3	2	6	64	.27	.168	40	29	.46	239	.12	2	1.75	.01	.21	1	25
18400E 16650N	1	21	17	88	.1	21	10	245	3.78	41	5	ND	28	19	.2	2	2	58	.15	.047	16	31	.49	154	.09	4	2.01	.01	.11	1	25
18400E 16700N	1	20	14	97	.1	25	12	500	3.53	15	5	ND	19	17	.3	2	2	64	.14	.061	17	35	.50	242	.08	2	2.30	.01	.07	1	25
18400E 16750N	1	16	18	94	.1	24	12	404	3.73	21	5	ND	17	21	.2	2	2	58	.14	.042	17	33	.52	236	.08	3	2.11	.01	.11	1	25
18400E 16800N	1	20	11	80	.1	21	9	273	3.08	18	5	ND	11	15	.2	2	4	52	.11	.029	16	32	.48	185	.08	2	1.92	.01	.06	1	40
18400E 16850N	1	11	12	57	.1	17	7	164	2.72	20	5	ND	4	21	.2	2	2	51	.14	.032	16	30	.35	215	.05	2	1.88	.01	.04	1	30
18400E 16900N	1	17	9	62	.2	20	10	205	2.97	11	5	ND	7	15	.2	2	3	48	.11	.015	15	32	.47	172	.07	2	1.94	.01	.04	1	20
18400E 16950N	1	11	12	83	.2	18	15	354	3.25	12	5	ND	5	14	.2	2	2	59	.11	.040	14	30	.43	169	.08	2	2.00	.01	.05	1	30
STANDARD C	18	56	38	131	7.0	72	34	1030	3.90	40	20	7	37	53	18.5	16	19	57	.48	.089	37	58	.87	175	.09	34	1.85	.06	.15	12	1400

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: PULP HG ANALYSIS BY FLAMELESS AA. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 4 1991 DATE REPORT MAILED: Sept 10/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 FILE # 91-4129

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
18400E 17000N	1	8	11	70	.1	10	7	346	3.13	11	5	ND	7	12	.2	2	2	61	.11	.057	18	27	.35	113	.07	3	1.45	.01	.04	1	15
18400E 17050N	1	22	16	69	.1	20	12	353	3.58	17	5	ND	19	13	.2	2	2	59	.10	.024	23	40	.52	175	.08	2	2.47	.01	.05	1	20
18400E 17100N	1	24	8	60	.1	18	7	133	2.38	8	8	ND	5	19	.2	2	2	37	.21	.056	20	26	.41	167	.05	2	1.49	.01	.03	1	40
18400E 17150N	1	12	17	69	.1	11	5	176	3.07	40	5	ND	18	13	.2	2	2	65	.11	.061	22	25	.27	147	.06	2	1.53	.01	.04	1	15
18400E 17200N	2	21	21	75	.1	19	10	268	4.24	50	5	ND	35	14	.2	2	2	68	.10	.057	33	34	.41	186	.07	2	2.57	.01	.05	1	40
18400E 17250N	1	23	31	136	.1	11	7	224	4.73	226	8	ND	27	11	.2	2	2	75	.06	.051	49	36	.59	81	.07	2	1.99	.01	.09	1	170
18400E 17300N	1	8	16	50	.1	10	6	123	3.90	20	5	ND	6	10	.2	2	2	63	.08	.035	17	26	.29	73	.06	2	1.50	.01	.03	1	25
18400E 17350N	1	17	9	55	.1	17	7	153	2.45	10	5	ND	1	18	.2	2	2	40	.18	.058	16	26	.36	123	.05	2	1.32	.01	.04	1	40
18400E 17400N	1	33	11	62	.1	26	11	254	2.81	14	5	ND	25	18	.2	2	2	41	.17	.040	42	30	.47	179	.07	2	1.60	.01	.05	1	95
18400E 17450N	1	21	8	56	.1	21	9	262	2.40	9	5	ND	5	19	.2	2	2	35	.20	.046	19	24	.39	168	.06	2	1.27	.01	.04	1	35
18400E 17500N	1	29	18	90	.1	21	14	313	3.83	12	6	ND	16	19	.2	2	2	70	.13	.070	18	41	.57	145	.14	3	1.96	.01	.12	1	20
18400E 17550N	1	20	9	62	.1	22	11	327	2.76	10	5	ND	4	20	.2	2	2	40	.20	.051	19	27	.45	245	.06	2	1.49	.01	.04	1	40
18400E 17600N	1	18	12	61	.1	20	9	193	2.77	15	5	ND	8	16	.2	2	2	42	.14	.039	23	27	.41	175	.06	2	1.63	.01	.04	1	45
18400E 17650N	1	18	12	66	.1	19	9	191	2.75	13	5	ND	9	18	.2	2	2	42	.16	.046	19	27	.42	160	.06	3	1.63	.01	.04	1	40
18400E 17700N	1	40	16	77	.1	28	12	299	2.89	23	5	ND	17	22	.2	2	2	42	.23	.059	27	30	.48	203	.06	3	1.79	.01	.05	1	65
18400E 17750N	1	17	11	68	.1	21	11	225	3.17	12	5	ND	9	18	.2	2	2	47	.13	.023	15	33	.48	159	.06	2	2.07	.01	.05	1	25
18400E 17800N	1	47	45	191	.1	22	23	805	7.15	72	10	ND	87	38	.2	2	2	84	.41	.135	157	42	1.20	218	.34	2	2.71	.02	.56	1	40
18400E 17850N	1	37	14	101	.1	29	15	415	3.51	27	5	ND	21	35	.2	2	2	50	.24	.059	24	40	.56	207	.09	2	2.02	.01	.09	1	35
18400E 17900N	1	14	8	49	.1	11	5	126	1.58	5	5	ND	8	15	.2	2	2	50	.14	.030	17	41	.50	109	.28	2	.92	.01	.21	1	20
18400E 17950N	1	10	15	47	.1	8	5	146	2.68	104	5	ND	1	10	.2	2	2	60	.06	.077	13	19	.13	122	.05	2	.88	.01	.03	1	20
18400E 18050N	2	42	22	131	.1	37	15	485	4.78	443	5	ND	51	108	.2	2	2	85	.42	.120	64	64	1.20	435	.27	2	2.22	.02	.49	1	30
18400E 18100N	2	44	11	99	.3	31	11	256	3.41	324	5	ND	22	65	.3	2	2	61	.47	.063	40	42	.74	333	.11	2	1.96	.02	.13	1	40
18400E 18150N	1	27	7	79	.1	26	10	209	2.55	190	5	ND	11	44	.3	2	2	45	.34	.057	27	34	.55	221	.08	2	1.61	.01	.12	1	45
18400E 18200N	2	25	10	86	.1	24	13	267	2.96	183	5	ND	7	39	.2	2	2	50	.34	.066	25	33	.53	256	.07	2	1.70	.01	.09	1	55
18400E 18250N	2	21	9	84	.1	22	12	313	2.59	152	5	ND	8	38	.2	2	2	50	.31	.059	27	34	.55	191	.08	6	1.55	.02	.10	1	30
18400E 18300N	1	19	7	90	.1	23	9	581	2.30	8	5	ND	3	42	.2	2	2	36	.80	.070	14	25	.52	295	.06	2	1.30	.02	.06	1	35
18400E 18350N	1	31	9	88	.1	34	12	176	2.69	10	5	ND	4	39	.6	2	2	43	.52	.062	17	29	.53	387	.07	2	1.42	.02	.06	1	30
18400E 18400N	1	21	5	80	.1	24	10	396	2.38	8	5	ND	3	39	.2	2	2	35	.61	.063	14	23	.48	250	.06	2	1.16	.02	.05	1	30
18400E 18450N	1	20	8	102	.3	24	10	348	2.10	4	5	ND	4	46	.8	2	2	38	.44	.068	15	27	.43	373	.04	2	1.31	.01	.07	1	120
18400E 18500N	1	25	22	90	.1	26	10	176	2.57	11	5	ND	6	41	.2	2	2	34	.20	.026	32	25	.53	308	.03	2	1.55	.01	.13	1	15
18600E 16000N	1	19	8	61	.1	21	9	198	2.51	13	5	ND	6	24	.2	2	2	41	.22	.029	18	28	.45	202	.06	2	1.44	.01	.04	1	25
RE 18400E 18350N	1	31	11	96	.1	34	12	172	2.71	11	5	ND	4	39	.5	2	2	43	.51	.064	18	28	.54	386	.07	2	1.43	.02	.06	1	35
18600E 16050N	1	22	8	63	.1	20	9	220	2.59	16	5	ND	7	26	.2	2	2	42	.24	.031	20	27	.48	214	.07	2	1.44	.01	.04	1	115
18600E 16100N	1	21	11	62	.1	22	10	242	2.49	13	5	ND	7	26	.2	2	2	39	.25	.032	20	28	.48	215	.06	2	1.31	.01	.04	1	25
18600E 16150N	1	20	8	60	.1	21	9	213	2.54	15	5	ND	6	25	.2	2	2	41	.23	.032	18	27	.46	207	.06	2	1.41	.01	.04	1	25
18600E 16200N	1	20	12	61	.1	21	9	215	2.52	16	5	ND	7	24	.2	2	2	42	.22	.031	18	26	.46	201	.06	2	1.42	.01	.04	1	20
18600E 16250N	1	18	7	61	.1	19	9	201	2.54	16	5	ND	6	25	.2	2	2	43	.21	.029	17	28	.45	202	.06	2	1.48	.01	.04	1	30
STANDARD C	19	59	41	133	7.4	70	32	1062	4.01	42	17	7	40	52	18.7	16	21	57	.49	.091	39	58	.87	178	.09	32	1.90	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
18600E 16300N	1	20	9	62	.1	21	7	199	2.58	14	5	ND	6	23	.2	2	2	40	.20	.035	16	26	.45	215	.05	3	1.50	.01	.04	1	80
18600E 16350N	1	21	9	64	.2	24	7	209	2.67	16	5	ND	6	24	.2	2	2	41	.22	.035	17	30	.46	225	.05	3	1.55	.01	.05	1	50
18600E 16400N	1	20	11	62	.2	21	7	214	2.61	14	5	ND	6	24	.2	2	2	40	.22	.039	17	26	.46	223	.06	3	1.48	.01	.05	1	65
18600E 16450N	1	17	10	51	.1	16	5	152	2.17	9	5	ND	3	22	.2	2	2	33	.22	.043	17	22	.38	186	.05	2	1.23	.01	.04	1	40
18600E 16500N	1	22	11	75	.3	20	17	721	3.05	15	5	ND	5	20	.2	2	2	51	.16	.046	15	31	.42	231	.05	2	1.90	.01	.04	1	45
18600E 16550N	1	11	21	68	.2	18	8	292	3.69	15	5	ND	8	13	.2	2	2	58	.11	.104	14	30	.45	218	.06	3	2.12	.01	.06	1	35
18600E 16600N	1	20	16	79	.1	24	9	287	3.70	16	5	ND	13	17	.2	2	2	58	.13	.053	17	33	.49	281	.06	2	2.40	.01	.06	1	15
18600E 16650N	1	19	10	65	.1	21	7	224	2.72	15	5	ND	2	18	.2	2	2	42	.15	.050	14	26	.45	160	.05	2	1.60	.01	.04	1	50
18600E 16700N	1	10	17	63	.3	13	6	424	2.60	26	5	ND	8	19	.5	2	2	51	.16	.051	18	23	.31	182	.05	2	1.44	.01	.04	1	15
18600E 16750N	1	18	18	107	.2	29	10	357	3.81	20	5	ND	13	20	.2	2	2	59	.14	.059	17	37	.51	255	.05	2	2.60	.01	.06	1	320
18600E 16800N	1	18	14	75	.1	15	7	226	2.95	73	5	ND	21	57	.3	2	2	47	.10	.030	22	27	.37	203	.03	2	2.07	.01	.04	1	45
18600E 16850N	1	25	12	88	.3	25	10	317	3.70	51	5	ND	11	18	.2	3	2	67	.11	.029	25	41	.55	242	.07	2	3.05	.01	.06	1	65
18600E 16900N	1	44	11	97	.3	23	10	294	4.30	65	5	ND	16	38	.4	2	2	72	.20	.068	30	39	.75	188	.08	3	2.49	.01	.09	1	40
RE 18600E 17200N	1	15	14	66	.1	17	7	203	3.44	22	5	ND	7	16	.2	2	2	48	.14	.039	20	31	.45	164	.06	2	2.07	.01	.06	1	60
18600E 16950N	1	21	12	64	.1	22	9	216	3.22	26	5	ND	8	21	.2	2	2	46	.17	.050	20	30	.48	155	.06	2	1.85	.01	.05	1	25
18600E 17000N	1	29	9	60	.1	21	7	231	2.57	14	5	ND	7	21	.2	2	2	34	.23	.060	20	23	.44	150	.06	2	1.30	.01	.03	1	25
18600E 17050N	1	16	11	62	.1	17	8	269	3.03	15	5	ND	10	16	.2	2	2	54	.11	.026	24	32	.46	199	.07	2	2.20	.01	.04	1	30
18600E 17150N	1	20	11	68	.1	23	9	283	3.14	17	5	ND	6	19	.2	2	2	42	.19	.057	19	29	.47	150	.05	2	1.74	.01	.05	1	30
18600E 17200N	1	12	13	61	.1	17	7	192	3.25	22	5	ND	8	15	.2	2	2	45	.14	.037	19	30	.43	154	.06	2	1.97	.01	.05	1	45
18600E 17250N	1	12	18	59	.1	13	6	225	2.67	55	8	ND	3	20	.2	2	2	42	.16	.058	39	23	.32	147	.03	2	1.42	.01	.05	1	115
18600E 17300N	1	31	28	100	.3	15	9	450	5.18	80	5	ND	13	15	.3	2	2	75	.12	.127	22	34	.47	150	.07	2	1.95	.01	.09	1	30
18600E 17350N	1	33	27	104	.1	17	8	439	4.84	64	6	ND	8	18	.2	2	3	65	.17	.081	32	38	.50	140	.07	2	1.86	.01	.08	1	75
18600E 17400N	1	32	45	94	.3	25	11	356	4.19	38	5	ND	72	21	1.0	2	2	66	.22	.071	37	42	.61	182	.09	2	2.60	.01	.09	1	145
18600E 17450N	1	48	17	87	.1	21	11	390	3.35	53	8	ND	18	28	.2	2	2	55	.27	.067	31	42	.59	186	.08	4	1.77	.01	.11	1	250
18600E 17500N	1	53	39	76	.3	16	8	230	2.98	80	10	ND	27	55	.2	2	2	62	.54	.127	48	60	.86	254	.14	2	1.41	.01	.21	1	55
18600E 17550N	1	17	12	56	.1	15	5	157	2.46	19	5	ND	2	24	.2	2	2	39	.24	.060	17	24	.39	99	.05	3	1.03	.01	.06	1	65
18600E 17600N	1	23	14	56	.1	15	6	179	2.70	25	5	ND	2	26	.2	2	2	41	.21	.070	21	24	.43	126	.06	2	1.33	.01	.06	1	120
18600E 17700N	1	25	18	72	.1	18	6	203	2.65	52	5	ND	5	20	.2	2	2	44	.18	.052	26	29	.45	130	.06	3	1.39	.01	.06	1	60
18600E 17750N	1	33	19	94	.1	8	3	170	2.74	163	5	ND	3	14	.2	2	3	62	.12	.049	29	21	.20	88	.06	3	.90	.01	.08	1	45
18600E 17850N	1	122	43	141	.5	17	13	944	4.87	1107	19	ND	41	48	.4	3	8	81	.49	.092	74	36	.80	188	.15	2	1.58	.03	.24	1	80
18600E 17950N	1	89	40	203	.6	20	13	1005	6.69	371	25	ND	90	69	.9	2	3	88	.92	.202	142	38	1.45	179	.24	2	1.91	.02	.40	1	195
18600E 18000N	1	38	19	93	.2	24	9	247	3.50	287	5	ND	21	57	.2	2	2	59	.28	.071	39	53	.78	186	.13	2	1.75	.01	.24	1	30
18600E 18050N	1	21	9	80	.1	20	10	323	2.38	7	5	ND	1	30	.2	2	2	38	.36	.052	16	25	.46	298	.05	2	1.61	.01	.06	1	55
18600E 18200N	1	25	11	98	.1	24	9	281	2.59	6	5	ND	3	32	.3	2	2	43	.37	.047	16	27	.53	385	.05	3	1.66	.01	.07	1	45
18600E 18250N	1	22	12	86	.1	23	8	249	2.42	6	5	ND	4	36	.2	2	2	39	.43	.049	18	26	.51	364	.05	2	1.58	.01	.06	1	50
18600E 18300N	1	22	11	84	.2	31	13	390	2.59	5	5	ND	2	43	.7	2	2	43	.47	.042	15	28	.51	488	.05	2	1.92	.01	.08	1	60
18600E 18350N	1	27	18	89	.2	24	14	345	2.87	8	5	ND	3	27	.2	2	2	49	.26	.040	18	34	.48	394	.05	3	2.16	.01	.09	1	35
STANDARD C	18	58	41	132	6.9	70	32	1041	3.94	42	19	6	38	51	18.5	16	19	57	.48	.084	38	58	.88	174	.09	31	1.92	.06	.14	13	1500

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 FILE # 91-4129 Page .

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
18600E 18400N	1	28	13	70	.2	27	10	339	2.91	10	5	ND	6	37	.3	2	2	50	.44	.060	18	32	.63	348	.10	4	1.80	.03	.08	1	40
18600E 18450N	1	22	9	65	.1	24	8	227	2.80	9	5	ND	2	23	.3	2	2	51	.24	.041	15	29	.48	296	.06	3	2.13	.02	.09	1	45
18600E 18500N	3	67	24	110	.5	29	14	380	4.58	293	5	ND	34	106	.2	5	3	61	.50	.160	65	67	1.12	456	.18	5	1.92	.02	.65	1	25
18800E 16000N	1	41	25	63	.3	19	9	623	3.35	49	5	ND	57	59	.2	2	2	50	.40	.080	48	25	.51	357	.10	3	1.89	.01	.17	1	20
18800E 16050N	1	38	37	105	.4	19	11	825	4.06	360	5	ND	79	50	.2	2	7	58	.45	.177	58	25	.48	471	.07	4	2.11	.01	.16	1	15
18800E 16100N	1	17	20	112	.3	20	11	1182	3.56	28	5	ND	28	37	.2	2	3	58	.42	.121	32	28	.49	458	.15	5	1.89	.01	.25	1	25
18800E 16150N	1	49	27	108	.3	20	10	608	4.35	37	5	ND	86	83	.2	2	5	73	.53	.207	76	30	.57	332	.17	6	1.79	.01	.31	1	25
18800E 16200N	1	79	12	99	.4	21	12	915	3.67	50	5	ND	41	153	.2	2	5	59	.52	.214	53	33	.53	417	.16	7	1.65	.01	.23	1	15
18800E 16250N	1	42	25	90	.4	19	9	548	3.83	50	5	ND	43	168	.2	2	3	59	.68	.166	69	35	.63	537	.10	6	1.80	.01	.25	1	15
18800E 16300N	1	122	25	94	.4	16	11	736	4.09	144	8	ND	91	261	.3	2	7	77	.89	.397	100	37	.40	539	.09	3	1.30	.02	.17	1	35
18800E 16350N	1	83	41	125	.4	17	10	639	4.90	70	12	ND	134	390	.7	2	7	79	1.02	.416	111	36	.46	984	.10	5	1.61	.02	.17	1	25
18800E 16400N	1	15	13	58	.3	18	7	205	3.03	15	5	ND	7	18	.2	2	2	53	.11	.031	14	28	.41	218	.07	3	2.03	.01	.04	1	35
18800E 16450N	1	33	16	67	.3	24	10	291	4.32	33	5	ND	9	25	.2	2	2	71	.13	.065	19	38	.55	282	.08	3	2.49	.01	.10	1	45
18800E 16500N	1	48	27	49	.2	10	5	236	3.82	25	5	ND	51	403	.2	2	2	57	.60	.408	77	25	.56	282	.09	2	1.56	.01	.07	1	20
18800E 16550N	1	37	19	79	.2	14	8	563	3.90	46	5	ND	15	135	.2	2	6	76	.30	.240	32	28	.48	317	.08	5	1.84	.02	.09	1	35
18800E 16600N	1	154	13	72	.4	9	6	342	5.62	102	5	ND	55	179	.2	2	6	102	.45	.413	53	29	.80	391	.19	5	1.78	.01	.24	1	30
18800E 16650N	1	41	19	76	.3	18	8	721	3.54	29	5	ND	10	404	.2	2	3	68	.33	.188	37	33	.55	321	.18	4	1.53	.01	.24	1	30
18800E 16700N	1	28	20	46	.3	6	2	343	2.05	46	5	ND	4	50	.2	2	3	56	.28	.059	18	16	.24	122	.16	2	.94	.01	.08	1	25
18800E 16750N	1	47	11	70	.6	29	9	269	3.83	636	5	ND	7	19	.2	2	2	67	.12	.030	22	36	.54	201	.05	2	2.44	.01	.07	1	535
18800E 16800N	1	14	12	61	.1	19	9	296	3.74	181	5	ND	8	16	.2	2	2	54	.11	.036	17	31	.49	133	.05	4	2.00	.01	.06	1	85
18800E 16850N	1	15	13	52	.4	18	7	220	4.53	127	5	ND	9	16	.2	2	2	68	.11	.063	17	44	.45	206	.07	2	3.30	.01	.06	1	100
RE 18800E 16650N	1	41	17	77	.4	18	8	711	3.56	29	5	ND	8	405	.2	2	3	67	.32	.186	36	33	.55	323	.17	7	1.53	.01	.24	1	25
18800E 16900N	1	53	15	80	.2	15	10	385	3.78	243	5	ND	13	60	.2	8	3	66	.32	.102	50	25	.46	144	.06	2	1.58	.01	.06	1	35
18800E 16950N	1	18	14	52	.1	13	6	277	2.79	77	5	ND	2	27	.2	2	2	55	.29	.054	22	25	.48	112	.05	2	1.50	.01	.05	1	35
18800E 17000N	1	33	10	54	.3	12	6	227	2.28	61	5	ND	1	39	.2	2	3	39	.28	.066	26	28	.42	133	.04	5	1.29	.01	.05	1	115
18800E 17050N	1	13	11	45	.1	11	5	161	3.14	51	5	ND	10	18	.2	2	2	57	.16	.032	20	33	.40	97	.08	3	1.66	.01	.05	1	35
18800E 17100N	1	21	21	61	.2	13	6	270	2.89	184	5	ND	23	29	.2	2	5	49	.27	.066	39	30	.52	89	.08	4	1.46	.01	.08	1	55
18800E 17150N	1	23	18	70	.5	13	5	329	2.80	105	5	ND	20	57	.2	2	4	64	.33	.087	35	30	.57	102	.18	8	1.12	.01	.13	1	35
18800E 17200N	1	34	15	69	.2	13	6	248	2.94	152	5	ND	19	57	.2	2	3	58	.37	.077	50	33	.55	122	.10	2	1.23	.01	.07	1	145
18800E 17250N	1	146	33	112	.4	15	14	932	5.10	432	5	ND	50	48	.2	2	7	91	.56	.224	90	43	.92	112	.24	2	1.39	.01	.18	1	20
18800E 17300N	1	137	24	76	.9	12	5	222	3.93	239	12	ND	51	45	.2	2	8	76	.43	.086	80	34	.65	128	.18	3	1.30	.02	.20	1	70
18800E 17350N	1	90	18	104	1.0	23	10	378	5.00	273	19	ND	42	70	.2	2	5	109	.75	.156	84	76	1.16	212	.27	2	1.49	.02	.53	1	75
18800E 17400N	1	69	17	83	.6	21	10	292	4.01	458	5	ND	27	53	.2	2	5	92	.81	.128	41	64	1.06	285	.28	11	1.50	.01	.27	1	35
18800E 17450N	1	68	29	124	.4	17	9	410	4.23	146	5	ND	37	81	.2	3	3	80	.59	.183	68	59	1.17	224	.26	5	1.54	.02	.59	1	55
18800E 17500N	1	48	30	70	.4	13	7	250	3.67	191	5	ND	25	62	.2	2	3	72	.43	.088	41	44	.84	187	.18	2	1.77	.01	.13	1	60
18800E 17550N	1	33	18	67	.5	15	6	211	3.20	139	5	ND	14	28	.2	2	3	65	.24	.044	25	41	.64	146	.18	3	1.50	.01	.12	1	45
18800E 17600N	1	79	26	114	.5	21	14	1002	4.10	315	7	ND	40	86	.2	2	4	79	.74	.164	67	60	1.29	214	.26	3	1.47	.02	.57	1	110
STANDARD C	18	57	37	132	6.7	70	32	1039	3.94	39	17	7	36	53	18.0	16	19	56	.48	.089	36	58	.88	175	.09	34	1.88	.06	.15	13	1500

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 FILE # 91-4129 Page 3

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	Hg ppb
18800E 17650N	1	12	16	45	.1	8	2	65	1.51	5	5	ND	2	11	.2	2	2	41	.04	.024	34	12	.07	218	.02	2	1.27	.01	.08	1	30
18800E 17700N	1	24	21	76	.1	17	8	234	3.32	163	6	ND	15	16	.2	2	2	55	.12	.019	22	34	.43	215	.06	2	2.00	.01	.08	1	25
18800E 17800N	2	23	20	80	.2	16	7	202	3.66	16	5	ND	5	21	.2	2	2	56	.09	.065	26	18	.24	368	.02	3	1.65	.01	.10	1	45
18800E 17850N	1	23	18	87	.2	23	11	307	3.56	23	5	ND	6	17	.2	2	2	40	.10	.041	19	30	.43	133	.04	3	2.15	.01	.09	1	30
18800E 17900N	1	29	19	86	.4	17	7	184	2.52	118	5	ND	12	32	.2	2	2	44	.32	.060	34	29	.55	274	.08	2	1.42	.01	.11	1	55
RE 18800E 18200N	1	25	8	86	.2	26	7	244	2.44	9	5	ND	5	35	.2	2	2	41	.46	.062	17	23	.54	354	.08	2	1.31	.02	.07	1	25
18800E 18000N	1	24	9	80	.3	26	9	316	2.42	8	5	ND	4	47	.2	2	2	45	.69	.047	16	22	.52	457	.07	3	1.50	.02	.08	1	30
18800E 18050N	1	19	7	82	.1	23	7	248	2.35	7	5	ND	5	34	.2	2	2	41	.53	.066	18	23	.50	269	.08	2	1.32	.02	.08	1	30
18800E 18100N	1	18	7	88	.2	23	7	268	2.07	6	5	ND	3	38	.5	2	2	35	.56	.052	15	20	.47	387	.05	3	1.32	.02	.06	1	35
18800E 18150N	1	31	9	99	.2	27	9	265	2.60	7	5	ND	4	34	.9	2	2	50	.39	.046	21	24	.53	455	.06	3	1.61	.02	.08	1	30
18800E 18200N	1	24	9	84	.2	25	7	237	2.38	8	5	ND	5	34	.3	2	2	40	.45	.063	16	22	.53	337	.08	4	1.29	.02	.07	1	35
18800E 18250N	1	21	10	72	.1	23	9	276	2.34	8	5	ND	5	27	.2	2	2	39	.34	.049	17	22	.46	280	.07	3	1.34	.01	.06	1	25
18800E 18300N	1	21	7	85	.1	23	8	215	2.34	6	5	ND	5	30	.2	2	2	44	.39	.054	17	23	.50	311	.07	3	1.47	.02	.07	1	35
18800E 18350N	1	18	8	80	.1	24	9	257	2.34	6	5	ND	3	28	.2	2	2	44	.35	.048	18	25	.52	298	.07	4	1.62	.01	.07	1	40
18800E 18400N	1	27	12	86	.2	27	9	302	2.49	6	5	ND	5	32	.2	2	2	43	.40	.055	20	24	.56	431	.08	3	1.55	.02	.06	1	70
18800E 18450N	1	22	12	63	.2	24	9	248	2.34	8	5	ND	3	28	.2	2	2	42	.38	.041	17	22	.44	349	.06	2	1.51	.01	.07	1	35
18800E 18500N	1	23	6	72	.2	24	10	268	2.44	7	5	ND	5	26	.2	2	2	39	.34	.055	17	24	.49	243	.07	2	1.41	.01	.06	1	20
19200E 16000N	1	52	16	114	.6	33	19	468	5.18	66	5	ND	38	106	.2	2	4	105	.95	.413	91	89	1.37	411	.37	5	1.85	.02	1.22	1	10
19200E 16050N	1	284	25	139	.9	104	26	447	8.60	668	5	ND	36	102	.2	12	6	173	.87	.395	73	147	1.41	1936	.30	5	2.51	.02	.87	1	20
19200E 16100N	1	151	25	164	.5	17	11	376	6.75	332	5	ND	51	88	.5	10	22	135	.93	.412	111	109	1.60	349	.29	5	2.22	.01	1.27	1	10
19200E 16150N	1	73	15	107	.3	26	12	332	4.75	99	5	ND	15	35	.2	2	3	103	.30	.048	41	93	.96	221	.18	4	2.12	.01	.25	1	145
19200E 16200N	1	88	12	66	.4	20	8	204	2.76	34	7	ND	22	22	.2	2	2	54	.22	.024	29	36	.56	216	.08	2	1.76	.01	.06	1	65
19200E 16250N	1	30	15	63	.2	21	9	230	3.00	21	5	ND	10	15	.2	2	2	50	.13	.016	15	35	.54	161	.07	3	2.01	.01	.07	1	195
19200E 16300N	1	63	22	78	.5	15	11	320	3.43	62	5	ND	19	82	.2	2	3	71	.57	.166	54	53	.93	209	.18	3	1.67	.01	.21	1	145
19200E 16350N	1	62	34	76	.5	15	9	279	3.00	94	5	ND	20	85	.2	2	4	61	.54	.151	44	46	.79	146	.18	4	1.45	.01	.20	1	90
19200E 16400N	1	63	34	72	1.2	13	4	335	2.06	61	22	ND	27	42	.3	2	3	55	.48	.056	68	36	.37	199	.16	3	1.05	.02	.10	1	245
19200E 16450N	1	31	17	106	.4	16	7	466	3.14	264	5	ND	19	41	.2	2	3	68	.48	.116	47	41	.58	185	.11	5	1.57	.01	.11	1	80
19200E 16500N	1	25	23	94	.5	24	10	282	2.68	28	5	ND	6	36	.5	2	2	59	.30	.026	19	35	.62	349	.10	4	1.90	.01	.06	1	45
19200E 16550N	1	35	28	120	.4	41	13	219	3.78	24	5	ND	5	38	.2	5	2	86	.24	.017	16	48	.86	440	.14	2	3.07	.01	.07	1	40
19200E 16600N	2	20	25	118	.8	24	7	200	2.84	25	5	ND	3	32	.3	2	2	73	.22	.017	13	32	.61	282	.09	2	2.16	.01	.05	1	25
19200E 16650N	2	18	32	114	1.9	20	8	237	2.29	15	5	ND	4	31	.6	2	2	61	.24	.018	15	23	.44	271	.07	4	1.64	.01	.04	1	35
19200E 16700N	3	22	28	190	2.1	26	22	1054	2.90	24	5	ND	4	23	.7	2	2	62	.18	.019	14	29	.53	317	.07	2	2.22	.01	.04	1	45
19200E 16750N	1	30	23	409	1.3	55	7	302	2.86	16	5	ND	1	33	.8	2	2	66	.61	.352	14	50	.75	293	.06	3	2.10	.01	.08	1	20
19200E 16800N	2	13	19	170	1.4	23	11	267	2.94	14	5	ND	3	24	.4	2	2	68	.17	.020	14	27	.52	377	.08	2	2.31	.01	.05	1	50
19200E 16850N	2	14	20	204	3.9	23	15	400	3.59	14	5	ND	5	18	.6	2	2	83	.14	.030	14	34	.57	297	.09	4	2.35	.01	.06	1	120
19200E 16900N	2	16	18	93	1.1	20	9	313	3.24	12	5	ND	3	21	.2	3	2	81	.15	.021	13	32	.49	274	.09	2	2.26	.01	.05	1	35
19200E 16950N	2	28	29	72	.3	21	5	99	2.02	7	5	ND	1	29	1.0	2	2	55	.19	.061	15	24	.29	439	.04	2	1.76	.02	.04	1	95
STANDARD C	18	56	41	132	6.8	70	33	1042	3.96	38	18	7	36	53	18.4	16	19	55	.48	.090	37	58	.88	173	.09	34	1.88	.06	.15	13	1600

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 FILE # 91-4129 Page

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
19200E 17000N	2	81	63	286	2.2	98	13	349	3.04	12	5	ND	1	71	1.0	11	2	133	.69	.220	20	53	.83	505	.07	2	2.17	.01	.08	1	560
19200E 17050N	2	38	32	185	.4	44	18	328	3.98	10	5	ND	2	44	.5	3	2	92	.26	.056	17	58	.96	464	.11	2	2.65	.02	.09	1	40
19200E 17100N	3	34	26	98	.6	39	14	207	3.54	11	5	ND	2	39	.8	2	2	91	.25	.038	15	46	.64	433	.08	5	2.68	.01	.07	1	40
19200E 17150N	2	50	42	245	1.0	50	14	206	3.67	8	5	ND	1	54	1.5	2	2	103	.29	.050	18	60	.90	588	.11	2	2.84	.02	.10	1	40
19200E 17200N	1	37	21	139	.5	37	14	297	3.51	10	5	ND	4	47	.2	2	2	74	.40	.065	20	48	.80	490	.11	2	2.16	.02	.07	1	35
19200E 17250N	1	23	15	96	.3	27	11	183	2.95	6	5	ND	2	27	.5	2	2	58	.24	.054	16	39	.62	275	.08	2	1.86	.01	.06	1	30
19200E 17300N	1	40	12	140	.3	45	16	410	3.42	19	5	ND	5	29	.7	2	2	79	.31	.133	20	49	.55	276	.07	2	2.00	.01	.07	1	10
19200E 17350N	2	62	16	92	1.7	21	5	92	2.22	10	5	ND	1	35	2.4	2	2	77	.33	.247	19	45	.19	399	.02	4	1.45	.01	.05	1	70
19200E 17400N	3	63	7	351	1.7	26	6	103	.73	2	5	ND	1	50	3.2	2	2	48	.59	.101	14	9	.09	668	.01	21	.61	.02	.03	1	110
19200E 17500N	1	17	6	110	.1	25	7	163	2.27	5	5	ND	4	22	.7	2	2	40	.26	.037	13	24	.45	193	.05	3	1.33	.01	.04	1	10
19200E 17550N	3	46	15	171	.8	36	11	245	2.62	8	5	ND	4	40	1.5	2	2	129	.45	.046	20	38	.60	418	.06	2	1.89	.01	.06	1	145
19200E 17600N	7	42	17	739	.4	81	12	372	2.97	16	5	ND	5	43	3.7	8	2	134	.30	.087	23	35	.47	554	.05	5	1.60	.01	.10	1	40
19200E 17650N	2	13	4	296	.4	20	3	65	.74	2	5	ND	1	174	2.5	4	2	24	2.95	.073	4	13	.30	612	.02	10	.50	.01	.04	1	80
19200E 17700N	3	29	14	170	.3	42	11	238	2.37	7	5	ND	2	76	.8	2	2	68	.97	.096	19	41	.79	321	.07	5	1.50	.02	.06	1	50
19200E 17750N	4	28	15	351	.7	50	7	160	2.24	29	5	ND	3	135	1.8	3	2	64	1.46	.066	25	31	.55	386	.02	6	1.44	.01	.09	1	185
19200E 17800N	2	52	14	265	1.3	71	11	246	2.60	18	8	ND	3	76	3.2	2	2	74	.91	.069	20	30	.49	1080	.03	2	1.68	.01	.08	1	270
19200E 17850N	2	20	16	179	.4	24	17	716	3.20	8	5	ND	4	16	1.2	2	2	58	.13	.042	17	31	.38	338	.04	3	2.00	.01	.09	1	15
RE 19200E 18100N	2	10	13	82	.1	16	7	217	3.18	11	5	ND	3	15	.8	2	2	73	.13	.092	19	25	.32	159	.05	2	1.46	.01	.06	1	5
19200E 17900N	1	10	11	181	.2	20	13	256	3.07	9	5	ND	3	24	.7	2	2	61	.22	.047	15	28	.40	542	.04	2	1.87	.01	.07	1	40
19200E 17950N	1	12	15	253	.2	25	15	242	3.05	8	5	ND	4	16	.4	2	2	61	.13	.043	17	31	.46	339	.04	2	2.28	.01	.08	1	25
19200E 18000N	1	15	12	219	.4	23	14	603	2.90	5	5	ND	3	18	1.3	2	2	70	.16	.074	16	30	.36	530	.03	2	2.08	.01	.07	1	35
19200E 18050N	2	20	18	218	.2	41	16	346	4.02	15	5	ND	6	16	2.6	2	2	82	.13	.072	15	41	.60	439	.05	3	2.59	.01	.11	1	10
19200E 18100N	1	10	15	79	.1	15	7	208	3.09	11	5	ND	2	14	.9	2	2	71	.12	.091	18	25	.31	153	.05	2	1.41	.01	.05	1	5
19200E 18150N	1	16	13	69	.1	25	12	259	3.19	11	5	ND	6	15	.3	2	2	52	.11	.024	17	32	.46	226	.06	5	1.93	.01	.05	1	15
19200E 18200N	4	64	14	228	.4	54	13	267	3.10	13	5	ND	4	48	2.6	2	2	113	.33	.103	26	31	.40	740	.05	5	1.27	.01	.09	1	135
19200E 18250N	2	41	13	178	.3	42	12	307	3.04	12	5	ND	5	39	1.2	2	2	85	.49	.077	19	35	.59	600	.08	4	1.64	.02	.07	1	120
19200E 18300N	2	21	5	108	.1	26	10	257	2.61	8	5	ND	4	35	.4	2	2	47	.47	.079	17	27	.53	349	.07	4	1.30	.02	.06	1	65
19200E 18350N	1	31	8	101	.1	30	10	466	2.83	10	5	ND	5	37	.6	2	2	45	.52	.076	18	27	.55	359	.08	3	1.29	.02	.07	1	40
19200E 18400N	1	29	10	88	.1	36	11	230	2.63	5	5	ND	2	33	.4	2	2	53	.44	.058	18	41	.70	513	.08	3	1.83	.02	.05	1	50
19200E 18450N	1	23	7	81	.1	29	10	232	2.42	6	5	ND	3	29	.5	2	2	44	.37	.062	18	36	.62	386	.07	2	1.67	.01	.05	1	35
19200E 18500N	2	20	8	191	.2	34	11	344	2.37	6	5	ND	3	37	1.1	2	2	45	.50	.060	16	31	.55	365	.06	3	1.46	.01	.06	1	45
23100E 20550N	2	42	9	75	.1	28	12	259	3.18	46	5	ND	3	15	.2	2	4	59	.09	.027	17	36	.38	470	.02	2	2.08	.01	.05	1	25
23100E 20600N	1	35	12	70	.1	23	12	211	3.99	164	5	ND	3	17	.4	2	2	60	.08	.051	16	26	.34	423	.02	4	1.61	.01	.07	1	45
23100E 20650N	1	33	12	68	.2	20	10	344	2.71	12	5	ND	2	23	.2	2	2	51	.21	.029	16	22	.25	574	.03	2	1.10	.01	.06	1	15
23100E 20700N	1	16	11	56	.3	19	9	786	2.69	17	5	ND	3	20	.2	2	2	54	.16	.022	12	29	.35	691	.04	4	1.53	.01	.05	1	35
23100E 20750N	1	9	11	58	.3	14	8	213	3.27	12	5	ND	3	11	.2	2	2	62	.10	.024	11	28	.29	217	.05	3	1.95	.01	.03	1	20
23100E 20800N	1	14	10	42	.1	14	6	130	2.10	27	5	ND	1	13	.2	2	2	36	.13	.048	12	23	.27	150	.02	4	1.20	.01	.05	1	55
STANDARD C	19	60	38	134	7.6	73	32	1062	4.00	41	19	7	39	52	18.8	14	21	56	.49	.090	39	58	.87	177	.09	33	1.90	.06	.15	13	1700

Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Noranda Exploration Co. Ltd. PROJECT 9108-104 327 FILE # 91-4129

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au 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	Hg ppb
23100E 20850N	2	19	11	80	.1	24	10	443	4.06	17	5	ND	6	13	.2	2	2	58	.10	.030	12	43	.56	227	.08	3	2.72	.01	.05	1	45
23100E 20900N	1	21	11	68	.1	25	9	272	2.96	12	5	ND	1	20	.2	2	2	39	.16	.071	16	26	.30	355	.02	3	1.27	.01	.06	1	165
23100E 20950N	1	13	11	51	.1	15	5	235	2.43	7	5	ND	1	14	.2	2	2	43	.10	.049	12	24	.31	297	.02	3	1.43	.01	.05	1	25
23100E 21000N	1	19	11	87	.8	18	8	443	3.69	8	5	ND	2	18	.4	2	2	58	.15	.157	12	31	.41	421	.05	4	2.02	.01	.08	1	50
23200E 20550N	1	64	9	102	.1	32	20	456	6.79	235	5	ND	2	26	.2	2	2	100	.19	.082	17	27	.34	676	.02	4	1.85	.01	.10	1	130
23200E 20600N	2	67	9	105	.1	32	15	682	5.31	113	5	ND	2	25	.2	2	2	88	.20	.080	18	29	.26	945	.02	2	1.89	.01	.05	1	80
RE 23200E 20800N	2	27	7	80	.1	60	17	784	6.57	15	5	ND	2	11	.2	2	2	99	.09	.057	10	83	.73	342	.02	4	2.93	.01	.05	1	220
23200E 20650N	1	25	12	73	.2	27	9	306	3.86	18	5	ND	7	12	.2	2	2	57	.09	.029	16	41	.54	271	.06	3	2.70	.01	.06	1	135
23200E 20700N	1	18	9	72	.4	32	15	704	3.84	6	5	ND	3	18	.2	2	2	75	.26	.029	16	46	.62	750	.04	3	2.56	.01	.05	1	30
23200E 20750N	2	44	7	77	.1	20	17	510	7.55	528	5	ND	3	9	.2	10	2	116	.07	.036	14	20	.40	535	.02	4	2.34	.01	.05	1	180
23200E 20800N	1	23	7	76	.1	56	17	740	6.32	18	5	ND	2	10	.2	2	2	96	.08	.051	10	79	.70	311	.02	3	2.80	.01	.05	1	220
23200E 20850N	1	20	11	74	.1	24	9	342	4.06	40	5	ND	4	13	.2	2	2	56	.08	.029	13	39	.52	210	.07	3	2.49	.01	.05	1	50
23200E 20900N	1	29	13	100	.1	32	11	275	3.88	14	5	ND	3	17	.2	2	2	43	.09	.044	16	31	.42	187	.03	3	1.98	.01	.08	1	70
23200E 20950N	1	31	18	203	.6	31	12	1019	4.05	12	5	ND	1	15	.8	2	2	59	.14	.101	13	36	.51	383	.06	3	2.66	.01	.06	1	50
23200E 21000N	1	24	12	99	1.0	21	8	413	4.02	13	5	ND	2	15	.2	2	2	61	.08	.053	11	32	.34	320	.04	3	2.08	.01	.06	1	70
23300E 20550N	1	17	9	52	.1	14	9	540	2.75	6	5	ND	1	16	.2	2	2	55	.12	.037	17	25	.27	446	.05	2	1.56	.01	.05	1	25
23300E 20600N	1	17	11	64	.2	23	10	288	3.43	14	5	ND	5	15	.2	2	2	52	.12	.025	15	33	.51	310	.07	2	2.37	.01	.05	1	60
23300E 20650N	1	20	9	66	.1	29	14	415	3.69	13	5	ND	4	14	.2	2	2	47	.11	.034	14	35	.49	244	.05	4	2.38	.01	.06	1	95
23300E 20700N	1	21	3	33	.2	14	4	431	.76	10	5	ND	1	115	.2	2	2	9	4.73	.092	7	7	.14	512	.02	8	.50	.01	.02	1	290
23300E 20750N	1	33	8	75	.2	32	17	570	4.31	297	5	ND	2	50	.3	2	2	74	1.15	.140	29	35	.68	811	.01	6	1.75	.01	.06	1	1000
23300E 20800N	1	49	11	90	.3	41	14	382	4.21	126	5	ND	2	37	.2	4	2	53	.44	.051	23	28	.31	636	.02	5	1.13	.01	.10	1	205
23300E 20850N	1	60	11	100	.1	37	12	523	4.39	392	5	ND	2	23	.2	5	2	54	.10	.073	18	32	.34	353	.02	3	1.52	.01	.07	1	55
23300E 20900N	2	48	11	76	.2	28	9	508	3.32	627	5	ND	1	34	.2	9	2	54	.13	.063	16	27	.19	623	.02	5	1.00	.01	.08	1	440
23300E 20950N	1	52	10	74	.2	52	22	672	5.87	50	5	ND	4	30	.2	2	2	78	.33	.069	21	59	.70	896	.02	5	2.10	.01	.09	1	165
23300E 21000N	1	74	6	72	.2	57	27	1230	6.20	21	5	ND	2	33	.5	2	2	73	.53	.121	25	49	.54	977	.01	6	1.63	.01	.08	1	215
23400E 20550N	1	44	11	65	.2	27	10	297	4.12	140	5	ND	2	20	.3	3	2	71	.12	.042	16	39	.27	640	.04	3	1.39	.01	.07	1	185
23400E 20600N	2	82	9	135	.2	120	35	982	7.68	28	5	ND	2	24	1.5	2	2	160	.36	.075	14	190	1.75	3642	.03	5	3.81	.01	.09	1	545
23400E 20650N	1	64	4	87	.2	111	32	1342	6.18	43	5	ND	1	54	.7	2	2	116	1.25	.088	21	234	1.60	2321	.07	5	2.76	.02	.06	1	1150
23400E 20750N	1	50	8	91	.7	55	15	567	3.82	203	5	ND	2	58	.4	2	2	51	1.01	.094	23	70	.56	1049	.01	6	1.94	.01	.09	1	595
23400E 20850N	1	29	2	136	.1	25	27	1824	6.88	12	5	ND	1	32	.9	2	2	79	.32	.106	16	31	1.01	708	.05	4	2.41	.01	.07	1	80
23400E 20900N	2	51	8	87	.2	20	11	382	5.77	11	5	ND	3	19	.2	2	2	63	.15	.072	11	28	.44	387	.03	6	2.18	.01	.06	1	65
23400E 20950N	1	103	29	241	.4	153	35	1367	7.39	27	5	ND	3	68	1.2	2	2	88	.55	.126	21	209	1.20	818	.02	8	2.30	.01	.09	1	190
23400E 21000N	1	112	22	292	.2	199	45	1712	8.36	27	5	ND	3	66	1.3	2	2	106	.58	.131	21	272	1.60	878	.02	8	2.57	.01	.08	1	175
23500E 20550N	4	30	22	83	.7	37	12	447	3.61	15	5	ND	2	54	.2	3	2	61	.15	.097	16	44	.39	533	.04	4	1.72	.01	.12	1	175
23500E 20600N	3	25	22	62	.7	25	9	292	2.93	12	5	ND	2	45	.2	2	2	54	.12	.084	15	28	.28	457	.04	3	1.45	.01	.11	1	160
23500E 20700N	2	27	14	72	.2	28	11	389	3.12	22	5	ND	4	39	.2	2	2	53	.16	.076	14	32	.47	341	.05	3	1.68	.01	.09	1	395
23500E 20800N	2	43	10	100	.7	44	14	470	3.87	28	5	ND	4	78	.9	2	2	57	.80	.106	14	32	.48	751	.02	6	1.71	.01	.10	1	440
23500E 20850N	2	41	11	100	.5	43	14	429	3.99	24	5	ND	3	80	.4	2	2	59	.74	.104	15	32	.48	774	.02	6	1.77	.01	.11	1	655
STANDARD C	18	56	39	129	6.9	70	32	1028	3.89	41	20	6	38	53	18.5	16	20	56	.48	.088	37	58	.87	182	.09	34	1.88	.05	.14	11	1700

Samples beginning 'RE' are duplicate samples.

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	Hg ppb
23500E 20900N	2	39	10	99	.5	42	15	411	3.82	23	5	ND	3	79	.2	2	2	60	.75	.099	14	30	.45	759	.02	7	1.60	.01	.13	1	720
23500E 20950N	2	43	8	116	.5	46	17	430	4.12	20	5	ND	2	91	.3	2	2	64	.91	.114	14	32	.48	821	.01	8	1.74	.01	.13	1	470
RE 23600E 20700N	1	49	13	112	.5	62	28	1056	4.65	77	5	ND	2	53	.3	2	2	86	.76	.078	21	92	1.20	1113	.03	4	2.40	.01	.08	1	365
23500E 21000N	2	39	12	101	.5	43	15	442	3.83	29	5	ND	2	74	.3	2	2	61	.73	.098	14	32	.47	768	.02	5	1.70	.01	.12	1	440
23600E 20550N	1	13	15	65	.6	15	8	213	3.48	30	5	ND	3	13	.2	2	2	62	.08	.021	12	25	.20	165	.05	2	1.36	.01	.06	1	20
23600E 20650N	1	55	22	145	.4	61	33	688	5.27	141	5	ND	5	52	.3	2	4	80	.49	.078	28	71	1.08	1091	.02	5	2.05	.01	.11	1	340
23600E 20700N	1	47	12	106	.4	57	26	975	4.31	73	5	ND	2	49	.2	2	2	80	.70	.073	20	85	1.11	1022	.03	5	2.21	.01	.08	1	340
23600E 20750N	1	94	2	67	1.4	21	6	285	.78	2	5	ND	1	204	.5	2	2	12	4.02	.101	14	12	.46	1544	.01	17	.60	.01	.05	1	1200
23600E 20800N	2	21	7	51	.1	11	6	132	2.26	4	5	ND	1	21	.3	2	2	48	.14	.038	12	16	.13	246	.05	4	.82	.01	.08	1	40
23600E 20850N	2	43	6	175	.2	78	32	570	8.16	8	5	ND	3	12	.2	2	2	92	.15	.088	10	49	.16	592	.01	10	2.42	.01	.08	1	30
23600E 20900N	2	39	9	126	.4	46	19	841	3.78	10	5	ND	3	38	.6	2	2	61	.68	.093	23	29	.43	568	.02	8	1.50	.01	.08	1	335
23600E 20950N	2	36	7	113	.4	46	17	631	3.50	7	5	ND	3	38	.7	2	2	57	.70	.088	23	28	.41	535	.03	6	1.40	.01	.08	1	325
P162407	2	297	46	148	.4	18	17	848	5.38	2188	7	ND	70	53	.2	33	10	49	.83	.250	192	12	.25	91	.01	12	1.05	.01	.10	1	390
P162409	1	16	36	135	.1	11	10	642	4.35	216	6	ND	108	221	.2	2	2	49	.08	.075	156	16	.09	277	.01	2	.95	.01	.04	1	2600
P162410	5	106	30	114	.1	11	11	697	3.94	227	6	ND	168	162	.2	5	2	39	.12	.078	100	16	.15	199	.01	3	.89	.01	.05	1	1350
18800E 17750N (TALUS)	1	31	19	97	.1	29	9	86	2.40	8	5	ND	11	23	.2	2	2	27	.08	.035	34	74	.35	383	.01	10	1.30	.01	.29	1	80
23400E 20700N (TALUS)	1	49	13	64	.2	19	11	118	4.41	6	5	ND	4	10	.2	2	2	53	.04	.053	26	53	.69	337	.01	11	1.66	.01	.18	1	65
R162406	1	52	20	38	.2	4	4	185	1.26	356	5	ND	31	52	.2	2	4	29	.43	.078	64	51	.18	81	.07	9	.51	.08	.21	1	25
R162408	1	6	13	56	.1	3	7	339	1.87	137	5	ND	60	41	.2	2	2	32	.47	.061	56	44	.22	90	.12	6	.74	.13	.23	1	10
R162411	2	50	25	57	.2	7	5	553	2.20	710	5	ND	60	37	.2	4	2	41	.23	.058	64	39	.13	72	.04	4	.45	.06	.16	1	40
STANDARD C	19	61	37	133	7.3	70	32	1058	3.97	42	19	7	40	52	18.8	16	20	57	.48	.090	40	58	.89	177	.09	36	1.88	.06	.15	11	1600

Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

PROPERTY/ LOCATION: BREWERY CREEK

CODE: 9108–104

Project No.: 327 Sheet: 1 of 5 Date received: AUG 26
Material: 267 SOILS Geol.: R.D. Date completed: SEP 06
Remarks: 2 TALUS (RX), 3 RX * Sample screened @ –35 MESH, ¤ Organic
Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

T.T. No.	SAMPLE No.	Au (ppb)
9	18000E–18050N	45
10	18100	10
11	18150	25
12	18200	10
13	18250	5
14	18450	10
15	18500	10
16	18550	35
17	18600	15
18	18650	10
19	18700	5
20	18750	10
21	18800	5
22	18850 *	5
23	18900	5
4	18000E–18950N	5
5	18400E–16000N	30
26	16050	5
27	16100	5
28	16150	5
29	16200	5
30	16250	25
31	16300	5
32	16350	5
33	16400	5
34	16450	5
35	16500	30
36	16550	5
37	16600	105
38	16650	5
39	16700	5
40	16750	5
41	16800	5
42	16850	5
43	16900	5
44	16950	5
45	17000	5
46	17050	15
47	17100	5
48	17150	45
49	17200	10
50	17250	5
2	17300	10
53	17350	5
54	17400	20
55	17450	5
56	17500	5
57	18400E–17550N	5

to Sep Mine JP Faxed to GMc

T.T.	SAMPLE No.	Au (ppb)
3	18400E–17600N	5
59	17650	5
60	17700	5
61	17750	5
62	17800	40
63	17850	15
64	17900	5
65	17950	10
66	18050	100
67	18100	65
68	18150	50
69	18200	25
70	18250	30
71	18300	5
72	18350	5
73	18400	5
74	18450	5
75	18400E–18500N	15
76	18600E–16000N	5
77	16050	5
78	16100	5
79	16150	5
80	16200	5
81	16250	5
82	16300	5
83	16350	5
1	16400	5
5	16450	5
86	16500	5
87	16550	5
88	16600	5
89	16650	5
90	16700	5
91	16750	5
92	16800	5
93	16850	5
94	16900	10
95	16950	15
96	17000	10
97	17050	10
98	17150	15
99	17200	5
100	17250	15
52	17300	10
53	17350	40
54	17400	10
55	17450	5
56	17500	20
57	17550	5
58	17600	5
59	17700	10
60	17750	5
61	17850	315
2	17950	70
63	18000	10
64	18050	5
65	18200	5
66	18600E–18250N	5

T.T.	SAMPLE No.	Au (ppb)
67	18600E–18300N	5
68	18350	5
69	18400	5
70	18450	5
71	18600E–18500N	35
72	18800E–16000N	5
73	16050	100
74	16100	5
75	16150	5
76	16200	15
77	16250	35
78	16300	60
79	16350	20
80	16400	5
81	16450	10
82	16500	5
83	16550	25
84	16600	5
85	16650	5
86	16700	10
87	16750	130
88	16800	30
89	16850	95
90	16900	260
91	16950	45
92	17000	60
3	17050	60
94	17100	75
95	17150	125
96	17200	80
97	17250	150
98	17300	120
99	17350	275
100	17400	70
52	17450	55
53	17500	50
54	17550	30
55	17600	60
56	17650	5
57	17700	10
58	17800	5
59	17850	5
60	17900	30
61	18000	5
62	18050	5
63	18100	5
64	18150	5
65	18200	5
66	18250	5
67	18300	5
68	18350	5
69	18400	5
70	18450	5
1	18800E–18500N	5
72	19200E–16000N	5
73	16050	5
74	16100	15
75	19200E–16150N	5

T.T.	SAMPLE No.	Au (ppb)
76	19200E–16200N	5
77	16250	25
78	16300	5
79	16350	20
80	16400	15
81	16450	60
82	16500	5
83	16550	5
84	16600	5
85	16650	5
86	16700	5
87	16750	5
88	16800	5
89	16850	5
90	16900	5
91	16950	5
92	17000 *	5
93	17050	5
94	17100	5
95	17150	5
96	17200	5
97	17250	5
98	17300	5
99	17350	5
100	17400 * ¤ 1.1g	5
52	17500	5
53	17550	5
54	17600	5
55	17650 * ¤ 5.0g	5
56	17700	5
57	17750	5
58	17800	5
59	17850	5
60	17900	5
61	17950	5
62	18000	5
63	18050	5
64	18100	5
65	18150	5
66	18200	5
67	18250	5
68	18300	5
69	18350	5
70	18400	5
71	18450	5
72	19200E–18500N	5
73	23100E–20550N	5
74	20600	5
75	20650	5
76	20700	5
77	20750	5
78	20800	5
79	20850	5
80	20900	5
81	20950	5
82	23100E–21000N	5
83	23200E–20550N	5
84	23200E–20600N	5

T.T.	SAMPLE No.		Au (ppb)
	23200E–20650N		5
86	20700		5
87	20750		20
88	20800		5
89	20850		10
90	20900		5
91	20950		5
92	23200E–21000N		5
93	23300E–20550N		5
94	20600		5
95	20650		5
96	20700	* ¤	5
97	20750		195
98	20800		5
99	20850		30
100	20900		55
2	20950		5
3	23300E–21000N	*	5
4	23400E–20550N		5
5	20600		5
6	20650		5
7	20750		50
8	20850	* ¤	5
9	20900		5
21	20950		5
11	23400E–21000N		5
12	23500E–20550N		20
13	20600		5
14	20700		5
15	20800		5
16	20850		5
17	20900		5
18	20950		5
19	23500E–21000N		5
20	23600E–20550N		5
22	20650		5
23	20700		5
24	20750	* ¤	35
25	20800		5
26	20850		5
27	20900		5
28	23600E–20950N		5
29	P 162407		350
30	P 162409		5
31	P 162410		55
32	18800E–17750N	TALUS–RX	5
33	23400E–20700N	TALUS–RX	5
34	R 162406	RX	200
35	162408	RX	10
36	R 162411	RX	60

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No. BREWERY CK. – 327 **Geol.:** B.B. **Date received:** SEP. 03 **LAB CODE:** 9109–021
Material: 633 SOILS **Sheet:** 1 of 15 **Date completed:** SEP. 27
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

•Sb – Aqua Regia/ Tartaric acid /AA

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	15000E–15400N	5	0.2	3.46	17	778	1.1	5	0.77	0.2	62	10	37	36	3.23	0.62	29	22	0.61	430	2	0.06	28	0.07	6	2	68	0.15	110	81
3	15450	10	0.2	3.69	10	896	1.1	5	0.64	0.2	75	11	40	39	2.94	0.71	36	23	0.56	474	1	0.05	33	0.07	6	2	60	0.16	111	80
4	15500	5	0.2	3.58	12	843	1.0	5	0.57	0.2	68	9	37	28	2.97	0.67	33	22	0.55	295	1	0.05	27	0.06	7	2	58	0.16	106	77
5	15550	5	0.2	2.78	13	626	0.8	5	0.68	0.4	76	8	46	24	2.61	0.51	36	17	0.49	340	1	0.05	23	0.06	5	2	60	0.17	96	65
6	15000E–15600N	5	0.2	3.66	13	896	1.1	5	0.68	0.2	72	10	45	32	3.00	0.71	34	23	0.55	365	1	0.05	29	0.07	7	1	64	0.15	112	82
7	15000E–15650N	5	0.2	3.63	13	790	1.0	5	0.60	0.2	60	10	45	28	3.09	0.70	28	23	0.54	271	2	0.05	27	0.07	9	2	55	0.15	112	80
8	15700	5	0.2	3.33	17	848	1.0	5	0.47	0.2	69	9	44	28	2.78	0.64	33	20	0.47	296	2	0.04	25	0.07	8	2	50	0.15	107	74
9	15750	5	0.4	3.29	13	820	1.0	5	0.46	0.2	71	11	42	25	2.71	0.70	34	19	0.43	347	1	0.04	24	0.07	8	6	48	0.14	103	71
10	15800	5	0.4	2.99	12	723	0.9	5	0.50	0.2	67	10	45	24	2.60	0.64	32	17	0.42	322	1	0.04	23	0.07	5	2	50	0.12	92	66
11	15000E–15850N	5	0.6	2.28	7	693	0.7	5	0.47	0.2	66	8	38	16	2.16	0.40	31	17	0.37	573	1	0.05	18	0.06	5	4	48	0.18	84	67
12	15000E–15900N	5	0.4	2.52	10	619	0.7	5	0.51	0.2	60	9	36	16	2.38	0.27	29	16	0.46	294	1	0.04	19	0.03	4	2	51	0.17	87	51
13	15950	5	0.6	2.62	14	623	0.7	5	0.49	0.2	59	8	37	17	2.44	0.39	28	17	0.50	277	1	0.04	20	0.04	3	2	50	0.16	88	50
14	16000	5	0.4	2.35	13	583	0.6	5	0.51	0.2	63	7	42	14	2.26	0.32	30	16	0.45	237	1	0.04	17	0.04	2	1	50	0.17	86	50
15	16050	5	0.4	2.63	14	734	0.7	5	0.58	0.2	65	9	43	16	2.58	0.32	30	16	0.45	455	1	0.04	21	0.04	5	1	53	0.17	89	55
16	15000E–16100N	10	0.4	3.03	15	944	0.8	5	0.53	0.2	60	10	40	18	2.72	0.39	27	19	0.49	311	1	0.04	25	0.05	5	4	56	0.17	90	74
17	15000E–16150N	5	0.2	2.95	22	1257	0.9	5	0.26	0.2	54	9	37	23	2.43	0.35	28	18	0.47	311	1	0.03	25	0.04	7	2	36	0.17	104	85
18	16200	5	0.2	3.50	14	622	0.9	5	0.35	0.2	55	11	43	25	3.12	0.35	27	19	0.52	242	1	0.04	28	0.03	8	2	46	0.16	95	60
19	16250	15	0.2	2.83	16	496	0.8	5	0.35	0.2	57	8	41	21	2.53	0.37	27	16	0.43	226	1	0.04	19	0.03	6	2	43	0.15	86	52
20	16300	15	0.2	2.68	13	490	0.8	5	0.35	0.2	58	7	40	21	2.35	0.38	28	16	0.45	177	1	0.04	19	0.03	6	1	41	0.13	78	47
21	15000E–16350N	10	0.2	3.37	12	592	0.9	5	0.37	0.2	58	11	33	30	2.79	0.45	28	19	0.46	222	1	0.04	21	0.03	5	1	49	0.16	95	55
22	15000E–16400N	10	0.4	2.98	9	549	0.8	5	0.38	0.2	62	7	33	22	2.57	0.42	30	18	0.43	173	1	0.04	17	0.03	3	2	48	0.16	86	47
23	16450	5	0.2	2.53	10	473	0.7	5	0.32	0.2	63	6	31	19	2.24	0.41	31	16	0.36	154	1	0.04	16	0.03	3	4	42	0.15	79	45
24	16500	10	0.2	2.77	13	513	0.8	5	0.36	0.2	64	7	32	23	2.47	0.47	32	18	0.42	181	1	0.04	18	0.05	4	2	43	0.15	82	56
25	16550	5	0.2	2.35	5	452	0.6	5	0.43	0.2	57	6	35	15	2.12	0.35	28	14	0.39	158	1	0.04	14	0.06	2	2	43	0.14	75	45
26	15000E–16600N	5	0.2	1.91	9	486	0.7	5	0.49	0.2	57	6	31	22	2.11	0.37	27	14	0.39	229	1	0.04	17	0.07	2	1	47	0.12	69	48
27	15000E–16650N	10	0.2	2.20	14	557	0.7	5	0.59	0.2	60	8	36	25	2.44	0.41	28	14	0.45	256	1	0.04	20	0.07	3	2	52	0.12	75	55
28	16700	5	0.2	2.24	13	569	0.7	5	0.70	0.4	55	8	37	24	2.13	0.32	24	14	0.40	313	1	0.04	21	0.09	3	2	59	0.12	73	52
29	16750	5	0.2	2.74	7	482	0.6	5	0.33	0.2	51	8	39	15	2.53	0.26	24	16	0.36	269	1	0.04	16	0.04	7	2	41	0.15	89	57
30	16800	10	0.2	3.26	13	553	0.8	5	0.29	0.2	59	9	40	20	2.62	0.41	29	20	0.41	230	1	0.04	22	0.03	6	2	42	0.13	85	52
31	15000E–16850N	5	0.2	2.38	6	498	0.7	5	0.46	0.2	66	6	33	20	2.27	0.44	32	16	0.40	224	1	0.04	17	0.06	4	1	50	0.14	75	50
32	15000E–16900N	5	0.2	3.01	9	617	0.9	5	0.37	0.2	67	7	27	26	2.52	0.48	34	20	0.42	225	1	0.04	20	0.04	2	1	49	0.16	82	58
33	16950	5	0.2	2.75	7	595	0.8	5	0.48	0.2	61	7	34	22	2.36	0.42	30	18	0.43	174	1	0.04	19	0.06	4	2	52	0.16	84	53
34	17000	5	0.4	2.87	3	499	0.7	5	0.45	0.2	63	8	30	22	2.08	0.44	30	17	0.38	169	1	0.04	18	0.07	5	1	50	0.17	82	63
35	17050	5	0.4	2.58	8	423	0.6	5	0.36	0.2	57	6	33	16	2.07	0.39	28	15	0.34	187	1	0.04	14	0.05	3	1	43	0.15	77	41
36	15000E–17100N	5	1.0	3.75	13	633	1.1	5	0.31	0.2	73	12	39	35	3.10	0.46	36	25	0.46	272	1	0.04	29	0.04	8	8	46	0.16	98	69

04/10 whse off DP

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	15000E-17150N	10	0.2	2.43	9	369	0.6	5	0.38	0.2	64	6	32	19	2.04	0.51	30	14	0.36	154	1	0.04	15	0.07	3	6	43	0.13	67	54
38	17200	5	0.2	2.56	8	541	0.8	5	0.44	0.2	65	7	34	23	2.47	0.45	32	17	0.39	210	1	0.04	21	0.06	3	4	48	0.13	77	54
39	17250	5	0.2	3.07	15	569	0.9	5	0.36	0.2	61	8	34	29	2.84	0.43	30	17	0.40	190	1	0.04	21	0.04	4	2	45	0.14	81	55
40	17300	5	0.2	2.78	10	529	0.8	5	0.35	0.2	58	8	38	22	2.41	0.31	27	17	0.40	202	1	0.03	21	0.03	5	4	44	0.13	77	46
41	15000E-17350N	5	0.2	2.98	15	571	0.9	5	0.41	0.2	68	9	37	26	2.81	0.39	34	17	0.47	234	1	0.04	21	0.04	6	2	50	0.18	86	48
42	15000E-17400N	5	0.4	3.31	13	672	1.0	5	0.47	0.2	69	9	36	29	2.90	0.52	34	22	0.51	255	1	0.05	24	0.05	7	2	56	0.19	96	65
43	17450	5	0.2	2.77	9	443	0.7	5	0.44	0.2	62	6	32	18	2.34	0.54	30	17	0.43	175	1	0.04	16	0.07	5	1	48	0.17	84	68
44	17500	5	0.2	3.01	13	599	0.9	5	0.37	0.2	63	8	33	22	2.58	0.39	31	19	0.40	196	1	0.04	19	0.03	5	1	49	0.18	88	52
45	17550	5	0.4	3.11	13	570	0.9	5	0.40	0.2	66	8	35	23	2.77	0.39	32	19	0.44	242	1	0.04	20	0.04	5	1	48	0.18	92	51
46	15000E-17600N	5	0.2	2.41	10	435	0.7	5	0.46	0.2	66	7	33	20	2.14	0.43	31	14	0.37	199	1	0.04	16	0.07	3	1	48	0.16	76	52
47	15000E-17650N	5	0.4	2.84	14	441	0.7	5	0.39	0.2	63	7	35	18	2.49	0.45	29	17	0.40	170	1	0.04	17	0.06	7	1	43	0.17	83	56
48	17700 •	5	0.4	1.30	7	420	0.4	5	0.22	0.5	31	3	25	18	0.65	0.23	13	5	0.08	38	1	0.03	11	0.05	2	1	30	0.08	35	23
49	17750 •	5	0.2	0.48	3	206	0.2	5	0.11	0.2	14	1	10	7	0.49	0.05	5	2	0.03	22	1	0.02	6	0.04	2	2	16	0.03	12	32
51	17800	5	0.2	2.53	3	523	0.6	5	0.19	0.2	49	2	31	7	0.56	0.63	25	9	0.15	69	1	0.03	5	0.03	6	6	39	0.18	81	17
52	15000E-17850N	5	0.2	3.47	10	1016	1.0	5	0.48	0.3	67	10	33	29	2.48	0.61	32	19	0.48	205	2	0.05	26	0.07	10	10	58	0.18	109	96
53	15000E-17900N	5	0.2	3.87	10	1009	1.1	5	0.48	0.2	63	10	32	27	3.01	0.41	31	24	0.52	193	1	0.05	32	0.05	12	2	59	0.19	102	81
54	15000E-17950N	10	0.2	2.83	8	753	0.8	5	0.51	0.4	65	9	34	26	2.41	0.49	31	17	0.48	198	1	0.05	23	0.08	7	4	54	0.16	85	68
55	15400E-15500N	5	0.2	2.70	12	716	0.8	5	0.80	0.3	65	9	37	23	2.37	0.47	30	18	0.55	301	2	0.05	22	0.08	6	1	68	0.17	95	65
56	15550	5	0.2	2.90	15	875	0.9	5	0.76	0.4	66	11	39	33	2.51	0.48	30	19	0.60	351	3	0.05	30	0.07	6	4	66	0.18	101	77
57	15400E-15600N	5	0.2	2.94	13	977	0.8	5	0.64	0.6	65	11	43	33	2.72	0.42	31	21	0.67	382	2	0.05	29	0.06	5	4	62	0.20	115	78
58	15400E-15650N	5	0.2	2.69	14	833	0.8	5	0.71	0.4	70	9	41	23	2.55	0.47	32	19	0.65	261	2	0.05	22	0.07	6	2	61	0.22	107	74
59	15700	5	0.2	2.70	13	767	0.8	5	0.61	0.3	64	9	44	21	2.55	0.48	30	19	0.66	266	2	0.04	22	0.06	7	2	53	0.19	104	70
60	15750	20	0.2	2.63	15	758	0.8	6	0.60	0.4	65	10	45	23	2.64	0.45	30	18	0.62	335	2	0.04	23	0.07	5	4	53	0.18	103	78
61	15800	5	0.2	2.36	12	627	0.8	5	0.52	0.2	59	7	34	21	2.36	0.38	29	17	0.47	289	1	0.04	18	0.06	2	2	52	0.17	90	61
62	15400E-15850N	5	0.4	3.34	13	999	1.1	5	0.56	0.2	58	13	42	31	3.38	0.40	28	22	0.58	1098	1	0.07	27	0.09	4	2	54	0.19	119	100
63	15400E-15900N	5	0.2	2.87	12	706	0.8	5	0.53	0.2	60	10	36	25	3.06	0.45	29	21	0.65	369	1	0.04	26	0.05	3	2	52	0.20	115	84
64	15950	5	0.2	2.19	12	449	0.6	5	0.42	0.2	59	7	35	13	2.20	0.33	29	16	0.43	222	1	0.04	16	0.03	4	2	44	0.18	77	51
65	16000	5	0.6	2.50	15	577	0.7	5	0.47	0.2	65	7	37	16	2.32	0.40	32	17	0.46	215	1	0.04	17	0.03	4	4	48	0.18	86	49
66	16050	5	0.2	2.75	15	642	0.9	5	0.52	0.2	67	8	35	26	2.64	0.50	32	19	0.50	255	1	0.05	23	0.05	5	1	51	0.17	94	65
67	15400E-16100N	5	0.2	2.93	18	675	0.9	5	0.53	0.2	64	10	37	27	2.80	0.50	30	20	0.54	269	1	0.05	23	0.05	8	2	52	0.18	101	71
68	15400E-16150N	5	0.2	3.00	12	706	0.9	5	0.57	0.2	62	11	38	28	2.76	0.50	30	19	0.52	360	1	0.05	23	0.06	7	2	56	0.18	105	77
69	16200	5	0.4	2.24	10	557	0.8	5	0.46	0.2	65	7	35	20	2.00	0.42	31	17	0.45	181	1	0.04	16	0.05	5	4	45	0.15	78	52
70	16250	5	0.2	2.54	22	576	1.0	5	0.41	0.2	61	7	41	22	2.66	0.32	29	20	0.49	190	1	0.04	23	0.06	6	2	40	0.17	99	67
71	16300	5	0.2	2.08	13	602	0.6	5	0.40	0.2	52	6	33	18	1.97	0.24	25	16	0.39	181	1	0.04	17	0.03	5	6	45	0.19	87	54
72	15400E-16350N	5	0.2	1.68	5	304	0.4	5	0.28	0.2	50	4	30	10	1.48	0.22	24	10	0.22	130	1	0.03	9	0.03	4	1	34	0.17	69	34
73	15400E-16400N	5	0.2	2.54	10	503	0.7	5	0.35	0.2	51	8	34	14	2.30	0.30	24	17	0.43	216	1	0.04	18	0.03	4	4	41	0.16	81	47
74	16450	5	0.2	2.51	10	410	0.7	5	0.33	0.2	53	6	33	16	2.11	0.35	26	16	0.39	180	1	0.04	16	0.02	4	4	41	0.16	80	44
75	16500	5	0.2	2.61	11	492	0.8	5	0.32	0.2	54	7	33	23	2.27	0.39	26	17	0.40	194	1	0.04	18	0.03	5	6	40	0.14	79	50
76	16550	5	0.2	2.82	7	533	0.8	5	0.36	0.2	59	9	34	21	2.44	0.45	28	18	0.43	246	1	0.04	19	0.04	5	1	44	0.16	86	54
77	15400E-16600N	10	0.2	2.82	12	576	0.8	5	0.37	0.2	67	8	35	24	2.47	0.49	32	18	0.44	217	1	0.04	20	0.04	6	4	45	0.15	87	58
78	15400E-16650N	5	0.2	3.07	10	547	0.7	5	0.37	0.2	58	7	39	19	2.52	0.46	27	19	0.44	185	2	0.05	20	0.06	8	2	43	0.16	91	63
79	16700	5	0.2	2.51	9	497	0.8	5	0.46	0.2	69	7	36	24	2.23	0.45	32	16	0.46	226	1	0.04	19	0.05	5	2	48	0.15	80	50
80	16750	5	0.2	2.30	8	379	0.7	5	0.37	0.2	56	5	35	20	1.98	0.39	26	14	0.38	188	1	0.04	13	0.04	7	2	39	0.13	72	44
81	16800	5	0.2	2.59	12	435	0.7	5	0.45	0.2	64	7	39	22	2.23	0.43	32	16	0.44	188	1	0.04	17	0.05	7	2	49	0.18	82	47
82	15400E-16850N	5	0.2	3.04	9	506	0.8	5	0.49	0.2	66	7	40	25	2.59	0.49	33	19	0.49	202	1	0.05	19	0.06	7	2	53	0.20	94	58

T.T No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
83	15400E-16900N		5	0.2	2.81	8	451	0.7	5	0.49	0.2	70	7	38	20	2.38	0.44	34	16	0.44	206	1	0.05	15	0.05	6	6	53	0.20	87	49
84	16950		5	0.2	2.44	13	395	0.6	5	0.40	0.2	59	8	44	12	3.06	0.32	29	16	0.39	296	3	0.04	14	0.05	4	1	43	0.18	98	53
85	17000		5	0.2	2.73	13	547	0.7	5	0.38	0.2	54	16	36	20	2.75	0.39	26	17	0.46	722	2	0.04	20	0.05	5	1	45	0.17	93	61
86	17050		5	0.2	4.17	21	1000	1.2	5	0.40	0.2	55	13	42	30	3.67	0.52	27	26	0.60	512	2	0.05	34	0.08	12	2	50	0.18	116	93
87	15400E-17100N		5	0.2	2.65	14	777	0.7	5	0.24	0.2	55	7	30	20	2.84	0.42	28	24	0.36	285	2	0.03	18	0.08	8	1	35	0.16	91	88
88	15400E-17150N		5	0.2	2.61	12	577	0.6	5	0.23	0.2	54	6	32	21	2.51	0.43	26	17	0.32	314	2	0.04	19	0.11	6	1	30	0.16	87	79
89	17200		5	0.2	3.25	13	579	0.9	5	0.23	0.2	50	10	43	23	3.06	0.57	25	30	0.53	404	2	0.04	22	0.10	10	1	30	0.16	101	110
90	17250		5	0.2	2.88	14	555	0.7	5	0.30	0.2	56	7	42	15	2.58	0.47	28	23	0.41	208	1	0.04	17	0.07	8	2	39	0.16	98	93
91	17300		5	0.2	2.55	8	514	0.5	5	0.23	0.2	54	6	31	16	2.37	0.41	27	14	0.28	325	1	0.04	14	0.06	8	1	36	0.19	91	85
92	15400E-17350N		5	0.2	3.42	12	844	0.9	5	0.34	0.2	57	12	33	23	3.12	0.53	28	26	0.52	932	1	0.05	24	0.11	10	2	43	0.17	103	154
93	15400E-17400N	*	5	0.2	2.31	10	742	0.7	5	0.22	0.4	41	8	24	21	2.17	0.54	20	15	0.33	474	1	0.03	16	0.07	6	2	32	0.14	95	100
94	17450		5	0.6	5.99	9	1946	2.0	5	0.38	0.5	74	8	35	30	2.30	1.20	40	26	0.36	181	2	0.06	32	0.10	19	4	61	0.23	140	108
95	17500		5	0.2	4.09	18	1286	1.6	5	0.31	0.5	72	8	35	32	2.66	0.96	38	20	0.45	234	2	0.05	25	0.09	16	1	48	0.19	130	109
96	17550		15	0.2	5.78	13	1895	2.5	5	0.12	0.2	81	8	34	41	2.69	1.44	46	26	0.49	115	3	0.04	30	0.10	26	4	39	0.23	193	126
97	15400E-17600N		5	0.2	5.69	16	1643	2.6	5	0.14	0.3	84	8	38	42	2.39	1.45	48	31	0.48	143	2	0.04	36	0.08	25	2	48	0.26	199	144
98	15400E-17650N	*	5	0.2	3.35	16	1127	1.2	5	0.35	0.2	64	8	40	26	2.58	0.69	32	26	0.49	205	2	0.05	25	0.06	13	2	46	0.19	125	95
99	17700		5	0.2	4.02	47	3341	2.3	5	0.13	0.4	69	8	75	77	4.03	0.99	41	20	0.36	211	6	0.04	79	0.21	16	6	83	0.16	193	264
101	17750		5	0.2	2.91	10	679	0.8	5	0.46	0.2	57	9	36	19	2.74	0.41	28	20	0.51	244	1	0.05	21	0.04	5	1	54	0.19	99	65
102	17800	*	5	0.4	5.25	21	1794	2.6	5	0.28	1.2	91	16	44	67	3.50	0.87	48	30	0.42	1136	2	0.04	44	0.13	16	10	49	0.17	172	145
103	15400E-17850N		5	0.4	2.71	33	911	1.0	5	0.67	0.7	71	9	40	22	2.56	0.60	34	18	0.50	296	2	0.05	23	0.09	7	14	71	0.17	122	106
104	15500E-21100N		5	0.2	3.08	2	1007	0.8	5	0.52	0.2	60	6	32	24	2.17	0.60	29	19	0.51	167	1	0.06	18	0.07	4	2	59	0.17	114	68
105	21150		5	0.4	3.20	9	1118	0.9	5	0.60	0.3	71	9	38	28	2.68	0.65	34	20	0.54	305	2	0.06	21	0.08	6	6	66	0.19	120	80
106	21200		5	0.2	5.31	3	2826	1.4	5	0.24	0.6	59	8	26	22	2.95	1.30	31	28	0.38	291	1	0.10	21	0.08	13	1	110	0.13	150	181
107	21250		5	0.2	3.25	31	1653	0.9	5	0.23	0.4	95	2	36	8	0.93	0.58	51	17	0.19	80	1	0.04	4	0.09	11	1	137	0.15	96	31
108	15500E-21300N		5	0.2	3.17	10	882	0.9	5	0.66	0.3	67	8	48	21	2.86	0.59	32	20	0.58	254	1	0.06	22	0.07	8	1	64	0.18	109	74
109	15500E-21350N		5	0.2	2.22	15	719	0.6	5	0.39	0.2	55	6	38	10	2.14	0.33	27	14	0.38	207	1	0.05	13	0.04	5	1	53	0.17	93	43
110	21400		5	0.2	3.17	36	1202	1.3	5	0.24	0.3	60	10	46	27	2.91	0.44	30	19	0.44	188	2	0.04	37	0.04	8	1	57	0.14	105	123
111	21450		5	0.2	2.78	9	3502	0.8	5	0.33	0.3	52	8	31	20	2.27	0.50	27	17	0.44	202	1	0.06	19	0.04	7	2	82	0.17	145	64
112	21500		5	0.2	3.14	12	5187	0.9	5	0.45	0.5	57	8	32	23	2.42	0.64	29	18	0.46	214	3	0.07	21	0.07	6	6	118	0.16	179	74
113	15500E-21550N		5	0.2	3.44	9	1255	0.9	5	0.58	0.2	62	8	35	20	2.62	0.67	30	21	0.55	239	1	0.07	21	0.07	5	2	61	0.17	128	80
114	15500E-21650N		35	0.8	6.11	48	4513	2.3	5	0.97	1.7	94	8	49	41	3.03	1.43	48	24	0.54	299	5	0.08	45	0.08	16	32	144	0.10	347	138
115	21700		5	0.2	2.78	27	1272	0.9	5	0.39	0.4	57	7	36	18	2.34	0.56	28	15	0.43	209	2	0.04	20	0.05	5	16	57	0.14	146	79
116	21750		5	0.2	2.64	38	1113	0.8	5	0.33	0.5	54	6	33	17	2.33	0.48	28	16	0.39	185	1	0.04	20	0.05	3	6	51	0.15	109	85
117	21800		5	0.2	3.00	43	1126	0.9	5	0.34	0.4	58	8	39	19	2.57	0.50	30	18	0.42	238	2	0.04	22	0.07	8	14	56	0.15	124	90
118	15500E-21850N		5	0.2	3.60	51	1257	1.0	5	0.32	0.4	57	9	42	25	2.84	0.66	30	19	0.47	238	2	0.04	31	0.06	7	12	54	0.15	142	116
119	15500E-21900N		5	0.2	2.79	38	1124	0.8	5	0.34	0.5	60	7	43	19	2.24	0.50	30	15	0.38	228	2	0.04	19	0.07	7	10	54	0.15	125	81
120	21950		5	0.2	3.10	47	1203	0.9	5	0.34	0.6	63	8	48	20	2.59	0.55	32	18	0.43	237	2	0.04	24	0.07	9	8	60	0.15	127	96
121	15500E-22000N		5	0.2	3.56	45	1237	1.0	5	0.32	0.3	57	8	42	27	2.77	0.62	30	21	0.45	200	1	0.04	26	0.06	10	14	56	0.16	141	109
122	15700E-21000N		5	0.2	3.13	2	754	0.8	5	0.49	0.2	59	6	39	21	2.21	0.61	28	17	0.46	179	2	0.05	17	0.08	5	2	58	0.17	112	63
123	15700E-21050N		5	0.2	2.99	6	667	0.8	5	0.53	0.2	62	8	39	20	2.52	0.50	30	19	0.53	237	1	0.05	17	0.05	4	2	55	0.18	95	63
124	15700E-21100N		5	0.2	2.83	5	692	0.8	5	0.59	0.2	63	8	38	24	2.47	0.54	30	18	0.55	251	1	0.05	20	0.06	5	1	59	0.18	92	64
125	21150		5	0.2	2.89	9	635	0.8	5	0.58	0.2	69	8	38	23	2.50	0.55	32	18	0.56	246	1	0.05	19	0.06	7	2	58	0.18	93	65
126	21200		5	0.2	2.68	10	663	0.8	5	0.58	0.2	65	8	36	22	2.35	0.52	31	17	0.53	236	1	0.05	19	0.06	5	1	56	0.17	88	63
127	21250		5	0.2	2.76	8	835	0.7	5	0.57	0.2	62	8	37	21	2.31	0.51	29	17	0.50	290	1	0.06	19	0.07	4	1	54	0.17	97	63
128	15700E-21300N		5	0.2	2.98	8	952	0.8	5	0.58	0.2	63	9	41	23	2.47	0.56	29	18	0.52	331	1	0.06	21	0.07	4	1	57	0.17	102	68

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
129	15700E-21350N	5	0.2	2.70	6	569	0.8	5	0.56	0.2	63	7	43	21	2.32	0.52	29	17	0.53	233	1	0.05	17	0.06	5	4	55	0.17	87	59
130	21400	5	0.2	2.82	9	664	0.8	5	0.58	0.2	69	8	45	23	2.43	0.55	30	18	0.56	250	1	0.05	20	0.06	6	1	58	0.17	91	63
131	21450	5	0.2	2.79	3	668	0.8	5	0.55	0.2	60	6	38	22	2.33	0.54	29	18	0.52	231	1	0.05	18	0.06	4	4	58	0.17	87	59
132	21500	5	0.2	2.85	5	681	0.8	5	0.51	0.2	60	7	39	19	2.38	0.50	29	17	0.49	239	1	0.05	18	0.05	2	4	56	0.18	92	55
133	15700E-21550N	5	0.2	2.99	7	825	0.8	5	0.54	0.2	62	7	39	21	2.49	0.51	30	19	0.51	264	1	0.06	19	0.05	2	1	59	0.19	96	58
134	15700E-21600N	5	0.6	3.07	6	784	0.8	5	0.53	0.2	64	7	37	22	2.60	0.54	31	19	0.53	263	1	0.06	20	0.05	2	2	58	0.18	97	63
135	21650	5	0.2	2.85	4	723	0.8	5	0.49	0.2	59	7	35	20	2.42	0.49	28	17	0.49	244	1	0.05	18	0.04	2	2	53	0.17	92	56
136	21700	5	0.2	2.99	9	649	0.8	5	0.53	0.2	63	7	37	19	2.45	0.51	29	19	0.52	223	1	0.05	18	0.05	3	2	56	0.19	95	58
137	21750	5	0.2	2.84	8	617	0.7	5	0.54	0.2	69	6	37	18	2.38	0.49	32	18	0.51	221	1	0.05	17	0.05	2	2	56	0.18	91	56
138	15700E-21800N	5	0.6	2.86	5	830	0.8	5	0.59	0.3	66	8	39	23	2.39	0.54	30	18	0.52	316	1	0.06	21	0.07	2	2	58	0.17	98	66
139	15700E-21850N	5	0.2	2.87	5	871	0.8	5	0.57	0.2	63	9	41	23	2.34	0.52	28	17	0.49	353	2	0.06	20	0.07	3	2	57	0.16	99	62
140	21900	5	0.2	2.75	10	825	0.8	5	0.58	0.3	65	7	41	22	2.35	0.54	30	18	0.52	286	1	0.06	20	0.07	5	2	56	0.16	95	65
141	21950	5	0.2	2.99	5	891	0.8	5	0.59	0.2	62	8	45	23	2.45	0.56	30	19	0.53	282	1	0.06	21	0.07	7	2	60	0.16	103	68
142	15700E-22000N	5	0.2	2.85	6	842	0.8	5	0.59	0.2	63	8	42	22	2.40	0.55	30	18	0.53	285	1	0.06	20	0.07	4	2	58	0.16	100	69
143	15800E-15300N	5	0.2	3.37	20	1033	1.1	5	0.70	0.3	71	11	45	36	2.83	0.70	34	22	0.60	361	1	0.06	31	0.08	7	1	69	0.17	126	109
144	15800E-15350N	5	0.6	3.38	6	965	1.1	5	1.06	0.5	74	12	46	40	3.07	0.68	33	22	0.71	441	2	0.06	29	0.09	4	4	87	0.19	160	96
145	15400	5	0.4	3.79	14	1134	1.2	5	0.82	0.5	73	11	43	42	3.52	0.79	36	25	0.80	376	2	0.07	33	0.09	8	1	82	0.20	179	118
146	15450	5	0.4	3.93	10	1221	1.2	5	0.93	0.5	78	12	46	45	3.61	0.79	37	26	0.83	409	2	0.07	35	0.10	9	1	89	0.21	192	120
147	15550	5	0.4	3.84	18	1226	1.3	6	0.42	0.2	73	10	47	33	3.79	0.98	38	22	0.68	239	4	0.05	24	0.08	10	2	91	0.17	244	88
148	15800E-15600N	5	0.4	2.90	7	889	0.7	5	0.59	0.2	65	8	46	17	2.59	0.55	32	19	0.48	270	1	0.06	17	0.06	5	1	67	0.19	157	84
152	15800E-15700N	5	1.0	3.49	18	1595	1.0	5	0.45	0.3	65	8	67	37	3.45	0.70	33	20	0.65	345	8	0.05	27	0.09	8	2	84	0.18	369	105
153	15750	5	1.0	3.39	19	1569	1.0	5	0.45	0.5	67	9	63	35	3.46	0.69	35	20	0.66	382	7	0.05	26	0.09	9	1	87	0.18	350	103
154	15800	5	0.4	3.18	19	1266	0.9	5	0.43	0.4	65	7	52	29	3.27	0.63	33	20	0.62	265	8	0.05	24	0.08	7	2	88	0.19	289	94
155	15850	5	0.8	2.89	14	1336	0.8	5	0.41	0.4	62	7	54	29	3.07	0.59	31	18	0.57	296	6	0.05	22	0.08	5	1	81	0.18	301	90
156	15800E-15900N	5	0.4	3.09	18	1311	0.9	5	0.40	0.2	65	7	51	29	3.27	0.63	33	19	0.62	246	7	0.05	23	0.07	9	1	92	0.18	282	95
157	15800E-15950N	5	0.6	2.79	14	1164	0.8	5	0.33	0.3	48	7	53	26	2.54	0.49	23	14	0.47	328	5	0.04	23	0.07	5	4	63	0.14	260	81
158	16000	5	0.8	2.90	15	1175	0.9	5	0.38	0.3	62	7	48	27	3.00	0.52	31	18	0.57	260	6	0.04	23	0.07	8	2	84	0.15	267	86
159	16150	5	0.8	3.11	15	1462	0.9	5	0.43	0.5	67	8	55	32	3.21	0.62	33	19	0.61	399	7	0.05	25	0.08	7	4	84	0.17	331	101
160	16200	5	0.6	2.95	16	1253	0.9	5	0.41	0.4	66	7	56	28	3.16	0.59	33	19	0.60	254	7	0.05	22	0.07	7	4	87	0.17	271	89
161	15800E-16250N	5	0.4	3.02	16	1251	0.9	5	0.40	0.2	59	7	56	27	3.13	0.62	31	18	0.60	252	7	0.05	23	0.07	10	1	86	0.16	272	90
162	15800E-16300N	5	0.2	2.95	19	1259	0.9	5	0.40	0.3	60	7	56	28	3.09	0.60	31	18	0.60	243	7	0.05	22	0.07	10	1	85	0.16	273	89
163	16350	5	0.4	2.96	14	1259	0.9	5	0.40	0.4	61	6	56	27	3.10	0.61	32	18	0.60	249	7	0.05	22	0.07	5	2	86	0.16	274	89
164	16400	5	0.4	3.20	18	1341	1.0	5	0.43	0.5	66	7	54	29	3.31	0.65	34	19	0.65	264	7	0.05	24	0.08	7	1	92	0.19	292	96
165	16450	5	0.4	3.14	18	1327	0.9	5	0.41	0.5	62	7	53	30	3.28	0.65	32	19	0.64	258	8	0.05	24	0.08	6	2	90	0.19	299	95
166	15800E-16500N	15	0.4	3.05	18	1306	0.9	5	0.40	0.5	63	7	48	29	3.20	0.60	33	18	0.63	258	8	0.05	24	0.07	8	2	90	0.19	290	96
167	15800E-16550N	15	0.2	3.27	21	1560	1.0	5	0.45	0.9	61	9	57	34	3.30	0.68	31	19	0.65	436	7	0.05	27	0.09	8	4	85	0.19	354	105
168	16600	15	0.4	3.86	14	1588	1.3	5	0.46	0.9	85	13	45	29	3.69	1.06	44	21	0.62	428	4	0.05	34	0.11	10	1	196	0.17	205	155
169	16650	15	0.2	3.48	12	1493	1.2	5	0.45	1.2	80	13	45	26	3.35	0.95	40	20	0.57	441	5	0.05	31	0.09	10	2	176	0.16	197	142
170	16700	15	0.2	3.46	13	1411	1.2	5	0.43	1.2	78	13	44	27	3.39	0.86	39	19	0.57	423	4	0.05	32	0.09	10	2	184	0.15	185	150
171	15800E-16800N	5	0.2	3.50	8	1421	1.2	5	0.44	0.9	80	13	56	29	3.43	0.94	41	20	0.55	457	4	0.05	28	0.10	9	1	165	0.14	189	140
172	15800E-16850N	10	0.2	3.53	10	1483	1.2	5	0.45	0.9	79	13	54	29	3.48	0.94	40	20	0.57	467	4	0.05	29	0.10	9	1	166	0.15	198	136
173	16900	5	0.2	3.31	10	1464	1.1	5	0.47	1.0	73	13	56	28	3.20	0.86	39	19	0.56	578	4	0.05	29	0.09	8	1	140	0.16	211	125
174	17000	5	0.2	2.67	9	565	0.8	5	0.40	0.2	60	10	41	20	2.58	0.50	27	17	0.46	245	1	0.04	25	0.04	6	1	49	0.14	97	64
175	17050	5	0.2	2.76	13	579	0.8	5	0.42	0.2	66	10	40	22	2.69	0.51	31	18	0.48	258	1	0.04	25	0.05	5	1	52	0.15	101	67
176	15800E-17100N	5	0.2	3.46	14	720	1.0	5	0.43	0.3	73	11	43	31	3.22	0.70	34	22	0.58	268	1	0.04	32	0.05	7	1	59	0.16	124	79

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
177	15800E-17150N	5	0.2	2.87	14	612	0.8	5	0.44	0.2	66	11	39	22	2.77	0.51	30	19	0.49	285	1	0.04	26	0.05	4	2	53	0.16	103	72
178	17200	5	0.2	3.30	11	684	1.0	5	0.43	0.2	69	12	40	27	3.09	0.62	32	21	0.56	277	1	0.04	31	0.05	8	2	57	0.16	117	77
179	17250	5	0.2	2.85	14	620	0.8	5	0.43	0.3	65	11	39	21	2.75	0.48	31	19	0.49	317	1	0.04	26	0.05	6	2	52	0.16	101	73
180	17300	5	0.2	2.74	11	599	0.8	5	0.42	0.2	64	10	40	21	2.64	0.46	29	18	0.47	299	1	0.04	26	0.05	6	1	50	0.15	98	73
181	15800E-17350N	5	0.2	2.92	8	588	0.8	5	0.41	0.2	61	9	45	22	2.85	0.52	29	18	0.47	286	1	0.03	25	0.05	6	2	49	0.13	102	66
182	15800E-17400N	5	0.2	2.98	11	630	0.8	5	0.40	0.2	59	10	44	23	2.87	0.56	28	19	0.49	264	1	0.04	27	0.05	5	2	51	0.14	110	68
183	17450	5	0.2	3.06	10	628	0.9	5	0.43	0.2	62	10	43	25	2.97	0.58	30	19	0.51	282	1	0.04	28	0.05	3	1	54	0.15	109	70
184	17500	5	0.2	2.54	9	548	0.7	5	0.45	0.2	60	9	41	15	2.58	0.38	29	17	0.43	268	1	0.04	20	0.05	2	2	50	0.16	93	73
185	17550	5	0.2	2.53	7	551	0.7	5	0.44	0.2	61	9	41	17	2.55	0.41	29	16	0.43	277	1	0.04	21	0.04	2	2	50	0.16	93	67
186	15800E-17600N	5	0.2	2.62	9	588	0.7	5	0.49	0.2	61	10	40	16	2.64	0.36	30	17	0.44	375	1	0.04	23	0.05	2	2	51	0.19	98	78
187	15800E-17650N	5	0.2	2.53	8	546	0.7	5	0.45	0.2	60	9	42	16	2.55	0.40	29	16	0.44	292	1	0.04	21	0.04	3	2	51	0.17	94	63
188	17850	5	0.2	3.05	11	617	0.9	5	0.44	0.2	63	10	41	20	2.93	0.53	30	19	0.50	259	1	0.04	26	0.05	3	4	53	0.17	109	73
189	17700	5	0.2	2.64	10	573	0.7	5	0.47	0.2	66	9	41	17	2.66	0.39	31	17	0.46	293	1	0.04	22	0.05	2	4	51	0.17	98	70
190	17750	5	0.2	2.77	11	596	0.7	5	0.46	0.2	60	9	42	18	2.74	0.41	29	18	0.47	283	1	0.04	24	0.05	3	4	52	0.17	100	74
191	15800E-17800N	5	0.2	2.69	6	607	0.7	5	0.46	0.2	62	10	46	18	2.55	0.39	30	18	0.45	329	1	0.04	23	0.05	7	1	54	0.15	96	75
192	15800E-17900N	5	0.2	2.88	8	605	0.8	5	0.42	0.2	62	10	45	22	2.72	0.52	29	18	0.48	257	1	0.04	27	0.04	6	2	52	0.14	102	67
193	17950	5	0.2	3.26	10	675	1.0	5	0.44	0.2	67	11	45	28	3.04	0.63	32	21	0.55	266	2	0.04	31	0.05	6	4	58	0.16	114	73
194	15800E-18000N	5	0.2	2.58	11	568	0.7	5	0.44	0.2	62	10	42	18	2.51	0.42	28	17	0.45	268	1	0.04	22	0.04	4	2	51	0.16	93	67
195	16200E-15050N	5	0.2	3.41	17	977	1.1	5	0.68	0.9	67	9	37	27	2.58	0.67	31	23	0.60	267	2	0.05	28	0.08	11	10	72	0.17	118	178
196	16200E-15100N	5	0.2	3.47	27	970	1.1	5	0.69	0.9	68	10	39	27	2.72	0.67	31	24	0.61	294	2	0.05	29	0.08	11	12	73	0.17	122	186
197	16200E-15150N	5	0.2	2.13	15	561	0.7	5	1.23	0.8	57	7	31	18	1.78	0.40	23	15	0.46	337	4	0.05	19	0.09	5	1	91	0.14	77	67
198	15250	5	0.2	2.87	27	823	1.0	5	0.82	1.3	67	9	37	30	2.48	0.61	30	18	0.57	333	3	0.05	27	0.09	9	1	69	0.16	110	136
199	15300	5	0.2	2.75	18	815	0.9	5	0.63	0.6	66	8	33	25	2.38	0.49	31	20	0.44	265	2	0.05	27	0.07	8	1	64	0.17	85	69
201	15350	5	0.2	2.82	17	791	0.9	5	0.58	0.2	57	7	37	25	2.35	0.50	27	20	0.42	253	1	0.04	26	0.07	9	1	61	0.15	83	68
202	16200E-15400N	5	0.4	3.01	25	1019	0.9	5	0.51	0.4	63	8	41	21	2.67	0.59	30	21	0.45	603	2	0.05	23	0.06	10	1	63	0.20	147	88
203	16200E-15450N	5	1.0	4.32	32	3448	1.0	5	0.86	0.2	56	18	49	48	4.87	0.33	27	41	1.41	463	1	0.05	41	0.10	9	1	61	0.47	178	83
204	15500	5	0.6	3.03	19	1108	0.6	5	0.72	0.2	54	14	50	24	2.89	0.32	24	27	0.93	260	1	0.05	39	0.06	4	1	52	0.31	118	54
205	15550	5	0.4	2.75	14	1196	0.7	5	0.64	0.2	56	15	42	22	2.85	0.41	26	27	0.85	369	1	0.05	31	0.06	4	1	61	0.27	111	69
206	15600	5	1.2	2.39	18	758	0.5	5	0.71	0.2	53	8	42	25	3.05	0.17	24	18	0.83	188	1	0.12	23	0.10	10	6	49	0.44	149	42
207	16200E-15650N	5	0.2	4.64	35	1509	0.8	5	1.13	0.4	52	26	71	56	5.04	0.30	24	59	2.39	573	1	0.10	98	0.08	7	1	50	0.59	192	106
208	16200E-15700N *	5	0.6	5.68	57	3550	1.1	5	0.40	0.2	50	27	58	57	5.74	0.75	28	46	1.24	781	1	0.06	64	0.10	8	8	36	0.44	234	130
209	15750	5	0.4	3.00	25	909	0.6	5	0.69	0.6	48	18	45	40	4.03	0.29	22	27	1.05	328	1	0.09	44	0.06	6	4	40	0.40	135	69
210	15900	5	0.6	2.86	23	856	0.6	5	0.66	0.6	46	17	44	38	3.90	0.26	21	26	0.99	306	1	0.08	43	0.05	7	2	37	0.39	130	61
211	16100	5	0.2	4.27	16	3337	1.1	7	1.33	0.7	78	46	49	83	5.78	0.76	36	53	1.64	933	2	0.13	87	0.11	6	2	109	0.47	160	128
212	16200E-16150N	5	0.2	4.11	17	1779	1.1	6	1.50	0.2	71	30	67	57	4.74	0.76	30	35	1.33	960	1	0.07	77	0.06	4	1	95	0.48	132	89
213	16200E-16200N	5	0.2	4.71	12	1856	1.1	6	1.22	0.2	78	40	58	48	5.89	0.48	35	55	1.81	878	1	0.10	82	0.12	4	1	70	0.52	185	96
214	16250	5	0.2	2.13	4	585	0.5	5	0.50	0.2	59	9	35	14	1.99	0.27	27	13	0.26	1105	1	0.06	12	0.09	3	2	52	0.22	79	50
215	16300	5	0.2	2.87	5	521	0.8	5	0.56	0.2	61	9	32	20	2.59	0.45	28	19	0.59	290	1	0.07	20	0.03	3	2	61	0.21	95	57
216	16350	5	0.2	3.00	7	515	0.8	5	0.57	0.2	57	11	33	23	2.75	0.43	26	20	0.58	399	1	0.06	20	0.05	5	1	59	0.19	97	62
217	16200E-16400N	5	0.2	2.88	9	521	0.8	5	0.70	0.2	68	9	33	23	2.65	0.51	31	19	0.54	302	1	0.07	20	0.07	5	1	62	0.19	98	69
218	16200E-16450N	5	0.2	2.82	11	543	0.9	5	0.68	0.3	67	8	34	31	2.62	0.48	31	19	0.55	273	1	0.05	27	0.07	5	1	60	0.18	120	113
219	16500	5	0.2	3.00	11	827	1.0	5	0.76	0.2	79	11	33	36	3.08	0.59	36	22	0.64	489	1	0.06	28	0.09	7	4	65	0.18	107	82
220	16550	10	0.2	2.12	9	504	0.7	5	0.78	0.2	77	9	43	19	2.41	0.39	35	15	0.45	279	1	0.05	17	0.08	4	1	61	0.18	85	57
221	16600	5	0.2	2.21	20	556	0.7	5	0.74	0.2	60	8	36	20	2.20	0.45	27	17	0.51	313	1	0.05	21	0.07	3	2	60	0.13	84	65
222	16200E-16650N	5	0.2	2.48	3	949	0.7	5	0.52	0.2	56	12	39	16	2.42	0.40	24	15	0.40	950	1	0.05	23	0.08	4	2	51	0.16	78	67

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
223	16200E-16700N	5	0.4	1.80	3	486	0.4	5	0.55	0.2	59	5	42	9	1.65	0.28	27	9	0.28	258	1	0.04	10	0.05	2	2	57	0.19	70	38
224	16750	5	0.2	2.61	2	675	0.6	5	0.50	0.2	62	10	38	12	2.43	0.33	28	19	0.43	873	1	0.07	18	0.07	3	1	53	0.20	85	82
225	16800	5	0.2	2.63	4	452	0.7	5	0.37	0.2	55	7	33	16	2.35	0.35	26	17	0.42	210	1	0.04	17	0.03	5	1	41	0.17	82	46
226	16850	5	0.2	2.67	6	400	0.6	5	0.45	0.2	58	6	40	13	2.29	0.34	27	14	0.41	207	1	0.05	14	0.05	5	2	49	0.20	90	44
227	16200E-16900N	5	0.2	2.91	7	473	0.7	5	0.41	0.2	54	8	39	19	2.63	0.33	24	17	0.44	203	1	0.06	18	0.08	7	1	45	0.19	95	56
228	16200E-16950N	5	0.2	3.04	8	546	0.7	5	0.46	0.2	69	7	40	17	2.40	0.51	33	15	0.44	212	1	0.07	17	0.04	6	2	55	0.24	100	53
229	17000	5	0.2	2.79	7	444	0.7	5	0.39	0.2	60	7	34	18	2.39	0.45	27	18	0.47	201	1	0.04	19	0.03	4	2	48	0.18	81	50
230	17050	5	0.6	3.60	8	554	1.0	5	0.37	0.2	57	16	38	29	3.42	0.52	27	17	0.51	305	1	0.05	26	0.07	10	2	47	0.21	108	69
231	17100	5	0.2	3.20	8	545	0.9	5	0.39	0.2	58	9	41	30	2.88	0.58	29	15	0.50	218	1	0.06	22	0.07	10	2	52	0.19	99	64
232	16200E-17150N	5	0.2	3.66	7	697	1.0	5	0.33	0.2	60	10	38	27	2.84	0.62	30	17	0.46	228	1	0.08	19	0.05	10	2	47	0.22	105	63
233	16200E-17200N	5	1.4	4.93	6	1189	2.3	5	0.51	0.2	72	34	40	63	4.15	0.61	34	27	0.57	1553	2	0.07	46	0.13	18	10	76	0.19	119	93
234	17250	5	0.4	3.20	5	731	1.0	5	0.37	0.2	65	7	34	31	2.59	0.57	32	15	0.44	190	1	0.06	22	0.08	7	2	51	0.20	85	61
235	17300	5	0.4	3.67	3	612	1.2	5	0.34	0.2	64	10	37	39	3.10	0.56	31	20	0.48	218	1	0.06	26	0.06	11	2	46	0.21	102	65
236	17350	5	0.2	2.88	11	497	0.8	5	0.37	0.2	61	7	34	19	2.72	0.53	29	17	0.43	214	1	0.04	18	0.04	7	2	50	0.24	93	57
237	16200E-17400N	5	0.2	2.49	7	386	0.6	5	0.34	0.2	58	6	30	15	2.11	0.46	27	16	0.41	178	1	0.04	15	0.03	4	1	43	0.19	79	44
238	16200E-17450N	5	0.2	2.90	7	462	0.8	5	0.42	0.2	60	9	32	20	2.61	0.42	28	20	0.53	239	1	0.04	22	0.04	7	1	47	0.19	89	63
240	17500	5	0.4	2.79	10	375	0.7	5	0.39	0.2	61	11	35	17	2.50	0.42	29	32	0.48	322	1	0.04	20	0.04	7	1	46	0.18	82	64
241	17550	5	0.4	3.43	6	744	1.1	5	0.51	0.3	62	23	43	23	3.30	0.47	29	21	0.52	1119	1	0.05	30	0.09	10	1	59	0.19	90	195
242	17600	5	0.2	3.65	7	723	1.3	5	0.57	0.6	72	25	44	24	3.60	0.54	32	26	0.54	1407	1	0.07	34	0.10	13	1	61	0.20	99	191
243	16200E-17650N	5	0.2	3.50	5	553	1.2	5	0.51	0.4	66	24	39	14	3.19	0.41	30	30	0.53	751	1	0.05	29	0.10	12	1	55	0.21	98	196
239	16200E-17700N	5	0.4	3.93	11	526	1.2	5	0.45	0.2	67	19	40	18	3.56	0.46	31	25	0.61	505	1	0.05	31	0.08	13	1	53	0.22	110	143
244	17750	5	0.2	2.96	5	428	0.6	5	0.42	0.2	59	10	35	12	2.66	0.37	30	21	0.48	334	1	0.05	20	0.04	4	1	47	0.23	90	73
245	17800	5	0.2	2.67	4	467	0.6	5	0.39	0.2	52	5	33	17	2.20	0.45	26	13	0.41	198	1	0.06	16	0.04	3	1	43	0.20	87	51
246	17850	5	0.2	2.77	6	578	0.7	5	0.39	0.4	52	7	32	23	2.18	0.43	25	13	0.40	226	1	0.07	20	0.07	4	1	43	0.18	89	63
247	16200E-17900N	5	0.2	2.35	5	698	0.7	5	0.95	1.4	58	10	29	27	2.11	0.41	25	15	0.45	857	1	0.06	23	0.08	3	1	78	0.15	77	91
248	16200E-17950N	5	0.4	2.85	3	664	0.7	5	1.03	0.5	61	8	33	26	2.18	0.45	26	19	0.54	360	1	0.06	22	0.07	4	1	72	0.17	88	69
249	16600E-15000N	5	0.2	3.68	17	919	1.1	5	0.70	0.2	70	13	50	29	3.68	0.37	33	25	0.67	335	1	0.05	32	0.06	7	1	72	0.26	118	93
251	15050	10	0.4	3.38	12	780	1.1	5	0.55	0.2	71	12	43	31	3.27	0.61	32	25	0.60	337	1	0.05	31	0.04	9	4	51	0.24	107	75
252	15100	5	0.4	2.93	13	571	1.0	5	0.57	0.2	69	14	39	20	3.62	0.45	35	25	0.54	359	1	0.05	24	0.06	8	6	77	0.27	97	89
253	16600E-15150N	5	0.2	2.75	10	574	0.8	5	0.49	0.2	64	10	37	19	2.78	0.50	30	20	0.52	409	1	0.05	21	0.04	6	6	55	0.19	96	60
254	16600E-15200N	5	0.4	3.58	11	739	1.0	5	0.69	0.2	74	11	34	27	3.35	0.65	34	24	0.67	401	2	0.07	25	0.07	7	4	72	0.21	116	76
255	15250	5	0.2	3.20	12	724	1.0	5	0.77	0.2	76	10	35	26	3.09	0.64	34	22	0.64	352	1	0.07	24	0.08	6	1	68	0.19	113	79
256	15300	5	0.4	3.44	14	1336	1.0	6	0.72	0.2	75	12	41	42	3.57	0.52	34	28	0.86	397	3	0.07	36	0.08	7	4	78	0.29	136	85
257	15350	5	0.2	3.74	22	1692	1.0	5	0.86	0.2	85	16	54	41	4.31	0.44	41	36	1.14	428	2	0.09	45	0.09	7	2	81	0.41	151	85
258	16600E-15400N	5	0.2	3.15	21	1058	0.9	5	0.83	0.2	75	15	46	41	3.69	0.46	35	26	0.79	417	2	0.07	35	0.10	6	2	72	0.33	129	74
259	16600E-15450N	5	0.2	2.67	20	1506	0.7	5	0.82	0.2	65	10	36	34	3.32	0.39	29	23	0.78	309	2	0.08	31	0.06	7	1	68	0.31	123	57
260	15500	5	0.8	3.48	32	1345	1.3	5	0.77	0.3	73	11	50	65	3.79	0.44	36	28	0.79	365	7	0.06	47	0.09	10	10	100	0.27	410	135
261	15550	5	0.2	2.35	10	843	0.7	5	0.62	0.2	57	7	38	21	2.55	0.39	27	16	0.53	267	1	0.05	18	0.07	4	1	58	0.18	94	51
262	15600	5	0.2	4.86	11	5438	1.2	5	1.22	0.2	83	30	51	71	6.15	0.65	38	54	1.98	635	3	0.12	68	0.11	9	1	113	0.57	200	93
263	16600E-15650N	5	1.0	5.28	34	3920	1.1	5	1.00	0.2	80	27	49	72	6.18	0.73	38	65	2.18	573	4	0.07	59	0.12	13	6	128	0.51	247	95
264	16600E-15700N	5	0.4	4.40	15	2526	1.1	5	0.58	0.2	62	27	56	48	5.18	0.37	30	55	1.22	333	4	0.06	55	0.08	4	4	80	0.47	193	139
265	15750	5	0.2	3.12	10	767	1.0	5	0.58	0.2	66	11	37	24	3.05	0.50	29	20	0.51	445	1	0.05	27	0.06	3	2	56	0.19	118	101
266	15800	5	0.2	2.91	8	760	0.8	5	0.55	0.2	58	11	34	16	2.76	0.46	26	20	0.49	428	1	0.05	20	0.07	2	1	53	0.19	94	84
267	15850	5	0.2	3.02	12	991	1.2	5	0.43	0.2	66	13	34	19	2.88	0.38	31	25	0.52	467	1	0.04	24	0.10	5	1	47	0.22	100	123
268	16600E-15900N	5	0.2	2.75	9	643	0.7	5	0.27	0.2	57	8	27	18	2.49	0.31	28	20	0.36	238	1	0.03	20	0.05	4	1	35	0.16	77	112

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
269	16600E-15950N	5	0.2	2.31	9	446	0.5	5	0.35	0.2	61	6	28	13	1.95	0.27	29	16	0.35	167	1	0.04	14	0.02	3	4	42	0.16	71	41
270	16000	5	0.2	2.83	7	589	0.9	5	0.55	0.2	66	7	33	23	2.38	0.33	33	19	0.50	194	1	0.04	26	0.03	4	1	52	0.20	128	57
271	16050	5	0.2	2.58	7	499	0.8	5	0.51	0.2	65	7	39	21	2.28	0.36	31	17	0.50	216	1	0.05	21	0.04	5	1	49	0.17	89	58
272	16100	5	0.2	2.99	8	620	0.9	5	0.57	0.2	60	9	43	24	2.70	0.30	28	20	0.55	265	1	0.05	30	0.04	4	1	48	0.17	98	80
273	16600E-16150N	5	0.2	3.46	10	505	1.1	5	0.69	0.2	67	11	41	27	3.20	0.29	30	20	0.56	434	1	0.05	44	0.06	7	1	50	0.18	104	171
274	16600E-16200N	5	0.2	3.06	13	530	1.0	5	0.58	0.2	69	10	37	31	3.02	0.36	33	19	0.50	386	1	0.05	29	0.04	6	1	48	0.18	97	59
275	16250	5	0.2	3.65	14	630	1.2	5	1.46	0.2	75	12	34	38	3.27	0.41	34	22	0.61	555	1	0.06	39	0.09	6	1	63	0.19	117	94
276	16300	5	0.2	3.65	15	713	1.2	5	1.71	0.2	82	12	31	44	3.27	0.56	36	24	0.60	519	1	0.06	40	0.10	8	1	71	0.19	122	105
277	16350	5	0.2	2.87	9	477	0.7	5	0.67	0.2	64	8	32	17	2.66	0.40	29	18	0.48	236	1	0.05	19	0.07	4	1	53	0.18	88	50
278	16600E-16400N	5	0.2	2.79	12	476	0.7	5	0.64	0.2	60	9	37	17	2.71	0.26	27	17	0.49	361	1	0.04	22	0.05	5	1	48	0.18	91	63
279	16600E-16450N	5	0.2	3.37	19	741	1.1	5	0.77	0.2	77	11	38	30	3.22	0.58	34	22	0.60	636	1	0.06	28	0.08	7	1	62	0.19	111	78
280	16500	5	0.2	3.23	10	690	1.2	5	1.06	0.2	79	13	39	43	2.97	0.50	36	22	0.59	535	1	0.06	36	0.09	8	1	67	0.19	124	92
281	16550	5	0.2	3.37	13	838	1.2	5	0.89	0.2	79	9	42	39	3.05	0.53	37	24	0.57	406	1	0.06	29	0.09	6	2	65	0.19	119	89
282	16600	5	0.2	3.09	8	667	1.0	5	0.93	0.2	69	9	40	35	2.84	0.48	32	21	0.56	391	1	0.06	29	0.08	5	4	62	0.18	107	81
283	16600E-16650N	5	0.2	2.96	8	643	0.9	5	0.77	0.2	67	8	37	31	2.81	0.44	31	20	0.56	310	1	0.06	26	0.06	4	4	61	0.18	101	68
284	16600E-16700N	5	0.2	3.11	5	705	1.0	5	1.09	0.2	73	10	37	28	3.04	0.52	33	21	0.68	389	1	0.07	26	0.10	4	2	80	0.21	111	85
285	16750	5	0.2	2.63	13	605	0.9	5	0.89	0.2	71	10	32	29	2.85	0.57	32	19	0.68	462	1	0.07	27	0.08	4	1	64	0.17	97	72
286	16800	5	0.2	3.06	9	660	1.1	5	0.60	0.2	71	10	37	20	3.12	0.47	32	18	0.54	309	1	0.05	25	0.06	6	2	54	0.19	108	65
287	16850	5	0.2	2.40	6	530	0.7	5	0.50	0.2	57	7	31	16	2.33	0.41	27	16	0.47	227	1	0.05	18	0.05	2	4	49	0.18	76	54
288	16600E-16900N	5	0.2	4.10	6	553	1.4	5	0.41	0.2	68	15	34	31	3.87	0.57	33	29	0.60	303	2	0.05	39	0.07	11	1	49	0.20	100	150
289	16600E-16950N	5	0.2	4.76	17	625	2.1	5	0.40	0.2	70	14	29	61	4.89	0.88	35	36	0.80	323	2	0.05	43	0.09	21	2	63	0.22	104	144
290	17000	5	0.2	4.23	10	665	1.6	5	0.44	0.2	71	19	35	37	4.18	0.62	36	33	0.70	426	2	0.05	37	0.06	14	2	56	0.23	101	141
291	17050	5	0.2	3.44	7	415	1.3	5	0.33	0.2	57	15	39	26	3.50	0.51	28	23	0.56	246	1	0.05	29	0.05	10	2	47	0.20	89	97
292	17100	5	0.2	4.10	8	630	1.6	5	0.29	0.2	63	14	35	31	3.85	0.68	32	34	0.66	244	1	0.06	31	0.05	11	1	46	0.30	89	79
293	16600E-17150N	5	0.2	3.97	7	477	1.5	5	0.28	0.2	55	14	35	36	4.29	0.59	27	29	0.59	245	1	0.05	33	0.06	9	1	58	0.27	97	90
294	16600E-17200N	5	0.2	4.03	2	642	1.2	5	0.32	0.2	66	10	33	31	3.59	0.76	33	26	0.69	269	1	0.06	31	0.05	5	1	47	0.30	100	76
295	17250	5	0.2	3.04	3	528	0.8	5	0.33	0.2	59	7	28	16	2.26	0.60	29	18	0.48	181	1	0.05	17	0.03	4	1	43	0.20	81	52
296	17300	5	0.2	3.18	5	605	0.9	5	0.37	0.2	68	8	29	21	2.59	0.66	33	19	0.55	215	1	0.06	20	0.03	4	1	47	0.21	87	60
297	17350	5	0.2	2.73	9	438	0.7	5	0.33	0.2	54	7	32	20	2.52	0.49	27	17	0.48	203	1	0.04	19	0.03	3	1	42	0.18	83	51
298	16600E-17400N	5	0.2	3.63	9	678	1.0	5	0.39	0.2	63	12	32	34	3.07	0.75	31	27	0.76	251	1	0.06	36	0.04	10	2	53	0.27	94	69
2	16600E-17450N	5	0.2	3.06	9	660	0.9	5	0.38	0.2	58	12	36	21	2.91	0.52	29	22	0.49	246	1	0.05	26	0.04	8	6	55	0.21	86	71
3	17500	5	0.2	2.90	6	519	0.8	5	0.38	0.2	54	15	36	14	2.77	0.41	26	18	0.47	291	1	0.04	25	0.04	3	2	46	0.20	84	100
4	17550	5	0.2	2.98	6	534	0.7	5	0.45	0.2	57	12	42	18	2.91	0.44	28	23	0.66	264	1	0.05	27	0.03	2	2	51	0.24	87	59
5	17600	5	0.2	3.07	9	596	0.8	5	0.46	0.2	55	16	45	17	3.03	0.41	27	23	0.68	481	1	0.05	30	0.05	2	2	49	0.23	90	70
6	16600E-17650N	5	0.2	3.14	7	407	0.9	5	0.40	0.2	57	20	40	15	3.07	0.39	27	23	0.48	302	1	0.04	21	0.11	4	2	47	0.19	91	157
7	16600E-17700N	5	0.4	3.77	10	363	0.8	5	0.36	0.2	55	14	50	17	3.60	0.39	27	23	0.47	264	1	0.04	22	0.07	7	8	46	0.19	108	100
8	17750	5	0.2	2.94	7	423	0.7	5	0.39	0.2	61	7	46	18	2.74	0.46	30	15	0.49	203	1	0.05	21	0.07	8	4	46	0.26	97	61
9	17800	5	0.2	3.80	8	663	1.1	5	0.40	0.2	70	12	52	28	3.53	0.69	35	25	0.76	278	1	0.05	34	0.06	9	1	52	0.25	103	83
10	17850	5	0.2	3.77	10	659	1.2	5	0.28	0.2	61	8	43	33	3.04	0.79	30	20	0.53	201	1	0.05	22	0.07	11	1	65	0.18	94	75
11	16600E-17900N	5	0.2	3.26	3	734	0.9	5	0.68	0.2	68	11	38	25	2.99	0.58	32	22	0.62	387	2	0.06	23	0.08	7	1	66	0.20	109	80
12	16600E-17950N	5	0.2	2.32	7	432	0.8	5	0.41	0.2	62	8	30	24	2.61	0.46	29	15	0.45	268	1	0.04	20	0.05	2	1	45	0.14	80	54
13	18050	5	0.2	2.35	9	503	0.7	5	0.54	0.2	60	9	30	21	2.62	0.50	28	16	0.52	366	1	0.05	21	0.08	2	1	50	0.15	84	70
14	18100	5	0.2	2.59	7	622	0.8	5	0.72	0.2	72	9	38	20	2.65	0.47	33	18	0.54	369	1	0.06	20	0.07	3	1	61	0.18	94	67
15	18150	5	0.2	3.23	9	621	0.9	5	0.86	0.2	69	12	39	30	3.26	0.57	31	21	0.74	462	1	0.07	26	0.08	5	1	76	0.21	111	84
16	16600E-18300N	5	0.2	1.81	2	331	0.4	5	0.49	0.2	55	4	32	9	1.65	0.32	25	11	0.35	164	1	0.04	11	0.05	2	1	44	0.14	68	41

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
17	16600E-18350N	5	0.2	2.05	6	383	0.6	5	0.50	0.2	58	5	36	12	1.86	0.35	27	13	0.36	180	1	0.04	12	0.06	2	1	47	0.15	75	44
18	18400	5	0.2	2.98	4	634	0.8	5	0.56	0.6	58	8	41	39	2.63	0.47	27	17	0.46	242	1	0.06	23	0.08	5	1	54	0.16	93	69
19	18500	5	0.8	1.43	12	553	1.1	5	0.50	1.0	59	5	46	39	1.80	0.29	26	9	0.40	110	1	0.04	18	0.13	16	8	45	0.12	45	95
20	18550	5	0.2	2.50	9	557	0.8	5	0.42	0.2	69	12	48	19	2.58	0.46	33	19	0.62	399	1	0.04	18	0.09	11	2	44	0.16	89	85
21	16600E-18600N	5	0.2	2.99	36	1023	1.3	5	0.75	0.5	86	11	38	24	2.63	0.70	43	23	0.59	361	1	0.05	30	0.10	11	16	79	0.19	123	139
22	16600E-18650N	5	0.8	3.13	20	2325	1.0	5	0.35	0.9	60	4	41	21	2.19	0.83	30	13	0.39	143	9	0.05	16	0.11	44	34	56	0.14	412	108
23	18700	5	0.8	3.39	17	1829	1.0	5	0.27	0.7	63	4	30	17	2.18	1.03	33	10	0.33	95	7	0.04	13	0.08	53	40	59	0.13	280	96
24	18800	5	0.2	2.93	9	861	0.8	5	0.54	0.3	71	10	40	18	2.58	0.57	32	17	0.46	611	1	0.04	24	0.05	8	4	54	0.17	95	102
25	18850	5	0.2	2.79	7	740	0.7	5	0.43	0.2	67	8	34	15	2.43	0.46	32	17	0.45	274	1	0.04	24	0.05	8	4	64	0.16	89	145
26	16600E-18900N	5	0.2	3.70	5	991	1.0	5	0.45	0.5	73	10	37	14	2.90	0.81	34	16	0.48	784	1	0.04	32	0.08	12	2	52	0.15	100	301
27	16600E-18950N	5	0.4	3.22	11	797	0.9	5	0.43	0.8	65	15	53	20	3.23	0.35	30	24	0.56	1175	1	0.04	47	0.07	10	8	47	0.17	90	236
28	19000	5	0.2	2.21	10	433	0.5	5	0.29	0.5	69	6	37	13	2.32	0.34	32	11	0.30	285	1	0.03	12	0.05	21	1	47	0.16	84	80
29	19050	5	0.2	2.68	6	351	0.7	5	0.28	0.2	68	8	49	12	2.96	0.31	32	18	0.56	211	1	0.03	16	0.05	10	4	37	0.19	106	88
30	19100	5	0.2	3.60	5	712	1.0	5	0.36	0.4	69	11	50	25	2.44	0.65	32	18	0.47	245	1	0.05	22	0.08	13	2	48	0.15	104	77
31	16600E-19150N	5	0.2	3.29	9	697	0.8	5	0.48	0.2	57	8	35	25	2.87	0.46	28	17	0.53	275	1	0.06	20	0.06	14	1	56	0.19	105	73
32	16600E-19200N	5	0.2	3.27	14	530	0.8	5	0.39	0.2	57	8	35	22	3.04	0.51	28	19	0.57	254	1	0.05	20	0.05	11	4	49	0.19	101	75
33	19250	5	0.2	3.03	7	617	0.8	5	0.41	0.2	58	18	36	17	2.46	0.48	28	14	0.42	682	1	0.07	16	0.05	11	1	51	0.20	98	61
34	19300	5	0.8	3.17	10	520	0.8	5	0.34	0.2	56	15	37	18	2.80	0.59	28	15	0.44	413	1	0.05	16	0.06	18	12	44	0.19	101	62
35	19350	5	0.4	2.68	8	455	0.6	5	0.39	0.2	56	6	35	13	2.22	0.48	27	13	0.42	212	1	0.04	14	0.04	7	4	43	0.17	85	51
36	16600E-19400N	5	0.2	2.85	13	424	0.6	5	0.38	0.2	61	6	38	12	2.42	0.43	29	14	0.41	177	1	0.04	13	0.05	10	2	43	0.17	89	54
37	16600E-19450N	5	0.2	2.91	13	541	0.7	5	0.35	0.2	60	4	38	12	1.99	0.57	29	13	0.40	189	1	0.04	13	0.04	8	1	44	0.14	82	53
38	16600E-19500N	5	0.4	2.65	5	524	0.6	5	0.36	0.4	66	4	40	15	1.59	0.54	32	7	0.27	177	1	0.05	11	0.06	8	2	45	0.15	80	42
39	17000E-15400N	5	0.2	2.22	10	404	0.8	5	0.44	0.2	61	6	37	27	2.16	0.32	28	15	0.41	167	1	0.03	18	0.03	7	1	39	0.13	73	46
40	15450	5	0.2	2.22	12	405	0.7	5	0.45	0.2	56	6	38	27	2.15	0.32	25	15	0.40	181	1	0.03	17	0.03	5	1	39	0.13	75	51
41	17000E-15500N	5	0.2	2.50	5	473	0.8	5	0.49	0.2	61	7	35	33	2.36	0.36	29	17	0.44	201	1	0.04	18	0.03	5	4	46	0.17	86	52
42	17000E-15550N	5	0.2	2.60	2	482	0.9	5	0.48	0.2	65	7	35	33	2.43	0.37	32	17	0.45	187	1	0.04	18	0.03	3	1	45	0.17	87	53
43	15600	5	0.2	2.86	8	572	1.1	5	0.53	0.2	70	8	34	46	2.69	0.41	34	19	0.48	224	1	0.04	23	0.04	4	2	47	0.17	96	61
44	15650	5	0.2	2.84	5	528	1.0	5	0.53	0.2	68	7	36	37	2.64	0.41	33	19	0.49	212	1	0.05	21	0.04	3	1	49	0.18	94	59
45	15700	5	0.2	2.75	8	502	0.9	5	0.54	0.2	68	7	37	35	2.60	0.39	32	18	0.48	228	1	0.05	20	0.04	5	1	49	0.18	93	58
46	17000E-15750N	5	0.2	2.88	5	511	1.0	5	0.53	0.2	71	7	37	34	2.69	0.42	33	19	0.51	206	1	0.05	20	0.03	6	2	50	0.18	94	56
47	17000E-15800N	5	0.2	2.51	8	416	0.8	5	0.48	0.2	67	7	35	21	2.37	0.39	31	16	0.47	200	1	0.04	17	0.03	3	1	48	0.17	80	47
48	15850	5	0.2	3.08	10	581	1.0	5	0.55	0.2	76	9	39	30	2.98	0.56	36	20	0.56	331	1	0.05	24	0.08	6	1	53	0.19	98	75
49	15900	5	0.2	2.46	10	416	0.7	5	0.51	0.2	68	7	44	15	2.44	0.41	30	16	0.48	210	1	0.04	18	0.06	5	1	50	0.17	82	48
51	15950	5	0.2	2.76	4	432	0.8	5	0.56	0.2	61	8	35	26	2.68	0.52	27	17	0.56	272	1	0.05	19	0.06	3	1	57	0.19	86	58
52	17000E-16000N	5	0.2	2.89	9	542	0.9	5	0.67	0.2	69	10	37	24	2.78	0.51	31	19	0.55	398	1	0.06	20	0.07	3	1	64	0.19	95	65
53	17000E-16050N	5	0.2	3.32	12	667	1.1	5	0.79	0.2	79	11	39	33	3.17	0.56	36	21	0.61	463	1	0.07	24	0.09	2	4	74	0.21	108	77
54	16100	5	0.2	2.36	12	479	0.9	5	0.55	0.2	68	9	32	30	2.63	0.46	31	15	0.49	353	1	0.05	21	0.07	2	8	54	0.16	82	56
55	16150	5	0.4	2.69	18	558	1.1	5	0.96	0.2	99	9	44	19	2.89	0.52	45	19	0.59	385	1	0.07	18	0.10	3	4	82	0.24	106	71
56	16200	5	0.2	2.77	23	649	1.3	5	0.97	0.2	95	10	44	25	2.80	0.48	41	21	0.60	435	1	0.06	20	0.10	4	1	78	0.23	105	71
57	17000E-16250N	5	0.2	2.88	13	676	1.2	5	0.81	0.2	88	10	42	30	2.95	0.51	39	20	0.60	323	1	0.06	22	0.10	4	4	69	0.21	100	71
58	17000E-16300N	10	0.2	3.44	11	654	1.4	5	0.55	0.2	86	9	41	38	3.00	0.54	39	23	0.59	264	1	0.05	24	0.05	4	1	58	0.21	105	63
59	16350	5	0.2	2.56	7	416	0.7	5	0.47	0.2	64	6	41	14	2.19	0.40	28	17	0.46	180	1	0.04	16	0.05	2	1	47	0.17	82	46
60	16400	5	0.4	3.11	13	757	1.1	5	1.05	0.2	77	12	49	37	2.92	0.38	33	20	0.55	522	1	0.05	31	0.10	5	2	64	0.18	111	74
61	16450	20	0.4	2.68	15	737	1.0	5	1.00	0.2	70	10	35	41	2.73	0.41	32	19	0.60	367	1	0.05	31	0.09	7	4	59	0.16	108	94
62	17000E-16550N	5	0.2	3.44	20	897	1.5	5	1.09	0.3	75	12	43	43	3.14	0.29	38	26	0.80	431	1	0.05	57	0.11	11	2	64	0.17	201	182

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
63	17000E-16600N	5	0.2	3.19	20	735	1.3	5	0.86	0.3	72	10	38	45	2.95	0.45	34	25	0.64	299	1	0.05	46	0.10	9	1	55	0.16	174	139
64	16650	5	0.2	3.14	14	691	1.1	5	0.73	0.2	74	12	38	22	3.11	0.27	34	19	0.51	592	1	0.04	34	0.05	9	1	47	0.19	125	143
65	16700	10	0.2	3.25	25	836	1.4	5	0.81	0.2	74	13	39	47	3.11	0.35	35	25	0.70	464	1	0.05	62	0.06	9	1	51	0.17	189	143
66	16750	5	0.2	3.26	22	894	1.7	5	1.06	1.0	78	11	42	50	2.92	0.39	36	29	1.13	333	2	0.05	73	0.13	12	4	56	0.16	269	299
67	17000E-16800N	15	0.2	2.90	16	606	1.0	5	0.74	0.2	71	10	41	26	2.87	0.32	33	19	0.52	387	1	0.04	33	0.06	7	4	49	0.17	129	100
68	17000E-16850N	5	0.2	2.82	16	686	0.9	5	0.65	0.2	65	9	42	23	2.90	0.40	29	18	0.47	322	1	0.04	25	0.04	7	2	49	0.16	102	62
69	16900	5	0.2	3.72	20	1207	1.7	5	1.51	0.9	87	12	55	42	2.97	0.41	45	27	0.71	883	2	0.04	77	0.34	20	10	72	0.11	306	402
70	16950	5	2.2	3.55	20	1025	1.4	5	0.80	0.8	71	12	89	66	3.10	0.45	30	22	0.57	283	2	0.04	86	0.21	16	30	56	0.14	165	306
71	17000	5	0.2	2.50	8	487	0.7	5	0.52	0.2	57	10	36	17	2.51	0.22	25	15	0.43	342	1	0.04	21	0.04	2	2	42	0.17	82	66
72	17000E-17050N	5	0.8	3.01	13	1012	1.3	5	1.45	0.8	67	10	45	64	2.89	0.43	30	25	0.82	266	1	0.06	61	0.15	6	12	75	0.18	136	197
73	17000E-17100N	5	0.4	2.72	20	629	0.7	5	0.46	0.2	59	12	36	16	2.61	0.44	28	18	0.45	479	1	0.05	19	0.04	4	6	48	0.19	89	59
74	17150	5	0.4	3.34	24	679	1.0	5	0.48	0.2	68	11	38	25	2.84	0.51	32	26	0.55	325	1	0.05	27	0.05	4	2	51	0.21	101	72
75	17200	5	0.2	2.55	15	563	0.7	5	0.49	0.2	63	8	35	15	2.43	0.41	29	18	0.47	337	1	0.05	18	0.04	3	1	51	0.20	87	55
76	17250	10	0.6	3.45	19	860	1.0	5	0.37	0.2	63	14	35	30	2.85	0.59	29	20	0.52	680	1	0.06	25	0.06	5	4	43	0.21	99	75
77	17000E-17300N	5	0.4	3.65	24	829	1.1	5	0.35	0.2	67	13	35	32	2.99	0.69	32	24	0.58	359	1	0.05	29	0.05	8	2	42	0.23	98	69
78	17000E-17350N	5	0.4	2.68	11	579	0.7	5	0.38	0.2	67	8	33	19	2.11	0.60	32	14	0.36	298	1	0.06	16	0.04	4	2	44	0.23	85	49
79	17400	5	0.2	3.71	14	568	1.1	5	0.42	0.2	59	14	44	19	3.40	0.65	27	27	0.60	289	1	0.05	26	0.07	8	1	48	0.19	107	77
80	17450	5	0.2	3.21	7	673	0.8	5	0.41	0.2	64	9	35	17	2.66	0.73	30	23	0.46	255	1	0.06	19	0.06	8	1	51	0.22	92	73
81	17500	5	0.4	3.08	2	692	0.8	5	0.49	0.2	62	24	34	16	2.53	0.56	30	22	0.44	1157	1	0.06	17	0.05	10	1	54	0.22	89	69
82	17000E-17550N	5	0.2	3.28	3	640	0.8	5	0.32	0.2	57	9	29	18	2.70	0.64	29	22	0.52	213	1	0.06	19	0.04	6	4	43	0.24	92	64
83	17000E-17600N	5	0.2	2.62	5	455	0.6	5	0.34	0.2	53	7	33	13	2.41	0.52	26	16	0.41	207	1	0.05	15	0.04	2	4	41	0.18	86	57
84	17650	5	0.2	4.07	3	754	1.0	5	0.25	0.2	61	13	29	25	2.92	0.84	32	23	0.63	372	1	0.07	23	0.05	10	2	38	0.23	99	82
85	17700	5	0.2	3.29	2	625	1.0	5	0.28	0.2	68	8	30	18	2.58	0.73	34	16	0.43	200	1	0.06	16	0.05	9	2	41	0.24	95	65
86	17750	5	0.2	3.00	8	441	0.8	5	0.32	0.2	64	9	33	18	2.84	0.53	31	19	0.45	214	1	0.05	18	0.05	7	2	43	0.22	94	56
87	17000E-17800N	5	0.2	3.01	9	463	0.7	5	0.40	0.2	55	9	39	22	2.65	0.46	26	16	0.47	220	1	0.06	18	0.05	8	1	48	0.20	101	57
88	17000E-17850N	5	0.2	3.66	12	525	1.2	5	0.40	0.2	72	13	39	32	3.27	0.61	36	24	0.61	256	1	0.06	36	0.07	11	2	49	0.22	103	81
89	17900	5	0.2	3.31	11	499	1.1	5	0.50	0.2	76	11	45	28	3.18	0.60	36	22	0.58	272	1	0.05	28	0.06	10	2	52	0.22	100	74
90	18050	5	0.2	2.63	7	508	0.8	5	0.35	0.7	56	4	37	32	1.60	0.56	26	11	0.25	165	1	0.12	15	0.12	9	1	42	0.18	80	52
91	18100	5	0.2	2.90	3	487	0.7	5	0.43	0.2	58	13	38	14	2.78	0.35	28	21	0.43	593	1	0.07	17	0.05	7	2	46	0.21	101	74
92	17000E-18150N	5	0.2	3.56	14	747	1.3	5	0.60	0.2	85	19	41	32	3.87	0.61	42	32	0.95	406	1	0.05	45	0.08	10	4	69	0.30	107	94
93	17000E-18250N	5	0.2	2.97	7	669	0.8	5	0.51	0.2	62	7	34	20	2.69	0.51	30	20	0.54	233	1	0.05	19	0.06	5	2	57	0.20	98	68
94	18300	5	0.2	4.21	15	1032	1.0	5	0.95	0.9	62	34	68	52	5.29	0.58	29	41	2.14	959	1	0.07	94	0.08	5	1	91	0.46	121	167
95	18350	5	0.2	2.70	4	468	0.6	5	0.43	0.2	52	5	33	12	2.25	0.49	25	16	0.44	177	1	0.05	16	0.05	5	1	50	0.19	91	51
96	18450	5	0.2	2.79	7	564	0.7	5	0.63	0.2	69	8	35	19	2.47	0.47	32	22	0.53	227	1	0.05	19	0.06	4	1	64	0.20	90	62
97	17000E-18500N	5	0.2	2.85	7	540	0.7	5	0.56	0.2	67	8	38	18	2.52	0.48	32	19	0.50	246	1	0.05	18	0.06	6	2	56	0.19	92	62
98	17000E-18550N	5	0.2	2.77	13	530	0.8	5	0.59	0.2	69	8	45	19	2.73	0.47	32	19	0.54	264	1	0.05	20	0.06	6	2	56	0.20	100	67
99	18600	5	0.2	2.88	11	554	0.8	5	0.65	0.3	71	11	49	24	2.97	0.53	32	20	0.57	1098	1	0.06	24	0.07	6	1	59	0.21	110	85
101	18650	5	0.2	3.16	38	1214	1.1	5	0.87	1.1	73	7	36	22	2.03	0.80	34	19	0.49	206	3	0.04	24	0.10	10	6	88	0.14	134	116
102	18700	5	0.6	3.64	115	443	1.2	6	1.14	1.5	85	50	34	135	4.52	0.58	36	42	0.60	423	2	0.06	226	0.14	15	2	117	0.14	81	296
103	17000E-18750N	5	0.2	3.79	78	1006	1.1	7	0.72	0.3	65	32	42	53	4.10	0.38	28	33	1.04	459	2	0.08	77	0.06	10	1	86	0.26	90	151
104	17000E-18800N	5	0.2	3.73	41	668	1.4	5	0.58	0.2	81	23	42	30	4.33	0.59	38	25	0.74	532	1	0.05	41	0.06	12	1	84	0.22	101	140
105	18850	5	0.4	2.87	29	647	1.0	5	0.57	0.2	70	29	48	22	3.24	0.41	31	25	0.71	888	1	0.04	48	0.05	17	1	65	0.20	92	131
106	18900	5	0.2	3.02	13	501	0.8	5	0.49	0.2	61	15	36	16	3.12	0.40	28	19	0.52	347	1	0.04	25	0.05	9	2	61	0.18	86	82
107	18950	5	0.2	4.53	14	1114	1.6	7	0.47	0.3	74	24	41	26	4.28	0.92	35	29	0.66	720	1	0.06	39	0.08	22	1	81	0.24	104	232
108	17000E-19000N	5	0.4	3.70	73	750	1.5	7	0.55	0.2	73	24	42	38	4.76	0.64	33	24	0.57	666	2	0.05	34	0.08	15	2	74	0.19	96	180

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
109	17400E-15000N	5	0.2	2.71	17	752	1.2	5	0.69	0.3	73	11	42	31	2.75	0.31	32	21	0.65	332	1	0.04	28	0.05	9	2	48	0.19	102	80
110	15050	5	0.2	3.00	15	808	1.5	6	0.71	0.8	75	14	42	28	3.17	0.32	31	28	0.71	542	1	0.04	29	0.06	14	1	53	0.22	102	155
111	15100	15	0.6	3.13	4	395	2.6	5	0.83	1.8	61	9	40	104	2.48	0.18	32	24	0.68	378	2	0.03	147	0.08	15	1	37	0.20	201	1074
112	15150	20	0.2	2.66	7	1264	0.8	5	0.50	0.3	56	13	32	14	2.62	0.26	27	19	0.41	678	1	0.05	20	0.07	7	1	47	0.19	85	166
113	17400E-15200N	5	0.2	3.08	26	563	0.7	5	0.41	0.2	53	11	35	25	2.84	0.29	25	19	0.47	240	1	0.04	27	0.04	5	1	48	0.19	91	51
114	17400E-15250N	5	0.4	2.78	9	580	0.7	5	0.42	0.2	57	15	36	14	2.85	0.31	27	20	0.45	1994	1	0.04	19	0.06	5	1	45	0.19	93	76
115	15300	5	0.2	2.44	9	510	0.6	5	0.36	0.2	55	9	31	12	2.47	0.29	26	18	0.41	352	1	0.04	18	0.04	4	1	40	0.17	77	59
116	15350	10	0.2	2.13	7	415	0.6	5	0.42	0.2	59	26	33	10	2.08	0.31	26	13	0.36	1297	1	0.04	11	0.05	3	1	43	0.17	77	48
117	15400	5	0.2	2.28	7	389	0.7	5	0.49	0.2	66	7	35	15	2.18	0.33	31	14	0.42	230	1	0.04	13	0.06	3	1	46	0.17	77	45
118	17400E-15450N	5	0.2	2.65	12	436	0.8	5	0.50	0.2	64	8	37	16	2.47	0.37	30	17	0.46	234	1	0.05	16	0.07	8	1	47	0.18	85	53
119	17400E-15500N	5	0.2	3.04	11	491	1.0	5	0.56	0.2	79	8	45	23	2.71	0.45	38	19	0.52	229	1	0.05	18	0.07	6	1	54	0.20	92	65
120	15550	10	0.2	2.22	15	434	1.0	5	0.68	0.2	102	7	52	18	2.38	0.30	47	14	0.39	259	1	0.04	16	0.10	7	1	54	0.21	84	52
121	15600	5	0.2	2.52	4	447	0.9	5	0.50	0.2	66	7	39	23	2.35	0.39	32	16	0.45	216	1	0.04	15	0.06	6	1	51	0.18	83	49
122	15650	5	0.2	2.50	6	408	0.9	5	0.49	0.2	71	6	37	21	2.32	0.42	34	17	0.43	200	1	0.04	16	0.05	3	2	52	0.19	85	48
123	17400E-15700N	5	0.2	2.28	6	355	0.6	5	0.47	0.2	55	5	33	12	2.13	0.36	25	15	0.42	160	1	0.04	14	0.06	2	1	47	0.17	79	42
124	17400E-15750N	5	0.2	2.15	5	375	0.6	5	0.43	0.2	47	6	32	12	2.11	0.31	22	14	0.38	159	1	0.04	13	0.06	3	2	43	0.15	73	41
125	15800	5	0.2	2.35	8	421	1.1	5	0.45	0.2	66	8	39	16	2.48	0.34	31	25	0.50	231	1	0.04	16	0.04	5	1	51	0.20	81	48
126	15850	5	0.2	2.66	9	328	1.1	5	0.37	0.2	56	8	39	12	2.87	0.26	26	19	0.43	206	1	0.04	15	0.05	7	2	43	0.21	86	49
127	15900	5	0.2	2.68	8	362	1.0	5	0.37	0.2	59	9	41	13	2.77	0.34	28	22	0.49	248	1	0.04	18	0.04	8	1	43	0.19	88	62
128	17400E-15950N	5	0.2	3.30	11	516	3.0	5	0.56	0.2	91	15	66	13	3.98	0.45	46	53	0.84	324	1	0.04	27	0.08	22	1	62	0.33	131	143
129	17400E-16000N	5	0.2	1.94	7	276	0.8	5	0.43	0.2	69	9	40	16	2.58	0.33	33	20	0.39	349	1	0.04	9	0.08	9	1	45	0.24	110	69
130	16050	5	0.2	2.78	15	550	1.5	5	0.69	0.2	101	10	43	32	3.15	0.51	50	28	0.61	278	1	0.05	21	0.09	11	1	71	0.22	109	68
131	16100	5	0.2	2.51	18	506	1.4	5	0.61	0.2	70	7	37	24	2.52	0.38	34	20	0.55	229	1	0.05	16	0.06	6	1	57	0.19	89	58
132	16150	5	0.2	2.40	26	463	1.2	5	0.72	0.2	81	7	41	18	2.59	0.35	40	18	0.51	308	1	0.05	15	0.08	7	1	62	0.23	95	63
133	17400E-16200N	5	0.2	2.65	34	590	1.4	5	0.77	0.2	69	8	36	24	2.87	0.43	33	21	0.59	309	1	0.05	19	0.09	7	1	65	0.19	105	70
134	17400E-16250N	5	0.2	2.69	47	630	1.9	5	0.80	0.2	79	9	38	29	3.04	0.39	39	25	0.64	385	1	0.05	22	0.10	10	1	66	0.20	105	79
135	16300	5	0.2	2.27	21	528	0.9	5	0.76	0.2	78	6	39	16	2.36	0.35	37	17	0.52	281	1	0.05	16	0.07	3	1	61	0.19	88	52
136	16350	5	0.2	2.32	11	515	0.7	5	0.70	0.2	75	7	41	13	2.30	0.33	34	17	0.51	225	1	0.05	19	0.06	6	1	54	0.20	86	48
137	16400	5	0.2	2.63	14	471	0.9	5	0.81	0.2	80	10	40	18	2.81	0.29	36	21	0.58	295	1	0.05	21	0.08	7	1	59	0.25	108	73
138	17400E-16450N	5	0.2	2.96	27	705	1.8	5	1.14	0.2	99	15	47	54	3.94	0.38	49	31	0.90	401	1	0.07	39	0.12	10	1	83	0.32	133	90
139	17400E-16500N	5	0.2	2.60	33	488	1.9	8	1.34	0.2	160	21	42	64	5.38	0.42	82	61	1.28	409	2	0.05	30	0.24	14	1	214	0.47	150	114
140	16550	5	0.2	3.00	21	520	2.1	6	0.95	0.2	125	15	50	47	4.07	0.52	58	37	0.81	448	1	0.05	28	0.14	11	1	84	0.29	126	92
141	16600	5	0.2	2.86	10	517	2.1	5	0.83	0.2	94	15	47	29	3.71	0.44	40	30	0.58	572	1	0.05	22	0.10	10	1	53	0.26	108	97
142	16650	5	0.2	2.96	26	567	2.3	5	0.79	0.2	90	15	52	43	3.85	0.57	41	30	0.70	594	1	0.06	36	0.11	9	2	54	0.28	124	90
143	17400E-16700N	5	0.4	2.79	9	520	1.7	5	0.71	0.2	73	12	44	25	3.29	0.46	33	24	0.57	652	1	0.04	24	0.10	6	2	49	0.22	103	92
144	17400E-16750N	5	0.2	3.67	10	399	3.6	5	2.00	0.3	103	12	30	37	3.59	0.37	45	23	0.60	791	1	0.05	22	0.10	27	2	55	0.23	80	174
145	16800	5	0.2	3.19	11	596	1.9	5	0.70	0.2	79	14	42	27	3.64	0.55	37	28	0.73	523	1	0.05	28	0.10	12	1	64	0.25	124	104
146	16850	5	0.4	3.86	18	978	1.4	5	0.37	0.7	74	14	31	21	3.06	0.59	36	45	0.56	359	1	0.04	26	0.11	10	1	38	0.16	89	204
147	16900	100	0.8	3.65	35	634	1.5	5	0.29	0.2	63	10	31	23	3.02	0.53	30	24	0.55	205	1	0.04	27	0.04	9	1	37	0.16	91	76
148	17400E-16950N	5	0.2	2.88	18	474	1.2	5	0.46	0.2	64	8	42	18	2.94	0.33	30	20	0.48	344	1	0.05	20	0.06	8	1	43	0.20	114	76
152	17400E-17000N	5	0.4	2.40	5	471	0.8	5	0.47	0.2	66	5	39	14	1.98	0.29	29	16	0.37	177	1	0.04	17	0.08	10	1	44	0.17	92	73
153	17050	5	0.4	2.32	6	588	0.7	5	0.51	0.4	62	7	36	13	2.08	0.28	27	15	0.40	223	1	0.04	16	0.08	8	4	48	0.16	93	76
154	17100	5	1.2	2.93	9	2161	1.1	5	0.67	2.1	64	15	43	30	2.67	0.32	28	19	0.46	797	1	0.06	41	0.19	9	4	77	0.18	157	231
155	17150	5	0.6	2.96	12	2747	0.9	5	0.58	1.1	64	7	40	31	2.37	0.36	28	18	0.41	235	2	0.05	32	0.14	9	1	62	0.17	152	164
156	17400E-17200N	5	0.6	2.80	13	1690	0.9	5	0.44	1.6	62	7	38	25	2.18	0.41	28	17	0.36	260	1	0.05	32	0.12	9	2	52	0.17	129	174

T.T No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
157	17400E-17250N		5	1.2	2.88	8	955	0.9	5	0.48	1.3	61	7	38	23	2.48	0.40	27	18	0.45	285	1	0.05	33	0.15	5	6	49	0.17	119	193
158	17300		30	1.8	2.85	13	1141	0.9	5	0.48	3.5	62	12	36	22	2.54	0.30	29	18	0.39	619	1	0.05	32	0.16	8	2	50	0.14	113	252
159	17350		5	1.8	3.48	14	1109	1.1	6	0.58	2.5	66	9	45	46	3.18	0.39	32	21	0.54	441	2	0.05	72	0.23	11	8	59	0.18	143	370
160	17400		10	2.0	2.80	14	1327	1.0	7	0.57	2.6	63	12	45	46	3.59	0.29	31	18	0.43	649	2	0.04	65	0.33	10	6	59	0.16	170	470
161	17400E-17450N		5	2.4	3.06	5	751	0.8	5	0.40	1.4	51	10	45	25	2.74	0.29	26	16	0.41	470	1	0.04	36	0.17	10	8	48	0.18	110	268
162	17400E-17500N		50	0.6	3.20	12	941	1.0	5	0.47	1.3	59	7	49	29	2.86	0.38	29	19	0.48	248	1	0.04	57	0.20	9	6	58	0.17	106	277
163	17550		5	0.8	3.10	12	615	1.1	5	0.60	2.5	63	9	43	32	2.78	0.39	31	18	0.55	338	1	0.04	63	0.28	5	2	52	0.15	95	349
164	17600		5	0.4	3.30	13	2213	1.5	5	1.76	1.8	76	9	56	49	2.72	0.31	50	20	0.51	276	1	0.04	102	0.85	13	1	129	0.14	173	501
165	17650		5	0.4	3.77	10	1518	1.0	5	0.20	0.4	64	5	34	21	2.68	0.49	33	21	0.28	133	1	0.04	31	0.12	15	1	55	0.20	134	114
166	17400E-17700N		5	0.2	4.02	2	1416	0.9	5	0.24	0.7	61	7	29	21	2.73	0.71	30	20	0.50	196	1	0.05	31	0.08	14	1	42	0.22	132	138
167	17400E-17750N	*	5	0.2	4.95	7	2228	1.6	5	0.24	1.2	61	12	31	40	2.78	0.87	32	21	0.56	303	2	0.07	48	0.19	36	1	53	0.24	170	234
168	17850		5	0.2	3.60	25	991	1.1	5	0.37	0.6	65	9	34	28	2.78	0.63	31	23	0.54	213	1	0.05	27	0.08	7	1	47	0.18	112	99
169	17900		5	0.2	2.69	19	756	0.8	5	0.52	0.4	63	8	35	21	2.50	0.44	28	18	0.53	270	2	0.05	21	0.06	3	1	50	0.17	101	79
170	17950		5	0.2	2.98	12	613	0.8	5	0.61	0.4	63	9	37	19	2.68	0.46	28	20	0.62	332	1	0.06	21	0.07	3	1	59	0.20	101	80
171	17400E-18000N		5	0.2	2.33	16	551	0.7	5	0.64	0.2	88	8	57	18	2.45	0.40	41	15	0.44	323	1	0.04	18	0.07	3	4	57	0.20	90	58
172	17400E-18000N	DUP?	5	0.2	3.10	12	724	0.8	5	0.57	0.2	70	10	42	21	2.80	0.56	32	19	0.57	423	1	0.05	21	0.07	5	1	58	0.20	101	71
173	18100		5	0.2	3.30	8	1247	0.8	5	0.38	0.3	60	8	35	21	2.71	0.59	28	17	0.50	242	1	0.06	20	0.06	6	1	48	0.20	101	70
174	18150		5	0.2	3.06	11	978	0.7	5	0.36	0.2	60	7	36	18	2.47	0.62	28	15	0.43	215	2	0.06	17	0.07	8	1	45	0.20	112	60
175	18200		5	0.2	2.50	7	446	0.6	5	0.38	0.2	52	5	29	12	1.81	0.44	23	13	0.40	161	1	0.05	14	0.03	4	1	44	0.17	80	41
176	17400E-18250N		5	0.2	3.68	18	652	1.1	6	0.56	0.2	77	14	39	29	3.56	0.67	36	23	0.77	413	2	0.07	26	0.07	11	1	72	0.26	116	84
177	17400E-18300N		5	0.2	2.83	8	474	0.6	5	0.40	0.3	60	5	31	10	1.65	0.52	27	10	0.27	166	1	0.07	10	0.05	6	4	54	0.26	99	41
178	18400		5	0.2	2.63	10	421	0.7	5	0.49	0.2	61	8	34	16	2.31	0.45	26	17	0.45	191	1	0.05	20	0.07	7	2	49	0.19	88	73
179	18450		5	0.2	3.52	14	765	1.2	6	0.47	0.2	79	12	37	35	3.01	0.60	37	23	0.61	253	1	0.06	29	0.07	12	1	55	0.21	104	92
180	18500		5	0.2	3.26	18	585	1.2	6	0.41	0.2	73	11	36	33	2.71	0.55	33	20	0.50	242	1	0.05	27	0.11	13	1	54	0.18	88	79
181	17400E-18650N		5	0.2	2.12	2	380	0.5	5	0.30	0.2	41	4	30	14	1.25	0.44	20	10	0.23	111	1	0.04	11	0.06	5	1	42	0.14	56	45
182	17400E-18700N	*¤	5	0.6	1.80	4	579	2.0	5	0.62	1.2	61	35	25	99	2.20	0.27	24	9	0.23	739	2	0.07	69	0.15	4	1	64	0.08	43	138
183	18750		20	0.2	2.90	43	665	1.5	5	1.00	0.9	91	13	46	30	2.76	0.61	41	26	0.71	431	1	0.05	36	0.10	4	1	82	0.21	117	133
184	18800		5	0.2	3.97	20	890	1.2	5	0.41	0.2	68	22	36	26	3.14	0.92	34	28	0.60	598	1	0.05	31	0.06	9	2	73	0.23	104	113
185	18850		5	0.4	3.53	3	1149	1.3	5	0.49	1.1	63	26	35	28	1.01	0.92	29	16	0.39	149	2	0.05	114	0.08	9	20	76	0.13	133	150
186	17400E-18900N		5	0.2	3.83	59	1677	1.3	5	0.88	2.4	77	11	39	33	2.68	1.03	35	22	0.57	398	3	0.05	47	0.10	15	46	99	0.13	166	241
187	17400E-18950N		5	0.4	2.59	3	693	0.7	5	0.60	0.9	51	7	34	23	2.07	0.56	22	8	0.26	395	1	0.10	16	0.18	9	1	71	0.17	83	87
188	17400E-19000N		5	0.2	4.08	18	777	1.4	5	0.31	0.2	67	10	33	24	3.74	0.99	33	31	0.57	255	1	0.05	26	0.07	12	4	64	0.22	109	97
189	17800E-18050N		5	0.2	4.18	274	630	1.6	5	0.32	0.2	74	17	38	46	4.18	0.73	36	29	0.66	377	2	0.06	44	0.07	8	2	61	0.26	106	73
190	18100		5	0.2	3.98	27	706	1.2	5	0.30	0.2	77	10	39	29	3.16	0.83	37	24	0.60	255	1	0.06	34	0.07	10	2	48	0.25	102	79
191	17800E-18150N		5	0.2	3.24	60	604	1.0	5	0.22	0.2	61	8	34	23	3.10	0.66	29	17	0.36	228	1	0.06	19	0.07	12	2	37	0.20	103	60
192	17800E-18200N		5	0.2	3.39	41	735	1.3	5	0.19	0.3	60	7	31	57	2.27	0.77	29	17	0.31	127	1	0.11	24	0.10	11	1	38	0.17	81	62
193	18250		5	0.2	4.20	68	757	2.1	5	0.27	0.2	76	17	39	42	4.02	0.89	37	31	0.55	303	1	0.06	36	0.07	8	4	68	0.22	104	111
194	18300		5	0.2	3.83	45	658	1.9	5	0.27	0.2	70	13	34	32	3.80	0.78	34	33	0.46	254	1	0.05	27	0.08	10	2	72	0.22	102	87
195	18350		5	0.2	2.75	38	653	1.4	5	1.00	0.4	89	13	39	26	2.76	0.59	39	29	0.69	388	2	0.05	33	0.10	8	4	83	0.22	113	130
196	17800E-18500N		5	0.2	3.26	36	486	1.6	5	0.27	0.2	57	9	36	34	3.96	0.57	27	26	0.33	299	2	0.13	21	0.10	13	4	57	0.23	113	94
197	17800E-18550N		5	0.2	4.04	69	805	2.4	8	0.67	1.0	83	36	40	38	4.39	0.65	37	35	0.73	1621	2	0.06	47	0.10	17	1	93	0.23	107	248
198	18600		5	0.2	3.67	49	602	1.4	7	0.49	0.2	74	18	40	27	3.62	0.54	34	29	0.63	404	2	0.05	35	0.06	16	4	59	0.23	105	123
199	18650		5	0.2	3.17	17	505	1.2	6	0.48	0.2	72	13	36	26	3.00	0.36	32	23	0.60	299	2	0.05	30	0.05	10	2	55	0.21	102	71
201	18700		5	0.2	3.14	33	536	1.1	5	0.44	0.2	63	13	43	21	3.27	0.69	30	20	0.54	307	1	0.04	25	0.05	6	2	57	0.18	94	61
202	17800E-18750N		5	0.2	3.28	31	542	1.2	5	0.45	0.2	74	11	42	19	3.47	0.67	35	23	0.61	290	1	0.05	21	0.05	5	4	65	0.21	99	61

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
203	17800E-18800N	5	0.2	3.25	11	570	0.9	5	0.41	0.2	66	11	40	20	3.20	0.56	32	21	0.53	364	1	0.05	22	0.04	5	1	51	0.20	97	63
204	18850	5	0.2	3.27	11	499	0.9	5	0.41	0.2	68	10	40	21	3.05	0.56	32	22	0.55	281	1	0.05	23	0.04	5	1	49	0.20	98	58
205	18900	5	0.2	3.52	15	540	1.0	5	0.43	0.2	68	13	36	19	3.26	0.56	31	24	0.57	348	1	0.05	25	0.05	7	2	52	0.23	104	80
206	18950	5	0.2	3.69	16	670	1.4	5	0.48	0.2	75	19	34	24	3.82	0.67	35	32	0.57	380	1	0.06	32	0.08	13	4	63	0.26	109	112
207	17800E-19000N	5	0.2	2.66	14	451	0.7	5	0.41	0.2	63	8	35	21	2.74	0.39	29	18	0.49	242	1	0.05	19	0.04	6	1	46	0.18	87	52
208	22000E-18050N	5	0.2	3.05	9	343	0.7	5	0.35	0.2	62	6	42	18	3.22	0.45	29	16	0.44	227	2	0.04	22	0.09	15	1	46	0.27	188	98
209	18100	5	0.2	3.54	12	556	1.5	5	0.39	0.6	73	13	39	24	3.38	0.62	34	21	0.53	321	1	0.04	27	0.13	16	1	45	0.21	124	108
210	18150	5	0.2	2.67	11	374	2.0	5	0.26	0.2	94	6	35	22	3.78	0.41	50	16	0.34	245	2	0.05	12	0.10	16	1	48	0.27	120	89
211	18250 *¤	5	1.4	1.94	4	403	0.8	5	0.72	2.9	46	4	63	55	1.88	0.25	22	9	0.29	149	5	0.04	87	0.13	12	2	192	0.17	425	450
212	22000E-18300N *¤	5	1.4	1.23	7	248	0.9	5	2.79	15.8	43	5	42	56	1.05	0.17	20	6	0.17	312	2	0.12	59	0.17	8	2	126	0.10	261	473
213	22000E-18350N *	5	0.6	0.61	8	260	0.8	5	3.62	26.1	30	3	20	54	0.54	0.09	10	5	0.12	162	2	0.04	61	0.16	2	4	150	0.04	177	441
216	18400	5	0.6	3.29	7	581	1.0	6	0.74	1.5	66	10	41	34	2.60	0.49	31	22	0.60	354	3	0.05	51	0.11	7	2	58	0.16	186	321
217	18450 *	5	0.6	1.60	16	235	0.5	5	0.37	2.3	45	5	27	20	1.48	0.25	18	9	0.34	185	2	0.06	16	0.08	4	1	61	0.14	76	91
218	18500	5	0.4	2.62	12	325	0.6	5	0.41	0.2	60	6	35	14	2.31	0.36	26	15	0.48	178	2	0.05	17	0.04	6	1	44	0.18	109	71
219	22000E-18550N *	5	0.2	2.62	6	362	0.7	5	0.33	0.5	58	9	36	19	2.43	0.48	25	15	0.54	394	3	0.06	26	0.07	8	2	35	0.17	135	203
220	22000E-18600N	5	0.2	2.90	8	338	0.7	5	0.28	0.2	54	6	35	12	3.06	0.51	24	20	0.50	230	2	0.04	19	0.05	8	1	38	0.17	141	107
221	18650 *¤	5	0.6	1.07	7	384	0.6	5	2.52	2.3	37	4	16	22	0.79	0.16	12	6	0.43	318	3	0.03	26	0.11	2	6	67	0.04	81	153
222	18700	5	0.2	3.84	2	481	0.8	5	0.24	0.2	52	6	38	18	2.92	0.58	25	25	0.48	215	1	0.04	16	0.05	4	194	36	0.11	103	85
223	18750	5	0.2	3.01	2	399	0.5	5	0.22	0.2	52	3	33	10	2.15	0.54	26	11	0.29	255	1	0.05	8	0.06	2	132	38	0.11	95	36
224	22000E-18800N	5	0.8	4.14	2	837	1.0	5	0.33	0.2	61	6	33	18	1.99	0.97	30	23	0.54	136	1	0.05	19	0.10	7	100	41	0.10	117	82
225	22000E-18850N	5	0.2	2.68	4	448	0.6	5	0.36	0.2	54	5	33	12	2.05	0.53	26	15	0.40	161	2	0.04	16	0.09	2	10	43	0.15	125	69
226	18900	5	0.4	2.95	5	495	0.7	5	0.32	0.4	48	5	35	17	2.07	0.57	24	15	0.41	154	1	0.05	20	0.11	5	42	41	0.13	168	93
227	18950	5	0.2	2.79	14	504	0.7	5	0.34	0.3	57	5	32	16	2.03	0.59	27	15	0.41	153	1	0.04	18	0.07	7	72	39	0.12	107	66
228	19000	5	0.2	3.05	9	432	0.7	5	0.26	0.2	61	6	35	15	2.39	0.58	29	15	0.34	249	2	0.05	14	0.07	12	14	39	0.16	98	53
229	22000E-19050N	5	0.2	3.11	7	380	0.6	5	0.23	0.2	59	3	32	9	1.77	0.54	27	12	0.27	242	1	0.05	7	0.03	12	1	42	0.21	112	32
230	22000E-19150N *	5	0.2	6.28	30	1576	1.9	7	0.15	0.2	88	15	26	42	4.28	1.91	44	33	0.64	609	1	0.05	32	0.09	28	4	40	0.12	116	114
231	19200 *	5	0.2	4.74	3	1137	1.4	5	0.23	0.2	70	14	45	35	3.57	1.29	36	26	0.63	669	1	0.05	36	0.09	20	2	42	0.13	113	100
232	19250	5	0.4	3.03	4	478	0.6	5	0.39	0.6	56	5	40	13	1.86	0.48	26	17	0.40	170	2	0.05	17	0.09	10	56	43	0.14	155	97
214	19300	5	0.6	3.16	5	583	0.7	5	0.40	0.2	57	5	42	12	1.81	0.57	27	18	0.40	161	2	0.05	20	0.08	3	34	49	0.15	209	105
215	22000E-19350N	15	0.6	5.60	3	1850	1.5	5	0.32	0.3	70	20	34	23	3.05	1.25	33	43	0.58	746	1	0.11	38	0.08	16	2	74	0.12	178	143
233	24700E-17000N	5	0.6	2.72	19	559	0.8	5	0.35	0.6	61	10	38	23	2.58	0.54	28	16	0.44	297	2	0.05	21	0.05	19	4	54	0.17	128	123
234	17050	5	0.4	3.26	32	845	1.1	5	0.42	1.2	77	8	35	27	3.42	0.63	38	21	0.56	252	2	0.05	27	0.08	29	12	59	0.18	178	157
235	17100	5	0.2	2.88	27	664	0.9	5	0.43	0.8	65	7	35	20	2.98	0.52	30	19	0.41	234	2	0.05	20	0.08	15	1	53	0.18	147	94
236	17150	5	0.4	2.86	26	572	0.9	5	0.33	1.3	65	6	27	20	2.05	0.51	31	13	0.30	321	2	0.06	14	0.05	21	4	54	0.17	104	99
237	24700E-17200N	5	1.0	3.29	25	815	0.7	5	0.27	0.5	76	4	29	18	2.28	0.70	36	9	0.27	157	2	0.05	9	0.06	44	14	49	0.20	112	85
238	24700E-17250N	5	0.4	4.24	131	1046	1.2	5	0.26	0.6	93	7	27	23	2.98	1.33	45	15	0.50	187	2	0.04	19	0.06	79	48	55	0.15	108	135
239	17300 *¤	30	1.6	4.37	205	1108	1.5	6	0.13	1.0	79	7	22	27	3.20	1.45	39	11	0.37	523	2	0.04	16	0.09	104	70	76	0.09	99	179
240	17350	5	0.2	3.09	52	646	1.1	6	0.40	1.3	72	9	34	18	2.97	0.53	33	20	0.51	423	2	0.05	21	0.07	17	2	51	0.21	123	145
241	17400	5	0.4	4.13	143	400	2.5	5	0.24	0.3	82	19	57	21	4.98	0.50	46	36	0.97	496	2	0.03	71	0.14	10	2	37	0.20	129	344
242	24700E-17450N	5	0.2	3.59	14	411	1.1	5	0.30	0.2	59	8	31	14	3.70	0.41	22	22	0.61	466	1	0.04	20	0.10	7	2	39	0.16	105	134
243	24700E-17500N	5	0.4	4.89	28	447	1.9	5	0.31	0.2	59	13	26	14	3.36	0.60	29	27	0.60	483	1	0.04	14	0.06	115	10	42	0.15	98	210
244	17550	5	0.2	3.55	2	666	0.7	5	0.33	0.2	61	4	34	11	2.23	0.62	30	15	0.36	168	1	0.06	7	0.07	8	2	51	0.19	113	47
245	17600	5	0.4	4.39	8	910	1.2	5	0.29	0.2	59	7	29	15	2.65	0.91	31	21	0.45	295	1	0.07	15	0.08	28	6	56	0.15	119	88
246	17650 *	5	0.6	4.39	39	796	3.1	5	0.53	0.9	85	14	75	36	4.25	0.86	47	34	1.16	612	2	0.06	25	0.11	34	20	69	0.19	145	254
247	24700E-17700N	5	1.2	4.80	54	1047	1.5	5	0.36	0.3	75	9	30	16	2.89	0.98	38	24	0.62	313	1	0.07	18	0.10	37	8	62	0.15	126	122

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
248	24700E-17750N	5	1.0	4.69	26	856	1.9	5	0.44	0.9	86	9	31	19	2.96	0.92	43	27	0.71	260	1	0.05	18	0.09	50	8	59	0.15	118	202
249	17800	5	0.6	3.48	29	655	1.1	5	0.37	0.4	64	5	34	12	2.04	0.61	32	19	0.60	207	1	0.04	14	0.08	22	8	49	0.15	99	104
251	17850	5	0.8	3.68	27	688	1.1	5	0.34	0.2	65	6	46	18	2.15	0.66	34	21	0.56	214	1	0.05	13	0.08	31	4	52	0.16	102	90
252	17900	5	0.4	3.46	21	394	1.0	5	0.37	0.3	65	7	40	14	3.45	0.47	31	24	0.50	263	1	0.05	15	0.05	15	2	54	0.20	109	116
253	24700E-17950N	5	1.0	3.61	26	420	1.1	5	0.36	0.9	60	5	32	18	2.58	0.47	30	17	0.43	181	1	0.08	14	0.09	17	2	50	0.17	99	108
254	24700E-18000N	5	0.8	4.48	42	463	1.7	5	0.46	1.5	75	6	25	20	3.16	0.55	40	28	0.57	311	1	0.06	14	0.06	26	20	58	0.16	104	346
255	24800E-17000N *¤	5	1.6	5.11	19	1361	1.4	5	0.31	1.5	55	11	45	45	3.03	0.84	28	25	0.45	294	1	0.09	34	0.28	32	6	59	0.16	174	179
256	17050	5	0.4	3.53	23	575	0.8	5	0.31	0.2	61	5	35	20	2.55	0.49	30	15	0.38	191	1	0.08	14	0.06	22	6	52	0.22	139	78
257	17100	5	0.2	3.21	15	525	0.8	5	0.33	0.3	62	6	34	15	2.67	0.51	30	20	0.42	222	1	0.07	15	0.07	14	4	49	0.20	117	78
258	24800E-17150N	5	0.6	3.67	49	924	0.9	5	0.34	0.4	75	6	33	17	2.40	0.89	36	16	0.42	212	1	0.05	15	0.05	22	6	50	0.19	124	100
259	24800E-17200N	35	1.8	5.97	86	1820	2.0	6	0.27	1.5	83	12	33	34	3.51	1.36	44	34	0.59	456	3	0.06	29	0.08	52	30	62	0.14	176	166
260	17250	5	0.4	3.66	15	484	1.0	5	0.38	1.2	65	12	35	13	3.35	0.37	30	25	0.53	530	2	0.05	22	0.05	16	1	48	0.19	101	279
261	17300	5	1.6	3.97	19	387	1.2	5	0.33	1.6	58	7	33	15	3.63	0.42	30	23	0.41	316	1	0.04	15	0.07	22	6	43	0.18	108	313
262	17350	5	1.0	4.32	6	619	1.2	5	0.37	0.2	54	10	46	21	3.75	0.46	28	26	0.61	343	1	0.05	24	0.06	8	1	52	0.22	126	109
263	24800E-17400N	5	0.8	3.47	5	485	0.7	5	0.38	0.3	56	7	37	12	3.21	0.40	28	24	0.48	336	1	0.05	14	0.04	23	2	49	0.21	115	115
264	24800E-17450N	5	2.4	4.04	45	513	1.0	5	0.37	0.5	60	6	45	14	4.36	0.61	32	30	0.50	340	1	0.05	14	0.08	55	1	54	0.24	146	196
265	17500	5	0.6	3.54	18	586	0.9	5	0.28	0.6	57	5	36	14	2.21	0.67	29	14	0.35	199	1	0.06	10	0.21	49	1	49	0.19	115	86
266	17550	5	0.2	4.23	94	400	1.6	5	0.32	0.8	63	9	30	16	3.59	0.56	30	26	0.55	571	2	0.04	14	0.06	119	4	44	0.18	118	400
267	17600	5	0.4	3.98	43	471	1.5	5	0.36	0.2	63	9	34	15	3.26	0.55	31	27	0.52	463	1	0.05	15	0.05	44	2	48	0.19	114	173
268	24800E-17650N	5	0.2	3.64	31	490	1.6	5	0.56	0.4	74	11	32	17	3.29	0.60	36	28	0.75	613	1	0.05	19	0.08	44	4	61	0.20	111	192
269	24800E-17700N	5	1.2	3.59	27	761	1.3	5	0.55	1.2	72	9	34	18	2.58	0.67	36	22	0.57	446	1	0.06	19	0.09	25	2	62	0.17	105	144
270	17750	10	0.6	4.07	35	736	1.6	5	0.82	0.7	81	9	37	17	3.15	0.62	37	34	0.73	334	2	0.05	19	0.08	38	6	84	0.18	118	202
271	17800	5	0.8	3.04	135	448	1.9	5	0.44	1.0	74	11	45	26	3.26	0.56	37	27	0.94	500	1	0.04	18	0.08	129	44	54	0.16	101	260
272	17850	5	1.6	3.69	64	515	1.9	5	0.96	1.1	81	9	35	22	2.97	0.63	43	32	0.69	365	2	0.05	15	0.09	110	52	98	0.15	97	253
273	24800E-17900N	5	0.2	3.74	46	497	1.7	5	0.74	0.3	89	7	30	24	3.01	0.56	48	26	0.62	401	1	0.05	16	0.08	23	4	79	0.17	96	162
274	24800E-17950N	5	0.4	2.62	30	295	0.8	5	0.34	0.2	56	5	29	11	2.44	0.39	28	14	0.39	235	1	0.04	10	0.07	14	1	40	0.15	85	102
275	24800E-18000N	5	0.4	3.50	33	394	1.0	5	0.38	0.2	57	7	29	13	2.77	0.49	27	19	0.53	264	1	0.04	14	0.05	25	4	46	0.17	98	112
276	24900E-17000N	5	0.4	2.97	10	444	1.0	5	0.40	0.7	62	8	40	14	2.79	0.39	29	19	0.45	427	1	0.05	16	0.05	12	1	46	0.18	103	100
277	17050	5	0.4	3.31	14	453	1.2	5	0.38	0.7	63	8	42	17	3.14	0.42	29	22	0.53	378	2	0.05	20	0.05	15	6	45	0.17	104	108
278	24900E-17100N	5	0.4	3.43	16	461	1.2	5	0.38	0.2	62	9	45	17	3.28	0.43	30	23	0.56	314	1	0.04	21	0.05	16	1	46	0.17	105	105
279	24900E-17150N	5	0.4	3.43	17	436	1.3	5	0.36	0.3	63	9	43	18	3.26	0.43	29	22	0.58	289	1	0.04	22	0.04	18	2	44	0.15	102	113
280	17200	5	0.4	2.91	12	413	0.9	5	0.37	0.6	60	7	43	14	2.79	0.37	28	20	0.45	321	1	0.04	18	0.05	13	1	42	0.16	97	93
281	17250	5	0.2	3.05	5	441	1.0	5	0.34	0.2	51	7	38	15	2.92	0.35	26	22	0.49	270	1	0.04	17	0.04	10	1	44	0.16	99	83
282	17300	5	0.2	2.91	7	427	0.8	5	0.38	0.4	57	6	35	13	2.45	0.39	29	17	0.37	509	1	0.06	11	0.06	4	1	46	0.18	99	80
283	24900E-17350N	5	0.6	2.95	13	450	0.8	5	0.38	3.5	60	7	33	16	2.15	0.43	31	15	0.31	948	1	0.10	8	0.06	22	1	54	0.20	97	191
284	24900E-17400N	5	0.6	2.87	16	428	0.7	5	0.35	0.6	56	6	31	11	2.32	0.48	27	15	0.39	392	1	0.05	9	0.07	20	1	45	0.19	99	134
285	17450	5	1.0	3.19	66	454	1.2	5	0.33	1.5	61	6	28	16	2.77	0.52	31	20	0.47	245	1	0.05	12	0.06	26	1	45	0.16	98	231
286	17500	5	1.2	3.52	60	430	1.5	5	0.39	1.4	60	7	26	17	3.06	0.57	28	22	0.55	623	2	0.04	12	0.08	78	4	46	0.17	107	352
287	17550	5	0.4	3.34	24	328	1.1	5	0.28	0.7	54	5	29	12	2.37	0.40	26	18	0.36	181	1	0.05	8	0.07	32	4	55	0.16	96	124
288	24900E-17600N	630	0.6	3.97	107	297	1.7	5	0.17	0.2	56	6	25	21	4.27	0.62	28	19	0.40	353	2	0.03	7	0.08	50	30	50	0.13	117	164
289	24900E-17650N	10	0.2	2.95	81	337	1.1	5	0.27	0.5	57	6	39	13	2.51	0.47	29	18	0.40	365	1	0.04	9	0.05	41	14	43	0.18	106	95
290	17700	20	0.2	2.45	77	301	0.7	5	0.30	0.5	51	4	36	13	1.94	0.41	23	13	0.32	166	1	0.04	9	0.06	37	6	44	0.14	79	70
291	17750	60	1.2	3.65	351	382	2.0	5	0.36	3.5	68	9	27	27	3.76	0.60	31	25	0.54	615	2	0.04	14	0.08	323	120	50	0.12	95	496
292	17800	80	4.0	3.50	197	474	1.7	6	0.96	4.9	78	8	25	22	2.35	0.72	39	20	0.50	521	1	0.04	12	0.09	308	52	98	0.11	80	419
293	24900E-17850N	110	3.2	3.67	428	415	2.4	5	0.68	4.9	82	8	32	26	3.61	0.86	40	18	0.50	413	2	0.03	13	0.08	338	120	81	0.10	87	633

T.T No.	SAMPLE No.		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
294	24900E-17900N		60	2.0	2.93	121	462	1.5	5	0.60	3.5	76	7	25	17	2.55	0.52	35	21	0.57	609	1	0.04	11	0.09	163	28	60	0.13	83	306
295	17950		10	0.6	4.38	13	624	2.5	5	0.87	0.4	79	7	13	15	2.93	0.82	35	27	0.45	549	1	0.04	14	0.09	40	4	104	0.09	90	169
296	24900E-18000N		5	0.2	3.74	19	512	1.8	5	0.28	0.2	67	7	18	13	2.82	0.57	35	27	0.43	359	1	0.04	13	0.06	28	2	54	0.11	94	159
297	25100E-17000N	*	10	1.4	4.82	84	4238	2.1	5	0.20	1.3	60	8	22	31	3.19	1.17	33	24	0.39	270	9	0.07	30	0.07	39	14	111	0.10	353	268
298	25100E-17050N		10	1.6	5.06	64	4885	2.1	5	0.17	1.8	64	8	27	37	3.18	1.22	37	24	0.36	256	13	0.08	37	0.08	35	16	152	0.10	487	253
2	25100E-17100N		20	1.4	5.20	131	3767	2.4	8	0.23	1.1	66	8	28	30	3.55	1.14	36	25	0.41	298	7	0.06	25	0.07	44	16	100	0.10	333	283
3	17150		20	1.0	5.35	79	3678	2.1	5	0.23	1.3	67	8	26	31	3.48	1.27	37	27	0.43	284	7	0.08	31	0.07	37	16	116	0.11	322	279
4	17200		15	1.2	5.72	94	3943	2.4	5	0.26	1.2	71	9	26	33	3.74	1.30	39	32	0.47	323	8	0.08	31	0.08	43	14	122	0.12	345	300
5	17250		10	2.0	5.75	93	5153	2.6	5	0.21	2.0	74	9	28	41	3.80	1.42	45	27	0.41	303	16	0.08	36	0.09	39	20	169	0.12	578	314
6	25100E-17300N		25	1.6	4.71	116	2563	2.1	5	0.26	1.0	63	8	21	26	3.46	1.03	33	24	0.44	304	6	0.05	22	0.06	41	14	86	0.12	255	294
7	25100E-17350N		20	1.4	5.11	125	3101	2.3	5	0.28	1.0	70	9	24	27	3.66	1.12	37	27	0.47	341	6	0.06	24	0.07	44	16	92	0.13	279	317
8	17400	*	15	1.6	5.55	77	5388	2.4	5	0.21	1.4	68	9	24	35	3.57	1.42	37	28	0.43	309	10	0.09	34	0.08	36	14	138	0.11	418	293
9	17450		30	1.2	4.92	101	2797	2.1	5	0.30	1.3	69	8	27	27	3.55	1.08	37	27	0.47	317	5	0.06	23	0.07	44	12	97	0.13	260	313
10	17500		15	1.4	4.97	141	2629	2.4	6	0.25	1.2	65	8	22	26	3.58	1.05	35	25	0.44	333	6	0.05	22	0.07	48	22	83	0.11	268	310
11	25100E-17550N		20	1.2	5.05	136	2065	2.3	5	0.29	0.9	63	8	32	24	3.64	1.04	34	26	0.46	347	4	0.05	22	0.06	45	22	77	0.11	221	326
12	25100E-17600N		30	1.2	4.73	145	894	2.2	5	0.31	0.6	61	7	26	20	3.53	0.90	31	25	0.48	332	1	0.04	16	0.06	47	18	52	0.12	132	303
13	17650		30	1.2	4.82	140	1180	2.2	5	0.34	0.8	74	8	25	21	3.63	0.92	36	26	0.50	355	2	0.04	19	0.06	50	12	59	0.13	154	322
14	17700	*	20	1.4	5.40	115	4326	2.4	7	0.23	1.3	71	8	25	31	3.63	1.25	37	26	0.43	282	8	0.07	30	0.08	44	14	110	0.11	342	309
15	17900	*¤	5	0.2	4.31	2	744	3.2	6	0.66	0.2	102	13	34	23	4.00	0.78	49	35	0.85	449	2	0.02	23	0.11	12	1	73	0.13	131	140
16	25100E-17950N		5	0.2	6.52	2	5606	2.1	7	0.44	0.2	89	9	22	24	2.86	1.67	43	26	0.46	207	5	0.13	31	0.08	18	1	204	0.13	165	95
17	25200E-17000N		25	1.4	2.45	95	489	1.4	5	2.07	3.1	81	7	19	31	1.99	0.34	39	22	0.42	1481	2	0.04	14	0.09	50	20	130	0.11	67	210
18	17050		40	3.0	2.69	304	349	1.3	12	0.70	1.2	73	10	23	24	2.77	0.42	37	19	0.45	497	2	0.05	11	0.06	40	32	62	0.13	82	112
19	17100		40	1.6	3.53	391	392	1.6	13	1.06	2.7	80	10	29	33	3.64	0.59	36	36	0.64	607	1	0.05	13	0.08	78	28	92	0.17	102	236
20	17200		25	1.4	2.91	187	426	0.9	7	0.37	1.7	68	6	28	15	2.64	0.47	33	21	0.42	228	1	0.04	10	0.06	83	16	40	0.16	89	195
21	25200E-17250N		25	2.0	3.31	193	351	1.1	5	0.45	0.9	60	5	36	14	2.55	0.56	29	17	0.42	215	1	0.04	11	0.05	74	14	48	0.15	98	224
22	25200E-17300N		30	7.2	3.31	171	479	2.3	5	0.55	10.2	123	6	32	56	2.68	0.45	94	22	0.41	227	2	0.08	13	0.06	413	18	60	0.15	95	370
23	17350		5	1.0	3.63	98	375	1.3	5	0.47	0.5	66	7	32	16	3.15	0.60	32	23	0.65	268	2	0.05	12	0.06	26	1	49	0.21	116	174
24	17400	*¤	30	2.0	1.89	166	370	2.5	5	3.37	4.1	111	6	16	39	1.63	0.25	92	16	0.29	1059	2	0.03	14	0.11	25	8	207	0.06	47	148
25	17450		20	0.2	3.81	128	452	2.3	5	1.09	1.2	106	11	32	27	3.75	0.62	54	40	0.79	505	1	0.05	16	0.11	67	10	100	0.20	119	207
26	25200E-17500N		5	1.2	3.80	57	453	1.6	6	0.99	0.5	79	8	25	16	3.09	0.46	47	25	0.47	400	1	0.04	15	0.05	45	4	87	0.15	95	101
27	25200E-17550N		15	0.4	4.75	179	540	3.0	6	1.26	1.6	103	10	18	23	3.77	0.78	47	29	0.60	772	1	0.04	17	0.10	103	134	105	0.10	97	234
28	17600		60	1.0	5.35	493	499	4.0	9	1.50	5.3	107	9	13	35	4.16	1.00	58	30	0.63	1779	2	0.03	14	0.12	154	224	125	0.07	93	439
29	17650	*¤	10	2.6	1.82	81	2442	1.9	5	2.97	4.2	103	4	18	39	1.39	0.30	52	9	0.22	367	2	0.05	23	0.09	30	24	206	0.03	60	146
30	17700		5	1.4	6.29	11	4258	2.3	5	0.74	0.9	89	9	27	28	2.79	1.44	43	41	0.58	219	4	0.12	30	0.08	30	1	157	0.12	253	174
31	25200E-17750N		10	0.2	3.56	15	2533	1.3	5	0.82	2.9	76	56	38	17	3.49	0.76	32	18	0.44	4616	6	0.06	19	0.10	30	1	162	0.11	167	166
32	25200E-17800N		5	0.2	4.12	3	1638	1.6	5	0.32	0.2	74	9	52	19	3.21	0.65	39	21	0.44	402	1	0.05	22	0.05	7	1	59	0.16	141	89
33	17850		5	0.2	3.55	2	560	0.9	5	0.33	0.2	54	10	44	12	3.54	0.38	27	22	0.45	390	1	0.05	15	0.05	6	1	45	0.19	117	81
34	17900		5	0.2	3.21	5	456	0.8	5	0.33	0.2	54	9	42	11	3.13	0.27	27	19	0.39	314	1	0.04	14	0.05	4	1	42	0.21	107	108
35	25200E-17950N		5	0.2	2.51	11	1215	0.6	5	0.61	0.2	60	5	35	12	1.98	0.46	28	13	0.35	179	1	0.07	12	0.04	3	1	71	0.19	92	47
36	25400E-17000N		75	0.8	4.97	95	278	3.2	5	0.72	0.3	82	9	13	15	3.50	0.65	41	24	0.50	442	1	0.02	12	0.12	57	170	94	0.06	98	203
37	25400E-17050N	*¤	5	1.0	0.92	98	215	0.6	5	2.66	3.7	41	4	11	16	0.95	0.14	12	8	0.27	147	2	0.03	9	0.05	23	6	145	0.06	32	121
38	17100		5	2.0	3.19	191	388	2.0	6	1.20	1.8	77	7	20	23	2.82	0.57	42	26	0.58	484	1	0.04	11	0.07	51	30	94	0.12	80	214
39	17150		5	1.6	2.83	116	300	1.3	7	0.48	0.3	59	8	27	17	3.22	0.41	25	32	0.70	359	2	0.04	15	0.06	36	4	56	0.19	96	143
40	17200		5	0.8	3.49	57	357	1.5	5	0.46	0.2	57	9	31	15	3.96	0.34	24	38	0.74	352	1	0.05	13	0.06	40	8	66	0.25	120	162
41	25400E-17250N		5	0.2	3.13	51	410	1.1	5	0.49	0.6	62	8	36	15	2.77	0.47	30	27	0.54	286	1	0.04	13	0.05	25	1	53	0.16	94	120

T.T No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
42	25400E-17300N	20	1.2	3.36	78	483	1.7	5	1.07	1.4	85	8	34	21	2.87	0.51	42	30	0.63	355	1	0.04	14	0.10	47	2	84	0.16	95	217
43	17350	45	0.6	3.02	48	361	1.0	5	0.38	0.5	56	6	34	12	2.31	0.46	27	21	0.48	404	1	0.06	11	0.06	24	1	44	0.15	87	125
44	17400	5	1.6	4.21	240	499	2.4	8	0.80	1.8	94	9	22	23	3.00	0.63	46	27	0.55	1262	2	0.05	11	0.10	108	16	72	0.12	90	216
45	17450	85	0.8	3.47	107	475	2.1	6	0.83	1.2	97	9	31	23	3.41	0.63	48	30	0.70	427	1	0.04	15	0.11	57	10	73	0.16	105	222
46	25400E-17500N	5	0.8	3.73	66	1705	2.0	7	1.53	2.1	91	8	27	24	2.44	0.68	42	30	0.44	314	3	0.07	18	0.09	63	12	144	0.10	127	173
47	25400E-17550N *¤	10	0.4	2.80	65	1094	1.4	5	2.06	1.9	74	7	24	20	1.93	0.48	30	20	0.39	476	1	0.05	12	0.08	35	10	152	0.10	93	135
48	17600 *¤	5	1.0	3.70	141	2562	1.9	7	1.23	2.1	75	8	27	27	2.80	0.77	33	24	0.59	434	4	0.05	20	0.10	48	34	199	0.10	153	294
49	17650 *¤	5	0.2	0.36	13	1206	0.4	6	4.15	1.3	35	3	8	14	0.34	0.08	8	5	0.39	339	2	0.04	6	0.06	2	1	524	0.02	15	42
51	17700	5	0.2	4.31	2	1183	2.6	5	0.28	0.2	88	12	85	30	4.39	0.68	48	25	0.62	234	1	0.04	34	0.07	7	34	61	0.17	157	146
52	25400E-17750N	5	0.2	2.83	3	704	0.7	5	0.36	0.2	54	6	47	10	2.66	0.45	27	17	0.42	296	1	0.05	10	0.04	7	1	48	0.18	120	61
53	25400E-17800N	5	0.2	3.28	7	1196	1.2	5	0.22	0.2	69	7	46	22	3.16	0.53	37	9	0.27	254	2	0.05	16	0.06	10	1	69	0.16	168	97
54	17850 *¤	5	0.2	1.09	7	2051	0.8	5	3.62	0.8	51	4	19	17	0.81	0.18	25	7	0.27	345	1	0.05	7	0.08	2	1	282	0.05	35	95
55	25400E-17900N	5	0.2	3.58	10	1960	1.9	5	0.67	0.2	73	7	48	22	2.79	0.54	37	24	0.68	241	1	0.05	17	0.08	10	1	81	0.16	118	91

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9109-021 327 FILE # 91-4919
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Hg ppb
15000E 16000N	15
15000E 16050N	25
15000E 17150N	40
15000E 17200N	40
15000E 17900N	55
15000E 17950N	65
15400E 15500N	55
15400E 15950N	15
15400E 16000N	25
15700E 21650N	30
15700E 21700N	40
15800E 16400N	30
15800E 18000N	25
16200E 15600N	35
16200E 17900N	70
16600E 15650N	35
16600E 16200N	60
16600E 18650N	70
16600E 19300N	35
RE 16200E 17900N	65
16600E 19350N	15
17000E 16100N	30
17000E 16150N	40
17000E 16900N	85
17000E 16950N	65
17400E 15250N	20
17400E 16250N	65
17400E 17450N	75
17400E 17500N	45
22000E 18700N	40
22000E 18750N	60
24800E 17450N	45
24800E 17500N	45
24900E 17750N	105
24900E 17800N	80
24900E 17850N	200
25400E 17750N	20
STANDARD C	1500

- SAMPLE TYPE: SOIL PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 4 1991 DATE REPORT MAILED: Oct 15/91

SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
15000E 15400N	60
RE 15000E 15600N	50
15000E 15450N	55
15000E 15500N	30
15000E 15550N	35
15000E 15600N	45
15000E 15650N	30
15000E 15700N	45
15000E 15750N	40
15000E 15800N	40
15000E 15850N	10
15000E 15900N	5
15000E 15950N	15
15000E 16100N	10
15000E 16150N	10
15000E 16200N	15
15000E 16250N	15
15000E 16300N	25
15000E 16350N	30
15000E 16400N	20
15000E 16450N	20
15000E 16500N	20
15000E 16550N	20
15000E 16600N	25
15000E 16650N	30
15000E 16700N	60
15000E 16750N	15
15000E 16800N	25
15000E 16850N	20
15000E 16900N	35
15000E 16950N	35
15000E 17000N	35
15000E 17050N	20
15000E 17100N	35
15000E 17250N	40
15000E 17300N	20
15000E 17350N	50
STANDARD C	1300

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15000E 17400N	35
15000E 17450N	25
15000E 17500N	25
15000E 17550N	30
15000E 17600N	20
15000E 17650N	25
15000E 17700N	80
15000E 17750N	30
15000E 17800N	90
15000E 17850N	65
15400E 15550N	30
15400E 15600N	15
15400E 15650N	10
15400E 15700N	20
15400E 15750N	15
15400E 15800N	15
15400E 15850N	25
15400E 15900N	15
RE 15400E 15700N	25
15400E 16050N	30
15400E 16100N	25
15400E 16150N	25
15400E 16200N	15
15400E 16250N	15
15400E 16300N	10
15400E 16350N	10
15400E 16400N	10
15400E 16450N	10
15400E 16500N	30
15400E 16550N	25
15400E 16600N	30
15400E 16650N	25
15400E 16700N	30
15400E 16750N	25
15400E 16800N	20
15400E 16850N	20
15400E 16900N	10
STANDARD C	1600

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15400E 16950N	20
15400E 17000N	35
15400E 17050N	30
15400E 17100N	25
15400E 17150N	30
15400E 17200N	40
15400E 17250N	25
15400E 17300N	30
15400E 17350N	15
15400E 17400N	20
15400E 17450N	255
15400E 17500N	75
15400E 17550N	110
15400E 17600N	85
15400E 17650N	25
15400E 17700N	105
15400E 17750N	15
15400E 17800N	110
15400E 17850N	300
15500E 21100N	160
15500E 21150N	140
15500E 21200N	35
15500E 21250N	210
15500E 21300N	55
15500E 21350N	30
15500E 21400N	50
RE 15500E 21200N	20
15500E 21450N	140
15500E 21500N	335
15500E 21550N	145
15500E 21650N	2600
15500E 21700N	330
15500E 21750N	235
15500E 21800N	385
15500E 21850N	815
15500E 21900N	410
15500E 21950N	275
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15500E 22000N	850
15700E 21000N	130
15700E 21050N	35
15700E 21100N	45
15700E 21150N	30
15700E 21200N	35
15700E 21250N	60
15700E 21300N	75
15700E 21350N	40
15700E 21400N	20
15700E 21450N	30
15700E 21500N	30
15700E 21550N	40
15700E 21600N	55
15700E 21750N	40
15700E 21800N	75
15700E 21850N	345
15700E 21900N	70
15700E 21950N	65
15700E 22000N	70
15800E 15300N	180
RE 15700E 21900N	75
15800E 15350N	100
15800E 15400N	90
15800E 15450N	75
15800E 15550N	25
15800E 15600N	35
15800E 15700N	65
15800E 15750N	45
15800E 15800N	35
15800E 15850N	30
15800E 15900N	50
15800E 15950N	75
15800E 16000N	35
15800E 16150N	65
15800E 16200N	30
15800E 16250N	50
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15800E 16300N	40
15800E 16350N	80
15800E 16450N	45
15800E 16500N	45
15800E 16550N	85
15800E 16600N	60
15800E 16650N	55
15800E 16700N	205
15800E 16800N	20
15800E 16850N	50
15800E 16900N	45
15800E 17000N	25
15800E 17050N	45
15800E 17100N	45
15800E 17150N	40
15800E 17200N	50
15800E 17250N	30
15800E 17300N	40
15800E 17350N	245
15800E 17400N	50
15800E 17450N	50
15800E 17500N	25
15800E 17550N	35
15800E 17600N	30
15800E 17650N	35
15800E 17700N	35
15800E 17750N	30
RE 15800E 17600N	20
15800E 17800N	30
15800E 17850N	35
15800E 17900N	45
15800E 17950N	60
16200E 15050N	220
16200E 15100N	150
16200E 15150N	115
16200E 15250N	65
16200E 15300N	120
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16200E 15350N	110
16200E 15400N	20
16200E 15450N	20
16200E 15500N	20
16200E 15550N	25
16200E 15650N	25
16200E 15700N	40
16200E 15750N	55
16200E 15900N	45
16200E 16100N	20
16200E 16150N	25
16200E 16200N	35
16200E 16250N	20
16200E 16300N	25
16200E 16350N	30
16200E 16400N	40
16200E 16450N	55
16200E 16500N	70
16200E 16550N	120
16200E 16600N	40
16200E 16650N	55
16200E 16700N	45
16200E 16750N	25
16200E 16800N	35
16200E 16850N	35
RE 16200E 16650N	70
16200E 16900N	40
16200E 16950N	30
16200E 17000N	30
16200E 17050N	45
16200E 17100N	45
16200E 17150N	35
16200E 17200N	145
16200E 17250N	75
16200E 17300N	60
16200E 17350N	20
16200E 17400N	25
STANDARD C	1350

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16200E 17450N	40
16200E 17500N	15
16200E 17550N	20
16200E 17600N	35
16200E 17650N	15
16200E 17700N	20
16200E 17750N	10
16200E 17800N	15
16200E 17850N	35
16200E 17950N	45
16600E 15000N	15
16600E 15050N	10
16600E 15100N	20
16600E 15150N	15
RE 16600E 15400N	35
16600E 15200N	45
16600E 15250N	40
16600E 15300N	55
16600E 15350N	35
16600E 15400N	45
16600E 15450N	25
16600E 15500N	65
16600E 15550N	30
16600E 15600N	35
16600E 15700N	315
16600E 15750N	40
16600E 15800N	30
16600E 15850N	20
16600E 15900N	30
16600E 15950N	20
16600E 16000N	30
16600E 16050N	20
16600E 16100N	30
16600E 16150N	50
16600E 16250N	85
16600E 16300N	95
16600E 16350N	45
STANDARD C	1550

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16600E 16400N	10
16600E 16450N	35
16600E 16500N	80
16600E 16550N	75
16600E 16600N	40
16600E 16650N	50
16600E 16700N	30
16600E 16750N	25
16600E 16800N	255
16600E 16850N	5
16600E 16900N	10
16600E 16950N	20
16600E 17000N	5
16600E 17050N	10
16600E 17100N	20
16600E 17150N	15
16600E 17200N	20
16600E 17250N	20
16600E 17300N	15
16600E 17350N	15
16600E 17400N	20
16600E 17450N	10
16600E 17500N	5
16600E 17550N	20
16600E 17600N	10
16600E 17650N	40
16600E 17700N	80
16600E 17750N	20
RE 16600E 17550N	15
16600E 17800N	115
16600E 17850N	40
16600E 17900N	40
16600E 17950N	30
16600E 18050N	40
16600E 18100N	40
16600E 18150N	65
16600E 18300N	35
STANDARD C	1500

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16600E 18350N	55
16600E 18400N	70
16600E 18500N	205
16600E 18550N	90
16600E 18600N	140
16600E 18700N	75
16600E 18800N	40
16600E 18850N	20
16600E 18900N	20
16600E 18950N	20
16600E 19000N	15
16600E 19050N	15
16600E 19100N	45
16600E 19150N	65
RE 16600E 19500N	40
16600E 19200N	30
16600E 19250N	40
16600E 19400N	25
16600E 19450N	30
16600E 19500N	30
17000E 15400N	30
17000E 15450N	35
17000E 15500N	20
17000E 15550N	25
17000E 15600N	50
17000E 15650N	20
17000E 15700N	50
17000E 15750N	40
17000E 15800N	30
17000E 15850N	35
17000E 15900N	20
17000E 15950N	45
17000E 16000N	65
17000E 16050N	75
17000E 16200N	75
17000E 16250N	85
17000E 16300N	70
STANDARD C	1300

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17000E 16350N	20
17000E 16400N	50
17000E 16450N	55
17000E 16550N	40
17000E 16600N	45
17000E 16650N	25
17000E 16700N	35
17000E 16750N	60
17000E 16800N	25
17000E 16850N	20
17000E 17000N	10
17000E 17050N	75
17000E 17100N	15
17000E 17150N	25
17000E 17200N	20
17000E 17250N	25
17000E 17300N	25
17000E 17350N	20
17000E 17400N	10
17000E 17450N	30
17000E 17500N	25
17000E 17550N	15
17000E 17600N	20
17000E 17650N	15
17000E 17700N	10
RE 17000E 17500N	20
17000E 17750N	10
17000E 17800N	30
17000E 17850N	15
17000E 17900N	20
17000E 18050N	60
17000E 18100N	35
17000E 18150N	35
17000E 18250N	40
17000E 18300N	40
17000E 18350N	25
17000E 18450N	30
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17000E 18500N	55
RE 17000E 18750N	15
17000E 18550N	15
17000E 18600N	20
17000E 18650N	145
17000E 18700N	100
17000E 18750N	20
17000E 18800N	5
17000E 18850N	10
17000E 18900N	5
17000E 18950N	30
17000E 19000N	20
17400E 15000N	15
17400E 15050N	5
17400E 15100N	20
17400E 15150N	5
17400E 15200N	60
17400E 15300N	15
17400E 15350N	10
17400E 15400N	10
17400E 15450N	5
17400E 15500N	110
17400E 15550N	35
17400E 15600N	55
17400E 15650N	10
17400E 15700N	5
17400E 15750N	30
17400E 15800N	15
17400E 15850N	20
17400E 15900N	25
17400E 15950N	5
17400E 16000N	10
17400E 16050N	20
17400E 16100N	15
17400E 16150N	15
17400E 16200N	45
17400E 16300N	15
STANDARD C	1500

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17400E 16350N	15
17400E 16400N	25
17400E 16450N	40
17400E 16500N	30
17400E 16550N	70
17400E 16600N	10
17400E 16650N	15
17400E 16700N	15
RE 17400E 16950N	25
17400E 16750N	40
17400E 16800N	35
17400E 16850N	20
17400E 16900N	55
17400E 16950N	30
17400E 17000N	25
17400E 17050N	15
17400E 17100N	55
17400E 17150N	40
17400E 17200N	40
17400E 17250N	30
17400E 17300N	55
17400E 17350N	75
17400E 17400N	60
17400E 17550N	55
17400E 17600N	50
17400E 17650N	45
17400E 17700N	25
17400E 17750N	55
17400E 17850N	50
17400E 17900N	20
17400E 17950N	45
17400E 18000N	10
17400E 18000N DUPLICATE	305
17400E 18100N	100
17400E 18150N	25
17400E 18200N	10
17400E 18250N	15
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17400E 18300N	35
17400E 18400N	80
17400E 18450N	30
17400E 18500N	85
17400E 18650N	75
17400E 18700N	100
17400E 18750N	65
17400E 18800N	25
17400E 18850N	335
17400E 18900N	355
17400E 18950N	90
17400E 19000N	25
RE 17800E 18250N	15
17800E 18050N	25
17800E 18100N	30
17800E 18150N	60
17800E 18200N	60
17800E 18250N	20
17800E 18300N	65
17800E 18350N	40
17800E 18500N	85
17800E 18550N	30
17800E 18600N	45
17800E 18650N	20
17800E 18700N	10
17800E 18750N	20
17800E 18800N	15
17800E 18850N	25
17800E 18900N	25
17800E 18950N	50
17800E 19000N	95
22000E 18050N	50
22000E 18100N	55
22000E 18150N	75
22000E 18250N	75
22000E 18300N	155
22000E 18350N	190
STANDARD C	1400

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
22000E 18400N	75
22000E 18450N	30
RE 22000E 18800N	130
22000E 18500N	10
22000E 18550N	25
22000E 18600N	10
22000E 18650N	195
22000E 18800N	115
22000E 18850N	100
22000E 18900N	160
22000E 18950N	105
22000E 19000N	30
22000E 19050N	15
22000E 19150N	45
22000E 19200N	35
22000E 19250N	365
22000E 19300N	530
22000E 19350N	160
24700E 17000N	10
24700E 17050N	15
24700E 17100N	25
24700E 17150N	30
24700E 17200N	20
24700E 17250N	140
24700E 17300N	140
24700E 17350N	10
24700E 17400N	20
24700E 17450N	10
24700E 17500N	35
24700E 17550N	15
24700E 17600N	60
24700E 17650N	85
24700E 17700N	690
24700E 17750N	200
24700E 17800N	185
24700E 17850N	165
24700E 17900N	35
STANDARD C	1400

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
24700E 17950N	110
24700E 18000N	60
24800E 17000N	200
24800E 17050N	20
24800E 17100N	25
24800E 17150N	10
24800E 17200N	255
24800E 17250N	10
24800E 17300N	15
24800E 17350N	25
24800E 17400N	15
24800E 17550N	15
24800E 17600N	30
24800E 17650N	25
24800E 17700N	75
24800E 17900N	145
24800E 17950N	25
24800E 18000N	130
24900E 17000N	30
24900E 17050N	25
24900E 17100N	25
24900E 17150N	25
24900E 17200N	30
24900E 17250N	30
24900E 17300N	20
24900E 17350N	40
24900E 17400N	10
24900E 17450N	45
24900E 17500N	35
24900E 17550N	60
24900E 17600N	20
RE 24900E 17400N	10
24900E 17650N	30
24900E 17700N	50
24900E 17750N	100
24900E 17800N	1200
24900E 17850N	555
STANDARD C	1500

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
24900E 17900N	105
24900E 17950N	315
24900E 18000N	110
25100E 17000N	120
25100E 17050N	85
25100E 17100N	100
25100E 17150N	120
25100E 17200N	110
25100E 17250N	75
25100E 17300N	165
25100E 17350N	150
25100E 17400N	110
RE 25100E 17650N	220
25100E 17450N	185
25100E 17500N	160
25100E 17550N	155
25100E 17600N	215
25100E 17650N	220
25100E 17700N	135
25100E 17900N	40
25100E 17950N	140
25200E 17000N	145
25200E 17050N	65
25200E 17100N	65
25200E 17200N	55
25200E 17250N	25
25200E 17300N	250
25200E 17350N	20
25200E 17400N	245
25200E 17450N	95
25200E 17500N	275
25200E 17550N	520
25200E 17600N	740
25200E 17650N	345
25200E 17700N	165
25200E 17750N	90
25200E 17800N	30
25200E 17850N	15
STANDARD C	1700

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
25200E 17900N	10
25200E 17950N	25
25400E 17000N	440
25400E 17050N	65
25400E 17100N	90
25400E 17150N	40
25400E 17200N	15
25400E 17250N	30
25400E 17300N	100
25400E 17350N	45
25400E 17400N	225
25400E 17450N	85
25400E 17500N	260
25400E 17550N	210
25400E 17600N	220
25400E 17650N	60
25400E 17700N	15
25400E 17800N	10
25400E 17850N	125
RE 25400E 17600N	260
25400E 17900N	35
STANDARD C	1650

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No BREWERY CK. – 327 | **Geol.:** B.B. | **Date received:** SEP. 04 | **LAB CODE:** 9109–029
Material: 277 SOILS | **Sheet:** 1 of 7 | **Date completed:** OCT. 01
Remarks: *Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

*Sb – Aqua Regia/Tartaric acid /AA

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	14200E–18050N	5	0.2	2.91	8	431	0.6	5	0.38	0.2	52	8	35	20	2.71	0.27	26	18	0.38	260	1	0.04	19	0.03	4	1	43	0.17	84	45
3	18100	5	0.2	3.03	3	513	0.8	5	0.36	0.2	55	10	36	22	2.90	0.33	28	18	0.45	309	1	0.04	21	0.03	4	1	45	0.16	86	55
4	18150	5	0.2	3.16	7	652	0.8	5	0.50	0.2	60	11	37	21	2.73	0.37	30	21	0.45	611	1	0.05	20	0.04	6	1	56	0.19	95	57
5	18200	5	0.2	3.05	13	688	0.9	5	0.78	0.2	64	11	37	30	3.33	0.49	32	21	0.62	406	1	0.06	25	0.09	6	2	69	0.19	105	78
6	14200E–18250N	5	0.2	3.15	8	673	0.9	5	0.74	0.2	64	10	41	26	3.04	0.54	31	21	0.61	327	1	0.06	21	0.09	.6	1	69	0.19	106	77
7	14200E–18300N	5	0.2	2.66	9	744	0.8	5	0.79	0.2	72	11	43	31	2.75	0.41	34	18	0.47	887	2	0.06	29	0.08	5	2	58	0.16	89	62
8	18350	5	0.2	3.04	11	746	0.9	5	0.80	0.2	66	11	44	34	3.17	0.59	33	21	0.66	461	2	0.07	28	0.09	7	1	69	0.17	107	86
9	18400	5	0.2	3.23	12	493	0.7	5	0.48	0.2	60	9	46	14	3.06	0.39	31	22	0.47	302	1	0.04	19	0.08	7	1	49	0.18	98	124
10	18450	5	0.2	5.13	16	760	1.5	5	0.20	0.2	79	16	48	37	4.30	0.54	43	53	0.98	242	1	0.03	44	0.14	13	1	38	0.17	128	115
11	14200E–18500N	5	0.2	2.97	2	539	0.6	5	0.48	0.2	53	9	41	17	2.76	0.32	27	19	0.44	293	1	0.04	18	0.06	7	2	54	0.17	95	91
12	14200E–18550N	5	0.2	3.20	4	647	0.7	5	0.43	0.2	56	13	40	14	3.13	0.38	28	25	0.45	916	1	0.04	19	0.11	7	2	50	0.18	101	187
13	18600	5	0.2	2.66	9	459	0.5	5	0.37	0.2	52	6	34	10	2.54	0.31	27	17	0.41	222	1	0.04	15	0.03	5	1	45	0.16	84	44
14	18650	5	0.2	4.34	14	1212	1.2	5	0.32	0.2	73	10	32	38	3.36	0.70	39	23	0.46	271	1	0.05	28	0.04	7	2	59	0.16	131	81
15	18700	5	0.2	2.75	7	635	0.6	5	0.52	0.2	76	6	36	15	2.20	0.45	38	16	0.37	183	1	0.04	15	0.06	5	1	54	0.17	89	51
16	14200E–18750N	5	0.2	2.66	9	491	0.7	5	0.41	0.2	56	7	34	17	2.42	0.31	27	17	0.42	226	1	0.04	17	0.04	4	1	45	0.16	81	49
17	14200E–18800N	5	0.2	2.86	7	528	0.7	5	0.44	0.2	64	7	36	18	2.42	0.39	32	17	0.43	180	1	0.04	18	0.04	8	4	48	0.16	87	52
18	18850	5	0.2	2.87	10	653	0.9	5	0.63	0.2	86	10	49	27	2.88	0.47	42	17	0.45	363	1	0.05	24	0.07	9	2	59	0.18	96	65
19	18900	5	0.2	3.76	11	971	1.0	5	0.53	0.5	67	15	44	28	3.29	0.58	32	21	0.50	778	1	0.05	28	0.07	10	2	61	0.16	112	78
20	18950	5	0.2	2.94	4	725	0.7	5	0.45	0.2	70	6	43	18	2.05	0.48	32	21	0.40	167	1	0.04	16	0.04	9	2	52	0.15	92	50
21	14200E–19000N	5	0.2	2.40	17	593	1.1	5	0.37	0.4	62	10	40	25	2.01	0.36	36	18	0.37	202	2	0.03	20	0.04	11	1	45	0.14	88	49
22	14200E–19050N	5	0.2	2.75	7	657	0.8	5	0.53	0.2	56	9	40	26	2.61	0.53	28	18	0.51	395	1	0.05	23	0.06	4	1	53	0.14	96	69
23	19150	5	0.2	2.80	15	774	0.9	5	0.80	0.2	61	10	37	26	3.19	0.54	30	19	0.57	437	2	0.06	25	0.08	6	1	69	0.16	105	71
24	19200	5	0.2	2.78	14	652	0.9	5	0.70	0.2	68	10	37	30	2.78	0.43	32	19	0.53	385	2	0.05	25	0.05	8	1	57	0.16	105	66
25	19250	5	0.2	2.43	11	558	0.8	5	0.57	0.2	65	8	42	21	2.49	0.41	31	16	0.48	308	2	0.04	21	0.04	7	1	50	0.16	91	52
26	14200E–19300N	5	0.2	2.21	12	496	0.7	5	0.50	0.2	60	8	37	16	2.34	0.32	29	14	0.43	274	3	0.04	19	0.05	7	2	46	0.15	80	45
27	14200E–19350N	5	0.2	2.31	11	559	0.7	5	0.66	0.3	69	7	39	24	2.17	0.32	32	14	0.38	229	1	0.04	19	0.07	10	1	55	0.16	84	51
28	19400	5	0.2	2.71	18	578	0.8	5	0.74	0.2	68	10	41	28	2.69	0.36	31	17	0.48	417	1	0.05	24	0.06	10	1	62	0.16	90	52
29	19450	5	0.2	2.54	12	498	0.8	5	0.75	0.2	64	10	41	24	2.51	0.36	28	15	0.43	406	1	0.04	20	0.06	11	1	60	0.14	83	49
30	19500	5	0.2	3.09	18	610	0.9	5	0.75	0.3	68	11	49	33	2.89	0.46	31	18	0.51	430	2	0.05	26	0.07	11	2	63	0.15	97	60
31	14200E–19550N	5	0.2	2.68	4	594	0.8	5	0.58	0.2	56	10	44	30	2.66	0.41	27	16	0.45	391	1	0.04	24	0.06	8	1	54	0.12	88	56
32	14200E–19600N	5	0.2	2.73	5	611	0.8	5	0.79	0.2	54	8	44	35	2.48	0.34	25	16	0.46	361	1	0.04	24	0.07	7	2	65	0.13	85	51
33	19650	5	0.2	2.95	10	583	0.9	5	0.64	0.2	59	9	42	30	2.71	0.40	28	18	0.50	316	1	0.05	22	0.05	7	1	56	0.14	93	54
34	19700	5	0.2	3.09	5	666	1.0	5	1.04	0.2	64	11	44	44	2.79	0.35	29	18	0.57	427	2	0.06	33	0.08	10	1	80	0.15	96	59
35	19750	5	0.2	3.11	11	648	0.8	5	0.75	0.2	62	10	43	24	2.85	0.36	28	19	0.59	365	1	0.05	24	0.05	10	1	64	0.16	99	60
36	14200E–19800N	5	0.2	2.93	12	689	0.9	5	0.79	0.2	69	11	44	36	2.84	0.33	33	18	0.56	441	2	0.05	28	0.06	11	2	65	0.16	93	66

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T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	14200E-19850N	5	0.2	2.99	11	656	0.9	5	0.76	0.2	64	10	40	33	2.79	0.42	30	19	0.58	298	1	0.05	26	0.05	11	1	65	0.16	95	58
38	19900	5	0.2	2.84	10	655	0.8	5	0.63	0.2	66	9	44	22	2.64	0.34	31	17	0.53	266	2	0.04	21	0.04	10	1	55	0.16	91	57
39	19950	5	0.2	3.12	12	656	0.8	5	0.67	0.2	65	10	48	21	2.73	0.44	29	19	0.58	274	1	0.05	24	0.04	11	2	61	0.16	97	57
40	20000	5	0.2	2.93	8	564	0.7	5	0.48	0.2	64	9	47	21	2.56	0.41	28	17	0.49	236	1	0.04	20	0.03	10	2	51	0.14	91	52
41	14200E-20050N	5	0.2	2.72	13	574	1.2	5	0.43	0.6	68	13	42	30	2.38	0.47	38	21	0.45	292	1	0.05	23	0.04	11	1	52	0.14	95	58
42	14200E-20100N	5	0.2	2.79	6	596	0.7	5	0.52	0.2	61	7	38	19	2.26	0.44	30	16	0.47	214	1	0.05	19	0.04	7	1	55	0.16	91	45
43	20150	5	0.2	3.29	4	1090	0.8	5	0.36	0.2	59	6	37	18	2.14	0.64	30	14	0.42	170	2	0.04	15	0.05	8	4	56	0.15	132	42
44	20200	5	0.6	3.51	8	1640	1.1	5	0.51	0.2	71	10	44	31	2.44	0.72	37	18	0.50	273	4	0.05	23	0.07	10	6	80	0.17	207	52
45	20250 *	5	2.0	6.66	2	3376	1.8	5	0.38	0.2	67	7	49	41	2.59	1.58	34	20	0.55	115	4	0.06	31	0.11	19	4	113	0.12	290	44
46	14200E-20300N	5	0.2	3.29	5	925	0.8	5	0.26	0.2	60	5	32	15	1.79	0.83	30	13	0.34	150	1	0.03	14	0.04	10	1	55	0.13	95	39
47	14200E-20350N	5	0.2	2.55	2	656	0.6	5	0.30	0.2	57	5	36	11	1.81	0.53	27	12	0.31	162	1	0.03	13	0.03	8	1	53	0.13	91	34
48	20400	5	0.2	2.64	5	549	0.6	5	0.36	0.2	50	7	40	12	2.25	0.41	24	14	0.40	251	1	0.04	14	0.03	8	1	45	0.15	91	43
49	20450	5	0.2	2.63	2	609	0.7	5	0.37	0.2	59	5	39	14	1.84	0.55	29	13	0.39	182	1	0.04	13	0.03	8	1	49	0.13	83	34
51	20500	5	0.2	2.28	5	505	0.5	5	0.31	0.2	46	6	31	10	1.88	0.28	23	13	0.30	224	1	0.03	12	0.03	9	1	44	0.13	75	44
52	14200E-20550N	5	0.2	2.59	8	389	0.6	5	0.32	0.2	46	6	30	13	2.36	0.33	23	16	0.42	216	1	0.04	14	0.03	6	1	41	0.15	79	44
53	14200E-20600N	5	0.2	2.39	10	452	0.6	5	0.34	0.2	47	5	28	14	2.12	0.34	24	14	0.37	197	1	0.04	12	0.02	3	1	42	0.15	77	40
54	20650	5	0.2	2.61	4	512	0.7	5	0.41	0.2	61	6	31	19	2.30	0.41	31	15	0.42	176	1	0.04	16	0.04	4	1	48	0.16	83	43
55	20700	5	0.2	2.35	7	539	0.6	5	0.46	0.2	57	6	29	19	2.08	0.39	27	14	0.41	215	1	0.04	15	0.04	2	1	48	0.15	79	42
56	20750	5	0.2	2.36	6	545	0.7	5	0.52	0.2	59	7	32	21	2.21	0.36	27	15	0.44	214	1	0.04	18	0.05	6	2	50	0.16	80	47
57	14200E-20800N	5	0.2	2.57	8	625	0.7	5	0.63	0.2	62	8	38	18	2.23	0.36	28	16	0.45	294	2	0.05	19	0.06	6	1	59	0.16	85	51
58	14200E-20850N	5	0.2	3.06	10	821	0.8	5	0.59	0.2	67	9	40	27	2.73	0.51	30	18	0.50	337	2	0.05	23	0.07	9	1	60	0.17	100	61
59	20900	5	0.2	2.39	9	544	0.6	5	0.49	0.2	65	7	39	17	2.10	0.39	30	14	0.40	209	1	0.04	16	0.05	5	1	50	0.14	79	45
60	20950	5	0.2	2.38	10	522	0.6	5	0.52	0.2	60	6	38	18	2.06	0.39	28	15	0.42	198	1	0.04	16	0.06	4	1	51	0.14	78	44
61	14200E-21000N	5	0.2	3.26	16	1003	1.2	5	0.50	0.4	75	12	46	33	2.64	0.48	40	21	0.45	263	2	0.05	23	0.06	13	1	62	0.16	124	59
62	14600E-15650N*¤	5	0.2	0.18	9	193	0.2	5	4.85	0.4	18	3	6	12	0.36	6.00	3	3	0.29	1302	3	0.02	4	0.08	2	1	184	0.01	14	25
63	14600E-15700N	5	0.2	2.92	10	705	0.9	5	0.55	0.2	69	8	28	29	2.68	0.62	34	22	0.56	285	1	0.05	24	0.06	6	2	52	0.14	88	71
64	15750	5	0.2	2.73	5	698	0.8	5	0.54	0.2	69	8	27	25	2.41	0.58	33	20	0.51	244	1	0.06	22	0.07	8	1	53	0.14	85	67
65	15800	5	0.2	3.07	11	713	1.0	5	0.47	0.2	73	9	28	29	2.77	0.68	36	22	0.54	317	1	0.05	24	0.07	9	1	50	0.14	93	74
66	15850	5	0.2	3.14	15	814	0.9	5	0.55	0.2	70	10	35	26	2.87	0.58	33	22	0.53	335	1	0.05	28	0.05	9	1	55	0.17	98	73
67	14600E-15900N	5	0.2	3.85	10	1213	1.3	5	0.57	0.2	75	11	40	44	3.17	0.50	39	30	0.53	694	1	0.05	37	0.07	12	1	53	0.17	115	84
68	14600E-15950N	5	0.2	3.42	8	896	1.0	5	0.73	0.2	75	11	40	24	3.06	0.67	36	23	0.53	291	1	0.05	27	0.08	13	1	60	0.17	105	75
69	16000	5	0.4	3.13	9	1168	0.9	5	0.87	0.7	67	10	40	30	2.71	0.50	30	21	0.45	487	2	0.05	28	0.07	11	1	67	0.13	93	76
70	16050	5	0.2	2.55	14	1027	0.9	5	1.63	0.7	66	11	38	37	2.34	0.42	25	18	0.47	723	2	0.06	29	0.10	11	2	93	0.13	85	82
71	16100	5	0.2	2.82	2	1085	0.7	5	0.41	0.2	59	8	38	23	2.24	0.53	32	18	0.44	583	1	0.03	22	0.06	6	1	44	0.14	90	63
72	14600E-16150N	5	0.2	2.42	6	580	0.6	5	0.44	0.2	53	8	34	20	2.12	0.36	26	22	0.43	227	1	0.04	19	0.03	5	2	44	0.15	79	54
73	14600E-16200N	5	0.2	2.53	8	457	0.6	5	0.42	0.2	49	8	34	12	2.40	0.36	24	16	0.42	360	1	0.04	16	0.05	4	1	43	0.16	80	66
74	16250	5	0.2	2.31	9	543	0.6	5	0.51	0.2	57	9	36	16	2.30	0.33	27	16	0.43	478	1	0.04	18	0.04	5	1	50	0.19	87	52
75	16300	5	0.2	2.51	7	900	0.7	5	0.51	0.2	57	12	35	26	2.49	0.29	26	17	0.42	973	2	0.05	24	0.09	7	1	51	0.17	88	52
76	16350	5	0.2	3.31	12	857	0.9	5	0.52	0.6	59	16	37	29	3.19	0.45	28	20	0.51	939	1	0.05	28	0.10	12	1	55	0.17	105	82
77	14600E-16400N	5	0.2	2.39	8	714	0.5	5	0.72	0.3	52	11	33	15	2.30	0.27	23	15	0.40	830	1	0.04	18	0.06	8	1	55	0.16	80	59
78	14600E-16450N	5	0.2	2.78	8	841	0.6	5	0.72	0.3	55	14	37	20	2.68	0.22	23	16	0.47	1185	1	0.06	24	0.05	12	1	54	0.19	94	77
79	16500	5	0.6	2.65	14	884	0.7	5	0.67	0.2	59	10	39	21	2.54	0.35	26	16	0.48	861	1	0.05	25	0.06	11	4	57	0.16	88	60
80	16550	5	0.4	2.52	12	786	0.6	5	0.62	0.2	56	10	42	18	2.46	0.33	26	15	0.46	576	1	0.04	22	0.05	10	2	53	0.14	81	53
81	16600	5	0.2	3.08	18	552	1.1	5	0.52	0.5	55	14	45	33	2.89	0.38	30	23	0.56	488	2	0.05	28	0.04	12	1	54	0.16	108	67
82	14600E-16650N	5	0.2	2.83	7	489	0.7	5	0.54	0.2	56	8	38	19	2.48	0.43	27	19	0.52	236	1	0.05	19	0.04	8	1	58	0.18	92	53

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
83	14600E-16700N	5	0.2	2.79	10	668	0.8	5	0.75	0.8	61	10	39	24	2.69	0.53	28	19	0.57	496	1	0.06	24	0.08	9	2	60	0.15	98	91
84	16750	5	0.2	2.44	8	491	0.6	5	0.52	0.2	59	9	35	13	2.36	0.34	27	18	0.45	248	1	0.04	19	0.04	8	1	51	0.17	81	59
85	16800	5	0.2	2.72	7	626	0.7	5	0.34	0.2	55	14	38	17	2.59	0.32	25	19	0.38	1385	1	0.04	20	0.07	9	1	38	0.15	85	118
86	16850	5	0.2	2.87	8	652	0.7	5	0.35	0.2	57	10	39	20	2.61	0.31	27	17	0.44	365	1	0.04	22	0.03	9	1	43	0.15	86	56
87	14600E-16900N	5	0.2	2.50	10	425	0.7	5	0.36	0.2	55	8	36	15	2.32	0.25	26	17	0.38	210	1	0.04	18	0.03	10	1	40	0.15	79	46
88	14600E-16950N	5	0.2	2.68	8	433	0.7	5	0.41	0.2	63	7	38	18	2.21	0.41	29	17	0.44	183	1	0.04	17	0.04	9	1	44	0.14	77	46
89	17000	5	0.2	2.47	10	508	0.6	5	0.36	0.2	54	8	40	16	2.26	0.27	24	15	0.37	218	1	0.04	20	0.05	9	2	42	0.15	80	61
90	17050	20	0.2	2.39	9	392	0.5	5	0.32	0.2	52	5	38	15	1.93	0.26	24	13	0.32	142	1	0.04	15	0.05	10	1	39	0.14	76	37
91	17100	5	0.2	2.53	5	389	0.6	5	0.33	0.2	44	6	37	14	2.10	0.28	23	15	0.37	168	1	0.03	17	0.03	8	1	38	0.13	73	45
92	14600E-17150N	5	0.2	2.85	4	468	0.6	5	0.38	0.2	52	6	33	20	2.16	0.37	26	16	0.37	133	1	0.04	16	0.07	5	2	43	0.15	77	47
93	14600E-17200N	5	0.2	2.70	3	412	0.6	5	0.38	0.2	54	6	32	16	1.72	0.43	28	16	0.34	125	1	0.04	14	0.06	4	1	43	0.15	70	57
94	17250	5	0.2	2.52	2	384	0.6	5	0.36	0.2	54	5	28	11	1.49	0.46	27	15	0.33	127	1	0.04	16	0.05	4	1	42	0.16	70	49
95	17300	5	0.2	1.34	2	262	0.3	5	0.22	0.2	28	3	22	10	0.77	0.24	12	5	0.13	59	1	0.05	8	0.04	2	1	28	0.05	32	33
96	17350	5	0.2	2.52	8	450	0.7	5	0.43	0.5	60	7	34	19	1.69	0.46	29	14	0.33	142	1	0.04	20	0.11	7	1	48	0.15	76	59
97	14600E-17400N	5	0.2	2.38	5	408	0.6	5	0.41	0.3	58	6	35	17	1.60	0.44	28	13	0.31	132	1	0.04	18	0.10	6	1	45	0.15	72	54
98	14600E-17500N	5	0.2	3.12	11	541	0.7	5	0.46	0.2	50	7	39	20	2.73	0.41	25	17	0.44	181	1	0.04	20	0.07	8	2	46	0.16	94	56
99	17550	5	0.2	2.65	8	483	0.7	5	0.39	0.2	57	7	38	19	2.38	0.47	27	16	0.43	192	1	0.04	20	0.05	7	1	41	0.13	77	60
101	17600	5	0.2	2.89	18	575	1.1	5	0.43	0.6	63	14	38	30	2.66	0.37	35	21	0.41	293	2	0.04	24	0.07	13	1	47	0.15	94	67
102	17650	5	0.2	3.10	15	556	0.8	5	0.41	0.2	58	10	30	25	2.79	0.38	29	19	0.44	242	1	0.04	22	0.07	10	1	44	0.17	91	62
103	14600E-17700N	10	0.2	2.96	12	569	0.8	5	0.40	0.3	61	9	30	27	2.66	0.35	30	16	0.36	209	1	0.05	21	0.07	13	1	42	0.17	86	50
104	14600E-17750N	5	0.2	3.22	10	578	0.8	5	0.54	0.2	64	10	28	24	2.75	0.43	30	20	0.49	267	1	0.06	23	0.07	13	4	52	0.19	94	71
105	17800	5	0.2	3.05	16	599	0.9	5	0.59	0.3	71	11	34	30	2.98	0.50	34	20	0.53	311	1	0.05	23	0.07	13	4	53	0.17	92	66
106	17850	5	0.2	2.91	18	584	0.8	5	0.63	0.3	66	9	34	22	2.64	0.41	31	19	0.48	244	2	0.05	21	0.07	12	2	54	0.17	91	60
107	17900	5	0.2	3.34	15	513	0.9	5	0.56	0.2	67	9	34	29	2.96	0.37	32	19	0.49	232	1	0.05	22	0.06	13	1	54	0.19	97	59
108	14600E-17950N	5	0.2	3.08	15	670	0.9	5	0.63	0.2	69	10	39	30	3.00	0.51	33	19	0.54	309	2	0.05	27	0.07	14	1	54	0.16	95	73
109	14600E-18000N	5	0.2	3.12	14	620	0.8	5	0.58	0.2	70	10	42	23	2.82	0.49	33	20	0.52	311	1	0.05	22	0.06	12	1	52	0.16	91	67
110	18050	5	0.2	3.27	14	624	0.8	5	0.54	0.2	67	10	45	23	2.94	0.50	32	20	0.50	329	2	0.05	21	0.07	11	1	52	0.16	96	69
111	18100	5	0.2	3.21	9	660	0.8	5	0.53	0.2	63	8	41	26	2.73	0.48	32	20	0.45	234	1	0.05	23	0.07	10	1	55	0.15	90	63
112	18150	5	0.2	1.98	2	510	0.6	5	0.44	0.4	51	3	29	25	1.06	0.26	24	9	0.19	100	1	0.04	15	0.08	5	2	47	0.08	47	32
113	14600E-18200N	5	0.2	2.88	6	528	0.8	5	0.50	0.2	66	8	29	27	2.51	0.40	33	17	0.45	254	1	0.04	20	0.06	7	1	50	0.16	83	67
114	14600E-18250N	5	0.2	3.08	8	609	0.8	5	0.53	0.2	63	9	33	22	2.77	0.51	31	20	0.50	260	1	0.05	24	0.07	9	1	51	0.17	92	72
115	18300	5	0.2	2.88	12	561	0.8	5	0.62	0.2	61	10	34	25	2.81	0.37	29	17	0.48	310	1	0.05	23	0.07	8	1	55	0.18	87	68
116	18350	5	0.2	2.55	10	472	0.7	5	0.47	0.2	63	8	32	22	2.52	0.41	30	16	0.43	215	1	0.04	19	0.06	9	2	44	0.15	77	51
117	18400	5	0.2	2.87	6	564	0.8	5	0.56	0.2	67	9	32	25	2.54	0.38	31	18	0.47	256	1	0.05	22	0.07	10	1	51	0.16	87	69
118	14600E-18450N	5	0.2	3.02	13	496	0.7	5	0.37	0.2	58	8	33	25	2.77	0.50	29	18	0.41	156	1	0.04	21	0.06	9	1	39	0.14	84	62
119	14600E-18500N	5	0.2	2.32	2	369	0.5	5	0.30	0.2	57	4	34	10	1.45	0.52	28	12	0.30	120	1	0.04	11	0.04	5	2	36	0.14	65	42
120	18550	5	0.2	2.93	13	774	0.8	5	0.48	0.2	69	8	41	24	2.43	0.65	34	18	0.44	172	1	0.05	23	0.07	7	1	51	0.13	92	76
121	18600	5	0.2	2.22	13	665	1.1	5	0.44	0.4	70	10	40	30	2.03	0.46	38	18	0.36	199	1	0.04	19	0.06	11	2	49	0.11	83	54
122	18650	5	0.2	2.41	9	699	0.8	5	0.74	0.2	64	10	43	28	2.41	0.36	30	15	0.41	267	1	0.04	23	0.08	7	1	63	0.13	82	51
123	14600E-18700N	5	0.2	2.87	11	953	0.8	5	0.67	0.3	57	8	43	28	2.49	0.47	26	16	0.39	273	1	0.05	22	0.09	9	1	61	0.12	89	62
124	14600E-18750N	5	0.2	2.68	10	843	0.8	5	0.64	0.3	57	8	42	24	2.40	0.45	27	16	0.39	277	1	0.04	21	0.09	10	2	57	0.12	84	59
125	18800	5	0.2	3.06	14	855	0.9	5	0.54	0.2	67	9	44	27	2.78	0.53	32	19	0.44	231	1	0.05	22	0.06	10	1	52	0.13	96	61
126	18850	5	0.2	3.17	10	768	0.8	5	0.52	0.2	63	9	46	20	2.78	0.53	30	18	0.46	261	2	0.04	21	0.06	11	2	53	0.14	101	65
127	18900	5	0.2	2.69	9	813	0.8	5	0.66	0.2	65	11	40	33	2.62	0.38	30	16	0.42	490	1	0.04	28	0.09	11	1	57	0.13	86	52
128	14600E-18950N	5	0.2	2.53	13	486	0.7	5	0.46	0.2	62	7	31	21	2.36	0.38	28	17	0.40	232	1	0.03	17	0.06	9	1	44	0.13	78	53

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
129	14600E-19000N	5	0.2	2.92	12	554	0.8	5	0.57	0.2	63	8	40	27	2.72	0.46	30	18	0.45	233	1	0.04	21	0.07	12	1	52	0.15	95	67
130	19100	5	0.2	2.48	10	625	1.0	5	0.92	0.3	67	10	45	34	2.25	0.31	30	16	0.42	305	1	0.04	27	0.09	11	1	70	0.12	82	49
131	19150	5	0.2	2.70	8	593	0.8	5	0.73	0.2	55	9	43	26	2.45	0.42	27	17	0.49	331	1	0.05	22	0.06	10	1	62	0.13	88	61
132	19200	5	0.2	1.64	8	644	0.7	5	1.82	0.2	46	6	26	31	1.53	0.21	17	10	0.35	455	1	0.04	23	0.10	5	1	113	0.08	50	37
133	14600E-19250N	5	0.2	2.44	5	566	0.7	5	0.63	0.2	58	8	41	25	2.25	0.40	28	15	0.44	216	1	0.04	20	0.07	5	2	55	0.13	79	49
134	14600E-19300N	5	0.2	2.50	9	590	0.7	5	0.65	0.2	60	8	40	26	2.38	0.41	29	16	0.46	242	1	0.04	21	0.07	5	1	56	0.13	82	52
135	19350	5	0.2	2.31	12	562	0.7	5	1.20	0.2	58	10	38	27	2.34	0.34	25	15	0.43	574	1	0.04	22	0.09	4	1	82	0.12	75	46
136	19400	5	0.2	1.97	7	433	0.5	5	0.79	0.2	60	6	35	16	1.98	0.32	27	12	0.40	252	1	0.04	15	0.08	2	1	63	0.13	73	45
137	19450	5	0.2	2.34	10	617	0.6	5	1.33	0.2	56	10	37	25	2.15	0.35	23	15	0.42	751	2	0.04	22	0.11	5	1	97	0.12	79	44
138	14600E-19500N *¤	5	0.2	0.51	8	460	0.3	5	2.79	0.8	27	5	8	18	0.51	0.07	6	3	0.26	977	4	0.02	12	0.09	2	1	165	0.02	19	42
139	14600E-19550N	5	0.2	2.59	11	984	0.8	5	1.91	0.3	52	11	34	28	1.68	0.37	20	13	0.39	791	2	0.05	24	0.11	7	4	137	0.08	74	41
140	19600	5	0.2	3.36	12	945	0.9	5	0.78	0.2	61	11	49	34	2.62	0.56	28	17	0.49	386	1	0.04	29	0.07	9	1	72	0.12	97	54
141	19650 *	5	0.2	5.79	8	1866	2.1	5	0.56	1.2	68	13	67	75	2.80	1.14	38	21	0.48	240	3	0.06	43	0.10	19	1	74	0.09	151	69
142	19700	5	0.2	3.44	11	889	0.8	5	0.39	0.2	60	6	47	19	2.06	0.86	30	15	0.43	161	1	0.04	17	0.06	9	1	52	0.11	101	45
143	14600E-19750N	5	0.2	4.80	5	1686	1.4	5	0.37	0.2	63	10	54	43	2.92	1.22	31	15	0.44	260	3	0.04	27	0.09	18	4	62	0.10	131	51
144	14600E-19800N	5	0.2	5.27	7	1990	1.4	5	0.29	0.5	67	16	53	43	2.98	1.42	33	15	0.42	441	3	0.04	28	0.10	20	2	64	0.09	146	53
145	19850 *	5	0.8	7.25	3	2854	1.7	5	0.27	0.8	64	42	65	41	2.47	2.01	31	17	0.50	1395	2	0.04	37	0.10	20	1	69	0.07	188	60
146	19900 *	5	1.2	5.91	4	2270	1.7	5	0.27	0.6	70	13	58	50	2.19	1.52	34	12	0.39	364	3	0.05	34	0.12	25	1	63	0.08	154	64
147	19950 *	5	0.2	6.02	2	2037	1.5	5	0.22	0.3	79	9	56	31	2.11	1.62	40	14	0.41	263	1	0.05	20	0.08	24	1	87	0.09	145	56
148	14600E-20000N	5	0.6	5.53	7	2109	1.4	5	0.24	0.3	76	8	52	35	2.32	1.46	38	12	0.37	236	2	0.04	26	0.12	24	1	89	0.07	120	64
152	14600E-20050N *	5	1.6	5.59	2	2197	1.5	5	0.23	0.6	64	8	43	40	1.96	1.25	32	12	0.36	241	2	0.05	24	0.11	22	1	70	0.11	132	63
153	20100	5	0.2	3.50	2	668	0.8	5	0.21	0.2	63	5	31	13	1.87	0.77	32	10	0.26	123	1	0.03	12	0.04	26	1	47	0.14	86	48
154	20150	5	1.0	2.98	3	1173	0.8	5	0.18	0.2	49	3	33	15	1.68	0.72	27	14	0.27	90	6	0.03	8	0.04	8	1	66	0.11	265	29
155	20200	5	0.4	2.18	2	810	0.4	5	0.32	0.2	56	3	38	6	1.28	0.40	27	6	0.19	126	1	0.04	6	0.04	10	1	55	0.17	105	31
156	14600E-20250N	5	0.6	2.82	2	1248	0.6	5	0.36	4.8	56	15	34	18	1.97	0.50	26	13	0.31	3306	1	0.08	15	0.07	10	1	45	0.17	80	130
157	14600E-20300N	5	0.2	2.30	3	550	0.5	5	0.30	0.2	65	4	30	9	1.47	0.48	31	8	0.20	153	1	0.03	9	0.03	7	1	52	0.15	75	36
158	20350	5	0.4	2.73	7	586	0.6	5	0.36	0.2	56	7	40	13	2.14	0.36	26	14	0.37	207	1	0.04	13	0.03	9	1	45	0.18	100	45
159	20400	5	0.2	3.07	9	873	0.8	5	0.29	0.2	56	5	33	13	1.80	0.61	28	16	0.37	131	2	0.05	13	0.03	8	2	48	0.13	97	35
160	20450	5	0.2	2.78	8	1120	0.8	5	0.47	0.2	69	8	41	23	2.11	0.57	32	17	0.43	224	2	0.05	19	0.05	8	2	56	0.15	103	46
161	14600E-20500N	10	0.2	3.37	9	1290	0.9	5	0.55	0.2	67	9	48	28	2.69	0.65	33	19	0.51	283	1	0.05	21	0.05	9	1	62	0.17	116	57
162	14600E-20550N	5	0.2	2.74	3	858	0.7	5	0.46	0.2	63	6	43	22	2.11	0.49	31	17	0.43	195	1	0.04	15	0.06	7	1	53	0.15	93	42
163	20600	5	0.4	3.33	2	1266	0.8	5	0.42	0.2	59	6	47	21	2.18	0.55	28	16	0.37	155	2	0.05	16	0.08	6	1	57	0.16	159	42
164	20650	5	0.6	3.84	4	1146	0.9	5	0.40	0.2	54	8	46	22	2.59	0.58	27	19	0.47	200	1	0.05	21	0.08	7	1	59	0.17	156	52
165	20700	5	0.4	2.74	10	615	0.6	5	0.42	0.2	56	6	35	12	2.12	0.40	26	16	0.41	166	2	0.04	14	0.05	7	1	48	0.16	114	41
166	14600E-20750N *	5	1.6	3.93	10	1370	1.0	5	0.67	0.5	58	15	45	31	2.77	0.55	26	17	0.48	537	4	0.05	29	0.10	12	6	79	0.16	239	60
167	14600E-20800N	5	0.2	2.79	8	631	0.7	5	0.53	0.2	61	9	37	19	2.50	0.40	28	16	0.47	262	2	0.05	18	0.06	7	1	55	0.18	104	49
168	20850	5	0.2	3.18	11	865	0.9	5	0.66	0.2	74	9	38	24	2.72	0.54	34	19	0.53	289	1	0.05	21	0.07	11	1	69	0.20	118	59
169	20900	5	0.2	2.96	7	670	0.6	5	0.52	0.3	54	9	37	18	2.33	0.35	25	17	0.49	249	1	0.05	17	0.05	8	1	49	0.17	96	59
170	20950	5	0.2	2.81	11	684	0.8	5	0.61	0.2	67	9	39	20	2.58	0.43	32	18	0.54	338	1	0.05	21	0.07	8	1	56	0.18	96	62
171	14600E-21000N	5	0.2	2.42	6	713	0.7	5	0.61	0.2	62	10	38	21	2.36	0.37	28	17	0.48	483	1	0.05	19	0.06	8	1	52	0.14	83	59
172	15000E-18050N	5	0.2	2.26	2	341	0.4	5	0.21	0.2	55	3	31	6	0.73	0.38	28	9	0.14	81	1	0.03	5	0.02	4	1	36	0.16	68	22
173	18100	5	0.2	2.39	2	327	0.4	5	0.22	0.2	56	2	30	4	0.71	0.40	28	10	0.14	79	1	0.03	6	0.02	4	1	38	0.18	70	22
174	18300	35	0.2	3.55	6	891	0.9	5	0.50	1.0	63	9	42	42	2.60	0.52	31	19	0.41	180	1	0.06	29	0.11	10	1	56	0.16	98	72
175	18350	10	0.2	3.48	5	991	0.8	5	0.36	0.2	56	6	34	20	1.95	0.70	28	17	0.39	121	1	0.05	16	0.06	8	1	49	0.14	111	60
176	15000E-18400N	5	0.2	2.22	5	696	0.7	5	0.49	1.3	56	8	35	36	1.89	0.30	25	12	0.30	123	1	0.05	23	0.11	6	2	54	0.14	66	55

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
177	15000E-18450N	5	0.2	3.49	7	909	1.0	5	0.49	1.1	59	10	40	46	3.16	0.43	29	18	0.40	201	1	0.05	28	0.12	13	1	55	0.17	106	81
178	18500	5	0.2	3.20	7	831	0.8	5	0.41	0.2	69	7	33	22	2.35	0.52	33	18	0.40	167	1	0.05	18	0.04	8	1	54	0.17	96	60
179	18550	5	0.2	2.67	9	626	0.7	5	0.35	0.2	62	6	30	18	1.95	0.45	29	16	0.40	149	1	0.04	16	0.03	7	1	44	0.15	83	43
180	18600	5	0.2	3.24	5	893	0.9	5	0.44	0.2	67	8	31	24	2.22	0.67	32	18	0.42	176	1	0.05	21	0.06	8	1	55	0.16	104	64
181	15000E-18650N	5	0.2	2.83	2	629	0.7	5	0.44	0.2	63	6	37	21	2.31	0.51	30	17	0.38	177	1	0.04	15	0.05	7	1	52	0.15	84	52
182	15000E-18700N	5	0.2	3.19	6	1009	0.8	5	0.49	0.2	64	6	42	25	2.55	0.59	32	17	0.38	161	1	0.04	18	0.07	6	1	58	0.15	100	60
183	18750	20	0.2	2.92	10	823	0.9	5	0.69	0.2	67	8	43	32	2.68	0.44	31	17	0.43	245	1	0.05	22	0.09	6	1	64	0.17	103	55
184	18800	10	0.2	2.38	13	1049	1.3	5	0.87	0.3	71	14	36	59	2.93	0.32	32	13	0.34	632	1	0.07	35	0.14	4	1	76	0.13	89	50
185	18850	5	0.2	3.07	7	690	0.8	5	0.66	0.2	66	8	40	22	2.70	0.45	30	19	0.46	238	1	0.05	20	0.07	9	4	61	0.18	102	52
186	15000E-18900N	5	0.2	3.05	9	698	0.8	5	0.70	0.2	73	9	42	25	2.73	0.45	34	18	0.47	262	1	0.05	22	0.09	8	1	62	0.18	100	57
187	15000E-18950N	25	0.4	2.95	9	541	0.7	5	0.62	0.2	75	7	43	18	2.56	0.48	35	18	0.47	204	1	0.05	18	0.07	7	1	58	0.20	99	57
188	19000	5	0.4	3.64	5	830	1.0	5	0.60	0.6	66	10	45	40	2.87	0.45	31	19	0.44	287	1	0.07	25	0.08	11	1	58	0.19	110	64
189	19050	10	1.0	4.68	12	1308	1.3	5	0.53	1.4	59	16	46	54	4.01	0.63	29	21	0.46	538	2	0.06	41	0.17	14	1	62	0.16	136	102
190	19100	5	0.4	3.32	9	731	0.8	5	0.51	0.2	62	8	39	26	2.56	0.58	29	19	0.45	217	1	0.05	21	0.07	9	1	53	0.17	107	60
191	15000E-19150N	5	0.6	5.54	2	1567	1.3	5	0.56	1.0	53	11	52	47	3.55	0.76	26	23	0.48	381	2	0.08	33	0.11	15	1	69	0.14	166	92
192	15000E-19200N	5	0.4	3.40	5	965	0.9	5	0.63	0.2	68	9	44	28	2.54	0.58	32	19	0.50	280	1	0.05	22	0.07	10	2	65	0.17	117	61
193	19250	5	0.8	3.96	4	1265	0.9	5	0.76	0.6	62	16	45	37	2.67	0.57	28	20	0.46	718	2	0.06	26	0.12	9	1	79	0.15	143	58
194	19300	5	0.2	3.26	4	953	0.8	5	0.67	0.2	66	9	39	19	2.20	0.55	29	17	0.45	340	1	0.05	18	0.08	10	1	68	0.17	120	56
195	19350	5	0.4	2.68	4	608	0.8	5	0.77	0.2	75	8	41	22	2.41	0.45	34	16	0.47	328	1	0.05	20	0.07	7	1	67	0.19	93	55
196	15000E-19400N	5	0.2	3.32	10	720	1.0	5	0.73	0.3	74	11	39	32	2.98	0.54	34	19	0.55	385	1	0.06	27	0.07	12	1	66	0.19	103	65
197	15000E-19450N	5	0.2	3.09	6	800	0.9	5	1.29	0.6	67	10	34	35	2.42	0.43	27	16	0.49	464	1	0.06	27	0.10	11	1	104	0.15	85	60
198	15000E-19500N	5	0.2	3.18	13	675	0.9	5	0.78	0.4	75	12	38	29	2.89	0.54	33	19	0.54	459	1	0.05	24	0.07	10	1	70	0.19	100	63
199	15400E-18100N	5	0.2	4.43	42	1089	1.9	5	0.23	0.3	83	9	32	32	3.15	0.98	44	21	0.37	195	2	0.04	32	0.08	16	1	43	0.20	118	79
201	18150	5	0.2	2.68	17	520	0.7	5	0.36	0.2	50	5	35	15	2.52	0.41	25	18	0.37	195	1	0.04	16	0.07	9	1	44	0.15	85	50
202	15400E-18250N	5	0.2	3.08	12	537	0.7	5	0.27	0.2	50	6	36	15	2.72	0.49	26	20	0.40	192	1	0.04	20	0.04	9	1	37	0.16	92	62
203	15400E-18300N	5	0.2	3.34	21	771	0.9	5	0.33	0.2	58	8	34	26	2.85	0.59	30	25	0.52	230	1	0.04	27	0.07	8	1	45	0.19	103	75
204	18350	5	0.2	3.13	17	670	0.9	5	0.44	0.2	60	9	35	24	2.90	0.53	30	29	0.58	245	1	0.04	28	0.06	11	1	49	0.19	95	69
205	18400	5	0.2	3.94	15	859	1.4	5	0.23	0.2	73	6	28	27	2.23	1.01	38	24	0.43	188	1	0.04	24	0.07	14	2	42	0.23	106	90
206	18450	5	0.2	2.90	14	769	0.8	5	0.61	0.2	68	12	37	17	2.54	0.50	31	17	0.41	772	1	0.05	20	0.08	9	1	61	0.18	93	60
207	15400E-18500N	5	0.2	4.15	15	717	1.1	5	0.31	0.2	68	10	29	24	2.94	0.82	34	32	0.44	224	1	0.04	27	0.05	14	1	38	0.14	93	102
208	15400E-18550N	5	0.2	3.60	12	632	0.9	5	0.28	0.2	58	7	27	16	2.23	0.79	33	17	0.45	159	1	0.04	19	0.03	9	1	35	0.14	82	64
209	18600	5	0.2	3.93	12	730	1.1	5	0.37	0.2	77	7	26	29	2.52	1.00	36	21	0.48	147	1	0.04	27	0.06	11	1	39	0.15	84	76
210	18650	5	0.2	2.83	12	544	0.8	5	0.51	0.2	68	7	35	23	2.13	0.54	31	18	0.48	167	1	0.04	22	0.05	9	1	47	0.16	76	47
211	18700	5	0.2	3.09	11	1520	0.8	5	0.49	0.2	54	18	67	25	3.49	0.30	27	38	1.04	499	1	0.06	55	0.06	12	1	63	0.22	90	83
212	15400E-18750N	5	0.2	3.19	8	1132	0.9	5	0.30	0.2	62	10	55	30	2.89	0.44	32	29	0.64	190	1	0.04	45	0.03	10	1	50	0.15	84	64
213	15400E-18800N	5	0.2	3.32	9	638	0.9	5	0.42	0.2	63	8	37	24	2.68	0.56	32	20	0.46	239	1	0.05	20	0.05	9	1	48	0.17	95	59
214	18850	5	0.2	3.55	11	866	1.0	5	0.55	0.2	64	10	39	31	3.06	0.59	32	23	0.59	301	1	0.06	28	0.05	10	1	58	0.20	102	67
215	18900	5	0.2	2.71	7	534	0.7	5	0.45	0.2	59	6	34	16	2.18	0.49	29	18	0.47	182	1	0.04	17	0.03	8	1	48	0.17	79	45
216	18950	5	0.2	3.44	10	689	0.8	5	0.39	0.2	63	8	36	22	2.82	0.61	30	21	0.53	201	1	0.04	23	0.03	12	1	47	0.17	94	58
217	15400E-19000N	5	0.2	2.87	9	746	0.7	5	0.37	0.2	67	6	32	16	2.16	0.57	32	17	0.41	203	1	0.04	17	0.04	10	2	44	0.17	82	48
218	15400E-19050N	5	0.2	2.52	11	573	0.6	5	0.34	0.2	61	6	31	13	2.22	0.51	29	14	0.40	194	1	0.04	15	0.04	9	1	40	0.17	85	52
219	19100	5	0.2	2.56	10	422	0.6	5	0.35	0.2	53	6	29	15	2.06	0.42	25	15	0.40	168	1	0.04	15	0.03	7	1	41	0.15	73	42
220	19150	5	0.2	2.94	15	438	0.7	5	0.36	0.2	53	8	35	16	2.68	0.38	25	19	0.46	207	1	0.04	18	0.03	9	1	42	0.16	83	51
221	19200	5	0.2	3.93	2	738	0.9	5	0.29	0.2	70	5	39	19	2.57	0.97	37	23	0.46	171	1	0.04	18	0.04	6	1	40	0.14	99	57
222	15400E-19250N	5	0.2	3.30	2	527	0.7	5	0.31	0.2	59	6	38	17	2.61	0.63	30	22	0.42	192	1	0.03	17	0.03	6	1	40	0.14	87	59

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
223	15400E-19300N	5	0.2	3.17	4	509	0.7	5	0.39	0.2	60	7	38	19	2.72	0.57	29	20	0.46	206	1	0.04	18	0.03	6	1	45	0.16	92	56
224	19350	5	0.2	2.99	5	466	0.7	5	0.40	0.2	64	9	36	19	2.56	0.46	31	18	0.45	257	1	0.05	18	0.03	7	1	49	0.18	90	52
225	19400	15	0.2	3.36	3	548	0.9	5	0.36	0.2	57	10	37	23	2.92	0.39	27	19	0.48	258	1	0.04	23	0.03	8	1	44	0.17	93	56
226	19450	5	0.4	2.70	7	425	0.7	5	0.48	0.2	65	7	36	15	2.43	0.46	31	16	0.45	229	1	0.04	16	0.04	8	1	49	0.18	85	45
227	15400E-19500N	5	0.2	3.00	6	580	0.8	5	0.61	0.2	70	8	37	22	2.80	0.38	34	18	0.51	251	1	0.05	20	0.05	8	1	54	0.19	93	55
228	15800E-18050N	5	0.2	2.54	3	375	0.6	5	0.48	0.2	59	6	33	11	2.37	0.39	27	17	0.46	226	1	0.04	14	0.04	8	1	46	0.18	83	47
229	18100	10	0.4	2.54	10	551	0.7	5	0.77	0.2	67	9	36	20	2.45	0.43	30	17	0.51	376	1	0.05	18	0.07	4	1	59	0.18	89	59
230	18150	5	0.2	2.49	7	547	0.7	5	0.82	0.2	75	8	36	17	2.56	0.47	34	18	0.55	269	1	0.05	19	0.09	10	1	61	0.19	94	64
231	18200	5	0.2	2.93	13	549	0.9	5	0.72	0.2	60	10	40	28	2.80	0.52	28	19	0.64	316	1	0.06	27	0.06	12	2	59	0.18	96	68
232	15800E-18250N	5	0.2	2.64	8	485	0.7	5	0.68	0.2	66	8	41	16	2.36	0.49	30	17	0.55	272	2	0.05	20	0.06	9	1	56	0.18	90	57
233	15800E-18300N	5	0.2	2.75	15	566	0.8	5	0.71	0.2	64	9	36	23	2.60	0.49	28	18	0.57	361	2	0.06	25	0.06	7	1	57	0.18	93	64
234	18350	5	0.2	3.19	11	524	0.7	5	0.28	0.2	68	6	29	16	2.30	0.74	32	13	0.31	228	1	0.04	14	0.04	13	1	42	0.17	90	46
235	18500	10	0.2	4.22	10	947	1.3	5	0.37	0.2	77	11	34	30	3.03	1.03	36	25	0.51	461	2	0.04	35	0.05	14	1	40	0.16	107	83
236	18550	5	0.2	3.30	9	635	0.9	5	0.38	0.3	77	6	30	15	2.25	0.68	37	17	0.36	200	1	0.04	19	0.05	10	1	41	0.17	89	71
237	15800E-18600N	5	0.2	2.84	18	498	0.8	5	0.45	0.2	70	9	35	21	2.68	0.40	31	18	0.53	250	2	0.05	24	0.03	9	1	48	0.18	86	54
238	15800E-18650N	5	0.2	3.07	15	559	0.8	5	0.56	0.2	72	9	33	24	2.74	0.52	32	21	0.60	289	2	0.06	25	0.05	13	1	56	0.19	97	61
239	18700	10	0.2	2.92	14	501	0.9	5	0.51	0.2	75	9	35	23	2.68	0.49	34	20	0.54	274	1	0.05	25	0.06	11	1	51	0.19	93	60
240	18750	5	0.2	2.83	12	485	0.7	5	0.45	0.3	61	9	35	15	2.49	0.41	27	18	0.47	436	2	0.04	21	0.05	12	1	45	0.18	86	59
241	18800	5	0.4	2.87	6	476	0.7	5	0.41	0.2	52	18	36	14	2.72	0.39	26	19	0.43	492	2	0.04	17	0.07	10	1	44	0.16	87	69
242	15800E-18850N	5	0.2	3.32	7	580	0.8	5	0.39	0.2	59	10	39	20	2.73	0.46	30	18	0.46	276	2	0.04	25	0.03	11	1	47	0.17	92	63
243	15800E-18900N	5	0.4	3.87	8	821	0.9	5	0.46	0.2	64	7	35	19	2.66	0.78	31	19	0.51	205	2	0.05	21	0.06	28	6	51	0.18	104	84
244	18950	10	0.2	2.94	10	725	0.8	5	0.53	0.2	73	7	32	21	2.35	0.61	35	17	0.50	237	2	0.05	19	0.06	10	1	51	0.18	91	65
245	19000	5	0.4	3.00	11	634	0.9	5	0.55	0.2	73	9	33	20	2.57	0.58	35	17	0.52	285	2	0.05	18	0.05	14	1	53	0.19	92	61
246	19050	5	0.2	2.95	13	602	0.8	5	0.60	0.2	69	8	33	16	2.63	0.49	33	17	0.55	273	2	0.05	19	0.05	13	1	57	0.20	98	60
247	15800E-19100N	5	0.2	3.19	17	622	0.8	5	0.49	0.2	61	11	32	17	2.74	0.49	28	19	0.54	275	2	0.05	22	0.04	13	1	51	0.19	96	62
248	15800E-19150N	5	1.4	3.25	18	690	0.8	5	0.49	0.3	65	12	31	19	2.84	0.63	30	18	0.48	395	2	0.07	24	0.08	17	1	51	0.17	102	79
249	19200	5	0.2	2.19	17	426	0.7	5	0.56	0.2	59	9	31	23	2.47	0.45	26	15	0.48	337	2	0.05	22	0.07	11	1	48	0.15	78	57
251	19300	10	0.2	3.16	10	803	0.9	5	0.53	0.3	71	8	40	23	2.37	0.70	34	18	0.49	239	1	0.05	20	0.07	13	1	63	0.16	105	64
252	19350	5	0.2	3.06	13	717	0.8	5	0.59	0.2	62	9	40	26	2.85	0.55	30	19	0.58	336	1	0.06	24	0.06	12	1	59	0.19	104	66
253	15800E-19400N	5	0.4	3.28	8	675	0.8	5	0.58	0.2	62	7	35	21	2.59	0.72	29	22	0.55	228	1	0.05	19	0.07	11	1	55	0.17	92	58
254	15800E-19450N	5	0.2	2.75	12	660	0.8	5	1.12	0.3	67	9	34	22	2.64	0.48	29	18	0.57	820	1	0.06	24	0.07	10	1	76	0.18	92	64
255	15800E-19500N	10	0.2	2.86	12	663	0.8	5	0.80	0.4	70	8	33	17	2.34	0.58	32	17	0.50	242	1	0.05	20	0.07	12	4	61	0.18	96	69
256	16200E-18050N	5	0.2	3.09	8	571	0.8	5	0.66	0.4	65	9	34	23	2.66	0.57	30	20	0.55	281	1	0.06	22	0.06	12	1	59	0.21	105	64
257	18100	5	0.2	3.23	11	607	0.9	5	0.85	0.7	71	10	33	21	2.64	0.62	31	22	0.63	279	1	0.07	23	0.07	12	1	63	0.21	103	78
258	16200E-18150N	5	0.2	2.93	16	650	0.9	5	0.88	0.6	73	11	33	27	2.78	0.57	32	20	0.64	494	1	0.07	26	0.08	12	1	66	0.19	101	76
259	16200E-18200N	5	0.2	2.95	9	619	0.8	5	0.94	0.6	74	10	36	24	2.75	0.58	32	21	0.64	394	1	0.07	26	0.08	12	1	70	0.20	101	81
260	18250	5	0.2	3.22	12	730	1.0	5	0.91	0.4	76	10	37	29	2.90	0.65	34	23	0.67	349	2	0.07	28	0.08	12	1	69	0.20	112	78
261	18300	5	0.2	2.96	6	669	0.8	5	0.82	0.2	63	8	39	24	2.51	0.59	29	20	0.56	312	1	0.07	22	0.06	9	1	64	0.18	103	69
262	18350	5	0.2	2.36	5	370	0.5	5	0.43	0.2	48	5	38	18	2.30	0.37	22	11	0.35	202	1	0.06	14	0.06	6	1	46	0.18	93	60
263	16200E-18400N	5	0.2	2.77	10	450	0.7	5	0.70	0.2	53	9	40	22	2.79	0.51	24	16	0.52	305	2	0.06	21	0.06	7	1	58	0.20	103	64
264	16200E-18450N *¤	5	0.2	1.63	33	921	1.0	5	4.29	2.1	44	10	22	29	1.62	2.36	17	12	0.51	1851	4	0.04	35	0.09	12	16	248	0.06	72	196
265	18500 ¤	5	0.2	2.56	57	979	1.1	5	2.17	1.3	59	13	30	23	2.78	0.53	23	18	0.56	2684	4	0.05	29	0.09	13	22	128	0.10	111	178
266	18550	5	0.6	3.30	6	1175	0.8	5	0.81	0.6	58	16	40	21	3.11	0.54	25	22	0.68	800	2	0.07	39	0.06	10	1	56	0.24	91	109
267	18600	5	0.4	4.04	8	885	1.2	5	0.44	0.6	67	17	34	19	3.37	0.71	33	26	0.54	651	2	0.04	34	0.06	19	1	48	0.16	101	182
268	16200E-18650N	5	0.6	3.41	7	1380	0.9	5	0.58	1.9	77	20	33	19	2.64	0.54	35	19	0.46	1586	2	0.05	27	0.08	22	1	57	0.16	87	370

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
269	16200E-18700N	5	0.2	3.73	5	1350	0.9	5	0.54	0.5	66	18	50	16	3.24	0.53	30	27	0.67	897	1	0.05	37	0.10	12	1	47	0.26	97	133
270	18750	5	0.4	3.96	14	733	0.9	5	0.17	0.2	84	6	28	19	2.56	0.86	42	13	0.35	132	1	0.04	19	0.07	20	1	23	0.13	96	85
271	18800	5	1.0	3.27	13	410	1.2	5	0.33	0.2	63	34	53	25	3.87	0.26	30	28	0.85	2059	2	0.04	23	0.06	80	1	35	0.23	109	143
272	18850	5	0.2	2.84	7	509	0.6	5	0.43	0.2	55	7	36	16	2.39	0.38	28	16	0.48	237	1	0.05	19	0.05	6	1	45	0.18	84	60
273	16200E-18900N	5	0.2	2.73	7	480	0.6	5	0.37	0.2	60	6	35	13	2.01	0.50	30	11	0.35	179	1	0.04	14	0.03	10	1	43	0.18	86	55
274	16200E-18950N	5	0.4	3.36	24	607	0.9	5	0.33	0.2	63	6	29	17	2.35	0.83	31	18	0.47	160	1	0.04	17	0.04	83	26	43	0.13	98	103
275	19000	5	0.2	3.44	16	587	0.9	5	0.37	0.2	67	7	37	18	2.48	0.80	33	21	0.57	190	1	0.04	20	0.04	31	8	45	0.16	97	82
276	19050	5	0.2	3.74	13	707	0.9	5	0.33	0.2	61	7	31	19	2.55	0.83	30	18	0.49	161	2	0.04	19	0.06	17	1	41	0.15	104	71
277	19100	5	0.8	5.56	11	1781	1.4	5	0.42	2.1	59	12	41	50	3.38	1.12	28	22	0.64	268	2	0.06	35	0.09	28	2	55	0.16	167	118
278	16200E-19150N	5	0.2	3.04	8	570	0.8	5	0.50	0.2	68	7	32	18	2.42	0.57	32	18	0.52	201	1	0.05	18	0.05	12	1	50	0.18	88	66
279	16200E-19200N	5	0.2	3.71	18	695	1.0	5	0.45	0.3	68	10	33	25	2.87	0.76	32	19	0.56	314	1	0.05	22	0.06	27	4	52	0.18	103	84
280	19250	5	0.2	3.59	19	792	0.9	5	0.53	0.3	69	9	34	22	2.83	0.65	31	19	0.53	246	2	0.05	22	0.07	19	2	54	0.17	97	73
281	19300	5	1.2	5.92	11	1290	1.3	5	0.70	0.5	49	9	41	36	4.00	0.96	25	23	0.54	175	1	0.05	32	0.13	23	2	74	0.14	122	106
282	19350	5	0.4	4.39	9	889	1.1	5	0.53	0.5	56	8	38	35	2.77	0.77	29	17	0.49	194	1	0.05	26	0.12	13	1	57	0.16	100	85
283	16200E-19400N	15	0.6	5.70	5	1169	1.3	5	0.43	0.2	55	7	42	35	3.01	1.07	29	20	0.51	129	1	0.05	27	0.10	16	1	53	0.16	122	81
284	16200E-19450N	5	0.2	3.31	11	610	0.8	5	0.56	0.4	62	7	36	22	2.54	0.54	30	18	0.50	193	1	0.05	19	0.05	13	1	56	0.18	94	60
285	16200E-19500N	5	0.2	2.84	9	468	0.6	5	0.45	0.2	57	6	34	15	2.22	0.44	27	14	0.41	167	1	0.05	16	0.05	12	1	47	0.17	84	48

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE Bruney

Noranda Exploration Co. Ltd. PROJECT 9109-029 327 FILE # 91-4917 Page 1
1050 Davie St., Vancouver BC V6E 1N4

SAMPLE#	Hg ppb
14200E 18050N	15
14200E 18100N	15
14200E 18150N	40
14200E 18200N	240
14200E 18250N	30
14200E 18300N	30
14200E 18350N	20
14200E 18400N	10
14200E 18450N	10
14200E 18500N	10
14200E 18550N	5
14200E 18600N	5
14200E 18650N	50
14200E 18700N	15
14200E 18750N	15
14200E 18800N	85
14200E 18850N	25
14200E 18900N	45
14200E 18950N	45
14200E 19000N	10
14200E 19050N	20
14200E 19150N	35
14200E 19200N	35
14200E 19250N	15
14200E 19300N	10
14200E 19350N	35
RE 14200E 19150N	35
14200E 19400N	40
14200E 19450N	45
14200E 19500N	40
14200E 19550N	40
14200E 19600N	35
14200E 19650N	30
14200E 19700N	30
14200E 19750N	30
14200E 19800N	20
14200E 19850N	40
STANDARD C	1400

- SAMPLE TYPE: SOIL PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 4 1991 DATE REPORT MAILED: Oct 8/91.

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
14200E 19900N	15
14200E 19950N	15
14200E 20000N	25
14200E 20050N	25
RE 14200E 20300N	45
14200E 20100N	15
14200E 20150N	60
14200E 20200N	305
14200E 20250N	770
14200E 20300N	45
14200E 20350N	15
14200E 20400N	5
14200E 20450N	25
14200E 20500N	15
14200E 20550N	10
14200E 20600N	15
14200E 20650N	25
14200E 20700N	25
14200E 20750N	35
14200E 20800N	35
14200E 20850N	40
14200E 20900N	25
14200E 20950N	20
14200E 21000N	40
14600E 15650N	35
14600E 15700N	25
14600E 15750N	25
14600E 15800N	20
14600E 15850N	20
14600E 15900N	45
14600E 15950N	30
14600E 16000N	30
14600E 16050N	30
14600E 16100N	15
14600E 16150N	15
14600E 16200N	10
14600E 16250N	25
STANDARD C	1500

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
14600E 16300N	20
14600E 16350N	65
14600E 16400N	30
14600E 16450N	20
14600E 16500N	35
14600E 16550N	45
14600E 16600N	20
14600E 16650N	35
14600E 16700N	15
14600E 16750N	10
14600E 16800N	20
14600E 16850N	20
14600E 16900N	10
14600E 16950N	15
14600E 17000N	20
14600E 17050N	5
14600E 17100N	15
14600E 17150N	15
14600E 17200N	15
14600E 17250N	15
14600E 17300N	35
14600E 17350N	35
14600E 17400N	40
14600E 17500N	5
14600E 17550N	20
14600E 17600N	20
14600E 17650N	15
14600E 17700N	20
14600E 17750N	15
14600E 17800N	20
14600E 17850N	25
14600E 17900N	25
14600E 17950N	25
RE 14600E 17800N	20
14600E 18000N	20
14600E 18050N	25
14600E 18100N	30
STANDARD C	1550

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
14600E 18150N	50
14600E 18200N	20
14600E 18250N	15
14600E 18300N	15
14600E 18350N	15
14600E 18400N	25
14600E 18450N	20
14600E 18500N	30
14600E 18550N	20
14600E 18600N	15
14600E 18650N	35
14600E 18700N	25
14600E 18750N	30
14600E 18800N	35
14600E 18850N	20
14600E 18900N	35
14600E 18950N	35
14600E 19000N	30
14600E 19100N	40
14600E 19150N	40
14600E 19200N	55
14600E 19250N	20
14600E 19300N	40
14600E 19350N	35
14600E 19400N	25
14600E 19450N	35
14600E 19500N	80
14600E 19550N	55
14600E 19600N	40
14600E 19650N	105
14600E 19700N	85
RE 14600E 19500N	80
14600E 19750N	150
14600E 19800N	240
14600E 19850N	280
14600E 19900N	115
14600E 19950N	65
STANDARD C	1300

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
14600E 20000N	90
14600E 20050N	95
14600E 20100N	5
14600E 20150N	45
14600E 20200N	10
14600E 20250N	35
14600E 20300N	10
14600E 20350N	25
14600E 20400N	15
14600E 20450N	90
14600E 20500N	75
RE 14600E 20750N	155
14600E 20550N	60
14600E 20600N	130
14600E 20650N	225
14600E 20700N	50
14600E 20750N	160
14600E 20800N	45
14600E 20850N	90
14600E 20900N	35
14600E 20950N	40
14600E 21000N	25
15000E 18050N	10
15000E 18100N	10
15000E 18300N	60
15000E 18350N	30
15000E 18400N	65
15000E 18450N	40
15000E 18500N	25
15000E 18550N	15
15000E 18600N	25
15000E 18650N	25
15000E 18700N	45
15000E 18750N	70
15000E 18800N	125
15000E 18850N	50
15000E 18900N	55
STANDARD C	1500

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15000E 18950N	20
15000E 19000N	45
15000E 19050N	95
15000E 19100N	50
15000E 19150N	110
15000E 19200N	85
15000E 19250N	100
15000E 19300N	95
15000E 19350N	40
15000E 19400N	55
15000E 19450N	80
15000E 19500N	45
15400E 18100N	65
15400E 18150N	25
15400E 18250N	20
15400E 18300N	20
15400E 18350N	40
15400E 18400N	50
15400E 18450N	80
15400E 18500N	10
15400E 18550N	15
15400E 18600N	30
15400E 18650N	20
15400E 18700N	15
15400E 18750N	10
RE 15400E 18550N	15
15400E 18800N	35
15400E 18850N	50
15400E 18900N	10
15400E 18950N	15
15400E 19000N	5
15400E 19050N	15
15400E 19100N	25
15400E 19150N	25
15400E 19200N	25
15400E 19250N	15
15400E 19300N	25
STANDARD C	1600

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15400E 19350N	15
15400E 19400N	25
15400E 19450N	15
15400E 19500N	25
15800E 18050N	15
15800E 18100N	30
15800E 18150N	30
15800E 18200N	15
15800E 18250N	10
15800E 18300N	25
15800E 18350N	5
15800E 18500N	10
15800E 18550N	10
15800E 18600N	15
15800E 18650N	15
15800E 18700N	20
15800E 18750N	15
15800E 18800N	10
15800E 18850N	15
15800E 18900N	30
15800E 18950N	25
15800E 19000N	20
15800E 19050N	15
15800E 19100N	10
15800E 19150N	20
15800E 19200N	50
15800E 19300N	50
15800E 19350N	40
15800E 19400N	35
15800E 19450N	30
15800E 19500N	45
RE 15800E 19300N	45
16200E 18050N	20
16200E 18100N	20
16200E 18150N	25
16200E 18200N	45
16200E 18250N	25
STANDARD C	1500

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16200E 18300N	30
16200E 18350N	25
16200E 18400N	20
16200E 18450N	135
16200E 18500N	155
16200E 18550N	5
16200E 18600N	10
16200E 18650N	15
16200E 18700N	10
16200E 18750N	10
16200E 18800N	25
16200E 18850N	10
16200E 18900N	5
16200E 18950N	15
RE 16200E 18750N	10
16200E 19000N	15
16200E 19050N	20
16200E 19100N	80
16200E 19150N	15
16200E 19200N	30
16200E 19250N	50
16200E 19300N	125
16200E 19350N	40
16200E 19400N	130
16200E 19450N	5
16200E 19500N	20
STANDARD C	1400

Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No. BREWERY CK. – 327 **Geol.:** B.B. **Date received:** SEP. 10 **LAB CODE:** 9109–053
Material: 248 SOILS **Sheet:** 1 of 6 **Date completed:** OCT. 02
Remarks: • Sample screened @ –35 MESH (0.5 mm)
¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
2	13000E–18000N	5	0.2	2.21	8	540	0.6	5	0.42	0.2	51	7	36	14	2.30	0.35	25	14	0.37	219	1	0.03	17	0.08	7	42	0.13	73	48
3	18050	5	0.2	2.68	5	623	0.6	5	0.45	0.2	50	10	34	13	2.31	0.29	24	17	0.41	468	1	0.04	21	0.04	4	45	0.16	79	75
4	18100	5	0.2	2.58	4	550	0.6	5	0.49	0.2	48	7	37	14	2.21	0.28	24	16	0.40	219	1	0.03	19	0.03	3	44	0.14	78	44
5	18150	5	0.2	3.14	4	833	0.8	5	0.49	0.2	56	9	41	23	2.55	0.39	27	20	0.47	562	1	0.04	27	0.04	5	52	0.16	95	65
6	13000E–18200N	5	0.2	2.69	7	628	0.6	5	0.47	0.2	53	8	37	14	2.27	0.29	25	18	0.46	240	1	0.04	19	0.03	3	47	0.15	82	50
7	13000E–18250N	20	0.2	2.85	9	676	0.9	5	0.51	0.2	67	9	40	29	2.63	0.48	32	19	0.47	331	1	0.04	25	0.05	6	51	0.14	91	63
8	18300	5	0.2	2.51	3	586	0.6	5	0.43	0.2	54	8	38	14	2.17	0.32	26	17	0.39	292	1	0.04	19	0.06	6	43	0.14	78	68
9	18350	5	0.2	2.78	10	642	0.7	5	0.60	0.2	61	10	45	14	2.64	0.40	28	17	0.42	354	1	0.04	22	0.05	6	51	0.15	87	52
10	18400	5	0.2	2.59	6	680	0.8	5	0.49	0.2	56	10	41	13	2.55	0.47	25	17	0.44	494	1	0.04	23	0.09	8	47	0.16	82	77
11	13000E–18450N	5	0.2	2.41	2	490	0.5	5	0.40	0.2	48	6	34	11	2.22	0.23	24	15	0.37	199	1	0.04	13	0.03	6	43	0.15	77	41
12	13000E–18500N	5	0.2	2.55	3	593	0.4	5	0.48	0.2	52	8	33	9	2.21	0.22	26	16	0.35	303	1	0.04	14	0.04	7	49	0.18	81	58
13	18550	5	0.2	2.54	2	470	0.5	5	0.42	0.2	51	5	31	15	2.14	0.33	25	15	0.39	216	1	0.04	14	0.05	2	45	0.15	77	41
14	18600	5	0.2	3.21	2	810	0.7	5	0.35	0.2	51	16	37	14	2.73	0.24	26	19	0.41	511	1	0.04	23	0.04	5	45	0.17	92	68
15	18650	5	0.2	2.72	3	513	0.7	5	0.36	0.2	54	11	34	18	2.37	0.34	25	17	0.40	621	1	0.04	18	0.05	4	42	0.15	79	53
16	13000E–18700N	5	0.2	2.45	7	454	0.5	5	0.34	0.2	49	6	35	14	2.22	0.27	23	15	0.39	200	1	0.03	16	0.03	4	40	0.14	77	42
17	13000E–18750N	5	0.2	2.60	5	543	0.6	5	0.36	0.2	50	8	35	16	2.36	0.29	24	16	0.40	234	1	0.04	18	0.03	5	44	0.14	81	48
18	18800	5	0.2	3.06	8	506	0.7	5	0.36	0.2	55	9	39	21	2.69	0.33	26	18	0.46	231	1	0.04	23	0.03	7	45	0.14	83	48
19	18850	5	0.2	2.90	4	467	0.7	5	0.37	0.2	56	7	39	20	2.37	0.39	26	19	0.40	189	1	0.04	19	0.03	6	47	0.15	85	46
20	18900	5	0.2	3.13	7	559	0.8	5	0.44	0.2	58	9	41	23	2.70	0.48	27	19	0.45	232	1	0.04	20	0.04	6	52	0.15	94	56
21	13000E–18950N	5	0.2	2.98	16	533	0.9	5	0.44	0.2	65	8	36	26	2.58	0.45	34	20	0.46	210	1	0.04	21	0.04	8	52	0.17	94	55
22	13000E–19000N	5	0.2	3.16	9	572	0.8	5	0.47	0.2	59	10	34	24	2.70	0.46	30	18	0.46	290	1	0.04	21	0.05	7	52	0.17	96	57
23	19050	5	0.2	2.92	9	525	0.7	5	0.47	0.2	54	8	35	22	2.63	0.36	27	17	0.43	204	2	0.04	20	0.06	8	48	0.17	90	55
24	19100	5	0.2	3.22	13	579	0.8	5	0.55	0.2	61	9	37	25	2.91	0.43	29	19	0.50	230	1	0.05	23	0.06	7	54	0.18	97	58
25	19150	5	0.2	3.03	8	533	0.8	5	0.48	0.2	68	9	35	28	2.69	0.51	34	18	0.49	220	1	0.05	23	0.07	9	48	0.16	89	65
26	13000E–19200N	5	0.2	2.97	6	608	0.7	5	0.41	0.2	58	8	42	20	2.48	0.32	28	16	0.38	215	1	0.04	21	0.06	10	50	0.18	91	53
27	13000E–19250N	5	0.2	2.77	10	464	0.7	5	0.37	0.2	54	8	39	18	2.54	0.31	27	16	0.41	193	1	0.04	19	0.04	8	43	0.16	84	49
28	19300	5	0.2	2.39	8	461	0.6	5	0.38	0.2	58	7	37	19	2.26	0.32	27	15	0.40	179	1	0.03	20	0.03	7	41	0.13	71	40
29	19350	5	0.4	3.31	14	601	0.8	5	0.35	0.2	61	8	41	26	2.70	0.38	30	21	0.44	190	1	0.04	27	0.03	10	47	0.14	92	56
30	19400	5	0.2	3.53	15	551	0.9	5	0.31	0.2	59	11	48	31	3.06	0.37	28	21	0.50	201	1	0.04	33	0.03	11	41	0.14	98	59
31	13000E–19450N	5	0.2	2.80	4	547	0.7	5	0.32	0.2	53	6	30	20	2.29	0.40	28	16	0.36	174	1	0.04	18	0.03	7	42	0.14	82	48
32	13000E–19500N	5	0.2	2.53	2	370	0.6	5	0.38	0.2	58	5	28	23	2.06	0.43	29	14	0.37	154	1	0.04	16	0.04	4	45	0.15	69	42
33	19550	5	0.2	2.87	8	451	0.6	5	0.30	0.2	46	8	33	13	2.62	0.29	24	16	0.39	210	1	0.03	18	0.03	4	40	0.15	81	48
34	19600	5	0.2	3.15	13	627	0.9	5	0.39	0.2	61	8	32	28	2.80	0.55	31	20	0.46	286	1	0.04	24	0.05	5	48	0.16	96	73
35	19650	5	0.2	2.59	7	480	0.7	5	0.38	0.2	65	7	32	23	2.34	0.46	32	16	0.42	233	1	0.04	18	0.04	5	44	0.15	78	56
36	13000E–19700N	5	0.2	3.08	9	684	0.9	5	0.67	0.2	69	9	40	31	2.70	0.40	31	18	0.48	283	1	0.04	28	0.06	7	61	0.17	91	53

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
37	13000E-19750N	5	0.4	2.87	10	646	0.9	5	0.76	0.3	67	9	41	32	2.65	0.42	30	18	0.49	207	1	0.05	26	0.08	10	64	0.16	95	57
38	19800	5	0.4	3.16	15	600	0.9	5	0.73	0.2	62	10	39	31	2.87	0.43	29	18	0.48	313	1	0.05	25	0.07	8	61	0.16	96	57
39	19850	5	0.2	2.87	14	559	0.8	5	0.57	0.2	61	8	42	28	2.68	0.44	27	17	0.46	233	1	0.04	22	0.06	8	50	0.14	89	54
40	19900	5	0.2	2.78	7	496	0.8	5	0.56	0.2	59	8	43	26	2.52	0.39	26	17	0.46	243	1	0.04	19	0.05	7	50	0.14	86	46
41	13000E-19950N	5	0.2	2.96	4	657	0.9	5	0.76	0.2	59	9	37	33	2.58	0.41	29	18	0.46	380	1	0.05	25	0.07	10	67	0.17	93	55
42	13000E-20000N	5	0.2	2.99	9	550	0.7	5	0.67	0.2	64	8	38	24	2.68	0.42	30	18	0.52	254	1	0.05	22	0.05	9	61	0.20	94	52
43	20050	5	0.2	2.49	12	498	0.7	5	0.61	0.2	62	7	35	19	2.45	0.40	29	15	0.48	240	1	0.05	18	0.06	6	55	0.16	84	49
44	20100	5	0.2	2.56	7	526	0.7	5	0.56	0.2	64	7	35	19	2.36	0.37	31	16	0.47	245	1	0.05	21	0.04	7	50	0.17	82	45
45	20150	5	0.2	2.61	9	535	0.7	5	0.57	0.2	60	9	40	19	2.43	0.39	28	16	0.48	293	1	0.05	20	0.04	7	51	0.17	86	50
46	13000E-20200N	5	0.2	2.34	12	479	0.8	5	0.59	0.2	69	8	40	23	2.45	0.40	33	15	0.48	304	1	0.05	22	0.04	7	50	0.17	86	50
47	13000E-20250N	5	0.2	2.56	14	419	0.7	5	0.52	0.2	62	8	38	17	2.39	0.34	28	16	0.51	219	2	0.04	21	0.04	7	48	0.18	84	49
48	20300	5	0.2	3.19	7	525	0.8	5	0.44	0.2	58	10	42	22	2.86	0.40	27	19	0.53	262	1	0.05	26	0.05	12	51	0.18	98	65
49	20350	5	0.2	2.34	11	378	0.6	5	0.39	0.2	60	7	39	15	2.23	0.27	26	14	0.42	237	1	0.04	17	0.03	8	41	0.15	75	43
51	20400	5	0.2	2.74	4	514	0.7	5	0.33	0.2	49	10	32	14	2.32	0.48	25	12	0.38	374	1	0.04	14	0.03	10	42	0.16	83	40
52	13000E-20450N	25	0.2	2.32	3	403	0.6	5	0.38	0.2	54	6	34	13	2.12	0.40	27	14	0.42	196	1	0.04	14	0.03	7	42	0.16	74	38
53	13000E-20500N	5	0.2	2.38	5	466	0.6	5	0.34	0.2	60	5	28	11	1.85	0.51	29	13	0.39	175	1	0.04	10	0.02	7	44	0.15	70	32
54	20550	5	0.2	2.61	5	702	0.7	5	0.36	0.2	71	5	31	12	1.70	0.66	33	13	0.38	143	1	0.04	9	0.03	10	58	0.15	75	28
55	20600	5	0.2	2.51	6	589	0.6	5	0.37	0.2	62	5	32	13	1.87	0.57	29	12	0.40	184	1	0.04	12	0.03	9	47	0.15	80	33
56	20650	5	0.2	2.82	11	562	0.6	5	0.35	0.2	69	7	38	17	2.63	0.50	32	15	0.39	201	2	0.04	14	0.03	12	58	0.16	88	42
57	13000E-20700N	5	0.2	3.02	15	457	0.7	5	0.48	0.2	63	9	40	22	2.85	0.37	28	19	0.54	262	1	0.05	25	0.04	12	49	0.18	99	60
58	13000E-20750N	5	0.2	3.16	19	557	0.8	5	0.63	0.2	66	11	42	24	3.08	0.46	29	21	0.66	310	1	0.06	25	0.06	13	56	0.19	109	68
59	20800	5	0.2	3.34	17	510	0.8	5	0.46	0.3	64	11	45	20	3.14	0.36	28	21	0.60	321	2	0.05	25	0.03	15	48	0.18	102	64
60	20850	5	0.2	2.65	14	375	0.7	5	0.38	0.2	60	8	42	17	2.53	0.35	26	17	0.46	242	1	0.04	19	0.03	11	41	0.15	82	46
61	20900	5	0.2	2.61	11	382	0.6	5	0.36	0.2	55	9	34	16	2.55	0.27	28	17	0.37	292	1	0.04	16	0.03	12	45	0.19	92	51
62	13000E-20950N	5	0.2	2.82	8	467	0.7	5	0.38	0.2	56	9	35	21	2.66	0.37	29	17	0.47	252	1	0.04	20	0.03	8	45	0.16	88	51
63	13000E-21000N	5	0.2	2.77	9	461	0.7	5	0.43	0.2	60	8	33	20	2.51	0.42	29	17	0.47	230	1	0.05	18	0.03	6	49	0.18	88	47
64	13400E-18000N	5	0.2	3.67	20	1062	1.1	5	0.57	0.2	63	11	39	34	3.11	0.61	30	27	0.59	275	1	0.05	34	0.06	10	53	0.19	129	101
65	18050	5	0.4	3.02	11	970	0.8	5	0.92	0.3	60	11	35	22	2.71	0.52	27	22	0.50	601	2	0.07	24	0.09	10	62	0.20	99	99
66	18100	5	0.2	2.41	7	615	0.5	5	0.61	0.2	58	9	38	14	2.29	0.27	27	19	0.41	275	2	0.05	20	0.06	5	50	0.18	78	80
67	13400E-18150N	5	0.2	3.17	6	1310	0.9	5	0.60	0.4	64	15	46	17	3.12	0.36	30	22	0.47	818	2	0.06	29	0.12	11	52	0.22	95	147
68	13400E-18200N	5	0.2	2.32	5	701	0.6	5	0.58	0.3	64	11	45	14	2.40	0.20	28	16	0.42	710	1	0.06	22	0.07	7	48	0.19	83	88
69	18250	20	0.2	2.58	11	639	0.7	5	0.53	0.2	72	9	55	18	2.73	0.35	33	17	0.48	289	1	0.05	22	0.06	7	51	0.19	93	63
70	18300	5	0.2	3.35	19	1072	1.3	5	0.58	0.6	73	17	46	29	3.64	0.50	31	30	0.74	766	1	0.06	32	0.14	20	51	0.28	113	144
71	18350	5	0.2	2.24	2	628	0.4	5	0.36	0.2	51	9	33	9	1.89	0.18	27	14	0.33	329	1	0.04	13	0.02	6	42	0.19	75	67
72	13400E-18400N	5	0.2	2.43	3	437	0.4	5	0.34	0.2	49	12	32	12	2.03	0.17	25	13	0.30	615	1	0.04	11	0.03	5	40	0.20	83	52
73	13400E-18450N	5	0.2	2.37	8	428	0.5	5	0.28	0.2	44	6	31	14	2.07	0.29	23	12	0.30	166	1	0.04	15	0.03	2	39	0.15	82	45
74	18500	5	0.2	2.31	6	358	0.5	5	0.35	0.2	52	7	36	9	2.12	0.22	27	15	0.31	204	1	0.04	11	0.04	5	41	0.20	89	55
75	18550	5	0.2	2.00	7	352	0.4	5	0.33	0.2	53	5	33	9	1.66	0.26	26	10	0.26	202	1	0.05	9	0.03	3	41	0.19	76	42
76	18600	5	0.2	2.51	7	388	0.5	5	0.34	0.2	53	9	39	12	2.27	0.26	26	16	0.36	254	1	0.05	13	0.03	7	39	0.19	86	49
77	13400E-18650N	5	0.2	3.25	15	555	0.7	5	0.37	0.2	55	9	40	22	2.90	0.37	26	20	0.43	202	1	0.04	22	0.03	10	46	0.18	99	57
78	13400E-18700N	5	0.2	2.77	11	426	0.6	5	0.37	0.2	60	7	40	16	2.25	0.32	27	14	0.36	176	1	0.05	16	0.03	9	43	0.19	90	45
79	18750	5	0.2	3.28	11	546	0.8	5	0.42	0.2	64	9	43	23	2.93	0.45	29	21	0.55	256	2	0.05	24	0.04	13	47	0.17	97	62
80	18800	5	0.2	2.76	14	435	0.7	5	0.40	0.2	61	8	43	22	2.59	0.40	28	18	0.49	198	1	0.04	20	0.04	11	42	0.15	84	55
81	18850	5	0.2	3.28	8	447	0.7	5	0.36	0.2	53	8	39	23	2.78	0.42	28	18	0.44	216	1	0.05	19	0.04	11	45	0.19	100	55
82	13400E-18900N	5	0.2	3.07	9	431	0.7	5	0.38	0.2	51	7	36	21	2.70	0.39	26	19	0.46	214	1	0.04	19	0.04	8	45	0.18	92	54

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
																													9109-053 Pg. 3 of 6
83	13400E-18950N	5	0.2	3.58	8	574	0.8	5	0.42	0.2	52	9	37	23	3.15	0.46	26	20	0.51	253	1	0.05	22	0.06	7	48	0.19	109	69
84	19000	5	0.2	3.36	9	607	0.9	5	0.49	0.2	64	9	37	26	2.93	0.54	31	20	0.51	304	1	0.05	23	0.05	6	54	0.19	102	66
85	19050	5	0.2	3.17	11	552	0.8	5	0.50	0.2	62	9	37	25	2.86	0.51	30	19	0.49	234	1	0.05	23	0.06	8	50	0.18	96	64
86	19100	5	0.2	2.82	9	610	0.8	5	0.63	0.2	63	9	34	26	2.60	0.42	28	16	0.43	292	1	0.05	23	0.08	7	56	0.16	85	65
87	13400E-19150N	5	0.2	3.39	11	654	0.9	5	0.70	0.2	69	11	40	30	3.09	0.50	32	20	0.54	381	1	0.05	25	0.07	10	60	0.18	100	69
88	13400E-19200N	10	0.2	3.14	11	617	0.8	5	0.58	0.2	68	8	39	28	2.78	0.52	30	19	0.51	195	1	0.05	25	0.08	9	53	0.16	89	76
89	19250	5	0.2	2.82	11	502	0.8	5	0.37	0.2	74	8	37	23	2.47	0.53	32	18	0.43	196	1	0.04	19	0.05	11	42	0.15	83	61
90	19300 *¤	5	0.6	2.74	12	835	0.9	5	0.50	1.1	63	13	34	35	2.65	0.45	27	14	0.37	314	2	0.04	31	0.15	11	57	0.11	68	83
91	19350	5	0.2	3.23	11	664	0.8	5	0.43	0.2	59	9	33	25	2.85	0.50	30	18	0.42	266	1	0.05	23	0.05	10	47	0.17	92	63
92	13400E-19400N	5	0.2	3.50	11	609	0.8	5	0.39	0.2	53	9	34	23	3.05	0.52	27	19	0.46	251	1	0.05	22	0.06	9	47	0.17	100	69
93	13400E-19450N	5	0.2	3.01	12	534	0.8	5	0.36	0.2	61	7	29	23	2.60	0.54	30	18	0.44	188	2	0.04	20	0.06	5	42	0.16	83	64
94	19500	5	0.2	2.92	12	562	0.8	5	0.41	0.2	62	8	33	23	2.63	0.52	31	18	0.44	221	1	0.04	21	0.06	7	44	0.16	86	67
95	19550	5	0.2	3.14	12	721	0.9	5	0.56	0.5	66	9	36	31	2.87	0.48	32	18	0.47	292	1	0.05	27	0.07	10	54	0.17	90	62
96	19600	5	0.2	2.96	14	546	0.8	5	0.71	0.3	65	10	36	26	2.68	0.47	29	17	0.48	396	2	0.05	23	0.07	9	59	0.17	87	61
97	13400E-19650N	5	0.2	3.15	12	579	0.8	5	0.79	0.2	63	9	36	30	2.73	0.45	28	17	0.50	345	1	0.05	25	0.08	10	64	0.18	91	59
98	13400E-19700N	5	0.2	2.94	14	593	0.9	5	0.91	0.4	67	11	39	34	2.74	0.43	29	17	0.51	434	3	0.05	28	0.08	10	68	0.16	89	59
99	19750	5	0.2	2.94	21	554	0.8	5	0.73	0.3	65	11	40	29	2.91	0.43	29	17	0.51	487	3	0.05	24	0.07	13	59	0.16	92	61
101	19800	5	0.2	2.45	9	623	0.8	5	1.13	0.4	59	9	35	35	2.22	0.33	27	15	0.42	337	2	0.05	26	0.11	11	86	0.15	82	52
102	19850	5	0.2	3.35	9	653	0.9	5	0.77	0.2	67	11	39	33	3.06	0.51	32	20	0.57	385	1	0.06	27	0.07	10	67	0.19	107	66
103	13400E-19900N	5	0.2	3.13	6	641	0.9	5	0.92	0.2	68	10	37	34	2.75	0.44	31	17	0.51	320	1	0.06	26	0.08	9	76	0.18	99	60
104	13400E-19950N *¤	5	0.6	2.36	8	758	0.9	5	1.17	1.3	63	8	36	67	2.10	0.26	27	13	0.40	243	2	0.07	40	0.16	7	91	0.14	72	59
105	20000	5	0.4	3.11	8	745	0.9	5	0.86	0.7	67	12	39	48	2.82	0.36	30	18	0.55	554	2	0.06	35	0.10	9	71	0.18	96	63
106	20050	5	0.2	3.25	11	671	0.9	5	0.67	0.2	74	12	40	31	2.96	0.46	34	20	0.57	478	1	0.06	26	0.06	11	61	0.18	102	60
107	20100	5	0.2	3.28	13	655	0.9	5	0.68	0.2	71	12	40	28	2.90	0.44	33	20	0.56	382	1	0.05	26	0.05	12	62	0.18	100	59
108	13400E-20150N	5	0.2	3.38	14	695	1.0	5	0.84	0.2	77	12	42	31	2.97	0.49	34	20	0.62	376	2	0.06	28	0.05	13	66	0.19	105	65
109	13400E-20200N	5	0.4	3.75	15	796	1.1	7	0.78	0.4	79	12	47	40	3.27	0.49	36	22	0.66	389	3	0.06	34	0.05	15	68	0.18	110	66
110	13400E-20250N	5	0.4	3.70	13	785	1.2	5	0.73	0.3	77	12	50	42	3.20	0.46	34	22	0.64	369	1	0.06	36	0.05	16	66	0.17	107	65
111	13800E-16200N	5	0.2	3.07	6	647	0.9	5	0.51	0.2	66	10	30	31	2.76	0.68	34	20	0.49	426	1	0.05	25	0.07	11	54	0.14	88	68
112	16250	10	0.4	3.34	2	809	1.1	5	0.61	0.2	71	8	34	38	2.66	0.55	38	22	0.50	267	2	0.05	28	0.05	7	58	0.17	99	65
113	13800E-16300N	15	0.2	2.54	2	572	0.6	5	0.47	0.2	56	8	35	14	2.36	0.52	29	17	0.42	718	1	0.05	17	0.05	3	48	0.17	87	76
114	13800E-16350N	5	0.4	4.25	11	1226	1.2	5	0.52	0.2	63	11	41	44	3.25	0.58	31	25	0.55	394	1	0.05	34	0.06	11	55	0.19	129	91
115	16400	10	0.2	3.05	7	824	0.9	5	0.49	0.2	63	9	35	22	2.49	0.55	31	21	0.52	239	1	0.05	23	0.03	6	51	0.18	95	59
116	16450	5	0.2	3.25	6	947	1.0	5	0.33	0.2	74	7	34	17	2.04	0.66	38	19	0.45	166	1	0.04	21	0.04	11	44	0.21	103	65
117	16500	5	0.2	2.69	9	783	0.8	5	0.44	0.2	68	7	34	18	2.16	0.52	33	17	0.47	202	1	0.04	19	0.05	7	47	0.17	88	52
118	13800E-16550N	5	0.2	2.89	13	739	0.8	5	0.76	0.2	72	10	40	25	2.74	0.47	32	18	0.48	301	2	0.05	22	0.09	11	64	0.17	96	55
119	13800E-16600N	5	0.2	3.10	14	747	0.9	5	0.73	0.2	69	10	43	29	2.99	0.55	31	20	0.63	441	2	0.06	27	0.07	10	63	0.17	102	74
120	16650	5	0.2	2.83	10	665	0.8	5	0.78	0.2	66	9	46	21	2.57	0.52	28	19	0.63	263	1	0.06	24	0.08	10	65	0.16	99	74
121	16700	5	0.2	2.81	7	917	0.8	5	0.45	0.2	62	9	35	20	2.22	0.41	31	19	0.41	251	1	0.04	21	0.03	10	50	0.18	92	49
122	16750	5	0.2	2.71	6	802	0.8	5	0.47	0.2	64	8	35	18	2.33	0.40	31	18	0.46	236	1	0.04	20	0.03	7	50	0.18	90	48
123	13800E-16800N	5	0.2	3.20	9	929	0.9	5	0.57	0.2	64	10	38	23	2.79	0.38	30	19	0.52	345	1	0.05	24	0.04	7	53	0.18	96	54
124	13800E-16850N	5	0.2	2.50	7	617	0.7	5	0.54	0.2	60	8	35	15	2.34	0.33	27	15	0.46	278	1	0.04	18	0.04	6	49	0.17	82	41
125	16900	5	0.2	3.49	11	1062	0.9	5	0.71	0.2	69	12	37	28	2.90	0.41	31	20	0.53	521	1	0.05	30	0.06	10	62	0.19	107	62
126	16950	5	0.2	2.66	6	693	0.6	5	0.70	0.2	55	9	36	15	2.42	0.18	24	15	0.44	235	1	0.06	18	0.04	9	53	0.18	89	48
127	17000	5	0.2	3.04	8	855	0.7	5	0.63	0.2	63	13	40	21	2.64	0.35	29	18	0.47	513	2	0.05	24	0.05	9	54	0.18	98	56
128	13800E-17050N	5	0.2	3.22	9	942	1.0	5	0.47	0.2	72	8	38	27	2.27	0.63	34	20	0.49	229	1	0.05	26	0.04	9	53	0.15	96	77

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
129	13800E-17100N	5	0.2	3.18	15	967	1.0	5	0.59	0.3	70	11	45	17	2.56	0.48	30	19	0.47	319	1	0.04	22	0.09	12	57	0.16	105	88
130	17150	5	0.2	3.83	9	969	1.2	5	0.75	0.2	67	14	46	27	3.24	0.48	28	23	0.58	445	2	0.05	36	0.10	12	59	0.19	113	86
131	17200	20	0.2	3.33	2	795	0.8	5	0.67	0.2	60	12	39	21	2.94	0.30	28	20	0.53	754	1	0.05	28	0.05	8	59	0.19	98	71
132	17250	5	0.2	3.47	4	814	1.0	5	0.52	0.2	62	13	37	24	2.96	0.43	30	22	0.52	418	1	0.04	28	0.09	9	51	0.19	101	94
133	13800E-17300N	5	0.2	3.57	9	936	1.2	5	0.36	0.2	62	14	41	26	3.17	0.46	30	24	0.44	600	1	0.04	35	0.07	8	45	0.22	105	135
134	13800E-17350N	10	0.2	3.11	9	559	0.8	5	0.36	0.2	57	10	37	22	2.87	0.33	27	19	0.51	248	1	0.04	25	0.03	7	43	0.17	90	53
135	17400	5	0.2	3.29	8	544	0.9	5	0.37	0.2	60	12	39	24	2.96	0.30	29	19	0.48	278	1	0.04	28	0.03	8	44	0.18	94	54
136	17450	5	0.4	4.09	13	547	1.0	5	0.34	0.2	60	13	38	30	3.44	0.45	28	24	0.56	259	1	0.05	33	0.04	13	46	0.19	112	65
137	17500	5	0.2	3.69	12	545	1.1	6	0.36	0.2	64	12	40	34	3.38	0.41	30	21	0.56	299	1	0.05	35	0.04	12	45	0.18	101	63
138	13800E-17550N	5	0.2	3.19	12	570	0.9	5	0.44	0.2	74	9	38	28	2.87	0.53	35	21	0.56	250	1	0.05	25	0.04	9	49	0.18	98	63
139	13800E-17600N	5	0.2	2.77	10	456	0.7	5	0.42	0.2	73	8	41	19	2.66	0.38	31	18	0.49	257	1	0.05	22	0.03	9	45	0.17	87	51
140	17650	5	0.6	3.30	10	667	0.8	5	0.46	0.3	66	18	46	24	3.01	0.39	30	22	0.49	665	2	0.05	25	0.05	11	49	0.17	98	66
141	17700	5	0.2	3.50	3	823	1.0	5	0.74	0.3	67	11	42	34	2.81	0.57	32	24	0.69	306	1	0.08	27	0.08	13	70	0.20	110	80
142	17750	5	0.2	3.09	10	751	1.0	5	0.74	0.2	75	10	41	31	2.99	0.65	37	21	0.63	352	1	0.07	26	0.09	7	67	0.18	108	85
143	13800E-17800N	10	0.2	2.27	5	389	0.5	5	0.42	0.2	49	7	36	12	2.36	0.34	23	15	0.41	224	1	0.04	14	0.04	5	41	0.15	74	46
144	13800E-17850N	5	0.2	2.23	12	465	0.6	5	0.49	0.2	54	7	36	17	2.35	0.37	25	14	0.41	217	1	0.04	18	0.05	4	45	0.15	78	44
145	17900	5	0.2	2.55	12	621	0.8	5	0.76	0.2	65	9	36	24	2.55	0.48	29	18	0.55	353	1	0.06	24	0.07	6	59	0.16	91	67
146	17950	15	0.2	2.39	9	557	0.7	5	0.77	0.2	65	9	37	23	2.46	0.44	29	16	0.49	353	1	0.05	21	0.08	6	59	0.16	83	56
147	13800E-18000N	5	0.2	0.62	11	862	0.3	5	4.06	0.5	32	5	13	20	0.68	0.10	8	6	0.35	2032	2	0.04	18	0.09	3	151	0.04	23	37
148	14200E-15850N	5	0.2	3.36	47	1165	1.5	5	0.40	0.9	60	17	28	35	3.63	0.96	29	25	0.58	774	2	0.04	43	0.12	18	81	0.11	145	149
152	14200E-15900N	15	0.2	2.68	6	725	0.8	5	0.62	0.2	75	10	39	24	2.75	0.42	35	19	0.49	550	1	0.05	21	0.07	7	54	0.21	97	62
153	15950	5	0.2	2.95	4	886	0.9	5	0.69	0.2	71	14	35	42	2.92	0.38	32	19	0.50	1081	1	0.06	27	0.08	7	63	0.18	100	70
154	16000 *	5	1.2	6.25	2	2290	2.1	5	0.90	0.8	70	16	48	116	4.69	0.57	32	37	0.66	708	2	0.05	83	0.15	13	82	0.17	157	110
155	16050	5	0.2	4.20	6	1318	1.2	5	0.58	0.2	75	10	40	49	3.18	0.59	35	29	0.59	314	1	0.05	40	0.07	8	56	0.18	118	69
156	14200E-16100N	5	0.2	2.91	3	802	0.8	5	0.48	0.2	66	7	33	23	2.32	0.47	30	25	0.46	211	1	0.04	22	0.04	5	47	0.17	91	50
157	14200E-16150N	5	0.2	2.81	6	740	0.8	5	0.45	0.2	67	8	34	20	2.24	0.47	31	24	0.47	200	1	0.04	20	0.04	7	47	0.17	89	45
158	16200	5	0.2	2.89	12	595	0.8	5	0.58	0.2	62	9	31	25	2.54	0.49	28	20	0.51	307	1	0.05	23	0.06	10	55	0.17	91	65
159	16250	5	0.2	2.78	10	691	0.9	5	0.60	0.2	68	10	34	27	2.58	0.47	31	19	0.50	452	1	0.05	23	0.05	9	56	0.17	91	66
160	16350	5	0.2	2.71	11	620	0.8	5	0.74	0.2	66	9	37	29	2.40	0.40	28	19	0.52	386	1	0.05	24	0.08	9	64	0.17	88	59
161	14200E-16400N *¤	5	0.4	0.95	10	794	0.7	5	2.09	1.5	45	11	13	34	1.10	0.11	13	6	0.25	2533	2	0.03	24	0.11	8	134	0.04	33	52
162	14200E-16450N	5	0.2	2.73	6	737	0.6	5	0.46	0.2	59	10	32	15	2.39	0.31	28	17	0.45	310	1	0.05	20	0.03	7	49	0.17	84	58
163	16500	5	0.2	2.18	8	373	0.4	5	0.39	0.2	58	6	30	8	2.02	0.22	26	16	0.34	184	1	0.04	12	0.02	6	43	0.17	76	41
164	16550	20	0.2	2.57	12	812	0.9	5	1.34	1.0	58	11	29	48	2.20	0.37	24	15	0.41	597	1	0.05	35	0.11	8	101	0.14	74	59
165	16600	5	0.2	2.92	9	897	0.9	5	1.01	0.6	70	10	31	39	2.48	0.45	30	19	0.52	466	1	0.06	31	0.09	11	79	0.17	90	66
166	14200E-16650N	5	0.2	3.12	11	715	0.7	5	0.82	0.3	64	9	31	25	2.40	0.41	27	22	0.52	250	1	0.06	25	0.06	10	65	0.18	95	66
167	14200E-16700N	5	0.2	3.17	14	866	0.9	5	0.82	0.4	64	10	36	32	2.70	0.39	28	21	0.55	422	1	0.06	30	0.05	10	59	0.16	99	72
168	16750	5	0.2	2.83	10	786	0.8	5	0.77	0.2	61	12	37	23	2.56	0.35	25	18	0.49	854	1	0.06	26	0.06	10	60	0.17	89	76
169	16800	5	0.2	2.43	9	445	0.5	5	0.51	0.2	58	9	40	11	2.22	0.24	25	17	0.40	238	1	0.05	15	0.05	8	46	0.18	80	62
170	16850	5	0.2	2.69	9	1065	0.8	5	0.37	0.3	54	10	34	19	2.31	0.35	26	20	0.40	537	1	0.06	22	0.07	10	41	0.16	82	101
171	14200E-16900N	5	0.2	3.25	7	802	0.9	5	0.64	0.2	68	13	34	27	3.03	0.50	30	22	0.60	759	1	0.06	27	0.06	13	63	0.20	108	79
172	14200E-16950N	5	0.2	2.77	4	644	0.7	5	0.46	0.2	63	11	37	14	2.60	0.27	29	20	0.41	413	1	0.04	19	0.05	9	50	0.20	91	92
173	17000	30	0.2	2.98	2	821	0.8	5	0.36	0.2	59	11	33	15	2.57	0.32	27	25	0.43	328	1	0.05	22	0.08	9	40	0.18	89	131
174	17050	10	0.2	2.57	9	615	0.7	5	0.47	0.2	64	10	29	18	2.41	0.27	28	16	0.41	463	1	0.06	19	0.05	7	51	0.17	83	50
175	17100	5	0.2	3.04	6	480	0.8	5	0.42	0.2	62	16	34	18	2.88	0.35	29	20	0.45	797	1	0.05	22	0.09	9	46	0.19	93	80
176	14200E-17150N	5	0.2	2.65	7	666	0.7	5	0.55	0.4	63	28	33	16	3.00	0.33	27	19	0.43	2530	2	0.05	19	0.10	8	58	0.19	97	102

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm	9109-053 Pg. 5 of 6
177	14200E-17200N	35	0.2	2.72	5	579	0.8	5	0.38	0.2	63	10	36	23	2.58	0.32	28	18	0.46	260	2	0.04	25	0.03	7	45	0.17	84	51	
178	17250	5	0.2	2.97	9	744	0.8	5	0.69	0.2	61	11	32	26	2.79	0.39	25	19	0.54	632	1	0.05	26	0.07	9	73	0.17	93	67	
179	17300	5	0.2	2.90	5	648	0.7	5	0.42	0.2	60	13	40	17	2.52	0.28	27	20	0.44	533	1	0.05	20	0.05	8	48	0.18	89	58	
180	17350	5	0.2	3.05	8	581	0.9	5	0.39	0.2	66	9	36	28	2.62	0.42	29	19	0.44	193	1	0.04	23	0.03	10	47	0.16	87	50	
181	14200E-17400N	5	0.2	3.14	2	538	0.8	5	0.37	0.2	57	8	31	19	2.61	0.41	28	20	0.46	215	1	0.05	21	0.03	9	48	0.18	89	53	
182	14200E-17450N	5	0.4	2.55	2	930	1.0	5	0.47	0.4	59	7	27	41	1.91	0.28	27	11	0.22	85	1	0.08	31	0.14	6	64	0.14	63	40	
183	17500	5	0.2	2.44	2	559	0.6	5	0.37	0.2	52	7	33	14	2.15	0.26	25	15	0.35	215	1	0.06	15	0.04	5	44	0.18	83	46	
184	17550	5	0.2	2.83	4	501	0.8	5	0.34	0.2	60	7	30	23	2.52	0.37	27	18	0.43	200	1	0.04	22	0.03	6	42	0.16	82	47	
185	17600	5	0.2	2.88	3	467	0.7	5	0.33	0.2	55	7	30	18	2.30	0.35	25	18	0.39	167	1	0.04	19	0.03	7	41	0.17	82	43	
186	14200E-17650N	5	0.2	2.87	2	515	0.7	5	0.43	0.2	61	6	32	14	2.26	0.40	28	18	0.41	164	1	0.05	17	0.05	6	47	0.18	88	48	
187	14200E-17700N	5	0.2	2.80	6	627	0.7	5	0.42	0.2	62	9	33	14	2.37	0.30	28	18	0.42	278	1	0.04	21	0.03	4	47	0.17	85	66	
188	17750	5	0.2	2.58	2	455	0.5	5	0.33	0.2	58	6	34	15	2.22	0.28	25	15	0.35	202	1	0.04	17	0.04	6	41	0.17	85	44	
189	17800	5	0.2	2.67	4	448	0.6	5	0.36	0.2	58	7	38	16	2.42	0.32	26	17	0.41	230	1	0.04	19	0.03	7	41	0.16	85	54	
190	17850	5	0.2	2.48	5	396	0.6	5	0.33	0.2	61	6	35	14	2.29	0.30	24	16	0.38	214	1	0.04	17	0.04	7	38	0.16	83	50	
191	14200E-17900N	5	0.2	2.40	10	503	0.6	5	0.48	0.3	54	8	29	17	1.81	0.30	26	14	0.33	290	1	0.05	14	0.07	10	48	0.17	80	49	
192	14200E-17950N	5	0.2	2.53	6	435	0.6	5	0.38	0.2	55	7	32	18	2.05	0.33	26	15	0.38	173	1	0.04	17	0.06	8	43	0.16	76	46	
193	14200E-18000N	5	0.2	2.46	10	391	0.6	5	0.40	0.2	57	7	32	18	2.15	0.33	27	16	0.41	191	1	0.04	16	0.04	7	43	0.16	76	42	
194	24800E-16000N	5	0.4	3.15	21	630	1.0	5	0.35	0.2	67	15	34	25	3.20	0.72	32	22	0.49	498	1	0.05	24	0.07	19	45	0.16	97	86	
195	16050	5	1.0	3.40	18	1247	1.1	5	0.58	2.6	66	20	31	30	2.57	0.73	31	22	0.48	989	2	0.05	24	0.12	17	72	0.14	122	138	
196	24800E-16100N	5	1.0	3.91	11	843	1.0	5	0.29	0.6	63	23	32	23	2.88	0.81	30	35	0.49	320	1	0.04	27	0.04	14	44	0.15	105	175	
197	24800E-16150N	5	0.6	3.35	12	575	0.9	5	0.27	0.2	61	11	34	20	2.56	0.52	28	20	0.47	212	1	0.04	21	0.04	10	37	0.15	87	105	
198	16200	5	0.4	3.31	7	908	0.9	5	0.31	0.2	64	13	35	14	2.40	0.42	30	16	0.43	325	1	0.04	20	0.04	12	38	0.14	87	140	
199	16250	5	0.4	3.46	8	762	0.9	5	0.33	0.3	66	12	38	14	2.39	0.51	31	15	0.43	262	1	0.04	18	0.04	16	43	0.15	90	137	
201	16300	10	0.2	3.61	3	629	0.9	5	0.33	0.2	54	12	33	14	2.75	0.48	28	18	0.46	257	1	0.04	19	0.04	13	43	0.16	92	146	
202	24800E-16350N	5	0.2	3.19	2	558	0.7	5	0.31	0.2	63	8	28	11	2.47	0.46	33	17	0.39	225	1	0.04	13	0.05	10	39	0.17	89	113	
203	24800E-16400N	10	1.0	4.00	2	582	0.9	5	0.32	0.2	61	11	34	19	3.15	0.55	32	25	0.51	248	1	0.04	17	0.04	11	45	0.18	107	149	
204	16450	5	1.0	3.77	33	612	0.7	5	0.32	0.2	63	8	33	15	3.18	0.60	32	22	0.50	291	1	0.04	15	0.04	25	44	0.19	108	87	
205	16500	5	0.2	4.39	4	634	1.6	5	0.32	0.2	62	11	26	15	3.49	0.44	32	35	0.65	309	1	0.03	18	0.09	14	43	0.15	106	201	
206	16550	5	0.4	3.51	13	587	1.0	5	0.33	0.4	64	12	35	21	3.51	0.65	31	23	0.50	384	1	0.05	20	0.08	13	48	0.18	107	88	
207	24800E-16600N	5	0.2	3.56	18	633	0.9	5	0.25	0.2	62	6	38	15	3.49	0.71	31	20	0.40	248	1	0.05	13	0.06	22	51	0.18	120	64	
208	24800E-16650N	10	1.0	4.92	75	990	2.4	5	0.34	2.7	82	19	32	30	4.46	1.19	41	45	0.66	621	3	0.04	31	0.10	87	95	0.14	116	557	
209	16700	20	0.8	4.50	38	1070	1.4	5	0.25	0.2	73	11	35	21	2.94	1.24	34	25	0.59	366	2	0.04	20	0.07	111	58	0.13	108	188	
210	16750	20	1.0	3.39	47	1199	0.9	5	0.64	4.4	76	9	48	34	2.29	0.73	34	22	0.56	274	1	0.05	31	0.12	25	61	0.15	191	271	
211	16800	10	1.2	3.82	27	1750	1.2	5	1.05	4.1	66	14	33	40	2.66	0.75	31	42	0.57	802	2	0.05	53	0.09	35	91	0.13	150	236	
212	24800E-16850N	180	1.8	5.05	530	1365	2.5	5	0.24	2.1	77	16	28	57	5.77	1.28	44	27	0.53	640	5	0.04	48	0.12	81	113	0.13	207	370	
213	24800E-16900N	5	0.6	4.02	16	890	1.0	5	0.32	0.2	59	8	33	18	2.92	0.65	30	24	0.47	197	1	0.05	21	0.04	15	61	0.17	128	84	
214	16950	15	0.4	3.76	32	938	1.3	5	0.45	0.8	73	12	26	30	3.22	0.74	36	23	0.61	381	1	0.06	32	0.05	26	77	0.17	124	146	
215	24800E-17000N	5	1.0	4.50	26	1271	1.3	5	0.35	1.0	65	9	35	20	2.59	0.87	33	23	0.44	267	1	0.07	22	0.06	15	74	0.15	134	106	
216	24900E-16500N	5	1.0	3.50	6	558	0.8	5	0.31	0.4	64	6	34	15	2.51	0.50	30	11	0.32	481	1	0.05	12	0.09	20	42	0.20	112	154	
217	24900E-16550N	5	0.2	3.75	10	760	1.1	5	0.25	0.2	65	8	34	17	3.02	0.84	32	25	0.39	211	1	0.04	18	0.05	25	43	0.17	117	81	
218	24900E-16600N	5	1.2	5.23	58	1207	1.9	5	0.19	0.7	76	17	28	34	3.81	1.46	41	22	0.53	645	2	0.05	24	0.09	85	64	0.13	123	150	
219	16650	35	1.8	7.17	117	1998	2.1	5	0.14	0.4	92	11	29	40	3.53	2.47	49	18	0.55	260	3	0.05	26	0.10	79	80	0.09	133	149	
220	16700	30	0.8	5.98	20	1668	1.8	5	0.18	0.8	82	9	35	28	2.52	1.91	40	22	0.56	213	1	0.04	21	0.08	50	57	0.09	116	113	
221	16800	490	8.2	4.57	588	1420	1.5	5	0.68	4.0	61	7	26	28	2.82	0.95	32	41	0.41	288	1	0.06	23	0.06	162	157	0.09	112	219	
222	24900E-16850N	15	1.6	3.96	122	407	1.6	5	0.34	2.2	53	7	26	19	3.52	0.50	30	20	0.44	282	1	0.04	17	0.05	42	54	0.13	96	371	

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
223	24900E-16900N	45	0.8	4.50	157	381	2.0	5	0.46	1.0	60	9	25	17	3.90	0.50	32	23	0.50	267	2	0.04	19	0.06	41	62	0.13	103	301
224	24900E-16950N	20	0.6	3.72	128	486	1.3	5	0.50	1.7	52	8	27	18	3.17	0.59	27	26	0.57	669	1	0.05	16	0.09	39	59	0.17	109	185
225	25100E-16500N	5	0.2	4.16	55	863	1.1	5	0.19	0.2	60	9	25	19	3.04	0.94	32	19	0.38	218	1	0.04	23	0.06	12	48	0.13	98	94
226	16550	45	0.2	5.00	253	1859	1.8	5	0.14	0.2	89	8	19	46	3.58	1.42	49	17	0.38	165	3	0.04	28	0.08	45	178	0.11	141	120
227	25100E-16600N	50	0.4	4.97	133	981	1.8	5	0.25	0.2	60	12	35	37	3.94	0.84	34	21	0.51	402	1	0.04	24	0.06	21	97	0.15	134	98
228	25100E-16650N	10	0.2	3.56	50	892	1.2	5	0.39	1.0	67	8	39	24	2.65	0.79	34	18	0.44	374	1	0.05	21	0.08	26	70	0.13	103	108
229	16700	230	1.6	4.25	467	838	1.3	5	0.35	0.5	58	9	37	17	2.36	0.98	28	17	0.38	640	1	0.06	13	0.08	64	66	0.10	111	92
230	16750	220	2.6	5.02	873	441	2.3	6	0.43	1.1	59	21	21	19	4.03	0.85	27	16	0.49	2086	1	0.03	14	0.12	110	51	0.06	107	236
231	16800	75	1.6	5.07	88	1747	1.6	5	0.46	3.5	73	13	26	33	2.42	1.31	35	21	0.46	475	1	0.05	28	0.08	47	74	0.09	155	181
232	25100E-16850N	25	1.2	3.48	171	308	1.3	5	0.39	0.4	49	7	25	16	3.16	0.38	26	22	0.61	275	1	0.03	15	0.06	34	44	0.15	97	149
233	25100E-16900N	5	1.0	3.56	334	350	1.4	5	0.36	0.6	52	7	24	19	3.16	0.53	28	22	0.59	330	1	0.05	12	0.05	32	49	0.15	99	133
234	16950	170	2.8	4.23	376	469	2.3	5	0.66	2.6	88	11	28	31	3.76	0.76	45	28	0.55	759	2	0.04	16	0.07	103	67	0.13	113	290
235	25100E-17000N	15	2.0	3.64	206	384	1.5	5	0.41	0.3	70	8	28	21	3.30	0.66	35	25	0.57	265	1	0.05	17	0.05	43	51	0.14	98	123
236	25200E-16000N	35	0.4	3.25	123	902	1.1	5	0.24	0.4	71	9	32	30	2.91	0.88	35	15	0.38	282	1	0.04	19	0.07	29	49	0.14	95	98
237	25200E-16050N	5	0.4	3.98	77	1005	1.1	5	0.27	0.2	75	10	33	30	3.18	1.02	37	21	0.50	293	1	0.05	19	0.07	25	62	0.15	102	95
238	25200E-16100N	5	0.4	4.12	62	1144	1.0	5	0.25	0.3	68	7	34	24	2.62	0.93	33	17	0.44	206	1	0.05	15	0.09	23	74	0.14	103	92
239	16150	5	0.6	3.30	33	853	1.0	5	0.39	0.4	63	9	38	21	2.34	0.81	30	17	0.48	364	1	0.04	17	0.06	28	49	0.13	90	95
240	16200	5	1.8	4.35	60	1160	1.3	5	0.15	0.4	71	7	32	38	3.58	1.14	36	19	0.43	213	1	0.04	16	0.06	266	61	0.08	89	238
241	16250	5	0.2	4.08	15	864	1.1	5	0.22	0.2	56	10	30	23	3.34	0.83	29	31	0.48	292	1	0.04	20	0.08	25	48	0.14	98	188
242	25200E-16300N	5	0.4	3.11	20	603	0.8	5	0.31	0.2	59	6	32	15	2.38	0.65	28	22	0.43	191	1	0.04	16	0.04	21	44	0.15	86	76
243	25200E-16350N	10	0.4	3.73	74	959	1.1	5	0.31	0.2	67	6	26	18	2.37	0.84	32	18	0.39	188	1	0.05	18	0.05	12	83	0.14	101	78
244	16400	15	0.4	5.35	46	2036	1.7	5	0.20	0.7	70	10	19	26	2.79	1.42	36	23	0.32	243	1	0.10	35	0.07	25	153	0.09	137	176
245	16450	130	0.8	3.89	22	498	1.3	5	0.37	0.2	60	6	23	13	2.70	0.63	27	20	0.39	239	1	0.04	14	0.05	51	59	0.14	90	134
246	16500	10	0.8	9.27	11	452	5.9	5	0.15	0.4	70	8	7	20	5.03	1.18	37	21	0.35	282	1	0.02	21	0.12	63	36	0.08	121	257
247	25200E-16550N	5	0.6	5.29	18	408	2.2	5	0.33	1.5	55	10	27	16	4.17	0.50	25	23	0.48	440	2	0.03	21	0.13	38	48	0.14	114	379
248	25200E-16600N	5	0.4	3.56	18	453	1.3	5	0.36	0.4	53	10	42	18	3.40	0.46	24	25	0.52	427	1	0.04	26	0.05	20	46	0.17	103	153
249	16650	480	0.4	4.94	1134	276	2.8	6	0.32	2.2	72	14	33	32	6.26	0.42	32	46	0.69	732	1	0.03	21	0.13	114	33	0.11	147	347
251	16700	5	0.4	4.60	74	290	2.1	5	0.95	1.1	68	11	24	23	4.06	0.38	34	31	0.64	620	3	0.03	15	0.13	32	64	0.08	127	291
252	16750	30	0.8	4.04	323	342	1.9	5	0.82	1.9	73	10	22	21	3.53	0.47	35	26	0.66	445	2	0.03	14	0.12	32	62	0.12	109	402
253	25200E-16800N	5	0.8	3.18	134	450	1.6	5	1.14	2.1	91	9	26	20	2.76	0.45	44	21	0.49	877	2	0.04	15	0.11	28	80	0.11	93	194
254	25200E-16850N	30	1.0	4.03	375	355	1.1	5	0.33	0.5	54	4	21	14	2.07	0.45	27	13	0.30	147	1	0.04	9	0.04	33	52	0.14	100	137
255	16900	60	2.0	4.16	378	413	2.6	8	1.12	1.1	100	10	23	35	3.66	0.73	51	29	0.71	552	2	0.04	16	0.10	90	82	0.13	102	252
256	25200E-16950N	40	1.4	3.98	738	308	2.0	11	0.86	1.0	77	10	23	30	3.89	0.40	33	38	0.86	352	2	0.04	14	0.08	114	83	0.15	103	229

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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GEOCHEMICAL ANALYSIS CERTIFICATE Brewery

Noranda Exploration Co. Ltd. PROJECT 9109-053 327 FILE # 91-4976 Page 1
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Hg ppb
L 13000E 18000N	15
L 13000E 18050N	5
L 13000E 18100N	25
L 13000E 18150N	45
L 13000E 18200N	15
L 13000E 18250N	60
RE L 13000E 18500N	15
L 13000E 18300N	10
L 13000E 18350N	15
L 13000E 18400N	25
L 13000E 18450N	15
L 13000E 18500N	15
L 13000E 18550N	15
L 13000E 18600N	85
L 13000E 18650N	20
L 13000E 18700N	20
L 13000E 18750N	10
L 13000E 18800N	10
L 13000E 18850N	15
L 13000E 18900N	30
L 13000E 18950N	25
L 13000E 19000N	20
L 13000E 19050N	25
L 13000E 19100N	40
L 13000E 19150N	55
L 13000E 19200N	55
L 13000E 19250N	40
L 13000E 19300N	10
L 13000E 19350N	10
L 13000E 19400N	20
L 13000E 19450N	60
L 13000E 19500N	10
L 13000E 19550N	15
L 13000E 19600N	25
L 13000E 19650N	15
L 13000E 19700N	35
L 13000E 19750N	70
STANDARD C	1300

- SAMPLE TYPE: SOIL PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 8 1991 DATE REPORT MAILED: Oct 10/91.

SIGNED BY C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
L 13000E 19800N	35
L 13000E 19850N	55
L 13000E 19900N	15
L 13000E 19950N	40
L 13000E 20000N	35
L 13000E 20050N	20
L 13000E 20100N	30
RE L 13000E 20350N	20
L 13000E 20150N	20
L 13000E 20200N	10
L 13000E 20250N	25
L 13000E 20300N	25
L 13000E 20350N	15
L 13000E 20400N	5
L 13000E 20450N	10
L 13000E 20500N	45
L 13000E 20550N	30
L 13000E 20600N	5
L 13000E 20650N	5
L 13000E 20700N	5
L 13000E 20750N	10
L 13000E 20800N	5
L 13000E 20850N	10
L 13000E 20900N	10
L 13000E 20950N	15
L 13000E 21000N	20
L 13400E 18000N	20
L 13400E 18050N	25
L 13400E 18100N	10
L 13400E 18150N	5
L 13400E 18200N	10
L 13400E 18250N	5
L 13400E 18300N	20
L 13400E 18350N	15
L 13400E 18400N	15
L 13400E 18450N	25
L 13400E 18500N	5
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
L 13400E 18550N	10
L 13400E 18600N	10
L 13400E 18650N	15
L 13400E 18700N	10
L 13400E 18750N	10
L 13400E 18800N	20
L 13400E 18850N	15
L 13400E 18900N	15
L 13400E 18950N	5
L 13400E 19000N	5
L 13400E 19050N	15
L 13400E 19100N	20
L 13400E 19150N	5
L 13400E 19200N	25
L 13400E 19250N	20
L 13400E 19300N	65
L 13400E 19350N	5
L 13400E 19400N	10
L 13400E 19450N	40
RE L 13400E 19250N	10
L 13400E 19500N	35
L 13400E 19550N	30
L 13400E 19600N	30
L 13400E 19650N	25
L 13400E 19700N	45
L 13400E 19750N	15
L 13400E 19800N	20
L 13400E 19850N	25
L 13400E 19900N	35
L 13400E 19950N	50
L 13400E 20000N	5
L 13400E 20050N	10
L 13400E 20100N	25
L 13400E 20150N	25
L 13400E 20200N	55
L 13400E 20250N	70
L 13800E 16200N	25
STANDARD C	1400

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
L 13800E 16250N	95
L 13800E 16300N	5
L 13800E 16350N	40
L 13800E 16400N	40
L 13800E 16450N	20
RE L 13800E 16700N	25
L 13800E 16500N	30
L 13800E 16550N	55
L 13800E 16600N	25
L 13800E 16650N	25
L 13800E 16700N	15
L 13800E 16750N	5
L 13800E 16800N	10
L 13800E 16850N	10
L 13800E 16900N	15
L 13800E 16950N	10
L 13800E 17000N	30
L 13800E 17050N	55
L 13800E 17100N	15
L 13800E 17150N	25
L 13800E 17200N	10
L 13800E 17250N	15
L 13800E 17300N	10
L 13800E 17350N	10
L 13800E 17400N	15
L 13800E 17450N	35
L 13800E 17500N	20
L 13800E 17550N	65
L 13800E 17600N	5
L 13800E 17650N	25
L 13800E 17700N	35
L 13800E 17750N	25
L 13800E 17800N	10
L 13800E 17850N	10
L 13800E 17900N	25
L 13800E 17950N	25
L 13800E 18000N	40
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
L 14200E 15850N	35
L 14200E 15900N	20
L 14200E 15950N	35
RE L 14200E 16150N	15
L 14200E 16000N	65
L 14200E 16050N	20
L 14200E 16100N	20
L 14200E 16150N	10
L 14200E 16200N	25
L 14200E 16250N	30
L 14200E 16350N	20
L 14200E 16400N	90
L 14200E 16450N	5
L 14200E 16500N	5
L 14200E 16550N	35
L 14200E 16600N	25
L 14200E 16650N	20
L 14200E 16700N	15
L 14200E 16750N	15
L 14200E 16800N	10
L 14200E 16850N	5
L 14200E 16900N	50
L 14200E 16950N	15
L 14200E 17000N	5
L 14200E 17050N	15
L 14200E 17100N	15
L 14200E 17150N	5
L 14200E 17200N	5
L 14200E 17250N	20
L 14200E 17300N	10
L 14200E 17350N	50
L 14200E 17400N	25
L 14200E 17450N	80
L 14200E 17500N	40
L 14200E 17550N	65
L 14200E 17600N	15
L 14200E 17650N	20
STANDARD C	1500

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
L 14200E 17700N	25
L 14200E 17750N	50
L 14200E 17800N	30
RE L 24800E 16000N	35
L 14200E 17850N	5
L 14200E 17900N	25
L 14200E 17950N	15
L 14200E 18000N	10
L 24800E 16000N	30
L 24800E 16050N	90
L 24800E 16100N	20
L 24800E 16150N	5
L 24800E 16200N	10
L 24800E 16250N	5
L 24800E 16300N	5
L 24800E 16350N	5
L 24800E 16400N	15
L 24800E 16450N	10
L 24800E 16500N	10
L 24800E 16550N	20
L 24800E 16600N	5
L 24800E 16650N	40
L 24800E 16700N	40
L 24800E 16750N	95
L 24800E 16800N	170
L 24800E 16850N	200
L 24800E 16900N	25
L 24800E 16950N	35
L 24800E 17000N	30
L 24900E 16500N	15
L 24900E 16550N	15
L 24900E 16600N	30
L 24900E 16650N	105
L 24900E 16700N	135
L 24900E 16800N	510
L 24900E 16850N	45
L 24900E 16900N	60
STANDARD C	1500

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
L 24900E 16950N	20
L 25100E 16500N	10
L 25100E 16550N	25
L 25100E 16600N	25
L 25100E 16650N	135
L 25100E 16700N	240
L 25100E 16750N	165
L 25100E 16800N	240
L 25100E 16850N	30
L 25100E 16900N	35
L 25100E 16950N	70
L 25100E 17000N	50
L 25200E 16000N	25
L 25200E 16050N	25
L 25200E 16100N	35
L 25200E 16150N	15
L 25200E 16200N	20
L 25200E 16250N	10
L 25200E 16300N	20
L 25200E 16350N	45
L 25200E 16400N	55
RE L 25200E 16200N	15
L 25200E 16450N	30
L 25200E 16500N	50
L 25200E 16550N	25
L 25200E 16600N	25
L 25200E 16650N	115
L 25200E 16700N	70
L 25200E 16750N	100
L 25200E 16800N	165
L 25200E 16850N	115
L 25200E 16900N	145
L 25200E 16950N	40
STANDARD C	1600

Sample type: SOIL PULP. Samples beginning 'RE' are duplicate samples.

NORANDA VANCOUVER LABORATORY
Geochemical Analysis

Project Name & No.: BREWERY - 330 **Geol.:** G.Mc. **Date received:** OCT. 03 **LAB CODE:** 9110-012
Material: 287 SOILS **Sheet:** 1 of 7 **Date completed:** OCT. 15
Remarks: * Sample screened @ -35 MESH (0.5 mm)
% Organic, Δ Humus, S Sulfide Au - 10.0 g sample digested with aqua-regia and determined by A.A. (D.L. 5 PPB)

ICP - 0.2 g sample digested with 3 ml $HClO_4$:HNO_3 (4:1) at 203 °C for 4 hours diluted to 11 ml with water. Leeman PS3000 ICP determined elemental contents.
N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method. *Sb - Aqua Regia/Tartaric acid /AA

T. a.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
	13400E-20300N	5	0.2	2.98	3	597	0.9	5	0.54	0.2	67	8	41	24	2.51	0.45	31	18	0.48	293	1	0.05	19	0.04	6	1	59	0.16	92	49
	20350	5	0.4	2.94	6	631	0.8	5	0.63	0.2	61	10	38	22	2.63	0.36	26	19	0.49	381	1	0.05	20	0.05	8	4	57	0.17	93	57
	20400	5	0.2	2.82	5	565	0.7	5	0.57	0.2	64	9	40	20	2.58	0.32	29	18	0.50	317	1	0.06	19	0.04	7	1	55	0.19	93	54
	20450	5	0.2	2.88	5	583	0.8	5	0.61	0.2	64	10	37	23	2.64	0.45	29	20	0.57	301	1	0.05	21	0.04	8	1	59	0.18	95	60
	13400E-20500N	5	0.4	2.51	7	541	0.6	5	0.40	0.2	62	15	37	21	2.39	0.21	27	15	0.40	812	1	0.06	19	0.03	8	1	46	0.19	86	47
	13400E-20550N	5	0.2	1.93	2	319	0.4	5	0.42	0.2	59	6	34	8	1.43	0.17	26	10	0.25	196	1	0.05	8	0.02	6	1	49	0.20	71	38
	20600	5	0.4	2.10	4	347	0.5	5	0.35	0.2	53	6	34	12	2.06	0.28	23	14	0.38	206	1	0.04	12	0.02	5	2	39	0.15	69	38
	20650	5	0.2	2.52	3	400	0.5	5	0.33	0.2	64	5	33	10	1.89	0.44	29	12	0.33	174	1	0.04	10	0.02	7	1	48	0.16	76	32
	20700	5	0.2	2.17	5	305	0.4	5	0.33	0.2	57	5	35	9	1.88	0.30	26	11	0.31	170	1	0.04	10	0.02	5	2	43	0.16	77	31
	13400E-20750N	5	0.4	3.29	2	841	0.7	5	0.15	0.2	60	3	26	10	1.35	1.03	30	8	0.27	85	2	0.03	6	0.03	8	1	61	0.11	71	21
	13400E-20800N	5	0.4	2.57	2	365	0.5	5	0.35	0.2	49	5	37	12	1.97	0.34	22	13	0.37	177	1	0.04	12	0.03	5	1	41	0.15	80	38
	20850	5	0.2	2.80	2	529	0.6	5	0.50	0.2	61	10	43	15	2.46	0.32	27	19	0.49	288	1	0.05	19	0.03	5	1	55	0.19	92	54
	20850 DUP?	5	0.2	2.92	3	528	0.7	5	0.41	0.2	63	7	39	19	2.39	0.49	29	17	0.46	224	1	0.05	17	0.03	7	1	53	0.17	91	46
	20900	5	0.2	3.13	5	862	0.8	5	0.31	0.2	69	6	32	19	2.20	0.70	33	16	0.40	186	2	0.04	14	0.03	8	1	55	0.13	100	44
	13400E-20950N	5	0.4	3.08	5	606	0.8	5	0.43	0.2	68	8	36	21	2.50	0.55	30	19	0.50	227	1	0.05	17	0.04	9	1	52	0.17	96	50
	13400E-21000N	5	0.2	2.43	5	502	0.7	5	0.44	0.2	62	7	33	20	2.32	0.47	27	15	0.44	246	1	0.04	18	0.05	7	1	48	0.15	82	52
	14500E-22000N	5	0.4	2.61	8	645	0.6	5	0.42	0.5	63	6	36	17	2.20	0.43	28	17	0.42	209	2	0.04	17	0.05	7	1	52	0.17	108	71
	22050	5	0.4	2.41	6	935	0.8	5	0.45	0.5	64	8	35	25	2.07	0.46	27	16	0.40	247	1	0.04	20	0.06	7	1	55	0.15	103	68
	22100	5	0.4	2.99	9	822	0.8	5	0.40	0.4	65	7	37	21	2.38	0.50	29	20	0.44	192	1	0.04	22	0.06	10	1	56	0.17	123	90
	14500E-22150N	5	0.6	2.95	8	738	0.8	5	0.44	0.2	60	9	43	26	2.59	0.37	29	19	0.48	260	1	0.04	22	0.05	10	1	51	0.16	105	88
	14500E-22200N	5	0.4	3.09	8	837	1.0	5	0.40	0.5	69	22	44	35	2.72	0.37	29	18	0.44	1373	2	0.05	28	0.06	9	1	50	0.17	120	123
	22250	5	0.4	2.93	7	630	0.7	5	0.42	0.5	61	7	40	22	2.56	0.42	28	19	0.47	227	2	0.04	21	0.06	8	1	49	0.16	104	83
	22300	5	0.4	3.16	6	1078	1.0	5	0.38	0.6	66	11	44	32	2.65	0.52	33	20	0.40	319	3	0.04	25	0.09	9	1	58	0.17	156	134
	22350	5	0.4	3.98	10	1100	1.0	5	0.37	0.2	58	10	46	38	3.42	0.52	29	26	0.53	232	4	0.05	35	0.08	12	1	56	0.17	174	131
	14500E-22400N	10	0.4	3.16	6	771	0.8	5	0.40	0.2	59	10	36	25	2.79	0.37	27	18	0.46	322	2	0.04	25	0.05	9	1	50	0.17	106	78
	14500E-22450N	5	0.2	2.98	8	739	0.7	5	0.40	0.2	60	7	39	19	2.61	0.45	29	18	0.41	213	2	0.05	22	0.06	9	1	55	0.18	128	86
	22500	5	0.2	3.32	9	812	0.8	5	0.39	0.2	67	8	37	25	2.75	0.48	31	21	0.45	194	2	0.04	24	0.07	10	1	55	0.18	128	94
	22550	5	0.2	2.72	6	972	0.9	5	0.46	0.6	72	7	37	33	2.38	0.54	33	17	0.40	198	2	0.04	26	0.08	7	1	63	0.17	126	121
	22600	5	0.2	3.32	4	1324	1.0	5	0.37	0.7	60	8	44	40	2.70	0.62	28	18	0.35	159	3	0.04	34	0.10	10	1	65	0.16	171	148
	14500E-22650N	5	0.2	3.44	2	911	0.9	5	0.34	0.2	51	8	45	30	2.62	0.50	27	21	0.45	210	2	0.04	28	0.05	5	1	55	0.15	138	114
	14500E-22700N	5	0.2	3.42	5	1047	0.9	5	0.37	0.5	51	8	49	23	2.76	0.51	27	23	0.39	220	1	0.04	25	0.12	5	1	59	0.15	165	135
	22750	5	0.4	3.13	2	775	0.7	5	0.41	0.2	52	9	40	15	2.70	0.31	26	18	0.40	265	1	0.04	21	0.07	7	1	59	0.17	110	98
	22800	5	0.4	3.37	10	658	0.9	5	0.35	0.2	49	9	42	19	3.25	0.35	25	22	0.45	315	1	0.04	23	0.08	8	1	45	0.17	120	106
	22850	5	0.2	2.57	6	1106	0.9	5	0.33	0.8	56	10	41	35	2.48	0.59	29	15	0.27	228	3	0.03	34	0.14	5	1	70	0.15	167	185
	14500E-22900N	5	0.2	2.75	5	538	0.7	5	0.38	0.2	65	7	34	23	2.22	0.49	31	16	0.41	189	1	0.04	21	0.07	6	1	48	0.16	93	76

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SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
14500E-22950N	5	0.2	3.17	7	709	0.7	5	0.35	0.5	58	10	35	19	2.92	0.38	26	21	0.48	234	1	0.04	25	0.04	8	1	47	0.17	97	63
23000	5	0.2	3.73	8	817	1.0	5	0.34	0.3	54	10	43	35	3.07	0.50	28	21	0.44	229	2	0.04	32	0.10	7	1	55	0.17	186	128
23050	5	0.2	2.81	4	806	0.8	5	0.32	0.4	62	8	35	32	2.21	0.50	32	16	0.35	172	1	0.03	28	0.06	7	1	52	0.16	127	139
23100	5	0.2	3.13	7	1176	1.1	5	0.33	0.7	54	12	46	35	2.91	0.66	27	20	0.42	262	3	0.03	35	0.15	7	1	62	0.17	189	180
14500E-23150N	5	0.2	3.11	3	928	0.8	5	0.43	0.6	62	9	50	34	2.36	0.56	29	19	0.42	240	2	0.04	27	0.10	9	1	62	0.14	155	143
14500E-23200N	5	0.2	4.18	4	1307	1.2	5	0.47	0.7	66	11	54	48	3.02	0.67	32	25	0.53	250	3	0.05	38	0.11	12	1	68	0.16	200	194
23250	5	0.2	3.50	5	801	0.9	5	0.64	0.2	66	10	44	32	3.07	0.58	31	23	0.63	329	2	0.06	27	0.09	10	1	67	0.19	133	112
23300	5	0.4	3.34	4	876	0.8	5	0.60	0.3	63	10	47	31	2.90	0.53	30	20	0.52	371	3	0.06	25	0.10	9	1	66	0.19	146	103
23350	5	0.2	3.27	9	1023	1.0	5	0.49	1.1	64	8	38	45	2.19	0.64	29	21	0.51	220	2	0.05	26	0.08	9	1	62	0.18	152	100
14500E-23400N	5	0.2	5.01	2	1822	1.3	5	0.69	0.3	72	22	50	54	4.41	0.73	34	39	0.79	591	3	0.05	49	0.15	10	1	60	0.33	221	156
14500E-23450N	5	0.2	3.83	6	2146	0.9	5	1.48	0.2	74	17	30	36	3.20	0.92	29	18	0.56	480	1	0.05	32	0.10	7	1	55	0.22	152	66
23500	5	0.2	5.96	2	4406	1.4	5	1.01	0.2	74	24	19	68	6.72	2.11	33	17	0.74	635	3	0.05	69	0.34	7	1	49	0.22	329	152
23550	5	0.2	4.21	5	547	1.5	5	1.04	0.2	84	27	26	62	6.00	0.22	33	62	1.83	748	1	0.07	31	0.09	3	1	50	0.22	232	104
23600	5	0.2	2.57	3	632	0.7	5	0.94	0.2	60	13	37	35	3.14	0.25	22	23	0.64	327	1	0.04	23	0.04	2	1	47	0.21	108	46
14500E-23650N	5	0.2	2.99	2	3251	0.8	5	1.00	0.2	44	16	26	38	4.51	0.34	20	36	1.17	523	1	0.04	23	0.08	2	1	41	0.48	138	65
14500E-23700N	5	0.2	2.42	4	655	0.5	5	0.49	0.2	50	7	38	16	2.36	0.31	24	22	0.49	337	1	0.04	18	0.04	2	1	46	0.18	79	52
23750	5	0.2	3.25	2	4603	0.7	5	0.42	0.2	46	20	35	21	3.90	0.38	22	27	0.61	761	1	0.06	22	0.07	4	1	36	0.21	133	81
23800	5	0.2	3.54	2	1355	0.7	5	0.39	0.2	33	16	33	33	4.77	0.51	16	38	0.99	402	1	0.04	24	0.08	2	1	30	0.21	172	73
23850	5	0.2	3.10	3	1582	0.6	5	0.51	0.2	53	11	45	22	2.85	0.34	25	26	0.65	235	1	0.05	36	0.04	5	1	45	0.17	98	56
14500E-23900N	5	0.2	3.44	4	4126	0.7	5	0.42	0.2	59	10	43	34	2.98	0.44	29	28	0.63	214	1	0.05	29	0.06	5	1	60	0.18	111	76
14500E-23950N	5	0.2	3.24	5	4344	0.5	5	0.40	0.2	48	9	42	27	2.61	0.40	23	27	0.60	184	1	0.06	25	0.05	6	1	49	0.18	98	55
14500E-24000N	5	0.2	3.56	6	848	0.6	5	0.31	0.2	49	9	35	25	3.10	0.35	25	23	0.52	235	1	0.04	25	0.04	8	1	42	0.17	99	61
15000E-22000N **	5	0.2	1.53	7	610	0.5	5	2.82	0.3	56	15	68	36	2.12	0.12	22	20	0.39	1128	1	0.05	50	0.06	2	1	91	0.09	66	56
22100	5	0.2	2.56	11	911	0.7	5	0.98	0.8	55	13	56	27	2.44	0.33	24	27	0.59	577	1	0.03	36	0.07	9	1	64	0.15	108	117
15000E-22150N	5	0.2	2.33	12	860	0.7	5	1.32	0.6	50	12	35	33	1.99	0.38	19	26	0.43	579	2	0.03	29	0.07	9	1	82	0.07	76	65
15000E-22200N	5	0.2	2.91	6	820	0.9	5	0.50	0.2	62	10	31	27	2.93	0.43	29	22	0.51	313	1	0.04	25	0.03	11	1	50	0.13	85	136
22250	5	0.2	4.33	309	1473	1.3	5	0.55	0.2	61	15	26	39	4.08	0.86	28	87	0.44	428	2	0.03	35	0.06	29	10	60	0.10	125	71
22300	5	0.2	5.29	2	1562	1.8	5	0.68	0.2	86	12	25	21	3.18	1.23	47	33	1.15	463	1	0.03	27	0.05	32	1	31	0.10	68	67
22350	5	0.2	2.86	10	931	0.8	5	0.30	0.2	68	7	28	18	2.44	0.65	34	28	0.37	182	1	0.03	18	0.04	13	6	56	0.13	83	50
15000E-22400N	5	0.2	2.45	13	684	0.6	5	0.40	0.2	55	10	28	9	2.20	0.27	25	19	0.40	186	1	0.03	17	0.04	11	2	43	0.14	72	68
15000E-22450N	5	0.2	2.92	8	1127	0.7	5	0.32	0.2	48	26	39	23	2.83	0.31	21	28	0.47	1407	1	0.04	33	0.07	11	2	34	0.15	84	64
22500	5	0.2	1.91	4	446	0.5	5	0.20	0.2	46	7	25	11	1.87	0.23	21	14	0.20	202	1	0.03	15	0.03	9	1	34	0.13	61	48
22550	5	0.2	2.46	3	465	0.7	5	0.23	0.2	47	6	26	18	2.19	0.33	22	18	0.37	183	1	0.03	18	0.02	8	1	29	0.12	66	48
22600	5	0.2	2.83	2	857	0.5	5	0.37	0.2	62	11	42	15	2.50	0.36	29	26	0.47	415	1	0.04	22	0.03	9	1	44	0.16	81	116
15000E-22650N	5	0.2	2.93	10	1255	0.7	5	0.63	0.2	69	7	34	19	3.03	0.33	34	25	0.90	261	1	0.05	15	0.10	5	1	49	0.13	81	57
15000E-22700N	5	0.2	2.35	6	658	0.5	5	0.69	0.2	54	7	40	15	2.17	0.34	23	18	0.47	300	1	0.04	18	0.05	6	1	50	0.16	106	62
22750	5	0.2	3.01	5	1170	0.6	5	0.90	0.3	56	9	45	22	2.87	0.30	25	37	0.61	242	2	0.05	29	0.05	6	1	56	0.19	109	72
22800	5	0.2	2.56	10	818	0.7	5	1.21	0.4	62	9	42	30	2.37	0.33	25	22	0.48	387	1	0.05	24	0.07	9	1	68	0.16	148	58
22850	5	0.2	2.42	7	724	0.7	5	0.62	0.2	65	9	31	23	2.33	0.34	29	18	0.90	252	1	0.05	22	0.05	9	1	49	0.16	74	52
15000E-22900N	5	0.2	2.57	2	1369	0.7	5	1.80	0.3	67	11	55	50	2.38	0.22	28	23	0.61	447	1	0.07	60	0.10	8	1	75	0.15	83	49
15000E-22950N	5	0.2	3.32	4	1043	0.7	5	0.73	0.2	59	17	104	32	3.19	0.26	25	27	0.84	346	1	0.05	71	0.03	10	1	44	0.27	104	98
23000	5	0.2	3.37	5	901	0.6	5	0.63	0.2	55	15	61	28	3.20	0.24	24	25	0.79	287	1	0.04	45	0.04	12	1	42	0.20	108	58
23050	5	0.2	3.12	5	795	0.6	5	0.50	0.2	57	16	50	17	2.95	0.22	25	20	0.52	382	1	0.04	26	0.04	10	1	41	0.19	94	48
23100	5	0.2	3.00	2	584	0.6	5	0.40	0.2	49	8	41	14	2.80	0.29	26	22	0.50	226	1	0.04	17	0.03	4	1	43	0.17	92	45
15000E-23150N	5	0.2	3.42	2	977	0.7	5	0.74	0.2	56	11	44	26	3.23	0.37	27	28	0.69	346	1	0.05	24	0.05	6	1	52	0.20	114	54

T.	SAMPLE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	*Sb	Sr	Ti	V	Zn
o.	No.	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm
	15000E-23200N	5	0.2	2.68	4	697	0.6	5	0.56	0.2	63	9	35	24	2.36	0.40	31	22	0.59	268	1	0.04	18	0.05	5	1	48	0.20	96	46
	23250	5	0.2	2.34	6	446	0.6	5	0.50	0.2	60	7	30	18	2.14	0.39	26	17	0.47	174	1	0.04	18	0.07	5	1	46	0.16	75	47
	23300	5	0.2	2.54	6	469	0.6	5	0.52	0.2	62	7	31	19	2.50	0.40	27	17	0.46	160	1	0.05	18	0.08	5	1	48	0.16	79	50
	23350	5	0.2	2.51	4	460	0.6	5	0.47	0.2	61	6	22	21	2.19	0.40	25	15	0.39	138	1	0.06	17	0.05	7	2	46	0.11	69	46
	15000E-23400N	5	0.2	2.92	5	608	0.8	5	0.57	0.3	79	9	38	28	2.53	0.49	35	20	0.55	236	2	0.05	26	0.08	8	1	56	0.22	103	88
	15000E-23450N	5	0.2	2.72	8	578	0.7	5	0.47	0.3	68	8	31	23	2.38	0.44	29	19	0.49	211	1	0.05	22	0.07	8	1	48	0.20	99	81
	23500	5	0.2	3.28	9	960	0.8	5	0.55	0.6	74	11	38	30	2.84	0.52	33	23	0.58	258	3	0.05	29	0.09	10	1	56	0.19	122	102
	23550	5	0.2	2.84	8	922	0.7	5	0.68	0.7	75	16	38	19	2.61	0.47	31	21	0.57	935	2	0.05	27	0.08	8	1	58	0.18	101	80
	23600	5	0.2	3.12	6	1062	0.7	5	0.80	0.2	63	13	53	25	3.14	0.45	30	24	0.71	441	1	0.06	29	0.10	11	1	68	0.21	121	90
	15000E-23650N	5	0.2	2.82	2	829	0.6	5	0.68	0.2	56	13	45	24	2.66	0.44	26	22	0.57	550	1	0.06	23	0.09	7	1	53	0.21	113	83
	15000E-23700N	5	0.2	2.62	4	1657	1.2	5	4.92	0.9	89	38	40	142	3.24	0.42	37	26	0.62	2616	2	0.07	31	0.14	3	1	75	0.17	191	136
	23750	5	0.2	3.27	2	4460	1.1	5	3.24	0.2	105	52	23	124	5.79	0.23	46	42	1.21	2183	2	0.08	35	0.16	3	1	65	0.24	194	130
	23800	5	0.2	3.55	4	1696	0.8	5	0.72	0.2	60	15	34	26	3.55	0.51	28	28	0.60	496	1	0.06	25	0.06	6	1	59	0.23	155	121
	23850	5	0.4	3.34	5	1218	0.7	5	0.52	0.9	55	13	36	24	3.18	0.58	27	22	0.53	443	2	0.05	24	0.09	8	1	51	0.19	155	129
	15000E-23900N	5	0.6	3.64	10	1007	0.9	5	0.39	0.4	59	8	41	31	3.56	0.52	28	24	0.55	243	2	0.05	23	0.12	12	1	49	0.19	260	73
	15000E-23950N	5	0.2	5.16	16	3530	1.4	5	0.06	0.2	93	4	14	33	2.98	1.80	47	16	0.44	43	10	0.05	12	0.12	26	1	124	0.12	163	58
	15000E-24000N	5	0.2	3.07	4	946	0.7	5	0.30	0.2	64	6	29	19	2.15	0.75	30	20	0.43	165	1	0.05	14	0.04	11	1	58	0.15	96	48
11	15500E-22000N	5	0.2	3.91	17	5184	1.2	5	0.38	0.2	64	14	61	45	3.49	0.80	34	31	0.60	268	3	0.06	38	0.09	11	4	80	0.16	156	141
12	22050	5	0.2	5.33	2	3358	1.4	6	1.10	0.2	68	37	32	44	7.72	0.33	29	78	2.40	1465	2	0.07	45	0.08	3	1	57	0.53	261	146
13	15500E-22150N	5	0.2	5.04	43	1901	1.1	5	1.87	0.2	73	30	74	45	5.68	0.68	31	102	1.21	1053	2	0.04	57	0.15	5	4	86	0.19	225	96
14	15500E-22250N	5	0.2	4.96	2	1319	1.4	5	1.15	0.2	86	18	35	39	4.89	0.56	40	50	0.84	823	1	0.06	33	0.07	7	1	94	0.17	155	67
15	22300	25	0.2	9.10	321	4913	2.4	6	0.67	0.2	73	55	130	117	9.69	2.11	50	177	0.66	1351	3	0.07	237	0.09	5	28	71	0.07	258	96
16	22350	5	0.2	3.89	4	918	1.0	5	1.19	0.2	82	13	42	69	3.74	0.62	50	36	0.87	375	1	0.06	37	0.07	62	1	80	0.19	122	120
17	22400	5	0.2	7.45	2	3209	2.0	5	0.98	0.2	91	35	117	64	6.55	1.22	44	108	1.60	1562	3	0.05	144	0.13	11	10	88	0.17	242	113
18	15500E-22450N	5	0.2	3.61	2	1090	0.8	5	0.38	0.2	75	7	35	17	2.91	0.63	37	42	0.46	206	2	0.05	20	0.05	10	1	54	0.21	112	51
19	15500E-22500N	5	0.2	3.49	2	944	0.8	5	0.32	0.2	65	11	38	18	3.25	0.59	31	27	0.53	256	1	0.05	23	0.05	9	1	44	0.18	104	60
10	22550	5	0.2	4.60	2	2113	1.1	5	0.60	0.2	53	15	53	53	5.67	0.33	27	66	1.28	326	2	0.05	54	0.10	6	1	45	0.24	206	98
11	22600	5	0.2	3.26	9	778	0.8	5	0.37	0.2	52	8	48	25	2.86	0.43	26	25	0.55	208	2	0.04	29	0.04	9	1	48	0.18	104	106
12	22650	5	0.4	5.21	2	1861	1.1	5	0.42	0.2	56	20	49	38	4.34	0.35	29	48	0.82	357	2	0.05	52	0.08	7	1	48	0.21	154	117
13	15500E-22700N	5	0.2	3.21	2	777	0.7	5	0.53	0.2	47	12	67	25	3.34	0.31	25	36	1.03	289	1	0.04	44	0.05	3	1	45	0.20	103	60
14	15500E-22750N	5	0.2	3.42	2	668	0.7	5	1.28	0.2	36	47	128	64	5.96	0.07	21	72	3.77	906	1	0.02	342	0.07	2	1	32	0.59	98	64
15	22800	5	0.2	3.11	2	846	0.6	5	0.52	0.2	45	17	82	28	3.49	0.39	22	38	1.34	279	1	0.04	101	0.04	2	1	44	0.22	82	52
16	22850	5	0.2	3.06	6	1334	0.7	5	0.67	0.2	44	17	105	43	3.85	0.30	23	41	1.68	323	1	0.04	144	0.05	2	1	47	0.26	85	58
17	22900	5	0.2	4.66	2	2352	0.8	5	0.50	0.2	38	30	186	38	4.94	0.45	20	70	1.12	557	1	0.04	152	0.08	2	1	48	0.21	148	63
18	15500E-22950N	5	0.2	2.66	2	726	0.6	5	0.50	0.2	63	10	35	21	2.29	0.42	31	25	0.59	257	1	0.04	22	0.06	3	1	48	0.17	88	45
19	15500E-23000N	5	0.2	2.87	2	790	0.6	5	0.49	0.2	59	9	36	19	2.22	0.39	29	31	0.58	226	1	0.05	18	0.04	4	1	49	0.18	92	48
20	23050	5	0.2	3.77	2	1148	0.9	5	0.75	0.2	63	15	42	46	4.89	0.60	31	30	0.87	473	1	0.04	45	0.10	5	1	58	0.18	130	54
21	23100	5	0.2	3.10	2	700	0.9	5	0.54	0.2	53	8	39	29	2.97	0.44	30	22	0.56	268	1	0.04	26	0.05	7	2	44	0.17	100	58
22	23150	5	0.2	3.62	2	742	0.8	5	0.42	0.2	51	13	43	30	3.75	0.38	26	31	0.68	381	1	0.04	26	0.05	7	1	40	0.17	123	64
23	15500E-23200N	5	0.2	5.07	2	2204	1.1	5	0.48	0.2	60	17	25	56	4.24	0.90	32	33	0.89	177	1	0.04	37	0.05	4	1	28	0.22	203	77
24	15500E-23250N	5	0.2	3.30	2	1398	0.9	5	0.56	0.2	73	12	31	26	2.77	0.68	35	17	0.54	216	1	0.04	25	0.10	6	4	46	0.18	114	54
25	23300	5	0.2	3.80	4	865	1.1	5	0.58	0.2	66	11	39	39	3.27	0.55	33	24	0.62	291	1	0.05	34	0.05	9	1	57	0.21	121	66
26	23350	5	0.2	3.24	4	805	0.7	5	0.54	0.2	57	9	36	25	2.83	0.39	28	21	0.57	270	1	0.05	20	0.04	7	1	54	0.22	103	50
27	23400	5	0.2	4.03	4	727	1.0	5	0.59	0.2	70	15	44	42	3.88	0.41	34	27	0.72	344	1	0.06	36	0.04	9	1	56	0.28	125	72
28	15500E-23450N	5	0.2	3.12	3	928	0.8	5	0.63	0.2	64	11	40	33	3.18	0.47	32	23	0.68	343	1	0.05	29	0.06	9	1	56	0.23	106	67

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	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
9	15500E-23500N	5	0.2	3.40	5	817	0.9	5	0.75	0.2	67	12	38	32	3.21	0.47	31	25	0.80	360	1	0.05	24	0.07	10	1	59	0.32	120	67
0	23550	5	0.2	3.40	7	860	0.8	5	0.70	0.2	67	11	42	30	3.05	0.50	31	24	0.70	336	1	0.06	25	0.07	10	2	57	0.23	112	70
1	23600	5	0.2	3.52	2	981	0.9	5	0.75	0.2	68	11	39	37	3.21	0.52	33	24	0.69	339	1	0.06	27	0.07	11	1	67	0.24	114	77
2	23650	5	0.2	3.30	2	920	0.7	5	0.68	0.2	64	9	37	26	2.90	0.47	30	23	0.64	247	1	0.06	22	0.07	8	2	59	0.24	105	65
3	15500E-23750N	5	0.2	2.93	2	966	0.7	5	1.07	0.2	66	11	35	25	2.74	0.46	29	23	0.65	447	1	0.06	22	0.08	6	1	66	0.28	107	74
4	15500E-23800N	5	0.2	3.12	2	830	0.9	5	0.71	0.2	46	25	34	30	6.01	0.24	21	50	0.54	911	2	0.13	26	0.06	5	1	37	0.27	162	116
5	23850	5	0.2	3.22	2	1123	0.6	5	0.56	0.2	44	15	33	29	3.91	0.31	19	20	0.48	213	1	0.04	34	0.03	5	1	34	0.17	121	63
6	23900	20	0.2	4.06	2	1450	0.7	5	1.37	0.2	50	12	33	20	2.59	0.97	18	17	0.47	172	1	0.04	26	0.05	6	4	49	0.18	139	56
7	23950	5	1.0	5.32	9	2411	1.3	5	0.27	0.2	65	4	28	23	2.25	1.58	31	25	0.58	84	4	0.04	15	0.08	20	8	59	0.13	189	43
8	15500E-24000N	5	0.8	4.36	8	1968	1.5	5	1.39	1.6	61	11	90	102	2.17	0.95	27	23	0.52	513	2	0.04	61	0.15	13	1	106	0.13	727	205
9	16000E-22000N	5	0.2	4.64	5	2078	1.0	5	0.29	0.2	51	15	58	56	4.45	0.55	25	36	0.61	234	3	0.05	51	0.13	13	1	43	0.13	211	112
0	22050	5	0.2	3.02	9	1420	0.8	5	0.35	0.2	58	10	42	30	2.80	0.41	26	20	0.51	232	1	0.04	26	0.04	11	1	43	0.15	99	68
1	22100	5	0.2	3.00	2	912	0.6	5	0.34	0.2	41	7	36	15	2.89	0.34	24	19	0.43	206	1	0.05	17	0.05	5	1	45	0.18	101	57
2	22150	5	0.2	3.09	3	6127	1.0	5	0.20	0.2	47	9	45	43	2.98	0.60	28	24	0.40	150	2	0.05	34	0.09	5	2	70	0.18	159	142
3	16000E-22200N	5	0.2	4.94	2	2027	1.1	5	1.57	0.2	66	29	50	52	6.19	0.21	31	44	1.03	557	1	0.04	51	0.07	2	2	64	0.19	253	62
4	16000E-22250N	5	0.2	4.26	2	2052	1.0	5	0.81	0.2	68	26	50	49	5.30	0.42	33	50	1.01	907	1	0.05	44	0.07	4	1	41	0.19	191	77
5	22400	5	0.2	4.25	2	1474	1.3	5	1.55	0.2	79	30	37	57	5.66	0.41	35	61	1.50	1300	1	0.05	45	0.07	2	1	45	0.19	231	66
6	22450	5	0.2	4.05	2	1448	1.3	5	1.34	0.2	75	30	35	60	5.51	0.40	33	59	1.47	1272	1	0.05	45	0.06	3	2	42	0.18	223	65
7	22550	5	0.2	4.29	2	1405	1.1	5	1.04	0.2	73	35	46	46	6.01	0.29	29	75	1.20	1774	1	0.06	52	0.08	4	2	34	0.17	214	88
8	16000E-22600N	5	0.2	2.72	3	1129	0.7	5	1.88	0.2	58	18	37	50	2.99	0.26	22	27	0.42	1405	1	0.09	40	0.07	4	2	47	0.16	115	61
2	16000E-22650N	5	0.2	3.66	6	1840	0.9	5	0.66	0.2	51	26	63	46	4.80	0.31	21	54	0.82	2164	1	0.06	41	0.18	7	1	47	0.16	161	123
3	22700	5	0.2	3.22	4	769	0.6	5	0.42	0.2	56	11	43	15	3.48	0.28	27	30	0.55	428	1	0.05	21	0.06	7	1	45	0.20	123	66
4	22750	5	0.2	3.24	5	789	0.6	5	0.43	0.2	58	11	42	15	3.49	0.28	27	31	0.56	393	1	0.05	20	0.05	6	1	46	0.21	124	68
5	22800	5	0.2	3.61	7	1997	0.8	5	0.56	0.2	67	13	47	24	2.81	0.65	32	35	0.54	370	1	0.05	24	0.09	4	1	53	0.19	145	53
6	16000E-22850N	5	0.2	4.60	2	3826	1.0	5	0.96	0.2	79	16	48	30	3.17	0.70	38	32	0.57	493	1	0.06	26	0.11	8	1	61	0.19	168	71
7	16000E-22900N	5	0.2	3.81	3	2722	0.8	5	0.71	0.2	69	13	41	22	3.10	0.64	31	28	0.57	334	1	0.05	25	0.09	8	1	53	0.19	144	67
8	22950	5	0.2	3.35	7	1693	0.7	5	0.70	0.4	70	9	44	21	2.55	0.46	30	22	0.50	396	1	0.05	22	0.07	9	1	51	0.17	115	72
9	23000	5	0.2	3.20	5	1584	0.7	5	0.69	0.4	68	9	45	20	2.45	0.37	29	22	0.48	356	1	0.05	22	0.07	8	1	50	0.18	111	68
0	23050	5	0.2	3.11	6	1455	0.7	5	0.68	0.3	67	8	47	17	2.37	0.38	28	21	0.47	354	1	0.04	22	0.06	8	1	49	0.17	110	69
1	16000E-23100N	80	0.4	2.70	5	1585	0.7	5	2.30	1.3	51	9	41	33	2.31	0.38	21	18	0.38	773	1	0.05	25	0.12	8	1	69	0.13	121	120
2	16000E-23150N	5	0.4	1.83	5	1298	0.6	5	2.82	2.0	47	8	27	33	1.69	0.24	14	12	0.25	801	2	0.07	22	0.12	7	2	68	0.10	76	88
3	23200	5	0.2	3.02	10	1158	0.7	5	1.43	0.2	66	12	44	25	3.05	0.44	29	22	0.54	393	1	0.05	21	0.11	9	1	50	0.17	110	58
4	23250	5	0.2	3.26	12	1208	0.8	5	1.27	0.2	70	13	43	26	3.24	0.48	30	24	0.60	389	1	0.05	23	0.11	8	1	59	0.19	118	62
5	23300	5	0.2	1.24	11	894	0.5	5	4.62	0.8	37	7	19	27	1.14	0.16	11	9	0.19	675	2	0.05	17	0.10	4	1	69	0.09	45	48
6	16000E-23400N	5	0.2	1.35	11	796	0.6	5	5.16	1.1	34	6	19	28	1.28	0.18	12	11	0.20	695	2	0.05	21	0.12	3	1	73	0.08	56	56
7	16000E-23450N	5	0.2	3.97	11	1112	1.3	6	2.28	0.5	78	13	40	44	3.35	0.54	35	30	0.55	614	1	0.05	47	0.14	12	1	64	0.18	154	115
8	23500 (K	5	0.2	0.39	12	576	0.3	5	5.53	1.5	24	4	8	20	0.40	0.06	4	5	0.09	450	2	0.03	10	0.10	2	1	68	0.03	20	48
9	23550	5	0.2	2.68	10	801	0.8	5	1.16	0.3	66	10	37	26	2.46	0.36	27	20	0.85	355	1	0.04	21	0.11	10	1	56	0.16	89	53
0	23600	5	0.2	2.75	8	828	0.8	5	1.19	0.3	63	11	37	26	2.62	0.39	26	21	0.46	450	1	0.05	20	0.11	10	1	58	0.17	91	59
1	16000E-23650N	5	0.2	2.58	5	813	0.7	5	1.17	0.2	63	10	40	27	2.31	0.37	26	19	0.42	425	1	0.04	21	0.10	11	1	58	0.14	83	55
2	16000E-23700N	5	0.2	2.09	7	927	0.6	5	2.71	0.2	53	10	34	30	2.17	0.17	17	22	0.55	403	1	0.04	18	0.09	5	1	63	0.15	89	58
3	23750	5	0.2	2.56	4	1134	0.7	5	2.55	0.2	63	11	39	38	2.56	0.19	23	26	0.62	325	1	0.05	24	0.10	5	1	65	0.18	106	68
4	23800 **	5	0.2	0.66	8	871	0.4	5	4.52	0.6	34	5	12	22	0.83	0.08	8	7	0.26	977	2	0.03	12	0.09	2	1	89	0.06	58	48
5	23850	5	0.2	2.77	6	1175	0.7	5	2.69	0.3	65	13	38	36	2.81	0.23	24	30	0.75	639	2	0.05	25	0.10	6	1	67	0.22	116	54
6	16000E-23900N **	5	0.2	0.50	11	755	0.3	5	4.48	0.7	36	5	10	23	0.53	0.07	7	7	0.14	771	2	0.03	10	0.08	4	1	78	0.04	29	44

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SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
16000E-23950N	5	0.2	0.71	11	753	0.4	5	4.05	0.7	37	5	13	22	0.73	0.09	8	9	0.17	717	2	0.03	11	0.08	3	1	73	0.07	37	38
16000E-24000N	5	0.2	1.20	10	906	0.5	5	3.83	0.6	48	7	21	27	1.21	0.11	13	14	0.32	577	1	0.04	15	0.10	5	1	73	0.12	58	42
16500E-22000N	5	0.2	4.64	53	5686	1.6	5	0.16	0.2	81	17	30	39	3.95	1.28	38	28	0.40	193	6	0.06	52	0.08	18	2	54	0.13	138	124
22050	10	0.2	4.54	44	1998	1.1	5	0.20	0.2	65	12	38	28	3.31	1.00	32	31	0.41	358	4	0.04	31	0.10	19	8	43	0.14	138	85
16500E-22100N	5	0.2	5.33	14	2825	1.6	5	0.03	0.2	49	8	29	42	2.70	1.45	29	72	0.34	180	14	0.04	34	0.08	17	2	120	0.07	226	118
16500E-22150N	5	0.2	5.11	2	2698	1.5	5	0.17	0.2	58	10	32	39	3.01	1.46	33	27	0.36	224	5	0.05	35	0.07	16	1	56	0.11	135	108
22200	5	0.2	3.35	16	1144	1.1	5	1.38	0.3	69	15	60	58	3.47	0.53	32	36	0.78	486	1	0.05	46	0.09	7	1	99	0.16	122	76
22250	5	0.2	4.00	23	1307	1.3	5	1.35	0.2	85	24	76	57	4.75	0.49	42	53	1.47	646	2	0.05	81	0.10	7	2	98	0.19	142	83
22300	5	0.2	3.12	6	1175	0.8	5	1.44	0.2	64	14	46	35	3.15	0.29	26	29	0.56	799	1	0.06	37	0.06	7	1	94	0.15	102	55
16500E-22350N	5	0.2	3.80	13	1175	1.0	5	0.80	0.2	68	19	43	36	4.40	0.28	28	39	0.58	1063	2	0.06	40	0.06	9	1	53	0.16	120	54
16500E-22400N	5	0.2	3.11	5	785	0.8	5	0.56	0.2	59	11	38	28	3.10	0.38	26	22	0.52	292	1	0.04	26	0.03	8	1	50	0.17	98	57
22450	5	0.2	5.32	2	3219	1.1	5	0.50	0.2	51	22	33	65	6.20	0.25	24	65	1.00	350	1	0.05	39	0.08	8	1	38	0.15	213	78
22500	5	0.2	6.60	2	6816	1.3	9	0.56	0.2	42	32	94	95	6.66	0.88	20	59	1.87	433	2	0.05	101	0.13	9	2	41	0.24	242	85
22550	5	0.2	2.94	10	1873	0.8	5	2.96	2.1	54	16	47	37	2.03	0.70	18	29	0.38	1125	2	0.04	48	0.10	24	1	128	0.11	130	120
16500E-22650N	5	0.2	3.52	6	3466	1.0	5	1.33	1.5	67	9	52	22	1.83	0.88	29	20	0.39	278	1	0.05	28	0.09	13	1	91	0.14	216	92
16500E-22800N	5	1.2	4.43	11	1557	2.0	5	2.35	0.8	92	16	24	44	3.16	1.59	37	21	1.54	434	4	0.04	84	0.09	20	2	93	0.09	94	620
22850	5	0.2	3.42	7	1008	0.9	5	0.51	0.3	66	10	33	23	2.61	0.86	31	35	0.44	248	1	0.04	28	0.05	13	1	59	0.14	110	122
22900	5	0.2	3.55	9	934	0.9	5	0.31	0.2	67	10	30	28	2.82	0.50	32	29	0.47	216	2	0.04	25	0.05	14	1	69	0.17	97	76
22950	5	0.6	3.12	4	931	0.8	5	0.44	0.4	67	9	31	27	2.38	0.47	33	23	0.49	293	1	0.04	22	0.05	9	1	42	0.18	94	71
16500E-23000N	5	0.4	3.04	14	785	0.9	5	0.55	1.9	67	9	44	31	2.53	0.50	32	23	0.56	242	4	0.05	34	0.08	13	4	61	0.18	328	295
16500E-23050N	5	1.4	3.94	13	679	1.1	5	0.37	0.3	62	15	42	74	3.67	0.59	30	32	0.71	265	1	0.05	40	0.08	16	1	56	0.18	129	107
23100	5	0.2	3.42	10	801	0.8	5	0.41	0.2	60	12	36	27	3.27	0.32	28	26	0.63	279	1	0.05	29	0.05	13	1	50	0.19	104	72
23150	5	0.2	3.71	11	576	0.9	5	0.40	0.2	66	12	42	32	3.42	0.43	31	25	0.60	277	1	0.05	30	0.06	17	1	53	0.18	108	84
23200	5	0.2	3.60	2	1438	0.9	5	0.44	0.2	48	11	50	37	3.26	0.77	26	23	0.61	606	1	0.04	33	0.14	8	1	46	0.14	121	88
16500E-23250N	5	0.4	6.09	2	1184	1.6	5	0.17	0.2	68	19	21	38	4.62	1.72	41	37	0.61	889	2	0.03	47	0.15	13	1	51	0.14	91	166
16500E-23300N	5	0.2	4.58	2	2367	1.2	5	0.49	0.2	65	11	43	54	4.10	0.62	33	37	0.64	475	1	0.04	32	0.16	7	1	67	0.17	156	106
23350	5	0.2	3.13	2	979	0.7	5	0.42	0.2	55	8	33	22	3.07	0.35	27	28	0.49	294	1	0.05	17	0.08	6	1	51	0.19	102	57
23400	5	0.2	7.46	2	6267	1.1	5	0.52	0.2	40	33	116	77	7.52	0.64	20	55	0.64	623	2	0.05	105	0.11	2	1	55	0.19	246	140
23450	5	0.2	5.49	2	6471	1.3	5	0.82	0.2	84	42	52	54	6.98	0.36	38	62	1.00	977	2	0.06	71	0.10	5	1	58	0.25	267	139
16500E-23500N	5	1.6	4.61	17	2963	1.7	5	0.65	0.2	60	11	69	92	5.60	1.13	36	21	0.49	196	9	0.05	62	0.76	17	6	289	0.25	604	161
16500E-23550N	5	0.2	2.69	3	915	0.9	5	2.07	0.7	67	10	36	55	2.15	0.49	26	30	0.61	193	1	0.04	27	0.09	8	1	138	0.16	96	98
23600	5	0.4	4.00	4	1455	1.5	5	1.14	1.2	69	17	46	123	3.81	0.90	33	42	0.61	500	5	0.04	61	0.16	13	1	114	0.18	229	238
23650	5	0.2	4.05	2	842	1.0	5	0.44	0.2	59	20	42	49	4.00	0.45	29	34	0.62	523	1	0.06	39	0.09	14	1	61	0.21	126	164
23700	5	0.2	4.17	2	2179	1.5	5	0.15	0.5	63	19	31	96	4.27	1.04	35	40	0.68	379	1	0.03	60	0.15	19	1	90	0.12	83	200
16500E-23750N	5	0.2	3.77	4	827	1.0	5	0.34	0.6	60	14	40	36	3.67	0.57	29	28	0.60	342	2	0.04	43	0.09	15	1	52	0.17	106	149
16500E-23800N	5	0.6	4.12	3	992	1.2	5	0.35	0.3	64	9	35	30	2.88	1.01	32	33	0.69	178	2	0.04	22	0.09	14	1	62	0.17	132	91
23850	5	1.4	4.16	8	870	1.5	5	0.56	1.7	62	12	38	93	3.44	1.02	30	37	0.77	213	8	0.04	48	0.27	17	1	79	0.18	409	478
23900	5	2.0	3.99	2	1333	1.2	5	0.34	0.5	59	10	33	87	3.60	0.74	29	42	0.65	234	3	0.04	28	0.17	14	1	59	0.13	158	168
23950	5	1.0	3.77	12	2829	1.1	5	0.26	0.5	57	11	40	139	4.11	0.50	28	31	0.48	277	6	0.05	45	0.30	18	1	101	0.16	175	294
16500E-24000N	5	0.4	3.86	5	942	1.1	5	0.36	0.3	62	11	34	57	3.47	0.67	30	26	0.59	267	3	0.05	32	0.10	13	1	64	0.18	134	112
17000E-22000N	5	0.2	3.85	6	1166	1.1	5	0.48	0.2	59	13	32	83	5.36	0.37	29	34	0.65	254	4	0.04	28	0.20	18	1	69	0.18	115	198
22050	10	1.2	3.00	2	1337	1.0	5	1.33	2.1	72	9	38	111	2.10	0.65	29	28	0.67	209	2	0.04	37	0.13	11	1	122	0.14	127	154
22100	5	0.2	3.28	3	1103	1.0	5	0.70	0.6	67	10	36	53	2.51	0.77	29	27	0.65	216	2	0.05	26	0.15	11	1	81	0.16	155	186
22150	5	0.4	3.26	15	1045	1.0	5	0.82	0.3	57	11	45	35	2.75	0.67	26	26	0.62	408	1	0.05	36	0.10	10	1	82	0.16	125	150
17000E-22200N	5	0.2	0.96	7	515	0.6	5	1.32	0.8	31	4	17	29	0.94	0.28	7	7	0.24	325	4	0.02	20	0.08	6	1	95	0.03	54	126

SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
17000E-22250N	5	1.2	3.88	16	3038	1.4	5	0.50	0.7	64	20	43	61	4.90	1.03	32	30	0.40	800	6	0.05	64	0.23	13	1	218	0.20	279	155
22300	5	0.2	3.63	6	813	1.0	5	0.59	0.2	57	12	27	31	3.23	0.63	25	25	0.67	489	2	0.06	33	0.05	11	1	66	0.19	105	82
22350	5	0.2	2.41	5	489	0.5	5	0.49	0.2	59	8	29	14	2.04	0.37	25	14	0.36	593	1	0.05	13	0.05	7	1	51	0.19	77	49
22400	5	0.4	3.22	5	952	0.8	5	0.47	0.2	58	11	33	22	2.98	0.52	25	22	0.52	586	2	0.05	26	0.04	10	1	60	0.16	87	77
17000E-22450N	5	0.2	3.12	2	734	0.8	5	0.41	0.2	58	9	32	21	2.68	0.39	26	19	0.43	265	1	0.04	24	0.03	10	1	62	0.16	80	59
17000E-22500N	5	0.2	2.76	2	551	0.7	5	0.20	0.2	53	11	31	41	2.73	0.54	24	16	0.23	257	2	0.03	32	0.06	10	1	48	0.16	117	87
22550	5	0.2	2.79	9	449	0.8	5	0.31	0.2	54	12	35	23	4.06	0.51	26	25	0.44	501	2	0.04	23	0.07	11	2	44	0.17	104	78
22600	5	0.2	3.04	10	555	0.8	5	0.34	0.2	58	11	38	20	3.31	0.60	26	21	0.42	491	2	0.05	20	0.06	11	1	48	0.17	108	75
22700	5	0.2	3.61	2	811	1.0	5	0.53	0.2	61	14	46	31	3.26	0.56	29	37	0.67	504	3	0.05	34	0.05	12	1	62	0.16	100	167
17000E-22750N	5	0.4	2.87	5	516	0.6	5	0.41	0.2	57	10	40	17	2.75	0.31	27	20	0.48	314	6	0.04	22	0.04	9	1	50	0.18	100	275
17000E-22800N	5	0.6	2.94	11	601	0.9	5	0.31	2.2	59	7	46	40	1.94	0.45	31	22	0.43	158	15	0.05	51	0.05	11	6	44	0.14	529	726
22850	5	2.6	3.24	12	678	1.1	5	0.47	2.2	70	9	46	68	2.74	0.44	35	25	0.51	238	15	0.04	46	0.12	13	6	62	0.16	444	367
22900	5	2.0	2.86	2	734	0.7	5	0.36	1.1	59	12	36	20	2.51	0.48	28	17	0.42	520	2	0.06	21	0.21	13	1	58	0.18	132	229
22950	5	0.2	2.56	2	683	0.6	5	0.48	0.2	64	13	38	18	2.55	0.23	28	20	0.38	484	1	0.06	16	0.06	11	1	57	0.22	94	92
17000E-23000N	5	0.2	3.04	4	531	0.7	5	0.36	0.2	55	10	37	26	2.94	0.34	25	19	0.53	271	1	0.05	25	0.04	9	1	49	0.18	88	63
17000E-23050N	5	0.4	2.98	2	1542	0.7	5	0.39	0.2	68	6	46	22	2.14	0.57	32	15	0.41	247	2	0.05	16	0.09	8	1	57	0.19	146	54
23100	5	0.6	3.21	3	879	0.8	5	0.37	0.2	61	8	38	24	2.94	0.50	27	23	0.52	217	1	0.05	18	0.06	11	1	52	0.19	129	60
23150	5	0.4	3.50	2	1045	0.9	5	0.44	0.2	63	10	40	46	3.17	0.43	30	29	0.66	264	1	0.05	21	0.07	13	1	62	0.18	105	70
23200	5	0.2	3.21	4	1686	0.8	5	0.45	0.2	49	11	30	14	3.95	0.26	25	31	0.86	400	1	0.05	17	0.08	10	1	50	0.17	81	74
17000E-23250N	5	0.2	3.33	4	1115	0.8	5	0.41	0.2	56	15	37	30	3.90	0.33	27	21	0.45	2038	1	0.05	35	0.19	9	1	56	0.15	86	152
17000E-23300N	5	0.2	3.10	6	1126	0.7	5	0.29	0.3	59	8	44	16	2.46	0.53	28	21	0.44	284	2	0.04	17	0.05	7	1	48	0.21	205	84
23350	5	0.2	3.34	10	934	0.7	5	0.33	0.2	56	9	39	33	3.33	0.49	28	19	0.44	235	2	0.04	30	0.10	12	1	66	0.21	148	86
23400	5	0.2	3.67	10	651	0.7	5	0.37	0.2	58	8	38	35	3.24	0.42	28	21	0.53	257	2	0.05	22	0.06	14	1	54	0.21	116	71
23450	5	0.2	3.11	8	676	0.7	5	0.39	0.2	57	8	34	29	2.89	0.41	26	20	0.52	240	2	0.05	21	0.05	11	1	53	0.19	103	65
17000E-23500N	5	0.2	3.28	8	627	0.8	5	0.37	0.2	57	9	32	29	2.95	0.43	26	21	0.59	259	1	0.05	22	0.04	14	1	49	0.18	98	65
17000E-23550N	5	0.2	3.66	11	1013	0.8	5	0.40	0.2	66	10	39	32	3.25	0.51	31	22	0.61	303	2	0.05	27	0.06	14	1	52	0.20	121	79
23600	5	0.2	3.33	10	956	0.8	5	0.44	0.2	66	10	37	34	2.90	0.42	29	19	0.51	534	2	0.06	22	0.07	18	1	52	0.19	109	63
23650	5	0.2	3.26	9	747	0.8	5	0.35	0.2	58	11	36	39	3.10	0.56	28	21	0.53	456	1	0.04	22	0.06	9	1	47	0.17	111	67
23750	10	0.8	4.66	3	4093	1.3	5	0.74	1.3	72	11	57	47	3.29	0.96	34	30	0.39	1504	3	0.05	48	0.14	11	2	91	0.18	279	188
17000E-23800N	5	0.2	3.12	8	606	0.7	5	0.42	0.2	54	7	40	22	2.78	0.45	26	26	0.47	230	2	0.05	20	0.12	11	1	54	0.17	118	59
17000E-23850N	5	0.2	3.77	5	818	1.0	5	0.36	0.2	59	13	37	20	3.69	0.47	28	27	0.52	342	1	0.04	25	0.05	12	1	52	0.19	106	107
23900	5	0.2	3.28	5	1015	0.8	5	0.36	0.5	60	19	35	23	3.67	0.47	29	29	0.45	1304	1	0.05	25	0.09	12	1	52	0.18	96	148
23950	5	0.6	2.88	5	1312	0.8	5	0.42	0.8	60	19	39	21	2.90	0.40	28	15	0.38	1679	2	0.06	31	0.13	14	1	63	0.19	128	83
17000E-24000N	5	0.4	3.54	6	766	0.9	5	0.38	0.5	60	12	35	21	3.37	0.42	28	25	0.47	275	2	0.05	35	0.11	12	1	52	0.18	110	128
17500E-22100N	5	0.4	0.47	8	1153	0.3	5	2.88	0.9	40	4	12	31	0.44	0.07	9	6	0.19	272	2	0.03	25	0.09	2	1	136	0.03	30	43
17500E-22150N	5	0.6	3.58	3	2273	0.9	5	1.56	0.9	80	27	43	55	4.79	0.32	33	54	0.70	1251	2	0.06	38	0.14	9	1	75	0.19	152	168
22200	5	0.6	4.35	2	4389	1.1	5	1.02	1.4	77	34	47	56	5.17	0.34	34	55	0.77	1811	2	0.07	58	0.12	11	1	76	0.21	178	208
22250	5	0.8	3.35	3	2360	1.0	5	0.38	0.2	58	7	54	25	2.94	0.57	34	17	0.41	292	4	0.05	19	0.16	15	1	172	0.17	204	58
22300	5	0.4	3.26	3	712	0.8	5	0.42	0.2	50	8	37	28	2.89	0.63	26	22	0.56	236	1	0.05	23	0.06	9	1	62	0.16	103	61
17500E-22350N	5	0.4	2.85	2	659	0.7	5	0.48	0.2	53	13	39	14	2.68	0.36	26	18	0.47	464	1	0.05	21	0.04	10	1	54	0.18	89	59
17500E-22400N	5	0.2	3.80	4	959	1.0	5	0.33	0.2	54	12	39	41	3.62	0.61	27	26	0.45	388	1	0.03	37	0.05	9	1	57	0.13	81	98
22450	5	0.4	3.64	6	801	1.0	5	0.26	0.2	52	14	31	37	3.92	0.55	26	23	0.44	371	1	0.04	35	0.05	14	1	54	0.15	97	108
22500	5	0.6	3.00	7	525	0.8	5	0.55	0.2	55	9	37	30	3.58	0.62	26	15	0.53	259	2	0.04	24	0.09	15	2	55	0.16	146	150
22550	5	0.4	2.68	6	492	0.6	5	0.22	0.2	56	5	28	16	2.17	0.48	26	12	0.28	137	1	0.04	13	0.04	10	1	48	0.19	94	98
17500E-22600N	5	2.6	2.54	18	1231	1.5	5	1.54	13.2	59	9	43	88	1.69	0.63	27	18	0.54	252	26	0.06	88	0.12	16	12	99	0.09	416	900

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	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
	17000E-22250N	5	1.2	3.88	16	3038	1.4	5	0.50	0.7	64	20	43	61	4.90	1.03	32	38	0.40	800	6	0.05	64	0.23	13	1	218	0.20	279	155
	22300	5	0.2	3.63	6	813	1.0	5	0.59	0.2	57	12	27	31	3.23	0.63	25	25	0.67	489	2	0.06	33	0.05	11	1	66	0.19	102	82
	22350	5	0.2	2.41	5	489	0.5	5	0.49	0.2	59	8	29	14	2.04	0.37	25	14	0.36	593	1	0.05	13	0.05	7	1	51	0.19	77	49
	22400	5	0.4	3.22	5	952	0.8	5	0.47	0.2	58	11	33	22	2.98	0.52	25	22	0.52	586	2	0.05	26	0.04	10	1	60	0.16	87	77
	17000E-22450N	5	0.2	3.12	2	734	0.8	5	0.41	0.2	58	9	32	21	2.68	0.39	26	19	0.43	265	1	0.04	24	0.03	10	1	62	0.16	80	59
	17000E-22500N	5	0.2	2.76	2	551	0.7	5	0.20	0.2	53	11	31	41	2.73	0.54	24	16	0.23	257	2	0.03	32	0.06	10	1	48	0.16	117	87
	22550	5	0.2	2.79	9	449	0.8	5	0.31	0.2	54	12	35	23	4.06	0.51	26	25	0.44	501	2	0.04	23	0.07	11	2	44	0.17	104	78
	22600	5	0.2	3.04	10	555	0.6	5	0.34	0.2	58	11	36	20	3.31	0.60	26	21	0.42	491	2	0.05	20	0.06	11	1	48	0.17	106	75
	22700	5	0.2	3.61	2	811	1.0	5	0.53	0.2	61	14	46	31	3.26	0.58	29	35	0.67	504	3	0.05	34	0.05	12	1	62	0.16	100	167
	17000E-22750N	5	0.4	2.87	5	516	0.6	5	0.41	0.2	57	10	40	17	2.75	0.31	27	20	0.48	314	6	0.04	22	0.04	9	1	50	0.18	100	275
	17000E-22800N	5	0.6	2.94	11	601	0.9	5	0.31	2.2	59	7	46	40	1.94	0.45	31	22	0.43	158	15	0.05	51	0.05	11	6	44	0.14	529	726
	22850	5	2.6	3.24	12	678	1.1	5	0.47	2.2	70	9	46	68	2.74	0.44	35	25	0.51	238	15	0.04	46	0.13	13	6	62	0.16	444	367
	22900	5	2.0	2.86	2	734	0.7	5	0.38	1.1	59	12	36	20	2.51	0.48	28	17	0.42	520	2	0.06	21	0.21	13	1	58	0.18	132	229
	22950	5	0.2	2.58	2	683	0.6	5	0.48	0.2	64	13	36	18	2.55	0.23	28	20	0.38	484	1	0.06	16	0.06	11	1	57	0.22	94	92
	17000E-23000N	5	0.2	3.04	4	531	0.7	5	0.38	0.2	55	10	37	26	2.94	0.34	25	19	0.53	271	1	0.05	25	0.04	9	1	49	0.18	86	63
	17000E-23050N	5	0.4	2.98	2	1542	0.7	5	0.39	0.2	66	6	46	22	2.14	0.57	32	15	0.41	247	2	0.05	16	0.08	8	1	57	0.19	146	54
	23100	5	0.6	3.21	3	879	0.8	5	0.37	0.2	61	8	38	24	2.94	0.50	27	25	0.52	217	1	0.05	18	0.06	11	1	52	0.19	129	60
	23150	5	0.4	3.50	2	1045	0.9	5	0.44	0.2	63	10	40	46	3.17	0.43	30	29	0.66	264	1	0.05	21	0.07	13	1	62	0.18	105	70
	23200	5	0.2	3.21	4	1686	0.8	5	0.45	0.2	49	11	30	14	3.95	0.26	25	31	0.86	400	1	0.05	17	0.08	10	1	50	0.17	81	74
	17000E-23250N	5	0.2	3.33	4	1115	0.8	5	0.41	0.2	56	15	37	30	3.90	0.33	27	21	0.45	2038	1	0.05	35	0.19	9	1	56	0.15	86	152
	17000E-23300N	5	0.2	3.10	6	1126	0.7	5	0.29	0.3	59	8	44	16	2.46	0.53	28	21	0.44	284	2	0.04	17	0.05	7	1	48	0.21	205	84
	23350	5	0.2	3.34	10	934	0.7	5	0.33	0.2	56	9	39	33	3.33	0.49	28	19	0.44	235	2	0.04	30	0.10	12	1	66	0.21	148	86
	23400	5	0.2	3.67	10	651	0.7	5	0.37	0.2	58	8	36	35	3.24	0.42	28	21	0.53	257	2	0.05	22	0.06	14	1	54	0.21	116	71
	23450	5	0.2	3.11	8	676	0.7	5	0.39	0.2	57	8	34	29	2.89	0.41	26	20	0.52	240	2	0.05	21	0.05	11	1	53	0.19	103	65
	17000E-23500N	5	0.2	3.28	8	627	0.8	5	0.37	0.2	57	9	32	29	2.95	0.43	26	21	0.59	259	1	0.05	22	0.04	14	1	49	0.18	98	65
	17000E-23550N	5	0.2	3.66	11	1013	0.8	5	0.40	0.2	66	10	39	32	3.25	0.51	31	22	0.61	303	2	0.05	27	0.06	14	1	52	0.20	121	79
	23600	5	0.2	3.33	10	956	0.8	5	0.44	0.2	66	10	37	34	2.90	0.42	29	19	0.51	534	2	0.06	22	0.07	18	1	52	0.19	109	63
	23650	5	0.2	3.26	9	747	0.8	5	0.35	0.2	58	11	36	39	3.10	0.56	28	21	0.53	456	1	0.04	22	0.06	9	1	47	0.17	111	67
	23750	10	0.8	4.66	3	4093	1.3	5	0.74	1.3	72	11	57	47	3.29	0.96	34	30	0.59	1504	3	0.05	48	0.14	11	2	91	0.18	279	108
	17000E-23800N	5	0.2	3.12	8	606	0.7	5	0.42	0.2	54	7	40	22	2.78	0.45	26	26	0.47	230	2	0.05	20	0.12	11	1	54	0.17	118	59
	17000E-23850N	5	0.2	3.77	5	818	1.0	5	0.36	0.2	59	13	37	20	3.69	0.47	28	27	0.52	342	1	0.04	25	0.05	12	1	52	0.19	106	107
	23900	5	0.2	3.28	5	1015	0.8	5	0.36	0.5	60	19	35	23	3.67	0.47	29	29	0.45	1304	1	0.05	25	0.08	12	1	52	0.18	96	140
	23950	5	0.6	2.88	5	1312	0.8	5	0.42	0.8	60	19	39	21	2.90	0.40	28	15	0.38	1679	2	0.06	31	0.13	14	1	63	0.19	128	83
	17000E-24000N	5	0.4	3.54	6	766	0.9	5	0.38	0.5	60	12	35	21	3.37	0.42	28	25	0.47	275	2	0.05	35	0.11	12	1	52	0.18	110	128
	17500E-22100N	5	0.4	0.47	8	1153	0.3	5	2.88	0.9	40	4	12	31	0.44	0.07	9	6	0.19	272	2	0.03	25	0.09	2	1	136	0.03	30	43
	17500E-22150N	5	0.6	3.58	3	2273	0.9	5	1.56	0.9	80	27	43	55	4.79	0.32	33	54	0.70	1251	2	0.06	38	0.14	9	1	75	0.19	152	160
	22200	5	0.6	4.35	2	4389	1.1	5	1.02	1.4	77	34	47	56	5.17	0.34	34	55	0.77	1811	2	0.07	58	0.12	11	1	76	0.21	178	208
	22250	5	0.8	3.35	3	2289	1.0	5	0.38	0.2	58	7	54	25	2.94	0.87	34	17	0.41	292	4	0.05	19	0.16	15	1	172	0.17	204	98
	22300	5	0.4	3.26	3	712	0.8	5	0.42	0.2	50	8	37	28	2.89	0.63	26	22	0.56	236	1	0.05	23	0.06	9	1	62	0.16	103	61
	17500E-22350N	5	0.4	2.85	2	459	0.7	5	0.48	0.2	53	13	39	14	2.68	0.36	26	18	0.47	464	1	0.05	21	0.04	10	1	54	0.18	89	59
	17500E-22400N	5	0.2	3.89	4	959	1.0	5	0.33	0.2	54	12	39	41	3.62	0.61	27	26	0.45	388	1	0.03	37	0.05	9	1	57	0.13	81	95
	22450	5	0.4	3.64	6	891	1.0	5	0.26	0.2	52	14	31	37	3.92	0.55	26	23	0.46	371	1	0.04	35	0.05	14	1	54	0.15	97	88
	22500	5	0.4	3.00	7	705	0.8	5	0.30	0.2	55	9	37	30	3.50	0.62	28	15	0.59	259	2	0.04	24	0.09	12	2	55	0.16	146	95
	22550	5	0.4	2.68	6	492	0.6	5	0.22	0.2	56	5	28	16	2.17	0.48	26	12	0.28	137	1	0.04	13	0.04	10	1	48	0.19	94	60
	17500E-22600N	5	2.6	2.54	18	1231	1.5	5	1.54	13.2	59	9	43	88	1.69	0.63	27	18	0.54	252	26	0.06	88	0.12	16	12	99	0.09	416	909

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SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mo ppm	Mn ppm	Na %	Ni ppm	P %	Pb ppm	*Sb ppm	Sr ppm	Ti %	V ppm	Zn ppm
17500E-22650N	15	2.6	3.80	6	1692	1.6	5	1.09	3.9	65	1[illegible]	48	144	2.49	1.06	31	26	0.81	227	6	0.03	67	0.25	17	8	158	0.13	301	431
22700	5	1.0	1.39	5	686	0.6	5	0.72	3.8	41	5	25	77	1.37	0.25	15	9	0.20	113	4	0.06	33	0.09	12	1	55	0.06	53	176
22800	5	0.6	4.67	4	4481	1.6	5	0.27	0.9	58	19	114	76	4.72	1.15	35	23	0.48	259	4	0.05	73	0.20	12	1	128	0.19	457	174
22850	5	0.4	5.10	5	3557	1.4	5	0.12	0.2	52	19	84	70	5.34	1.03	32	27	0.40	190	6	0.04	75	0.17	11	1	112	0.21	396	204
17500E-22900N	10	0.4	3.16	9	675	0.8	5	0.41	0.2	58	10	48	54	3.04	0.59	29	23	0.45	301	2	0.05	24	0.08	12	1	56	0.19	127	86
17500E-22950N	10	0.2	3.75	6	539	0.9	5	0.34	0.2	54	12	49	66	3.84	0.42	28	28	0.56	282	2	0.04	28	0.07	14	2	52	0.19	116	130
23000	5	0.4	3.36	9	498	0.8	5	0.35	0.2	52	10	39	39	3.38	0.40	26	22	0.53	387	2	0.04	26	0.05	9	1	48	0.19	105	78
23050	5	0.6	3.60	7	496	0.8	5	0.35	0.2	52	10	37	28	3.61	0.36	25	27	0.51	261	1	0.04	24	0.05	11	1	47	0.20	108	72
23100	5	0.2	3.74	9	674	0.9	5	0.25	0.2	51	1[illegible]	41	99	4.33	0.44	27	35	0.51	216	2	0.04	35	0.06	14	1	50	0.17	123	107
17500E-23150N	10	0.2	3.28	7	755	0.9	5	0.37	0.2	71	10	46	55	3.36	0.43	34	21	0.54	278	2	0.05	32	0.05	12	1	56	0.19	107	83
17500E-23200N	5	0.4	3.82	11	624	0.9	5	0.30	0.2	55	12	45	93	3.90	0.45	28	24	0.55	278	2	0.04	44	0.06	14	1	51	0.19	118	124
23250	5	0.4	3.47	10	482	0.8	5	0.33	0.2	57	10	42	28	3.68	0.41	28	28	0.51	252	2	0.04	24	0.06	12	1	48	0.28	116	85
23300	5	0.2	2.97	9	537	0.6	5	0.30	0.2	45	7	40	27	3.47	0.41	24	21	0.48	220	1	0.04	20	0.05	11	1	43	0.16	110	65
23350	5	0.4	2.44	4	1046	0.8	5	0.33	0.2	50	8	55	65	3.04	0.55	26	17	0.36	365	2	0.04	24	0.11	9	1	57	0.14	123	116
17500E-23400N	5	0.2	2.99	3	898	0.7	5	0.41	0.2	53	10	42	16	2.79	0.51	27	23	0.52	359	1	0.05	18	0.06	7	1	47	0.18	100	83
17500E-23450N	5	0.6	3.03	5	1011	0.7	5	0.35	0.2	52	9	43	21	3.13	0.50	27	19	0.47	330	1	0.04	21	0.07	10	1	51	0.21	148	69
23500	5	0.4	3.08	4	807	0.6	5	0.40	0.2	52	6	41	17	2.38	0.50	25	17	0.49	257	1	0.04	15	0.05	9	1	47	0.19	130	47
23550	5	0.6	2.92	10	832	0.7	5	0.33	0.2	55	6	34	21	3.03	0.70	28	16	0.44	201	3	0.04	26	0.11	11	1	64	0.18	134	85
23600	5	0.6	3.58	9	669	0.8	5	0.35	0.2	55	9	41	26	3.57	0.44	28	23	0.50	380	1	0.05	21	0.10	14	1	49	0.21	119	77
17500E-23650N	5	0.6	3.86	8	842	0.9	5	0.44	0.2	57	8	43	26	3.31	0.48	28	23	0.58	312	1	0.05	18	0.06	15	2	52	0.21	139	72
17500E-23700N	10	0.4	3.65	9	1064	0.8	5	0.45	0.2	56	8	39	45	3.04	0.53	27	27	0.65	256	1	0.05	25	0.07	11	1	51	0.18	122	80
23750	5	0.2	3.24	7	1018	0.7	5	0.39	0.2	62	6	37	35	2.43	0.45	29	19	0.48	171	1	0.05	18	0.06	12	1	46	0.18	100	53
23800	5	0.4	3.01	4	690	0.8	5	0.39	0.2	50	8	39	28	3.11	0.50	25	21	0.49	395	2	0.05	18	0.12	12	4	47	0.16	99	67
23850	5	0.2	3.15	5	1392	0.8	5	0.41	0.2	60	9	45	35	2.92	0.50	30	24	0.58	251	1	0.05	28	0.06	8	1	51	0.17	130	76
17500E-23900N	5	0.2	3.54	7	645	0.8	5	0.37	0.2	51	8	43	23	3.44	0.46	26	24	0.54	246	3	0.05	21	0.06	10	1	51	0.19	138	66
17500E-23950N	5	0.6	3.22	4	498	0.7	5	0.34	0.2	57	6	44	18	3.41	0.45	29	22	0.43	242	2	0.04	16	0.10	11	1	48	0.19	121	68
17500E-24000N	5	0.2	3.24	6	909	0.8	5	0.41	0.2	62	8	42	23	2.83	0.45	29	21	0.50	237	1	0.05	21	0.06	10	1	48	0.17	109	60

01/21/92 14:52 NORANDA VANCOUVER 009

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

GEOCHEMICAL ANALYSIS CERTIFICATE Brewery

Noranda Exploration Co. Ltd. PROJECT 9110-012 330 FILE # 91-5082 Page 1
1050 Davie St., Vancouver BC V6E 1M4

SAMPLE#	Hg ppb
13400E 20300N	35
13400E 20350N	40
13400E 20400N	15
13400E 20450N	15
13400E 20500N	10
13400E 20550N	5
13400E 20600N	5
13400E 20650N	10
13400E 20700N	5
13400E 20750N	30
13400E 20800N	10
13400E 20850N	15
13400E 20850N (DUP)	20
13400E 20900N	55
13400E 20950N	25
13400E 21000N	35
14500E 22000N	25
14500E 22050N	75
14500E 22100N	40
14500E 22150N	25
14500E 22200N	95
14500E 22250N	40
14500E 22300N	80
14500E 22350N	50
RE 14500E 22150N	25
14500E 22400N	35
14500E 22450N	15
14500E 22500N	40
14500E 22550N	85
14500E 22600N	105
14500E 22650N	20
14500E 22700N	20
14500E 22750N	15
14500E 22800N	15
14500E 22850N	15
14500E 22900N	25
14500E 22950N	150
STANDARD C	1550

- SAMPLE TYPE: PULP HG ANALYSIS BY FLAMELESS AA.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 16 1991 DATE REPORT MAILED: Oct 23/91.

SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Hg ppb
14500E 23000N	20
14500E 23050N	65
14500E 23100N	65
14500E 23150N	105
14500E 23200N	220
14500E 23250N	90
14500E 23300N	95
14500E 23350N	160
14500E 23400N	125
14500E 23450N	135
14500E 23500N	560
14500E 23550N	40
14500E 23600N	25
RE 14500E 23850N	20
14500E 23650N	25
14500E 23700N	15
14500E 23750N	20
14500E 23800N	5
14500E 23850N	30
14500E 23900N	130
14500E 23950N	40
14500E 24000N	70
15000E 22000N	120
15000E 22100N	295
15000E 22150N	370
15000E 22200N	150
15000E 22250N	380
15000E 22300N	25
15000E 22350N	70
15000E 22400N	15
15000E 22450N	95
15000E 22500N	10
15000E 22550N	40
15000E 22600N	15
15000E 22650N	75
15000E 22700N	75
15000E 22750N	140
STANDARD C	1800

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15000E 22800N	345
15000E 22850N	35
15000E 22900N	120
15000E 22950N	5
15000E 23000N	25
15000E 23050N	10
RE 15000E 23300N	45
15000E 23100N	15
15000E 23150N	60
15000E 23200N	40
15000E 23250N	35
15000E 23300N	40
15000E 23350N	60
15000E 23400N	50
15000E 23450N	30
15000E 23500N	100
15000E 23550N	70
15000E 23600N	60
15000E 23650N	30
15000E 23700N	90
15000E 23750N	125
15000E 23800N	15
15000E 23850N	40
15000E 23900N	45
15000E 23950N	15
15000E 24000N	5
15500E 22000N	180
15500E 22050N	20
15500E 22150N	490
15500E 22250N	45
15500E 22300N	480
15500E 22350N	130
15500E 22400N	1250
15500E 22450N	35
15500E 22500N	35
15500E 22550N	310
15500E 22600N	630
STANDARD C	1600

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
15500E 22650N	265
15500E 22700N	25
15500E 22750N	100
15500E 22800N	10
RE 15500E 23050N	260
15500E 22850N	50
15500E 22900N	170
15500E 22950N	85
15500E 23000N	275
15500E 23050N	215
15500E 23100N	65
15500E 23150N	85
15500E 23200N	35
15500E 23250N	85
15500E 23300N	230
15500E 23350N	20
15500E 23400N	70
15500E 23450N	55
15500E 23500N	50
15500E 23550N	50
15500E 23600N	55
15500E 23650N	60
15500E 23750N	75
15500E 23800N	20
15500E 23850N	15
15500E 23900N	35
15500E 23950N	375
15500E 24000N	1300
16000E 22000N	275
16000E 22050N	30
16000E 22100N	5
16000E 22150N	95
16000E 22200N	75
16000E 22250N	30
16000E 22400N	35
16000E 22450N	15
16000E 22550N	60
STANDARD C	1500

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16000E 22600N	65
16000E 22650N	55
16000E 22700N	10
16000E 22750N	15
16000E 22800N	230
16000E 22850N	165
RE 16000E 23100N	135
16000E 22900N	105
16000E 22950N	105
16000E 23000N	80
16000E 23050N	55
16000E 23100N	135
16000E 23150N	130
16000E 23200N	125
16000E 23250N	45
16000E 23300N	75
16000E 23400N	200
16000E 23450N	355
16000E 23500N	95
16000E 23550N	120
16000E 23600N	110
16000E 23650N	115
16000E 23700N	75
16000E 23750N	120
16000E 23800N	90
16000E 23850N	65
16000E 23900N	70
16000E 23950N	65
16000E 24000N	55
16500E 22000N	130
16500E 22050N	375
16500E 22100N	160
16500E 22150N	80
16500E 22200N	255
16500E 22250N	210
16500E 22300N	50
16500E 22350N	65
STANDARD C	1600

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
16500E 22400N	85
16500E 22450N	45
16500E 22500N	75
16500E 22550N	595
16500E 22650N	705
16500E 22800N	575
16500E 22850N	125
16500E 22900N	55
16500E 22950N	55
16500E 23000N	920
16500E 23050N	240
16500E 23100N	20
16500E 23150N	30
16500E 23200N	135
16500E 23250N	45
16500E 23300N	175
16500E 23350N	40
16500E 23400N	465
16500E 23450N	100
16500E 23500N	250
16500E 23550N	95
16500E 23600N	160
16500E 23650N	25
16500E 23700N	40
16500E 23750N	50
16500E 23800N	305
16500E 23850N	140
RE 16500E 23700N	45
16500E 23900N	75
16500E 23950N	75
16500E 24000N	45
17000E 22000N	30
17000E 22050N	590
17000E 22100N	325
17000E 22150N	365
17000E 22200N	660
17000E 22250N	505
STANDARD C	1400

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17000E 22300N	30
17000E 22350N	5
17000E 22400N	20
17000E 22450N	25
17000E 22500N	15
17000E 22550N	55
17000E 22600N	45
17000E 22700N	60
17000E 22750N	10
17000E 22800N	65
17000E 22850N	460
17000E 22900N	25
17000E 22950N	10
17000E 23000N	25
17000E 23050N	75
17000E 23100N	70
17000E 23150N	30
17000E 23200N	15
17000E 23250N	20
17000E 23300N	35
17000E 23350N	35
17000E 23400N	35
17000E 23450N	15
17000E 23500N	55
17000E 23550N	80
17000E 23600N	50
17000E 23650N	45
17000E 23750N	410
17000E 23800N	50
17000E 23850N	10
17000E 23900N	25
17000E 23950N	55
17000E 24000N	20
RE 17000E 23800N	55
17500E 22100N	435
17500E 22150N	65
17500E 22200N	45
STANDARD C	1600

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Hg ppb
17500E 22250N	75
17500E 22300N	40
17500E 22350N	15
17500E 22400N	15
17500E 22450N	40
17500E 22500N	30
17500E 22550N	55
17500E 22600N	1700
17500E 22650N	1750
17500E 22700N	325
17500E 22800N	320
17500E 22850N	410
17500E 22900N	110
17500E 22950N	20
RE 17500E 23200N	30
17500E 23000N	25
17500E 23050N	30
17500E 23100N	20
17500E 23150N	45
17500E 23200N	20
17500E 23250N	15
17500E 23300N	35
17500E 23350N	35
17500E 23400N	35
17500E 23450N	50
17500E 23500N	60
17500E 23550N	50
17500E 23600N	20
17500E 23650N	60
17500E 23700N	130
17500E 23750N	90
17500E 23800N	155
17500E 23850N	20
17500E 23900N	75
17500E 23950N	25
17500E 24000N	75
STANDARD C	1600

Sample type: PULP. Samples beginning 'RE' are duplicate samples.

VOLUME III

BREWERY CREEK PROJECT

1991 REVERSE CIRCULATION, DIAMOND &
TRENCHING LOGS

Dawson Mining District
NTS: 116 B/1
Latitude: 64 03'
Longitude: 138 15'

093027

RC DRILLING



093027

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : BREWERY CREEK
HOLE No. : BCEC 91-324
Grid System : ORIGINAL
Collar Eastings : 18415.000
Collar Northings : 20185.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	CASING	Casing.			
2.00	22.00	SEDS	Fine grained sandstone grit, stockworked with white quartz. Percentage of soft, fissile grey shale increases downwards.			
2.00	6.00		5-10% Grey shale.	022751	2.00	4.00
				022752	4.00	6.00
6.00	8.00		25% Grey shale, darker sandstone, and less stockworked.	022753	6.00	8.00
8.00	18.00		Shale content low.	022754	8.00	10.00
				022755	10.00	12.00
				022756	12.00	14.00
				022757	14.00	16.00
				022758	16.00	18.00
				022759	18.00	20.00
19.20	20.80	INT	Pyritic, quartz rich, limonitic intrusive.	022760	20.00	22.00
22.00	24.00	QFP	Unoxidized pyrite rich quartz feldspar porphyry with 45% limonitic intrusive.			
22.00	23.00	INT	Pyritic, limonitic intrusive.	022761	22.00	24.00
24.00	26.00	INT	Pyrite rich limonitic intrusive with 45-50% black stockworked sandstone grit.	022762	24.00	26.00
26.00	34.00	SEDS	Pyrite rich, stockworked grey shale and black sandstone. Percentage of shale increases downhole.			
26.00	28.00		20% Limonitic intrusive; 30% shale.	022763	26.00	28.00
28.00	34.00		40-50% Shale.	022764	28.00	30.00
				022765	30.00	32.00
				022766	32.00	34.00

NORANDA EXPLORA
DIAMOND DRILL I

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-33[illegible]
Grid System : ORIGINAL
Collar Eastings : 18475.000
Collar Northings : 20290.000
Collar Elevations : 0.000
Collar Bearing : [illegible].99
Grid Baseline : [illegible].00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	CASING	Casing.			
2.00	4.00	INT	Limonitic, quartz rich intrusive.	022767	2.00	4.00
3.20	4.00		Black, rusty shale.			
4.00	24.00	ARG	Black shale and argillite.			
4.00	12.00		Grey to black shale, minor rusty coating.	022768	4.00	6.00
				022769	6.00	8.00
				022770	8.00	10.00
				022771	10.00	12.00
12.00	24.00		Black, fissile argillite with rusty quartz stockwork.	022772	12.00	14.00
				022773	14.00	16.00
				022774	16.00	18.00
				022775	18.00	20.00
				022776	20.00	22.00
				022777	22.00	24.00
23.50	24.00		5% Intrusive.			
24.00	36.00	INT	Limonitic, quartz rich intrusive with 60-80% quartz.			
24.00	30.00	Sb	0.5-1% Stibnite.	022778	24.00	26.00
				022779	26.00	28.00
				022780	28.00	30.00
30.00	34.00		2% Argillite.	022781	30.00	32.00
				022782	32.00	34.00
				022783	34.00	36.00
34.80	36.00		Black argillite.			
36.00	40.00	ARG	Black, fissile argillite.			
36.00	38.00		1% Intrusive.	022784	36.00	38.00
				022785	38.00	40.00

NORANDA EXPLORA

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-326
Grid System : ORIGINAL
Collar Eastings : 18375.000
Collar Northings : 20225.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

DIAMOND DRILL 1

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	CASING	Casing.			
2.00	40.00	SEDS	Grey siltstone to fine grained black sandstone. Strong limonitic alteration which decreases down hole. Minor rusty, pyritic intrusive with red staining (hematite?).	022786	2.00	4.00
4.00	6.00	INT	Limonitic intrusive, no stockwork. Calcite crystal growths.	022787	4.00	6.00
				022788	6.00	8.00
6.00	8.00	INT	5% Intrusive; 5% quartz feldspar porphyry with minor stockworking.			
8.00	10.00		20% Grey shale with white quartz stockwork	022789	8.00	10.00
10.00	12.00		50% Grey shale whith white and grey quartz stockwork.	022790	10.00	12.00
				022791	12.00	14.00
				022792	14.00	16.00
				022793	16.00	18.00
				022794	18.00	20.00
20.00	24.00		80% Grey stockworked shale.	022795	20.00	22.00
				022796	22.00	24.00
24.00	26.00		90% Grey stockworked shale.	022797	24.00	26.00
				022798	26.00	28.00
28.00	32.00		Pyrite rich, stockworked grey and black shale and black sandstone.	022799	28.00	30.00
				022800	30.00	32.00
32.00	34.00		Pyrite rich sediments with 5% quartz feldspar porphyry.	022801	32.00	34.00
34.00	40.00		Dark grey to black pyritic shale with minor competent (argillaceous?) shale.	022802	34.00	36.00
				022803	36.00	38.00
				022804	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-327
Grid System : ORIGINAL
Collar Eastings : 18375.000
Collar Northings : 20250.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	10.00	SEDS	Black fine grained sandstone with minor grey mica-rich siltstone and soft grey shale.	022805	2.00	4.00
				022806	4.00	6.00
				022807	6.00	8.00
				022808	8.00	10.00
10.00	30.00	ARG	Black argillite with minor grey shale. Trace amounts of limonite. Trace amounts of pyrite.	022809	10.00	12.00
				022810	12.00	14.00
				022811	14.00	16.00
				022812	16.00	18.00
				022813	18.00	20.00
				022814	20.00	22.00
				022815	22.00	24.00
				022816	24.00	26.00
				022817	26.00	28.00
				022818	28.00	30.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-32[illegible]
Grid System : ORIGINAL
Collar Eastings : 18475.000
Collar Northings : 20250.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	4.00	ARG	Black, siliceous shale and minor greywacke			
2.00	4.00		Minor grey, siliceous very fine grained greywacke 1% finely disseminated pyrite.	022819	2.00	4.00
				022820	4.00	6.00
6.00	10.00		40% very fine grained greywacke.	022821	6.00	8.00
				022822	8.00	10.00
				022823	10.00	12.00
				022824	12.00	14.00
14.00	16.00		Blocky shale, limonitic, no visible sulphides.	022825	14.00	16.00
16.00	38.00		40% very fine grained greywacke.	022826	16.00	18.00
				022827	18.00	20.00
				022828	20.00	22.00
				022829	22.00	24.00
				022830	24.00	26.00
				022831	26.00	28.00
				022832	28.00	30.00
				022833	30.00	32.00
				022834	32.00	34.00
				022835	34.00	36.00
				022836	36.00	38.00
38.00	40.00		30% very fine grained, quartz rich sandstone.	022837	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-329
Grid System : ORIGINAL
Collar Eastings : 18475.000
Collar Northings : 20225.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 84.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	16.00	INT	Quartz rich, orange to red limonitic intrusive with stibnite, pyrite, and minor MnO2 oxidation.	022838	4.00	4.00
2.45	3.55	QFP	Grey quartz feldspar porphyry, lacks sulphides.			
3.80	4.40	ARG	Black, stockworked argillite.	022839	4.00	6.00
4.90	5.10	SEDS	Soft grey shale.	022840	6.00	8.00
				022841	8.00	10.00
				022842	10.00	12.00
				022843	12.00	14.00
12.95	13.05	QFP	Pyrite and stibnite rich grey quartz feldspar porphyry.	022844	14.00	16.00
16.00	22.00	SEDS	Grey to black shale and black sandstone. Sandstone decreases down hole.			
16.00	16.20	INT	Quartz rich, limonitic intrusive.	022845	16.00	18.00
				022846	18.00	20.00
				022847	20.00	22.00
21.00	22.00	ARG	Black argillite.			
22.00	34.00	ARG	Black, sometimes pyritic argillite with rusty quartz stockwork.	022848	22.00	24.00
				022849	24.00	26.00
				022850	26.00	28.00
				022851	28.00	30.00
29.15	29.45	INT	Pyrite rich, limonitic intrusive.			
29.45	30.05	QFP	Pyrite +/- stibnite rich white quartz feldspar porphyry.	022852	30.00	32.00
				022853	32.00	34.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-536
Grid System : ORIGINAL
Collar Eastings : 18475.000
Collar Northings : 19975.000
Collar Elevation : 0.000
Collar Bearing : 000.00
Grid Baseline : 04.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	38.00	ARG	Black fissile siliceous argillite minor very fine grained dark grey coloured grey wacke with 10-15% quartz and feldspar fragments.	022854	2.00	4.00
4.00	38.00		Minor hematitic coating on fracture surfaces associated with very fine grained specularite.	022855	4.00	6.00
				022856	6.00	8.00
				022857	8.00	10.00
10.00	38.00		0.5% very fine grained pyrite on fracture surfaces.	022858	10.00	12.00
				022859	12.00	14.00
				022860	14.00	16.00
				022861	16.00	18.00
				022862	18.00	20.00
				022863	20.00	22.00
				022864	22.00	24.00
				022865	24.00	26.00
				022866	26.00	28.00
				022867	28.00	30.00
30.00	32.00		0.5% massive pyrite on fracture surfaces.	022869	30.00	32.00
32.00	34.00		Pyrite stringers.	022869	32.00	34.00
				022870	34.00	36.00
36.00	38.00		Quartz stockwork with very fine pyrite blebs.	022871	36.00	38.00
38.00	46.00	QFP	White to grey, siliceous, feldspar porphyritic intrusive rock. Contains 1-10% fine grained pyrite blebs sometimes associated with minor limonitic alteration, and less than 2% argillite fragments.	022872	38.00	40.00
				022873	40.00	42.00
				022874	42.00	44.00
				022875	44.00	46.00
45.40	46.60	ARG	Black argillite.	022876	46.00	48.00
48.00	52.00	ARG	Black, fissile, siliceous argillite.	022877	48.00	50.00
				022878	50.00	52.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-331
Grid System : ORIGINAL
Collar Eastings : 18375.000
Collar Northings : 20200.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	34.00	ARG	Black fissile argillite and quartz rich and/or cherty black argillite with 5-10% each of greywake and grey shale.			
2.00	12.00		60-70% competent cherty black argillite.	022887	2.00	4.00
				022888	4.00	6.00
				022889	6.00	8.00
				022890	8.00	10.00
				022891	10.00	12.00
12.00	33.99		50% cherty argillite. 50% fissile argillite Minor stockworking.	022892	12.00	14.00
				022893	14.00	16.00
				022894	16.00	18.00
				022895	18.00	20.00
				022896	20.00	22.00
				022897	22.00	24.00
				022898	24.00	26.00
				022899	26.00	28.00
				022900	28.00	30.00
				022901	30.00	32.00
				022902	32.00	34.00
33.99	34.00	QFP	Stockworked, slightly rusty quartz feldspar porphyry.			

NORANDA EXPLORA
DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-332
Grid System : ORIGINAL
Collar Eastings : 18170.000
Collar Northings : 20475.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	24.00	INT	Limonitic intrusive, abundant quartz eyes, manganese oxide coatings on fracture surfaces in common.	022895	2.00	4.00
				022896	4.00	6.00
				022897	6.00	8.00
				022898	8.00	10.00
				022899	10.00	12.00
				022900	12.00	14.00
				022901	14.00	16.00
14.60	15.50	ARG	Black, fissile, siliceous argillite.	022902	16.00	18.00
				022903	18.00	20.00
				022904	20.00	22.00
				022905	22.00	24.00
23.40	24.	ARG	Black, fissile, siliceous argillite.			
24.00	4.	ARG	Black, siliceous, fissile argillite with minor light grey siltstone.			
24.00	26.00		Contains hairline pyrite stringers.	022906	24.00	26.00
26.00	28.00		Specular hematite on fracture surfaces.	022907	26.00	28.00
28.00	30.00		1% limonitic intrusive fragments.	022908	28.00	30.00
				022909	30.00	32.00
				022910	32.00	34.00
33.50	34.00	INT	Limonitic intrusive.			
34.00	38.00	INT	Limonitic intrusive, rare free quartz.	022911	34.00	36.00
				022912	36.00	38.00
38.00	42.00	ARG	Black, fissile argillite.	022913	38.00	40.00
				022914	40.00	42.00
41.50	42.00	INT	Limonitic intrusive.			
42.00	48.00	INT	Limonitic intrusive, rare free quartz	022915	42.00	44.00
				022916	44.00	46.00
46.00	48.00		2% black argillite.	022917	46.00	48.00
48.00	58.00	ARG	Black, fissile argillite weakly graphitic	022918	48.00	50.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-33[illegible]

INTERVAL(M) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(M) FROM	TO
			at beginning of interval with carbon content increasing down section.	022919	50.00	52.00
				022920	52.00	54.00
				022921	54.00	56.00
				022922	56.00	58.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-33?
Grid Syste : ORIGINAL
Collar Eastings : 18170.000
Collar Northings : 20500.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVALS FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	24.00	INT	Quartz eye rich, quartz stockwork rich, limonitic intrusive with remnant biotite.			
2.00	4.00		Abundant quartz eyes, lacks sulphides 4% altered, remnant 6 sided, stacked biotite.	022923	2.00	4.00
4.00	6.00			022924	4.00	6.00
6.00	8.00		2% altered biotite, abundant fine stock- work and clear quartz eyes. Limonite orange to red.	022925	6.00	8.00
8.00	10.00			022926	8.00	10.00
10.00	12.00		Trace altered biotite intense stockwork and abundant clear quartz eyes.	022927	10.00	12.00
12.00	14.00			022928	12.00	14.00
14.00	16.00			022929	14.00	16.00
14.70	15.00	QFP	10-15% disseminated pyrite and/or stibnite in white quartz rich and calcic quartz feldspar porphyry.			
16.00	18.00		Intense quartz stockwork and limonitic alteration with occasional remnant biotite	022930	16.00	18.00
				022931	16.00	20.00
				022932	20.00	22.00
21.00	22.00	ARG	Siliceous black argillite.			
22.00	24.00	ARG	Black, siliceous (cherty) stockworked argillite slightly graphitic.	022933	22.00	24.00
24.00	38.00	INT	Quartz rich, limonitic intrusive.			
24.00	26.00		Intense quartz stockwork and limonitic alteration with trace remnant biotite, very poor recovery.	022934	24.00	26.00
				022935	26.00	28.00
				022936	28.00	30.00
28.75	29.25	QFP	Whitish grey, quartz feldspar porphyry with 1% pyrite and intense calcification.	022937	30.00	32.00
30.50	31.50	QFP	White, calcite rich, sulphide poor quartz feldspar porphyry.	022938	32.00	34.00
32.80	33.20	QFP	White, calcite rich, sulphide poor quartz feldspar porphyry.	022939	34.00	36.00
				022940	36.00	38.00
38.00	54.00	ARG	Black, siliceous, graphitic stockworked	022941	38.00	40.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-33[illegible]

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
			slightly limonitic to non limonitic argillite with lack of sulphides.	022942	40.00	42.00
				022943	42.00	44.00
				022944	44.00	46.00
44.50	45.50	INT	Intensely limonitic and stockworked, quartz rich intrusive.	022945	46.00	48.00
46.50	47.50	INT	Intensely limonitic and stockworked, quartz rich intrusive.	022946	48.00	50.00
48.50	49.50	INT	Intensely limonitic and stockworked, quartz rich intrusive.	022947	50.00	52.00
				022948	52.00	54.00
54.00	64.00	INT	Intesely limonitic and quartz rich stockworked intrusive with traces of remnant biotite.			
54.00	54.20	ARG	Black siliceous graphitic argillite.	[illegible]	54.00	56.00
54.60	55.4	QFP	White, sulphide poor quartz feldspar porphyry.	022950	56.00	58.00
56.55	57.05	QFP	White, sulphide poor quartz feldspar porphyry.	022951	58.00	60.00
58.50	59.50	QFP	White, sulphide poor quartz feldspar porphyry.			
59.60	59.7	ARG	Black, siliceous, graphitic argillite.	022952	60.00	62.00
				022953	62.00	64.00
62.60	63.1	QFP	White, sulphide poor quartz feldspar porphyry.			
63.20	64.0	ARG	Black, siliceous, graphitic stockworked argillite.			
64.00	70.0	ARG	Black, siliceous, graphitic, stockworked, unoxidized argillite.	022954	64.00	66.00
				022955	66.00	68.00
				022956	68.00	70.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-334
Grid System : ORIGINAL
Collar Eastings : 18170.000
Collar Northings : 20525.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	54.00	INT	Limonitic intrusive, silicic, abundant quartz eyes, minor remnant biotite (3-5%) replaced by chlorite(?), manganes oxide on fracture.			
2.00	4.00		Minor pyrite.	022957	2.00	4.00
				022958	4.00	6.00
				022959	6.00	8.00
				022960	8.00	10.00
				022961	10.00	12.00
				022962	12.00	14.00
				022963	14.00	16.00
15.20	17.20	ARG	Black fissile argillite with disseminated pyrite.	022964	16.00	18.00
				022965	18.00	20.00
				022966	20.00	22.00
				022967	22.00	24.00
				022968	24.00	26.00
				022969	26.00	28.00
				022970	28.00	30.00
				022971	30.00	32.00
				022972	32.00	34.00
				022973	34.00	36.00
				022974	36.00	38.00
36.40	37.60	ARG	Black, fissile argillite, minor stockwork.	022975	38.00	40.00
				022976	40.00	42.00
				022977	42.00	44.00
				022978	44.00	46.00
				022979	46.00	48.00
				022980	48.00	50.00
				022981	50.00	52.00
				022982	52.00	54.00
53.00	54.00	ARG	Black fissile argillite.			
54.00	56.00	ARG	Black fissile argillite.	022983	54.00	56.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-334

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
56.00	70.00	INT	Limonitic intrusive, occasional quartz eyes, silicic.			
56.00	56.10	ARG	Black, fissile argillite.	022984	56.00	58.00
				022985	58.00	60.00
				022986	60.00	62.00
61.00	61.40	ARG	Black, fissile argillite.	022987	62.00	64.00
				022988	64.00	66.00
				022989	66.00	68.00
				022990	68.00	70.00
69.20	70.00	ARG	Black, fissile, graphitic argillite.			
70.00	74.00	ARG	Black, fissile, graphitic argillite.	022991	70.00	72.00
				022992	72.00	74.00

MORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-335
Grid System : ORIGINAL
Collar Eastings : 18750.000
Collar Northings : 20850.000
Collar Elevations : 0.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	22.00	INT	Limonitic intrusive with abundant quartz eyes and intense stockwork. Lacks sulphides, trace of remnant weathered biotites.	022993	2.00	4.00
				022994	4.00	6.00
4.90	5.10	QFP	Greenish white quartz feldspar porphyry with trace of pyrite.	022995	6.00	8.00
				022996	8.00	10.00
				022997	10.00	12.00
				022998	12.00	14.00
				022999	14.00	16.00
				023000	16.00	18.00
				023001	18.00	20.00
18.95	19.05	QFP	White quartz feldspar porphyry with trace of pyrite.	023002	20.00	22.00
21.90	22.00	ARG	Black siliceous, limonitic argillite.			
22.00	30.00	ARG	Black, siliceous, limonitic argillite with intense white quartz stockworking. Lacks sulphides.	023003	22.00	24.00
				023004	24.00	26.00
26.00	28.00		Minor greywake, sandstone, and fissile argillite.	023005	26.00	28.00
				023006	28.00	30.00
30.00	38.00	INT	Limonitic, quartz rich intrusive. Lacks sulphides.			
30.00	31.00	ARG	Black, siliceous, stockworked argillite.	023007	30.00	32.00
				023008	32.00	34.00
32.65	33.35	ARG	Black, siliceous, stockworked argillite.	023009	34.00	36.00
34.50	35.50	ARG	Black, siliceous, stockworked agrillite.	023010	36.00	38.00
36.60	37.40	ARG	Black, siliceous, stockworked argillite.			
38.00	44.00	ARG	Black, siliceous and fissile stockworked argillite.			
38.00	38.60	INT	Limonitic but quartz poor soft intrusive.	023011	38.00	40.00
38.60	38.80	QFP	Soft, white, crumbly quartz feldspar porphyry.	023012	40.00	42.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-335

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
40.80	41.20	INT	Quartz rich limonitic intrusive.	023013	42.00	44.00
42.85	43.15	INT	Quartz rich limonitic intrusive.			
44.00	60.00	INT	Limonitic, stockworked intrusive with trace of weathered pyrite, remnant biotite and quartz eyes.	023014	44.00	46.00
44.80	45.20	ARG	Intensely limonitic, stockworked argillite	023015	46.00	48.00
46.60	47.40	ARG	Intensely limonitic, stockworked argillite	023016	48.00	50.00
48.60	49.40	ARG	Intensely limonitic, stockworked argillite	023017	50.00	52.00
50.60	51.40	ARG	Intensely limonitic, stockworked argillite			
51.65	52.00	QFP	White quartz feldspar porphyry with 1% pyrite and/or stibnite.	023018	52.00	54.00
52.40	52.80	QFP	White quartz feldspar porphyry with 1% pyrite and/or stibnite.			
53.50	53.75	ARG	Black, siliceous stockworked argillite.	023019	54.00	56.00
54.70	55.30	QFP	Whitish grey with 1% pyrite quartz feldspar porphyry.			
55.50	55.90	ARG	Black, siliceous stockworked argillite.	023020	56.00	58.00
56.50	57.50	QFP	Greenish quartz feldspar porphyry with remnant biotite.			
57.60	57.80	ARG	Black, siliceous stockworked argillite.	023021	58.00	60.00
58.50	59.50	QFP	Green, sulphide poor quartz feldspar porphyry.			
59.60	59.80	ARG	Black, siliceous stockworked argillite.			

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-336
Grid System : ORIGINAL
Collar Eastings : 18750.000
Collar Northings : 20850.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	54.00	INT	Limonitic intrusive, siliceous, abundant quartz eyes, rare remnant biotite altered to chlorite (?); manganese oxide on fracture surfaces common.	023022	2.00	4.00
				023023	4.00	6.00
				023024	6.00	8.00
				023025	8.00	10.00
				023026	10.00	12.00
				023027	12.00	14.00
				023028	14.00	16.00
				023029	16.00	18.00
				023030	18.00	20.00
				023031	20.00	22.00
				023032	22.00	24.00
				023033	24.00	26.00
				023034	26.00	28.00
				023035	28.00	30.00
28.50	29.50	QFP	Grey, massive, siliceous, quartz feldspar porphyry.	023036	30.00	32.00
				023037	32.00	34.00
			NOTE: 34 - 54m; Interval contains 1 - 25% quartz feldspar porphyry fragments as above.			
34.00	36.00		20% quartz feldspar porphyry.	023038	34.00	36.00
36.00	38.00		15% quartz feldspar porphyry.	023039	36.00	38.00
38.00	40.00		15% quartz feldspar porphyry.	023040	38.00	40.00
40.00	42.00		20% quartz feldspar porphyry, 1% argillite	023041	40.00	42.00
42.00	44.00		25% quartz feldspar porphyry.	023042	42.00	44.00
44.00	46.00		10% quartz feldspar porphyry.	023043	44.00	46.00
46.00	48.00		5% quartz feldspar porphyry.	023044	46.00	48.00
48.00	50.00		1% quartz feldspar porphyry.	023045	48.00	50.00
50.00	52.00		1% quartz feldspar porphyry.	023046	50.00	52.00
52.00	54.00		3% quartz feldspar porphyry.	023047	52.00	54.00

NORANDA EXPLORA

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-337
Grid System : ORIGINAL
Collar Eastings : 0.000
Collar Northings : 0.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

DIAMOND DRILL I

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	38.00	INT	Highly limonitic quartz rich, sulphide poor intrusive with traces of remnant altered biotite. Quartz eye rich. High amounts of manganese oxide.			
2.00	14.00		5-10% greenish white sulphide poor quartz feldspar porphyry.	023048	2.00	4.00
				023049	4.00	6.00
				023050	6.00	8.00
				023051	8.00	10.00
				023052	10.00	12.00
				023053	12.00	14.00
14.00	16.00		10-15% slightly oxidized quartz feldspar porphyry.	023054	14.00	16.00
				023055	16.00	18.00
16.45	17.55	ARG	Siliceous black argillite.	023056	18.00	20.00
18.95	19.05	ARG	Siliceous black argillite.	023057	20.00	22.00
				023058	22.00	24.00
				023059	24.00	26.00
				023060	26.00	28.00
				023061	28.00	30.00
				023062	30.00	32.00
30.50	31.50	ARG	Black, siliceous, limonitic, stockworked argillite.			
32.00	34.00		Abundant sericite sheen throughout.	023063	32.00	34.00
				023064	34.00	36.00
34.50	35.50	ARG	Limonitic, fissile and siliceous black argillite.	023065	36.00	38.00
36.60	37.40	ARG	Limonitic, fissile and siliceous black argillite.			
37.60	38.00	QFP	White, slightly limonitic quartz feldspar porphyry.			
38.00	46.00	ARG	Black fissile stockworked argillite, graphitic.	023066	38.00	40.00
				023067	40.00	42.00
				023068	42.00	44.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-337

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
				023069	44.00	46.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-338
Grid System : ORIGINAL
Collar Eastings : 18760.000
Collar Northings : 20700.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	44.00	INT	Limonitic intrusive, siliceous, abundant quartz eyes, minor biotite completely altered to chlorite(?).	023070	2.00	4.00
4.00	6.00		5% siliceous quartz feldspar porphyry.	023071	4.00	6.00
				023072	6.00	8.00
6.80	7.20	ARG	Black, fissile argillite.			
8.00	10.00		Less than 5% argillite, 1% quartz feldspar porphyry.	023073	8.00	10.00
				023074	10.00	12.00
				023075	12.00	14.00
				023076	14.00	16.00
				023077	16.00	18.00
				023078	18.00	20.00
				023079	20.00	22.00
				023080	22.00	24.00
				023081	24.00	26.00
				023082	26.00	28.00
				023083	28.00	30.00
				023084	30.00	32.00
				023085	32.00	34.00
32.75	35.50	ARG	Black, fissile, limonitic argillite.	023086	34.00	36.00
36.00	38.00		Less than 2% quartz feldspar porphyry (siliceous, quartz feldspar porphyry)	023087	36.00	38.00
38.00	42.00		30% quartz feldspar porphyry (siliceous, quartz feldspar porphyry).	023088	38.00	40.00
				023089	40.00	42.00
42.00	44.00		1% argillite.	023090	42.00	44.00
44.00	48.00	ARG	Black, fissile, siliceous argillite.	023091	44.00	46.00
				023092	46.00	48.00
47.50	48.00	INT	Limonitic intrusive.			
48.00	52.00	INT	Limonitic intrusive.	023093	48.00	50.00
48.90	50.10	ARG	Black fissile, limonitic argillite.	023094	50.00	52.00
52.00	56.00	ARG	Black, graphitic argillite.			

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-338

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
52.00	52.10	INT	Limonitic intrusive, siliceous quartz eyes minor biotite.	023095	52.00	54.00
				023096	54.00	56.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-339
Grid System : ORIGINAL
Collar Eastings : 18860.000
Collar Northings : 20775.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 56.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	20.00	INT	Limonitic, quartz rich, sulphide poor intrusive.	023097	2.00	4.00
4.00	8.00		5-10% slightly limonitic white quartz feldspar porphyry.	023098	4.00	6.00
				023099	6.00	8.00
8.00	8.90		40% white, sulphide poor quartz feldspar porphyry.	023100	8.00	10.00
8.90	9.10	ARG	Black siliceous argillite.			
9.10	10.00		40% white sulphide poor quartz feldspar porphyry.			
10.00	12.00		Quartz eye rich intrusive, 5% quartz feldspar porphyry.	023101	10.00	12.00
12.00	16.00		5% white pyritic quartz feldspar porphyry	023102	12.00	14.00
			also 5% green pyritic quartz feldspar porphyry with green sericite? Biotite? (Fresh intrusive?)	023103	14.00	16.00
				023104	16.00	18.00
16.50	17.50	QFP	Greyish white pyritic quartz feldspar porphyry with 2% green greenish chips and 1% jadegreen chips.	023105	18.00	20.00
18.50	19.50	QFP	Greyish white slightly pyritic quartz feldspar porphyry.			
20.00	40.00	QFP	Greyish white pyritic quartz feldspar porphyry with 5-15% limonitic intrusive pods.	023106	20.00	22.00
				023107	22.00	24.00
				023108	24.00	26.00
				023109	26.00	28.00
28.00	40.00		Some pinkish chips, not as pyritic or limonitic.	023110	28.00	30.00
				023111	30.00	32.00
				023112	32.00	34.00
				023113	34.00	36.00
				023114	36.00	38.00
				023115	38.00	40.00

NORANDA EXPLORA
DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-340
Grid System : ORIGINAL
Collar Eastings : 18860.000
Collar Northings : 20750.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	12.00	ARG	Black fissile argillite with very fine grained sericite on cleavage planes. NOTE: 6-12m; Hairline pyrite fractures and disseminated pyrite.	023116	2.00	4.00
				023117	4.00	6.00
				023118	6.00	8.00
				023119	8.00	10.00
				023120	10.00	12.00
11.80	12.00	INT	Same as 12-30m.			
12.00	30.00	INT	Limonitic intrusive, siliceous quartz feldspar porphyritic, fine-grained quartz monzonite(?). Contains between 1% and 60% non oxidized (intrusive quartz feldspr porphyry) as described below, 30-38m.	023121	12.00	14.00
				023122	14.00	16.00
				023123	16.00	18.00
				023124	18.00	20.00
				023125	20.00	22.00
				023126	22.00	24.00
				023127	24.00	26.00
				023128	26.00	28.00
				023129	28.00	30.00
30.00	38.00	QFP	White to grey, siliceous quartz feldspar porphyry, weakly oxidized.	023130	30.00	32.00
				023131	32.00	34.00
				023132	34.00	36.00
36.00	38.00		Finely disseminated stibnite ,less than 1%	023133	36.00	38.00
38.00	46.00	INT	Limonitic intrusive, siliceous fine-grained, quartz feldspar porphyry, probably quartz monzonite, contains minor remnant biotite altered to chlorite.	023134	38.00	40.00
				023135	40.00	42.00
				023136	42.00	44.00
				023137	44.00	46.00
46.00	48.00	ARG	Black, fissile, graphitic, argillite.			
46.00	46.80	INT	Limonitic intrusive, siliceous, fine-grained quartz feldspar porphyry with rare biotite phenocrysts altered to chlorite(?)	023138	46.00	48.00
48.00	52.00	QFP	White to grey, occasionally pinkish,			

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-340

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
			quartz feldspar porphyry. Matrix is fine-grained to aphanitic.			
48.00	48.60	ARG	Black, fissile, graphitic argillite.	023139	48.00	50.00
				023140	50.00	52.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-341
Grid System : ORIGINAL
Collar Eastings : 18920.000
Collar Northings : 20875.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	20.00	INT	Limonitic intrusive; siliceous feldspar porphyritic, fine grained intrusive rock, pervasively oxidized, dispersed quartz feldspar porphyry fragments throughout. NOTE: Minor disseminated pyrite visible in quartz feldspar porphyry.	023141 023142	2.00 4.00	4.00 6.00
6.00	8.00		30% quartz feldspar porphyry.	023143	6.00	8.00
8.00	10.00		25% quartz feldspar porphyry.	023144	8.00	10.00
10.00	12.00		30% quartz feldspar porphyry.	023145	10.00	12.00
12.00	14.00		50% quartz feldspar porphyry.	023146 023147	12.00 14.00	14.00 16.00
16.00	18.00		60% quartz feldspar porphyry.	023148	16.00	18.00
18.00	20.00		10% quartz feldspar porphyry.	023149	18.00	20.00
20.00	24.00	QFP	White to grey, siliceous quartz feldspar porphyry. Matrix is very fine grained to aphanitic.			
20.00	22.00		25% intrusive.	023150 023151	20.00 22.00	22.00 24.00
24.00	28.00	INT	Limonitic intrusive, siliceous feldspar porphyritic; fine grained intrusive rock, pervasively oxidized, dispersed quartz feldspar porphyry fragments throughout.	023152	24.00	26.00
26.00	28.00		15% quartz feldsapr porphyry.	023153	26.00	28.00
28.00	30.00	QFP	White to grey, siliceous quartz feldspar porphyry. Matrix is very fine grained to aphanitic.			
28.00	30.00		40% intrusive.	023154	28.00	30.00
30.00	36.00	INT	Limonitic intrusive; siliceous, feldspar porphyritic, fine grained intrusive rock			

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-341

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
			with minor quartz phenocrysts and remnant biotite altered to chlorite.			
30.00	32.00		5% quartz feldspar porphyry.	023155	30.00	32.00
32.00	34.00		15% quartz feldspar porphyry.	023156	32.00	34.00
34.00	36.00		25% quartz feldspar porphyry.	023157	34.00	36.00
36.00	40.00	QFP	White to grey, siliceous quartz feldspar porphyry. Matrix is very fine grained to aphanitic.			
36.00	38.00		15% intrusive.	023158	36.00	38.00
38.00	40.00		10% intrusive.	023159	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-342
Grid System : ORIGINAL
Collar Eastings : 18950.000
Collar Northings : 20790.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	22.00	ARG	Black siliceous, stockworked argillite with grey chert.			
2.00	4.00		90% grey chert.	023160	2.00	4.00
				023161	4.00	6.00
				023162	6.00	8.00
8.00	10.00		10% grey chert.	023163	8.00	10.00
				023164	10.00	12.00
				023165	12.00	14.00
				023166	14.00	16.00
				023167	16.00	18.00
18.00	22.00		Black, graphitic , pyritic.	023168	18.00	20.00
				023169	20.00	22.00
22.00	52.00	QFP	White, pink, grey, dark grey, or green, pyritic quartz feldspar porphyry with small scattered pods of limonitic intrusive. Possible stibnite.			
22.00	24.00		30% limonitic intrusive.	023170	22.00	24.00
				023171	24.00	26.00
				023172	26.00	28.00
				023173	28.00	30.00
				023174	30.00	32.00
				023175	32.00	34.00
34.00	38.00		40% limonitic, pyritic, quartz rich intrusive.	023176	34.00	36.00
				023177	36.00	38.00
38.00	40.00		Greyish green, unoxidized quartz eye rich quartz feldspar porphyry.	023178	38.00	40.00
40.00	44.00		25-30% limonitic intrusive.	023179	40.00	42.00
				023180	42.00	44.00
				023181	44.00	46.00
45.20	46.20	P*INT	Dark grey black biotite rich fresh intrusive.	023182	46.00	48.00
				023183	48.00	50.00
				023184	50.00	52.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-343
Grid System : ORIGINAL
Collar Eastings : 18950.000
Collar Northings : 20765.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	32.00	INT	Limonitic, quartz rich intrusive with remnant biotite and quartz eyes.	023185	2.00	4.00
4.00	6.00		20% white quartz rich quartz feldspar porphyry.	023186	4.00	6.00
				023187	6.00	8.00
				023188	8.00	10.00
10.00	12.00		10% white pyritic quartz feldspar porphyry	023189	10.00	12.00
				023190	12.00	14.00
				023191	14.00	16.00
				023192	16.00	18.00
16.50	17.50	QFP	White, pyritic quartz feldspar porphyry.	023193	18.00	20.00
				023194	20.00	22.00
				023195	22.00	24.00
				023196	24.00	26.00
				023197	26.00	28.00
				023198	28.00	30.00
30.00	32.00		White, pyritic quartz feldspar porphyry.	023199	30.00	32.00
32.00	52.00	QFP	Quartz rich pyritic, white to grey quartz feldspar porphyry.	023200	32.00	34.00
				023201	34.00	36.00
				023202	36.00	38.00
36.50	38.11	ARG	Black siliceous, stockworked argillite.	023203	38.00	40.00
40.00	46.00		Pink to weakly limonitic, pyritic quartz feldspar porphyry.	023204	40.00	42.00
				023205	42.00	44.00
				023206	44.00	46.00
				023207	46.00	48.00
46.75	48.75	INT	Limonitic quartz rich intrusive.	023208	48.00	50.00
50.00	52.00		40% limonitic, pyritic quartz rich intrusive.	023209	50.00	52.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-344
Grid System : ORIGINAL
Collar Eastings : 18950.000
Collar Northings : 20900.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	22.00	INT	Siliceous, limonitic, quartz eye rich intrusive.			
2.00	4.00		10% limonitic chips have black biotite (secondary?).	023210	2.00	4.00
				023211	4.00	6.00
				023212	6.00	8.00
				023213	8.00	10.00
9.00	10.80	QFP	White quartz feldspar porphyry with trace pyrite.	023214	10.00	12.00
				023215	12.00	14.00
14.00	16.00		40% white sulphide poor quartz feldspar porphyry.	023216	14.00	16.00
				023217	16.00	18.00
				023218	18.00	20.00
20.00	22.00		Highly limonitic intrusive with remnant biotite and 20% grey, pyritic quartz feldspar.	023219	20.00	22.00
22.00	26.00	QFP	Light grey, pyritic quartz feldspar porphyry with remnant biotite.			
22.00	24.00		20% limonitic intrusive.	023220	22.00	24.00
				023221	24.00	26.00
26.00	36.00	INT	Quartz rich limonitic intrusive with remnant biotite.			
26.00	32.00		25% pyrite +/- stibnite rich white quartz feldspar porphyry.	023222	26.00	28.00
				023223	28.00	30.00
				023224	30.00	32.00
32.00	34.00		50% pyrite +/- stibnite rich grey quartz feldspar porphyry.	023225	32.00	34.00
				023226	34.00	36.00
36.00	46.00	QFP	Greyish white, pyritic quartz feldspar porphyry.			
36.00	38.00		10% limonitic intrusive.	023227	36.00	38.00
38.00	42.00		35% limonitic intrusive.	023228	38.00	40.00
				023229	40.00	42.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-344

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
				023230	42.00	44.00
42.50	43.50	INT	Quartz rich limonitic intrusive.	023231	44.00	46.00
46.00	52.00	INT	Quartz rich, limonitic intrusive with quartz eyes and remnant biotite.	023232	46.00	48.00
				023233	48.00	50.00
				023234	50.00	52.00
51.00	52.00	ARG	Siliceous, black, stockworked, pyritic argillite.			
52.00	56.00	ARG	Black, siliceous, stockworked, pyritic argillite.	023235	52.00	54.00
				023236	54.00	56.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-345
Grid System : ORIGINAL
Collar Eastings : 19025.000
Collar Northings : 20835.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	32.00	INT	Limonitic intrusive; quartz feldspar porphyritic monzonite, pervasively oxidized rare remnant biotite altered to chlorite and sometimes pyrite. Minor disseminated sulphides, predominantly pyrite and rare arsenopyrite(?).	023237	2.00	4.00
				023238	4.00	6.00
				023239	6.00	8.00
8.00	10.00		5% quartz feldspar porphyry.	023240	8.00	10.00
10.00	12.00		10% argillite fragments.	023241	10.00	12.00
				023242	12.00	14.00
				023243	14.00	16.00
				023244	16.00	18.00
				023245	18.00	20.00
20.00	22.00		15% quartz feldspar porphyry.	023246	20.00	22.00
22.00	24.00		40% quartz feldspar porphyry.	023247	22.00	24.00
24.00	26.00		15% quartz feldspar porphyry.	023248	24.00	26.00
26.00	28.00		25% quartz feldspar porphyry.	023249	26.00	28.00
28.00	30.00		10% quartz feldspar porphyry.	023250	28.00	30.00
30.00	32.00		10% quartz feldspar porphyry.	023251	30.00	32.00
32.00	34.00	QFP	White, grey and pink coloured, siliceous, plagioclase porphyry. Matrix is fine grained to aphanitic. Disseminated pyrite throughout. Minor (1%) light green, alteration mineral.	023252	32.00	34.00
34.00	38.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic intrusive. Disseminated pyrite visible in non oxidized fragments (quartz feldspar porphyry)			
34.00	36.00		10% quartz feldspar porphyry.	023253	34.00	36.00
				023254	36.00	38.00
37.10	38.00	QFP	Grey coloured siliceous quartz feldspar porphyry.			

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-345

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
38.00	40.00	QPP	White to grey, siliceous quartz feldspar porphyry contains disseminated pyrite throughout. 10% intrusive.	023255	38.00	40.00
40.00	46.00	INT	Limonitic intrusive; siliceous quartz feldspar porphyritic, pervasively oxidized intrusive minor disseminated pyrite.	023256	40.00	42.00
42.00	44.00		1% argillite	023257	42.00	44.00
				023258	44.00	46.00
46.00	52.00	ARG	Black, fissile argillite with minor grey siltstone, minor disseminated pyrite.			
46.00	46.20	INT	Oxidized quartz feldspar porphyry.	023259	46.00	48.00
				023260	48.00	50.00
				023261	50.00	52.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCkc 91-346
Grid System : ORIGINAL
Collar Eastings : 19025.000
Collar Northings : 20860.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	14.00	INT	Limonitic intrusive with quartz eyes and remnant biotite. Some red staining (kermesite ?).	023262	2.00	4.00
				023263	4.00	6.00
6.00	8.00		20% white sulphide poor quartz feldspar porphyry.	023264	6.00	8.00
				023265	8.00	10.00
				023266	10.00	12.00
				023267	12.00	14.00
13.70	14.00	ARG	Black fissile and siliceous argillite.			
14.00	16.00	ARG	Black, fissile argillite, limonitic.	023268	14.00	16.00
16.00	22.00	INT	Quartz rich limonitic intrusive with 10-20% white pyritic quartz feldspar porphyry.			
16.00	17.00	ARG	Black, siliceous stockworked argillite.	023269	16.00	18.00
				023270	18.00	20.00
				023271	20.00	22.00
22.00	24.00	QFP	White, pyritic quartz feldspar porphyry with 5% limonitic intrusive.	023272	22.00	24.00
24.00	32.00	INT	Quartz rich, pyritic, limonitic intrusive 5-10% quartz feldspar porphyry.	023273	24.00	26.00
				023274	26.00	28.00
26.40	27.60	ARG	Black, fissile argillite.	023275	28.00	30.00
				023276	30.00	32.00
31.00	32.00	ARG	Black, fissile and siliceous stockworked argillite.			
32.00	40.00	ARG	Black, fissile limonitic argillite with 5% limonitic intrusive.	023277	32.00	34.00
				023278	34.00	36.00
				023279	36.00	38.00
				023280	38.00	40.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-347
Grid System : ORIGINAL
Collar Eastings : 19075.000
Collar Northings : 20860.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	18.00	INT	Highly limonitic quartz rich intrusive with manganese oxide and minor red alteration (kermesite?). Quartz eyes present.	023281	2.00	4.00
				023282	4.00	6.00
				023283	6.00	8.00
8.00	14.00		50% white to slightly limonitic, sulphide poor quartz feldspar porphyry.	023284	8.00	10.00
				023285	10.00	12.00
				023286	12.00	14.00
				023287	14.00	16.00
14.80	15.20	ARG	Black fissile argillite.			
16.00	18.00		Limonitic intrusion with weathered remnant biotite.	023288	16.00	18.00
18.00	28.00	ARG	Black fissile argillite with traces of bedding.			
18.00	20.00		20% limonitic quartz rich intrusive.	023289	18.00	20.00
				023290	20.00	22.00
22.00	24.00		15% black sandstone and grey shale.	023291	22.00	24.00
				023292	24.00	26.00
				023293	26.00	28.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-348

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
			quartz eyes, remnant biotite altered to chlorite.			
32.00	34.00		40% quartz feldspar porphyry.	023309	32.00	34.00
34.00	36.00		50% quartz feldspar porphyry.	023310	34.00	36.00
36.00	40.00	F*INT	Light to dark grey, siliceous quartz feldspar porphyry with 5-10% secondary biotite (copper coloured). Matrix is fine grained to aphanitic.	023311	36.00	38.00
				023312	38.00	40.00
40.00	46.00	ARG	Black, siliceous argillite with finely disseminated pyrite on fracture surfaces.	023313	40.00	42.00
				023314	42.00	44.00
				023315	44.00	46.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-349
Grid System : ORIGINAL
Collar Eastings : 19160.000
Collar Northings : 20960.000
Collar Elevations : 0.000
Collar Bearing : 334.00
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	12.00	ARG	Black to grey fissile, stockworked argillite.	023316	2.00	4.00
				023317	4.00	6.00
				023318	6.00	8.00
				023319	8.00	10.00
				023320	10.00	12.00
12.00	20.00	INT	Quartz rich limonitic intrusive the occasional quartz eyes and some dark red alteration.			
12.00	12.40	ARG	Black fissile and siliceous argillite.	023321	12.00	14.00
				023322	14.00	16.00
16.00	18.00		15% pyrite white to grey quartz feldspar porphyry with sericite.	023323	16.00	18.00
				023324	18.00	20.00
18.20	20.00		40% quartz feldspar porphyry with sericite			
20.00	30.00	QFP	White, pyrite quartz feldspar porphyry with sericite and quartz eyes.			
20.00	22.00		20% limonitic, quartz rich intrusive.	023325	20.00	22.00
22.00	24.00		40% limonitic, pyritic, quartz rich intrusive.	023326	22.00	24.00
24.00	30.00		30% limonitic, pyritic, quartz rich intrusive.	023327	24.00	26.00
				023328	26.00	28.00
				023329	28.00	30.00
30.00	34.00	ARG	Black fissile stockworked argillite with pieces of massive argillite.	023330	30.00	32.00
				023331	32.00	34.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-350
Grid System : ORIGINAL
Collar Eastings : 19200.000
Collar Northings : 20985.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	14.00	INT	Limonitic, quartz-rich intrusive with remnant altered biotite and kermesite.	023332	2.00	4.00
2.50	3.50	QFP	White, pyritic quartz feldspar porphyry.			
3.80	4.00	ARG	Black, siliceous, stockworked argillite.			
4.00	5.00	ARG	Black, siliceous plus fissile stockworked argillite.	023333	4.00	6.00
				023334	6.00	8.00
				023335	8.00	10.00
				023336	10.00	12.00
10.50	11.50		Pyritic siliceous argillite stockworked with grey quartz stibnite-rich stockwork and massive pyrite chips.			
12.00	14.00		40% pyritic light grey quartz feldspar porphyry.	023337	12.00	14.00
14.00	32.00	QFP	Pyritic, whitish grey, quartz-rich quartz feldspar porphyry with sericite flakes.			
14.00	18.00		35-40% limonitic quartz-rich intrusive.	023338	14.00	16.00
				023339	16.00	18.00
18.00	26.00		45-50% limonitic quartz-rich intrusive with minor quartz eyes.	023340	18.00	20.00
				023341	20.00	22.00
				023342	22.00	24.00
				023343	24.00	26.00
26.00	32.00		10-20% limonitic intrusive. Less pyritic quartz feldspar porphyry and trace of pistachio green potassium feldspar alteration.	023344	26.00	28.00
				023345	28.00	30.00
				023346	30.00	32.00
32.00	38.00	ARG	Grey and black pyritic, siliceous argillite.			
32.00	36.00		Massive grey siliceous but fissile siltstone(?) with disseminated fine grained pyrite and stockwork with a few chips of massive pyrite. 10% black argillite.	023347	32.00	34.00
				023348	34.00	36.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-350

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
36.00	38.00		Black, siliceous, pyritic, stockworked, graphitic argillite.	023349	36.00	38.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-351
Grid System : ORIGINAL
Collar Eastings : 19425.000
Collar Northings : 20125.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 65.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	16.00	INT	Limonitic intrusive; clay altered feldspar phenocrysts and abundant quartz eyes, minor remnant biotite altered to chlorite.	023350	2.00	4.00
4.00	6.00		Less than 1% argillite fragments.	023351	4.00	6.00
6.00	8.00		20% quartz feldspar porphyry.	023352	6.00	8.00
				023353	8.00	10.00
				023354	10.00	12.00
				023355	12.00	14.00
14.00	16.00		Less than 5% argillite.	023356	14.00	16.00
16.00	26.00	ARG	Black, fissile soft argillite. Minor grey, siliceous siltstone. Finely disseminated pyrite on fracture surfaces.	023357	16.00	18.00
				023358	18.00	20.00
				023359	20.00	22.00
				023360	22.00	24.00
23.60	24.00	INT	Limonitic intrusive, siliceous, quartz feldspar porphyritic, pervasively altered intrusive.	023361	24.00	26.00
25.70	26.00	ARG	Black, fissile argillite.			
26.00	28.00	ARG	Siliceous black argillite.	023362	26.00	28.00
28.00	34.00	INT	Limonitic intrusive, siliceous, quartz feldspar porphyritic, pervasively altered intrusive.	023363	28.00	30.00
				023364	30.00	32.00
30.50	31.50	ARG	Siliceous black argillite.	023365	32.00	34.00
33.20	34.00	ARG	Siliceous black argillite.			
34.00	40.00	ARG	Black, graphitic argillite finely disseminated pyrite throughout.	023366	34.00	36.00
				023367	36.00	38.00
36.60	37.40	INT	Oxidized intrusive.	023368	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-352
Grid System : ORIGINAL
Collar Eastings : 19425.000
Collar Northings : 20150.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	8.00	INT	Limonitic, quartz-rich intrusive with occasional quartz eyes.			
2.00	4.00		10% whitish yellow quartz feldspar porphyry.	023369	2.00	4.00
				023370	4.00	6.00
				023371	6.00	8.00
6.50	7.50	ARG	Black fissile, heavily stockworked argillite.			
8.00	16.00	ARG	Black fissile, heavily stockworked argillite. 20-40% soft grey shale.	023372	8.00	10.00
				023373	10.00	12.00
				023374	12.00	14.00
				023375	14.00	16.00
16.00	20.00	INT	Limonitic, quartz-rich intrusive.			
16.00	16.30	ARG	Black siliceous argillite.	023376	16.00	18.00
16.30	18.00		30% white to yellow quartz feldspar porphyry.	023377	18.00	20.00
19.70	20.00	ARG	Black siliceous argillite.			
20.00	24.00	ARG	Black, fissile, stockworked, graphitic argillite.	023378	20.00	22.00
				023379	22.00	24.00
24.00	26.00	INT	Limonitic, quartz-rich intrusive with abundant red hematite and/or kermesite.10% quartz feldspar porphyry, 10% argillit	023380	24.00	26.00
26.00	28.00	ARG	Black, siliceous, stockworked argillite with 10% intrusive.	023381	26.00	28.00
28.00	30.00	INT	Limonitic, quartz-rich intrusive.	023382	28.00	30.00
30.00	34.00	ARG	Black, siliceous, stockworked argillite with 10% intrusive.	023383	30.00	32.00
				023384	32.00	34.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-352

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
34.00	36.00	QFP	White, slightly limonitic, pyrite quartz feldspar porphyry.	023385	34.00	36.00
36.00	38.00	ARG	Black, stockworked, siliceous argillite.			
36.00	37.00		10% pyritic quartz feldspar porphyry.	023386	36.00	38.00
				023387	38.00	40.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-353
Grid System : ORIGINAL
Collar Eastings : 19425.000
Collar Northings : 20175.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

DIAMOND DRILL

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	4.00	ARG	Black fissile stockworked argillite with 50% softer grey shale.	023388	2.00	4.00
4.00	8.00	INT	Limonitic, quartz-rich intrusive .	023389	4.00	6.00
				023390	6.00	8.00
7.50	8.00	ARG	Black fissile argillite.			
8.00	16.00	ARG	Black, siliceous and fissile, graphitic, stockworked argillite.			
8.00	18.00		45% limonitic intrusive and unoxidized quartz feldspar porphyry, stockworked with massive stibnite with traces of metallic blue-green oxidation.	023391	8.00	10.00
				023392	10.00	12.00
				023393	12.00	14.00
				023394	14.00	16.00
16.00	18.00	INT	Limonitic quartz-rich stockworked intrusive with 30% white quartz feldspar porphyry.	023395	16.00	18.00
18.00	28.00	ARG	Black siliceous stockworked, graphitic argillite.	023396	18.00	20.00
20.00	22.00		15% limonitic intrusive.	023397	20.00	22.00
				023398	22.00	24.00
				023399	24.00	26.00
26.00	28.00		10% limonitic intrusive.	023400	26.00	28.00
28.00	32.00	INT	Weakly limonitic, quartz-rich intrusive with sericitic alteration and remnant biotite.	023401	28.00	30.00
				023402	30.00	32.00
31.60	32.00	ARG	Black, siliceous, stockworked argillite.			
32.00	40.00	ARG	Black, graphitic, siliceous, stockworked argillite.	023403	32.00	34.00
34.00	36.00		10% limonitic intrusive.	023404	34.00	36.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-353

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
				023405	36.00	38.00
				023406	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-354
Grid System : ORIGINAL
Collar Eastings : 19485.000
Collar Northings : 20070.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	8.00	INT	Limonitic, quartz-rich intrusive.			
2.00	4.00		30% white quartz feldspar porphyry, trace kermesite.	023407	2.00	4.00
				023408	4.00	6.00
6.00	8.00		5% white quartz feldspar porphyry, remnant biotite.	023409	6.00	8.00
8.00	12.00	ARG	Black fissile argillite. 20% limonitic intrusive.	023410	8.00	10.00
				023411	10.00	12.00
12.00	30.00	INT	Limonitic, quartz-rich intrusive. Rare quartz eyes and remnant biotite.	023412	12.00	14.00
				023413	14.00	16.00
				023414	16.00	18.00
				023415	18.00	20.00
20.00	22.00		20% green and pinkish white, pyritic quartz feldspar porphyry.	023416	20.00	22.00
				023417	22.00	24.00
24.00	26.00		10% green and pinkish white, pyritic quartz feldspar porphyry.	023418	24.00	26.00
				023419	26.00	28.00
				023420	28.00	30.00
30.00	40.00	ARG	Black, siliceous, stockworked, graphitic argillite.			
30.00	34.00		25% Limonitic quartz-rich intrusive.	023421	30.00	32.00
				023422	32.00	34.00
				023423	34.00	36.00
				023424	36.00	38.00
				023425	38.00	40.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-355
Grid System : ORIGINAL
Collar Eastings : 19485.000
Collar Northings : 20095.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	26.00	INT	Limonitic, quartz-rich intrusive with remnant weathered biotite.			
2.00	8.00		10% white, sulphide poor quartz feldspar porphyry.	023426	2.00	4.00
				023427	4.00	6.00
				023428	6.00	8.00
8.00	10.00		20% white, sulphide poor quartz feldspar porphyry.	023429	8.00	10.00
				023430	10.00	12.00
12.00	25.00		quartz eyes present.	023431	12.00	14.00
				023432	14.00	16.00
				023433	16.00	18.00
				023434	18.00	20.00
				023435	20.00	22.00
				023436	22.00	24.00
24.00	25.00		Dark red quartz-rich intrusive or stock-work.	023437	24.00	26.00
25.00	26.00	ARG	Black, siliceous stockworked argillite.			
26.00	40.00	ARG	Black, siliceous, graphitic, stockworked argillite.	023438	26.00	28.00
				023439	28.00	30.00
				023440	30.00	32.00
				023441	32.00	34.00
				023442	34.00	36.00
				023443	36.00	38.00
				023444	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-356
Grid System : ORIGINAL
Collar Eastings : 19545.000
Collar Northings : 20050.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	30.00	INT	Limonitic, quartz-rich intrusive with remnant weathered biotite.	023445	2.00	4.00
4.00	6.00		Biotites often black and unaltered.	023446	4.00	6.00
				023447	6.00	8.00
				023448	8.00	10.00
				023449	10.00	12.00
				023450	12.00	14.00
				023451	14.00	16.00
16.00	28.00		Quartz eyes present.	023452	16.00	18.00
				023453	18.00	20.00
				023454	20.00	22.00
				023455	22.00	24.00
				023456	24.00	26.00
				023457	26.00	28.00
28.00	30.00		Dark red intrusive.	023458	26.00	30.00
30.00	36.00	ARG	Black fissile stockworked argillite.			
30.00	32.00		10% limonitic intrusive.	023459	30.00	32.00
32.00	34.00		20% limonitic intrusive.	023460	32.00	34.00
34.00	36.00		Graphitic argillite.	023461	34.00	36.00

NORANDA EXPLORA

DIAMOND DRILL 1

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-357
Grid System : ORIGINAL
Collar Eastings : 19600.000
Collar Northings : 19810.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	20.00	ARG	Soft, black fissile argillite, and grey siltstone. Very finely disseminated pyrite on cleavage surfaces throughout.	023462	2.00	4.00
				023463	4.00	6.00
				023464	6.00	8.00
				023465	8.00	10.00
10.00	12.00		Strong lineation defined by microfractures on cleavage surfaces.	023466	10.00	12.00
				023467	12.00	14.00
				023468	14.00	16.00
16.00	20.00		Graphitic argillite.	023469	16.00	18.00
				023470	18.00	20.00
20.00	22.00	INT	Limonitic intrusive; quartz feldspar porphyritic, siliceous intrusive, matrix is fine grained to aphanitic. Minor disseminated pyrite visible.	023471	20.00	22.00
22.00	40.00	ARG	Black, fissile, graphitic argillite. Finely disseminated pyrite throughout.			
22.00	22.40	INT	Limonitic silicic intrusive rock.	023472	22.00	24.00
				023473	24.00	26.00
				023474	26.00	28.00
				023475	28.00	30.00
				023476	30.00	32.00
32.00	34.00		3% quartz feldspar porphyry.	023477	32.00	34.00
34.00	36.00		10% quartz feldspar porphyry.	023478	34.00	36.00
36.00	38.00		40% quartz feldspar porphyry.	023479	36.00	38.00
38.00	40.00		40% quartz feldspar porphyry.	023480	38.00	40.00

NORANDA EXPLORA

DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-358
Grid System : ORIGINAL
Collar Eastings : 19600.000
Collar Northings : 19785.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	4.00	Casing	Casing			
2.00	4.00		Not sampled.			
4.00	14.00	ARG	Black, fissile, soft shale and grey, very soft siltstone, probably pervasively argillically altered. Finely disseminated pyrite throughout. At 8m, siltstone abundance decreases to less than 10% and shale becomes increasingly more graphitic down section.	023481	4.00	6.00
				023482	6.00	8.00
				023483	8.00	10.00
				023484	10.00	12.00
				023485	12.00	14.00
14.00	18.00	INT	Limonitic intrusive; pervasively oxidized, siliceous intrusive rock.			
14.00	16.00	ARG	Graphitic shale.	023486	14.00	16.00
				023487	16.00	18.00
17.40	18.00	ARG	Graphitic shale.			
18.00	22.00	ARG	Black, fissile, graphitic shale. Finely disseminated pyrite throughout.	023488	18.00	20.00
				023489	20.00	22.00
22.00	30.00	QFP	White to grey, siliceous, quartz feldspar porphyry. Finely disseminated sulphides throughout, predominantly pyrite with minor arsenopyrite(?). Weakly oxidized.	023490	22.00	24.00
				023491	24.00	26.00
				023492	26.00	28.00
				023493	28.00	30.00
30.00	38.00	ARG	Siliceous, black, fissile shale. Finely disseminated pyrite throughout.			
30.00	30.30	QFP	White to grey, siliceous, quartz feldspar porphyry. Finely disseminated sulphides throughout, predominantly pyrite with minor arsenopyrite(?). Weakly oxidized.	023494	30.00	32.00
				023495	32.00	34.00
34.00	36.00		10% quartz feldspar porphyry.	023496	34.00	36.00
36.00	38.00		15% quartz feldspar porphyry.	023497	36.00	38.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-359
Grid System : ORIGINAL
Collar Eastings : 19600.000
Collar Northings : 19760.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	4.00	Casing	Casing			
2.00	4.00		Overburden, not sampled.			
4.00	8.00	INT	Limonitic intrusive; quartz feldspar porphyritic siliceous intrusive, minor remnant biotite altered to chlorite.	023498	4.00	6.00
				023499	6.00	8.00
7.60	8.00	ARG	Balck, fissile argillite.			
8.00	20.00	ARG	Black, fissile, graphitic argillite, minor (less than 1%) finely disseminated pyrite on fracture surfaces.	023500	8.00	10.00
				023501	10.00	12.00
				023502	12.00	14.00
				023503	14.00	16.00
				023504	16.00	18.00
				023505	18.00	20.00
20.00	24.00	QFP	White to light grey, siliceous quartz feldspar porphyry. Matrix is very fine grained to aphanitic. Finely disseminated to fine grained pods of pyrite and minor arsenopyrite (?).	023506	20.00	22.00
22.00	24.00		Less than 5% argillite chips.	023507	22.00	24.00
24.00	28.00	ARG	Black, fissile, graphitic shale.	023508	24.00	26.00
				023509	26.00	28.00
28.00	30.00	QFP	White to light grey, siliceous quartz feldspar porphyry. Matrix is very fine grained to aphanitic. Finely disseminated to fine grained pods of pyrite and minor arsenopyrite (?).	023510	28.00	30.00
29.30	30.00	ARG	Graphitic argillite.			
30.00	32.00	ARG	Black, fissile graphitic shale.	023511	30.00	32.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-360
Grid System : ORIGINAL
Collar Eastings : 19694.700
Collar Northings : 19827.400
Collar Elevations : 787.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	14.00	Casing	Casing				
2.00	14.00		Overburden, not sampled.				
14.00	26.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic, siliceous intrusive rock. Matrix is very fine grained to aphanitic. Remnant biotite altered to chlorite.	023512	14.00	16.00	2.00
15.20	16.10	ARG	Black fissile shale with disseminated pyrite.	023513	16.00	18.00	2.00
				023514	18.00	20.00	2.00
20.00	24.00		Disseminated sulphides (pyrite and arsenopyrite) visible in unoxidized chips.	023515	20.00	22.00	2.00
				023516	22.00	24.00	2.00
				023517	24.00	26.00	2.00
26.00	28.00	QFP	Siliceous quartz feldspar porphyry.				
26.00	26.40	ARG	Black shale.	023518	26.00	28.00	2.00
28.00	32.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic, siliceous intrusive rock. Matrix is very fine grained to aphanitic. Remnant biotite altered to chlorite.	023519	28.00	30.00	2.00
29.00	30.60	ARG	Black fissile shale with abundant finely disseminated sulphides throughout.	023520	30.00	32.00	2.00
32.00	40.00	QFP	Siliceous quartz feldspar porphyry disseminated to massive pods of sulphides (pyrite and arsenopyrite)	023521	32.00	34.00	2.00
				023522	34.00	36.00	2.00
34.90	35.10	ARG	Black fissile shale.	023523	36.00	38.00	2.00
37.50	38.60	ARG	Black fissile shale.	023524	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-361
Grid System : ORIGINAL
Collar Eastings : 19697.200
Collar Northings : 19807.100
Collar Elevations : 786.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	14.00	Casing	Casing				
2.00	14.00		Not sampled.				
14.00	20.00	ARG	Black, fissile stockworked argillite with 10% grey shale. Graphitic.	023525	14.00	16.00	2.00
				023526	16.00	18.00	2.00
				023527	18.00	20.00	2.00
19.00	20.00	INT	Limonitic, pyritic quartz-rich intrusive.				
20.00	38.00	QFP	Limonitic, slightly weathered quartz feldspar prophyry with abundant disseminated pyrite.				
20.00	26.00		10% black, fissile, stockworked argillite massive stibnite (1%) in quartz veining.	023528	20.00	22.00	2.00
				023529	22.00	24.00	2.00
				023530	24.00	26.00	2.00
26.00	36.00		10% black, fissile, argillite, 10-20% white unoxidized quartz feldspar porphyry.	023531	26.00	28.00	2.00
				023532	28.00	30.00	2.00
				023533	30.00	32.00	2.00
				023534	32.00	34.00	2.00
				023535	34.00	36.00	2.00
				023536	36.00	38.00	2.00
37.00	38.00	ARG	Black, siliceous, pyritic, stockworked argillite.				
38.00	40.00	ARG	Black, graphitic, siliceous, pyritic argillite. 20% yellow, pyritic quartz feldspar porphyry.	023537	38.00	40.00	2.00
40.00	46.00	SEDS	Aphanitic grey chert with disseminated pyrite.	023538	40.00	42.00	2.00
				023539	42.00	44.00	2.00
				023540	44.00	46.00	2.00
46.00	48.00	ARG	Black, siliceous, stockworked argillite with 25% grey, pyritic quartz feldspar porphyry.	023541	46.00	48.00	2.00
48.00	52.00	QFP	Grey, pyritic, quartz feldspar porphyry	023542	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-361

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with quartz eyes.	023543	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-362
Grid System : ORIGINAL
Collar Eastings : 19650.900
Collar Northings : 19764.000
Collar Elevations : 774.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled				
4.00	14.00	INT	Limonitic intrusive; pervasively oxidized, quartz feldspar porphyritic siliceous intrusive rock. Remnant biotite altered to chlorite.	023544	4.00	6.00	2.00
4.85	5.15	ARG	Black, fissile shale.	023545	6.00	8.00	2.00
6.50	7.50	ARG	Black, fissile shale.	023546	8.00	10.00	2.00
8.40	9.60	ARG	Black, fissile shale.	023547	10.00	12.00	2.00
10.50	11.50	ARG	Black, fissile shale.	023548	12.00	14.00	2.00
12.80	13.20	ARG	Black, fissile shale. NOTE: 6-14m interval contains abundant wood chips and percentages of other components and is therefore difficult to estimate.				
14.00	16.00	N/S	Not sampled		14.00	16.00	2.00
16.00	22.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Remnant biotite altered to chlorite.	023549	16.00	18.00	2.00
16.90	17.10	ARG	Black and grey siliceous argillite.	023550	18.00	20.00	2.00
18.50	19.50	ARG	Black and grey siliceous argillite.				
20.00	22.00		25% quartz feldspar porphyry.	023551	20.00	22.00	2.00
22.00	24.00	ARG	Black fissile shale with finely disseminated sulphides throughout.	023552	22.00	24.00	2.00
24.00	40.00	QFP	Grey to white, siliceous quartz feldspar porphyry. Minor biotite disseminated pyrite and arsenopyrite throughout. Partially oxidized.				
24.00	25.40	ARG	Black fissile shale with disseminated sul-	023553	24.00	26.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-362

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			phides.	023554	26.00	28.00	2.00
				023555	28.00	30.00	2.00
				023556	30.00	32.00	2.00
				023557	32.00	34.00	2.00
34.00	36.00		Less than 5% argillite.	023558	34.00	36.00	2.00
				023559	36.00	38.00	2.00
				023560	38.00	40.00	2.00
39.70	40.00	ARG	Black fissile shale.				
40.00	44.00	ARG	Black, fissile siliceous argillite.	023561	40.00	42.00	2.00
				023562	42.00	44.00	2.00
43.80	44.00	QFP	White to grey, siliceous quartz feldspar porphyry with minor biotite altered to chlorite.				
44.00	50.00	SEDS	White to light grey, aphanitic siliceous chert. Abundant disseminated pyrite throughout.	023563	44.00	46.00	2.00
				023564	46.00	48.00	2.00
				023565	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-363
Grid System : ORIGINAL
Collar Eastings : 19755.800
Collar Northings : 20046.900
Collar Elevations : 848.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Quartz-rich limonitic intrusive.	023566	2.00	4.00	2.00
				023567	4.00	6.00	2.00
				023568	6.00	8.00	2.00
				023569	8.00	10.00	2.00
8.30	9.70	ARG	Black, siliceous stockworked argillite.				
10.00	14.00		Abundant quartz eyes 5% white quartz feldspar porphyry.	023570	10.00	12.00	2.00
				023571	12.00	14.00	2.00
14.00	16.00		High manganese oxide.	023572	14.00	16.00	2.00
				023573	16.00	18.00	2.00
18.00	20.00		40% white, sulphide poor quartz feldspar porphyry with traces of green alteration.	023574	18.00	20.00	2.00
20.00	52.00	QFP	White quartz feldspar porphyry with quartz eyes and disseminated pyrite. Biotite altered to white or green chlorite.				
20.00	24.00		20% limonitic quartz-rich intrusive.	023575	20.00	22.00	2.00
				023576	22.00	24.00	2.00
24.00	26.00		40% limonitic quartz-rich intrusive.	023577	24.00	26.00	2.00
26.00	28.00		20% limonitic quartz-rich intrusive.	023578	26.00	28.00	2.00
28.00	32.00		40% limonitic quartz-rich intrusive.	023579	28.00	30.00	2.00
				023580	30.00	32.00	2.00
				023581	32.00	34.00	2.00
32.50	33.50	ARG	Black, siliceous argillite.				
34.00	42.00		40% limonitic quartz-rich intrusive.	023582	34.00	36.00	2.00
				023583	36.00	38.00	2.00
				023584	38.00	40.00	2.00
				023585	40.00	42.00	2.00
42.00	48.00		30% limonitic quartz-rich intrusive.	023586	42.00	44.00	2.00
				023587	44.00	46.00	2.00
				023588	46.00	48.00	2.00
48.00	52.00		White quartz feldspar porphyry with pink and green alteration, 5% limonitic intrusive.	023589	48.00	50.00	2.00
				023590	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-364
Grid System : ORIGINAL
Collar Eastings : 19749.400
Collar Northings : 20021.900
Collar Elevations : 841.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Quartz-rich, limonitic intrusive with quartz eyes and weathered remnant biotite.	023591	2.00	4.00	2.00
2.50	3.50	ARG	Siliceous, stockworked argillite.	023592	4.00	6.00	2.00
4.50	5.50	ARG	Siliceous, stockworked argillite.	023593	6.00	8.00	2.00
6.50	7.50	ARG	Siliceous, stockworked argillite.	023594	8.00	10.00	2.00
8.50	9.50	ARG	Siliceous, stockworked argillite.	023595	10.00	12.00	2.00
12.00	18.00	ARG	Black, siliceous, stockworked argillite.	023596	12.00	14.00	2.00
14.00	16.00		10% limonitic intrusive.	023597	14.00	16.00	2.00
				023598	16.00	18.00	2.00
18.00	26.00	INT	Quartz-rich, limonitic intrusive with quartz eyes.	023599	18.00	20.00	2.00
18.50	19.50	ARG	Black, siliceous, stockworked argillite.	023600	20.00	22.00	2.00
				023601	22.00	24.00	2.00
				023602	24.00	26.00	2.00
26.00	28.00	ARG	Black, graphitic, siliceous, stockworked argillite with 5% limonitic intrusive.	023603	26.00	28.00	2.00
28.00	32.00	INT	Limonitic, quartz-rich intrusive.				
28.00	30.00		1% massive stibnite.	023604	28.00	30.00	2.00
30.00	32.00		Quartz eyes and 10% white quartz feldspar porphyry.	023605	30.00	32.00	2.00
32.00	46.00	QFP	White to partially limonitic quartz feldspar porphyry with disseminated pyrite and quartz eyes.				
32.00	44.00		30% limonitic intrusive.	023606	32.00	34.00	2.00
				023607	34.00	36.00	2.00
				023608	36.00	38.00	2.00
				023609	38.00	40.00	2.00
				023610	40.00	42.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-364

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				023611	42.00	44.00	2.00
44.00	46.00		5% oxidized, limonitic quartz feldspar porphyry.	023612	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-365
Grid System : ORIGINAL
Collar Eastings : 19754.500
Collar Northings : 19998.600
Collar Elevations : 834.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic, quartz-rich intrusive with 15-20% black siliceous argillite and 5% white quartz feldspar.	023613	2.00	4.00	2.00
				023614	4.00	6.00	2.00
				023615	6.00	8.00	2.00
8.00	18.00	ARG	Black to grey fissile stockworked argillite. Smells like methane gas.	023616	8.00	10.00	2.00
				023617	10.00	12.00	2.00
				023618	12.00	14.00	2.00
				023619	14.00	16.00	2.00
				023620	16.00	18.00	2.00
18.00	24.00	INT	Limonitic, quartz-rich, stockworked intrusive.				
18.00	20.00		10% massive stibnite with kermesite.	023621	18.00	20.00	2.00
20.00	22.00		5% massive stibnite, 15% siliceous, stockworked argillite.	023622	20.00	22.00	2.00
22.00	24.00		3% massive stibnite, 5% siliceous argillite quartz eyes.	023623	22.00	24.00	2.00
24.00	40.00	QPP	Grey, pyritic, limonitic quartz feldspar porphyry with quartz eyes.				
24.00	34.00		35-50% limonitic or partly limonitic intrusive.	023624	24.00	26.00	2.00
				023625	26.00	28.00	2.00
				023626	28.00	30.00	2.00
				023627	30.00	32.00	2.00
				023628	32.00	34.00	2.00
				023629	34.00	36.00	2.00
34.90	35.10	ARG	Black siliceous argillite.	023630	36.00	38.00	2.00
36.85	37.15	ARG	Black siliceous argillite.				
38.00	40.00		White, pyritic quartz feldspar porphyry with pink and pistachio green alteration.	023631	38.00	40.00	2.00
40.00	44.00	ARG	Black, graphitic, siliceous, highly stockworked argillite.	023632	40.00	42.00	2.00
				023633	42.00	44.00	2.00

NORANDA EXPLORA
DIAMOND DRILL I

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-366
Grid System : ORIGINAL
Collar Eastings : 19750.000
Collar Northings : 20075.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	38.00	INT	Limonitic, quartz-rich intrusive with traces of weathered, remnant biotite, quartz eyes abundant.	023635	2.00	4.00
				023636	4.00	6.00
				023637	6.00	8.00
				023638	8.00	10.00
				023639	10.00	12.00
12.00	16.00		5% white, sulphide poor quartz feldspar porphyry.	023640	12.00	14.00
				023641	14.00	16.00
				023642	16.00	18.00
				023643	18.00	20.00
				023644	20.00	22.00
20.50	21.50	ARG	Black, siliceous stockworked argillite.	023645	22.00	24.00
				023646	24.00	26.00
				023647	26.00	28.00
				023648	28.00	30.00
				023649	30.00	32.00
32.00	36.00		10% white, pyritic quartz feldspar porphyry.	023650	32.00	34.00
				023651	34.00	36.00
				023652	36.00	38.00
38.00	42.00	QFP	White quartz feldspar porphyry with disseminated pyrite. 30-40% limonitic or partially limonitic quartz feldspar porphyry.	023653	38.00	40.00
				023654	40.00	42.00
42.00	46.00	ARG	Black, graphitic, siliceous, heavily stockworked argillite.			
42.00	44.00		15% limonitic intrusive.	023655	42.00	44.00
				023656	44.00	46.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-367
Grid System : ORIGINAL
Collar Eastings : 19750.000
Collar Northings : 19975.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	4.00	Casing	Casing			
2.00	4.00		Not sampled.			
4.00	14.00	ARG	Black, siliceous and fissile stockworked argillite. 5-10% quartz-rich limonitic intrusive. 5-15% soft grey shale.	023657	4.00	6.00
6.00	8.00		1% bright red kermesite.	023658	6.00	8.00
				023659	8.00	10.00
				023660	10.00	12.00
				023661	12.00	14.00
14.00	24.00	INT	Limonitic quartz-rich intrusive.			
14.00	15.00		Stockworked with 1% massive stibnite and extensive kermesite alteration.	023662	14.00	16.00
15.00	16.00	ARG	Black, stockworked fissile siliceous argillite.			
16.00	17.20	ARG	Black, stockworked fissile argillite.	023663	16.00	18.00
18.00	20.00		Abundant white, weathered remnant biotite.	023664	18.00	20.00
20.00	22.00		Quartz eyes and 5% stockworked argillite.	023665	20.00	22.00
				023666	22.00	24.00
22.50	23.50	ARG	Black, siliceous, stockworked argillite with 1% massive stibnite.			
24.00	38.00	QFP	White to grey pyritic quartz feldspar porphyry with quartz eyes.			
24.00	36.00		20-35% limonitic quartz feldspar porphyry.	023667	24.00	26.00
				023668	26.00	28.00
				023669	28.00	30.00
				023670	30.00	32.00
				023671	32.00	34.00
				023672	34.00	36.00
				023673	36.00	38.00
38.00	40.00	ARG	Black, siliceous, graphitic, stockworked argillite with 5% white pyritic quartz	023674	38.00	40.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-367

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
			feldspar porphyry.			

PROPERTY : Brewery Creek
HOLE No. : BcRC 91-368
Grid System : ORIGINAL
Collar Eastings : 19750.000
Collar Northings : 19950.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	8.00	INT	Limonitic, quartz-rich intrusive. 30-40% black, siliceous, stockworked argillite.	023675	2.00	4.00
				023676	4.00	6.00
				023677	6.00	8.00
8.00	10.00	ARG	Black, siliceous and fissile stockworked argillite.	023678	8.00	10.00
10.00	20.00	INT	Weakly limonitic, pyritic intrusive. (borderline quartz feldspar porphyry but too oxidized)	023679	10.00	12.00
				023680	12.00	14.00
				023681	14.00	16.00
				023682	16.00	18.00
				023683	18.00	20.00
20.00	38.00	QPP	Grey, slightly limonitic, pyritic quartz feldspar porphyry with abundant quartz eyes.			
20.00	24.00		40% limonitic quartz feldspar porphyry.	023684	20.00	22.00
				023685	22.00	24.00
24.00	28.00		10% limonitic quartz feldspar porphyry.	023686	24.00	26.00
				023687	26.00	28.00
28.00	30.00		3% limonitic quartz feldspar porphyry.	023688	28.00	30.00
30.00	38.00		5% limonitic quartz feldspar porphyry.	023689	30.00	32.00
				023690	32.00	34.00
				023691	34.00	36.00
				023692	36.00	38.00
38.00	40.00	ARG	Black, siliceous, stockworked argillite with 30% white pyritic quartz feldspar porphyry.	023693	38.00	40.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-369
Grid System : ORIGINAL
Collar Eastings : 19755.000
Collar Northings : 19926.800
Collar Elevations : 810.000
Collar Bearing : 999.99
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	12.00	Casing	Casing				
2.00	12.00		Not sampled.				
12.00	14.00	ARG	Black, siliceous, stockworked argillite with 30% stockworked, limonitic, quartz-rich intrusive. Argillite is graphitic.	023694	12.00	14.00	2.00
14.00	40.00	QFP	Limonitic, pyritic quartz feldspar porphyry with abundant quartz eyes, weathered biotite.				
14.00	15.00	ARG	Black, graphitic, siliceous, stockworked, argillite.	023695	14.00	16.00	2.00
				023696	16.00	18.00	2.00
				023697	18.00	20.00	2.00
20.00	22.00		1% kermesite.	023698	20.00	22.00	2.00
				023699	22.00	24.00	2.00
24.00	28.00		Large K-spars sulphide poor.	023700	24.00	26.00	2.00
				023701	26.00	28.00	2.00
				023702	28.00	30.00	2.00
				023703	30.00	32.00	2.00
				023704	32.00	34.00	2.00
				023705	34.00	36.00	2.00
36.00	40.00		5-10% black argillite.	023706	36.00	38.00	2.00
				023707	38.00	40.00	2.00

NORANDA EXPLORA
DIAMOND DRILL

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-370
Grid System : ORIGINAL
Collar Eastings : 20150.000
Collar Northings : 20025.000
Collar Elevations : 0.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination :
Grid Bearing :
Final Depth :
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO
0.00	2.00	Casing	Casing			
2.00	8.00	INT	Limonitic, quartz-rich intrusive with weathered remnant biotite and quartz eyes.			
2.00	4.00		15% black siliceous argillite.	023708	2.00	4.00
4.00	6.00		5% black siliceous argillite.	023709	4.00	6.00
6.00	8.00		30% black siliceous argillite.	023710	6.00	8.00
8.00	28.00	ARG	Limonitic, black, siliceous argillite with abundant clay and 5% grey, aphanitic chert	023711	8.00	10.00
				023712	10.00	12.00
				023713	12.00	14.00
				023714	14.00	16.00
				023715	16.00	18.00
				023716	18.00	20.00
				023717	20.00	22.00
				023718	22.00	24.00
				023719	24.00	26.00
				023720	26.00	28.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-371
Grid System : ORIGINAL
Collar Eastings : 20149.700
Collar Northings : 20002.800
Collar Elevations : 946.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Limonitic, quartz-rich intrusive with quartz eyes.	023721	2.00	4.00	2.00
2.60	3.40	ARG	Black, siliceous stockworked argillite.	023722	4.00	6.00	2.00
4.20	5.80	ARG	Black, siliceous stockworked argillite.	023723	6.00	8.00	2.00
				023724	8.00	10.00	2.00
				023725	10.00	12.00	2.00
				023726	12.00	14.00	2.00
13.00	14.00	ARG	Black, siliceous stockworked argillite.				
14.00	28.00	ARG	Black, siliceous, limonitic, stockworked argillite.	023727	14.00	16.00	2.00
				023728	16.00	18.00	2.00
				023729	18.00	20.00	2.00
				023730	20.00	22.00	2.00
				023731	22.00	24.00	2.00
				023732	24.00	26.00	2.00
				023733	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-372
Grid System : ORIGINAL
Collar Eastings : 20148.700
Collar Northings : 19977.200
Collar Elevations : 938.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	30.00	INT	Quartz-rich, limonitic intrusive with remnant weathered biotite and quartz eyes.	023734	2.00	4.00	2.00
				023735	4.00	6.00	2.00
				023736	6.00	8.00	2.00
				023737	8.00	10.00	2.00
				023738	10.00	12.00	2.00
				023739	12.00	14.00	2.00
				023740	14.00	16.00	2.00
16.00	22.00		5-10% dark red alteration (kermesite?).	023741	16.00	18.00	2.00
				023742	18.00	20.00	2.00
				023743	20.00	22.00	2.00
				023744	22.00	24.00	2.00
				023745	24.00	26.00	2.00
				023746	26.00	28.00	2.00
				023747	28.00	30.00	2.00
29.00	30.00	ARG	Black, siliceous stockworked argillite.				
30.00	40.00	ARG	Black siliceous, heavily stockworked argillite.	023748	30.00	32.00	2.00
				023749	32.00	34.00	2.00
				023750	34.00	36.00	2.00
				023751	36.00	38.00	2.00
				023752	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-373
Grid System : ORIGINAL
Collar Eastings : 20150.500
Collar Northings : 19949.600
Collar Elevations : 929.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 44.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic intrusive; quartz feldspar porphyritic siliceous intrusive rock. Minor chlorite altered biotite, varying amounts of disseminated pyrite.	023753	2.00	4.00	2.00
2.90	3.10	ARG	Black, fissile argillite.	023754	4.00	6.00	2.00
				023755	6.00	8.00	2.00
				023756	8.00	10.00	2.00
10.00	14.00	ARG	Black, fissile, siliceous argillite. Finely disseminated pyrite and massive stibnite (less than 1%)	023757	10.00	12.00	2.00
				023758	12.00	14.00	2.00
14.00	38.00	INT	Limonitic intrusive; quartz feldspar porphyritic siliceous intrusive rock. Minor chlorite altered biotite. Varying amounts of disseminated pyrite.				
14.00	14.40	ARG	Black, fissile shale.	023759	14.00	16.00	2.00
				023760	16.00	18.00	2.00
				023761	18.00	20.00	2.00
				023762	20.00	22.00	2.00
				023763	22.00	24.00	2.00
				023764	24.00	26.00	2.00
24.50	25.50	ARG	Black shale with abundant disseminated sulphides and oxidized fracture surfaces.	023765	26.00	28.00	2.00
				023766	28.00	30.00	2.00
				023767	30.00	32.00	2.00
				023768	32.00	34.00	2.00
				023769	34.00	36.00	2.00
				023770	36.00	38.00	2.00
38.00	44.00	ARG	Black, siliceous argillite.				
38.00	38.20	INT	Limonitic intrusive.	023771	38.00	40.00	2.00
				023772	40.00	42.00	2.00
42.00	44.00		10% grey, aphanitic chert.	023773	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-374
Grid System : ORIGINAL
Collar Eastings : 20248.600
Collar Northings : 19963.200
Collar Elevations : 945.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 32.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic quartz-rich intrusive with quartz eyes. Remnant biotite, altered to magneseum-rich chlorite.	023774	2.00	4.00	2.00
				023775	4.00	6.00	2.00
				023776	6.00	8.00	2.00
8.00	14.00		Remnant biotite, partially weathered, some still black.	023777	8.00	10.00	2.00
				023778	10.00	12.00	2.00
				023779	12.00	14.00	2.00
				023780	14.00	16.00	2.00
14.90	15.10	FINT	Grey unoxidized fresh, black biotite-rich intrusive.				
16.00	18.00		Black biotite-rich limonitic intrusive.	023781	16.00	18.00	2.00
18.00	20.00		5% dark red alteration.	023782	18.00	20.00	2.00
20.00	32.00	ARG	Grey, fissile argillite grading downhole to black, siliceous argillite.				
20.00	22.00		15% limonitic intrusive	023783	20.00	22.00	2.00
22.00	26.00		10% grey aphanitic chert.	023784	22.00	24.00	2.00
				023785	24.00	26.00	2.00
				023786	26.00	28.00	2.00
				023787	28.00	30.00	2.00
				023788	30.00	32.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-375
Grid System : ORIGINAL
Collar Eastings : 20246.800
Collar Northings : 19943.200
Collar Elevations : 938.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 36.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	6.00	ABG	Black, siliceous, stockworked argillite.	023789	4.00	6.00	2.00
6.00	12.00	QPP	White, slightly limonitic quartz feldspar porphyry with quartz eyes. Lacks sulphide.				
6.00	8.00		30% limonitic quartz-rich intrusive.	023790	6.00	8.00	2.00
8.00	10.00		10% limonitic intrusive.	023791	8.00	10.00	2.00
10.00	12.00		20% limonitic intrusive.	023792	10.00	12.00	2.00
12.00	30.00	INT	Limonitic, quartz-rich intrusive with quartz eyes and weathered, white biotite.	023793	12.00	14.00	2.00
				023794	14.00	16.00	2.00
				023795	16.00	18.00	2.00
				023796	18.00	20.00	2.00
				023797	20.00	22.00	2.00
				023798	22.00	24.00	2.00
				023799	24.00	26.00	2.00
				023800	26.00	28.00	2.00
28.00	30.00		Stockworked, red intrusive.	023801	28.00	30.00	2.00
30.00	36.00	ABG	Black, siliceous, stockworked argillite.				
30.00	32.00		20% limonitic intrusive.	023802	30.00	32.00	2.00
				023803	32.00	34.00	2.00
				023804	34.00	36.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-376
Grid System : ORIGINAL
Collar Eastings : 20300.500
Collar Northings : 19983.100
Collar Elevations : 937.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	28.00	SEDS	Black siliceous shale and chert. Minor greywake with angular chert clasts (1-2mm) Finely disseminated sulphides.	023805	4.00	6.00	2.00
6.00	8.00		Predominantly black chert.	023806	6.00	8.00	2.00
				023807	8.00	10.00	2.00
10.00	14.00		Predominantly light grey coloured chert, minor black chert.	023808	10.00	12.00	2.00
				023809	12.00	14.00	2.00
14.00	20.00		Appearance of graphitic shale with grey and black chert. Red jasper chips. (less than 0.5%) between 16-20 metres.	023810	14.00	16.00	2.00
				023811	16.00	18.00	2.00
				023812	18.00	20.00	2.00
20.00	22.00		Predominantly grey and black chert.	023813	20.00	22.00	2.00
22.00	26.00		Graphitic shale and chert.	023814	22.00	24.00	2.00
			NOTE: 26-28 m is predominantly grey chert.	023815	24.00	26.00	2.00
				023816	26.00	28.00	2.00
27.80	28.00	INT	Limonitic intrusive.				
28.00	32.00	INT	Limonitic intrusive, pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock.	023817	28.00	30.00	2.00
29.00	30.00	SEDS	Predominantly chert with minor shale.	023818	30.00	32.00	2.00
32.00	40.00	SEDS	Black and light grey coloured chert.	023819	32.00	34.00	2.00
				023820	34.00	36.00	2.00
				023821	36.00	38.00	2.00
				023822	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-377
Grid System : ORIGINAL
Collar Eastings : 20266.700
Collar Northings : 19939.400
Collar Elevations : 928.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	24.00	INT	Limonitic intrusive, quartz-rich, remnant biotite altered to chlorite. Abundant quartz eyes.				
0.00	4.00		50% white to yellow quartz feldspar porphyry.	023823	0.00	2.00	2.00
				023824	2.00	4.00	2.00
				023825	4.00	6.00	2.00
6.00	8.00		5% massive stibnite vein.	023826	6.00	8.00	2.00
				023827	8.00	10.00	2.00
8.90	9.10	ARG	Black, fissile argillite.	023828	10.00	12.00	2.00
10.50	11.50	ARG	Black, stockworked, siliceous argillite.	023829	12.00	14.00	2.00
12.70	13.30	ARG	Black, stockworked, siliceous argillite.	023830	14.00	16.00	2.00
				023831	16.00	18.00	2.00
				023832	18.00	20.00	2.00
				023833	20.00	22.00	2.00
20.40	21.60	ARG	Black, siliceous argillite, limonitic.	023834	22.00	24.00	2.00
24.00	34.00	ARG	Black, siliceous, limonitic argillite. 10-20% grey aphanitic chert.	023835	24.00	26.00	2.00
				023836	26.00	28.00	2.00
				023837	28.00	30.00	2.00
				023838	30.00	32.00	2.00
				023839	32.00	34.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-378
Grid System : ORIGINAL
Collar Eastings : 20303.100
Collar Northings : 19951.400
Collar Elevations : 926.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	SEDS	Black siliceous shale and black, grey and greenish-grey chert.	023840	2.00	4.00	2.00
				023841	4.00	6.00	2.00
6.00	8.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive.	023842	6.00	8.00	2.00
7.10	8.00	SEDS	Black chert.				
8.00	16.00	SEDS	Black and grey chert.	023843	8.00	10.00	2.00
				023844	10.00	12.00	2.00
				023845	12.00	14.00	2.00
				023846	14.00	16.00	2.00
16.00	22.00	INT	Limonitic intrusive; pervasively oxidized, quartz feldspar porphyritic siliceous intrusive.				
16.00	16.60	SEDS	Black chert.	023847	16.00	18.00	2.00
				023848	18.00	20.00	2.00
				023849	20.00	22.00	2.00
21.60	22.00	ARG	Black fissile shale.				
22.00	30.00	ARG	Soft, black, fissile graphitic shale and black chert.				
22.00	22.30	INT	Limonitic, siliceous intrusive rock.	023850	22.00	24.00	2.00
				023851	24.00	26.00	2.00
				023852	26.00	28.00	2.00
				023853	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-379
Grid System : ORIGINAL
Collar Eastings : 20532.200
Collar Northings : 19924.900
Collar Elevations : 931.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	ARG	Black siliceous argillite, minor sandstone with angular chert fragments (less than 1 mm) and rounded quartz grains.	023854	2.00	4.00	2.00
				023855	4.00	6.00	2.00
				023856	6.00	8.00	2.00
				023857	8.00	10.00	2.00
9.20	10.00	INT	Limonitic intrusive.				
10.00	14.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic, siliceous intrusive rock. Minor chloritic altered biotite. Minor disseminated arsenopyrite?	023858	10.00	12.00	2.00
				023859	12.00	14.00	2.00
14.00	24.00	ARG	Black siliceous argillite.				
14.00	14.20	INT	Limonitic intrusive.	023860	14.00	16.00	2.00
				023861	16.00	18.00	2.00
				023862	18.00	20.00	2.00
				023863	20.00	22.00	2.00
				023864	22.00	24.00	2.00
24.00	30.00	QFP	White to grey, quartz feldspar porphyry. Matrix is siliceous and fine grained to aphanitic. Disseminated pyrite and arsenopyrite throughout. Partially oxidized (10-25%).				
24.00	25.00	SEDS	Black siliceous argillite and chert.	023865	24.00	26.00	2.00
				023866	26.00	28.00	2.00
				023867	28.00	30.00	2.00
30.00	34.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic, siliceous intrusive rock. Minor chlorite altered biotite. Minor disseminated arsenopyrite?	023868	30.00	32.00	2.00
				023869	32.00	34.00	2.00
34.00	38.00	P*INT	White to grey, quartz feldspar porphyry	023870	34.00	36.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-379

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with 5-10% secondary, very fine grained copper coloured biotite, sometimes replaced by arsenopyrite around rims of biotite crystals.	023871	36.00	38.00	2.00
38.00	44.00	INT	Limonitic intrusive pervasively oxidized quartz feldspar porphyritic siliceous rock Contains 15% unaltered quartz feldspar porphyry with 3-5% biotite.	023872	38.00	40.00	2.00
				023873	40.00	42.00	2.00
				023874	42.00	44.00	2.00
42.60	43.40	ARG	Black siliceous argillite.				
44.00	50.00	ARG	Black, siliceous argillite.	023875	44.00	46.00	2.00
				023876	46.00	48.00	2.00
				023877	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-380
Grid System : ORIGINAL
Collar Eastings : 20531.100
Collar Northings : 19898.500
Collar Elevations : 931.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic, siliceous intrusive rock. Minor quartz and altered biotite.	023878	2.00	4.00	2.00
				023879	4.00	6.00	2.00
				023880	6.00	8.00	2.00
				023881	8.00	10.00	2.00
				023882	10.00	12.00	2.00
				023883	12.00	14.00	2.00
				023884	14.00	16.00	2.00
14.70	15.30	ARG	Black siliceous argillite.				
16.00	24.00	ARG	Black siliceous argillite.	023885	16.00	18.00	2.00
				023886	18.00	20.00	2.00
				023887	20.00	22.00	2.00
22.00	24.00		Graphitic shale.	023888	22.00	24.00	2.00
24.00	26.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic, siliceous intrusive rock. Minor quartz and altered biotite.	023889	24.00	26.00	2.00
26.00	28.00	ARG	Black siliceous argillite.	023890	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-381
Grid System : ORIGINAL
Collar Eastings : 20531.300
Collar Northings : 19873.700
Collar Elevations : 932.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive with up to 5% altered biotite.	023891	2.00	4.00	2.00
4.00	6.00		10% unaltered quartz feldspar porphyry with visible disseminated sulphides (pyrite and arsenopyrite ?).	023892	4.00	6.00	2.00
				023893	6.00	8.00	2.00
				023894	8.00	10.00	2.00
				023895	10.00	12.00	2.00
				023896	12.00	14.00	2.00
				023897	14.00	16.00	2.00
				023898	16.00	18.00	2.00
17.20	18.00	ARG	Black siliceous argillite.				
18.00	40.00	ARG	Black siliceous argillite with minor grey, soft siltstone.	023899	18.00	20.00	2.00
				023900	20.00	22.00	2.00
			NOTE: AT 24 metres argillite becomes graphitic and fissile.	023901	22.00	24.00	2.00
				023902	24.00	26.00	2.00
				023903	26.00	28.00	2.00
				023904	28.00	30.00	2.00
				023905	30.00	32.00	2.00
				023906	32.00	34.00	2.00
				023907	34.00	36.00	2.00
				023908	36.00	38.00	2.00
				023909	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-382
Grid System : ORIGINAL
Collar Eastings : 20526.900
Collar Northings : 19849.300
Collar Elevations : 931.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	24.00	INT	Limonitic intrusive; pervasively oxidized fine grained feldspar porphyry, quartz poor. Abundant altered biotite. Grey fine grained to aphanitic matrix.	023910	2.00	4.00	2.00
				023911	4.00	6.00	2.00
				023912	6.00	8.00	2.00
				023913	8.00	10.00	2.00
				023914	10.00	12.00	2.00
				023915	12.00	14.00	2.00
14.00	16.00		Fine grained pyrite cubes disseminated throughout, less than 5% argillite chips.	023916	14.00	16.00	2.00
				023917	16.00	18.00	2.00
16.50	17.50	ARG	Soft, grey siltstone (?).	023918	18.00	20.00	2.00
				023919	20.00	22.00	2.00
				023920	22.00	24.00	2.00
23.80	24.00	ARG	Soft, grey siltstone (?) and black argillite.				
24.00	26.00	ARG	Balck siliceous argillite and soft, grey siltstone (?).	023921	24.00	26.00	2.00
26.00	42.00	INT	Limonitic intrusive; pervasively oxidized fine grained feldspar porphyry, quartz poor. Abundant altered biotite. Grey fine grained to aphanitic matrix.	023922	26.00	28.00	2.00
				023923	28.00	30.00	2.00
				023924	30.00	32.00	2.00
				023925	32.00	34.00	2.00
				023926	34.00	36.00	2.00
				023927	36.00	38.00	2.00
				023928	38.00	40.00	2.00
40.00	42.00		Less than 5% black argillite.	023929	40.00	42.00	2.00
42.00	50.00	ARG	Black siliceous argillite.				
42.00	42.50	INT	Limonitic intrusive porphyry.	023930	42.00	44.00	2.00
44.00	46.00		30% rusty greenish grey chert.	023931	44.00	46.00	2.00
46.00	48.00		Less than 5% oxidized intrusive.	023932	46.00	48.00	2.00
48.00	50.00		Graphitic argillite, less than 5% oxidized intrusive.	023933	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-383
Grid System : ORIGINAL
Collar Eastings : 20528.700
Collar Northings : 19822.200
Collar Elevations : 928.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 44.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic intrusive, pervasively oxidized quartz feldspar porphyry. Matrix is white siliceous and fine grained to aphanitic. Less than 5% black shale.	023934	2.00	4.00	2.00
				023935	4.00	6.00	2.00
				023936	6.00	8.00	2.00
8.00	10.00			023937	8.00	10.00	2.00
10.00	14.00	ARG	Siliceous, black shale. Rusty on fracture surfaces.	023938	10.00	12.00	2.00
				023939	12.00	14.00	2.00
14.00	38.00	INT	Limonitic intrusive, pervasively oxidized quartz feldspar porphyry. Matrix is white siliceous and fine grained to aphanitic.				
14.00	14.40	ARG	Black siliceous shale with disseminated pyrite.	023940	14.00	16.00	2.00
				023941	16.00	18.00	2.00
				023942	18.00	20.00	2.00
				023943	20.00	22.00	2.00
				023944	22.00	24.00	2.00
				023945	24.00	26.00	2.00
				023946	26.00	28.00	2.00
				023947	28.00	30.00	2.00
				023948	30.00	32.00	2.00
				023949	32.00	34.00	2.00
32.50	33.50	ARG	Black siliceous shale.	023950	34.00	36.00	2.00
				023951	36.00	38.00	2.00
38.00	44.00	ARG	Siliceous, black cherty argillite.				
38.00	38.20	INT	Limonitic intrusive.	023952	38.00	40.00	2.00
				023953	40.00	42.00	2.00
				023954	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-384
Grid System : ORIGINAL
Collar Eastings : 20526.600
Collar Northings : 19795.600
Collar Elevations : 925.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	46.00	INT	Limonitic siliceous intrusive with rare stockworking and remnant weathered biotites, some of which are still black. Occasional quartz eyes.	023955	2.00	4.00	2.00
				023956	4.00	6.00	2.00
				023957	6.00	8.00	2.00
8.00	14.00		50% grey, black biotite rich fresh intrusive.	023958	8.00	10.00	2.00
				023959	10.00	12.00	2.00
				023960	12.00	14.00	2.00
				023961	14.00	16.00	2.00
				023962	16.00	18.00	2.00
				023963	18.00	20.00	2.00
				023964	20.00	22.00	2.00
20.40	21.60	ARG	Black, siliceous, stockworked argillite with 15% soft grey shale. NOTE: less weathered biotites from 22m on downhole.	023965	22.00	24.00	2.00
				023966	24.00	26.00	2.00
				023967	26.00	28.00	2.00
				023968	28.00	30.00	2.00
				023969	30.00	32.00	2.00
				023970	32.00	34.00	2.00
				023971	34.00	36.00	2.00
				023972	36.00	38.00	2.00
				023973	38.00	40.00	2.00
				023974	40.00	42.00	2.00
				023975	42.00	44.00	2.00
				023976	44.00	46.00	2.00
45.70	46.00	ARG	Black, siliceous stockworked argillite.				
46.00	48.00	ARG	Black, siliceous, stockworked argillite.	023977	46.00	48.00	2.00
48.00	58.00	INT	Limonitic, siliceous, sericite intrusive with occasional quartz eyes.				
48.00	48.30	ARG	Black, siliceous, stockworked argillite.	023978	48.00	50.00	2.00
				023979	50.00	52.00	2.00
52.00	54.00		Traces of kermesite.	023980	52.00	54.00	2.00
				023981	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-384

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
56.00	58.00		Stockwork is grey, massive quartz.	023982	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-385
Grid System : ORIGINAL
Collar Eastings : 20773.200
Collar Northings : 19849.400
Collar Elevations : 1012.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 66.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	22.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Contains 5-10% altered biotite.	023983	4.00	6.00	2.00
				023984	6.00	8.00	2.00
				023985	8.00	10.00	2.00
				023986	10.00	12.00	2.00
				023987	12.00	14.00	2.00
				023988	14.00	16.00	2.00
				023989	16.00	18.00	2.00
				023990	18.00	20.00	2.00
				023991	20.00	22.00	2.00
22.00	28.00	ARG	Black siliceous cherty argillite 22-24m contains less than 5% intrusive.	023992	22.00	24.00	2.00
				023993	24.00	26.00	2.00
				023994	26.00	28.00	2.00
28.00	34.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Contains 5-10% altered biotite.	023995	28.00	30.00	2.00
				023996	30.00	32.00	2.00
				023997	32.00	34.00	2.00
34.00	42.00	PINT	Biotite feldspar porphyry with greenish grey to grey, siliceous, aphanitic matrix. Weakly oxidized.	023998	34.00	36.00	2.00
				023999	36.00	38.00	2.00
				024000	38.00	40.00	2.00
				024001	40.00	42.00	2.00
42.00	56.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Contains 5-10% altered biotite.	024002	42.00	44.00	2.00
				024003	44.00	46.00	2.00
46.00	56.00		20-45% quartz feldspar porphyry.	024004	46.00	48.00	2.00
				024005	48.00	50.00	2.00
				024006	50.00	52.00	2.00
				024007	52.00	54.00	2.00
				024008	54.00	56.00	2.00
56.00	58.00	ARG	Black cherty argillite.	024009	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-385

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
58.00	66.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock.	024010	58.00	60.00	2.00
				024011	60.00	62.00	2.00
				024012	62.00	64.00	2.00
64.00	66.00		Weakly oxidized fresh biotite feldspar porphyritic siliceous intrusive rock.	024013	64.00	66.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-386
Grid System : ORIGINAL
Collar Eastings : 20814.400
Collar Northings : 19848.100
Collar Elevations : 1014.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic intrusive; pervasively oxidized plagioclase porphyritic siliceous intrusive rock. Minor altered biotite.	024014	2.00	4.00	2.00
				024015	4.00	6.00	2.00
				024016	6.00	8.00	2.00
				024017	8.00	10.00	2.00
				024018	10.00	12.00	2.00
				024019	12.00	14.00	2.00
				024020	14.00	16.00	2.00
				024021	16.00	18.00	2.00
				024022	18.00	20.00	2.00
20.00	30.00	ARG	Black siliceous argillite and minor soft grey siltstone.				
20.00	20.20	INT	Limonitic intrusive; pervasively oxidized plagioclase porphyritic siliceous intrusive rock. Minor altered biotite.	024023	20.00	22.00	2.00
				024024	22.00	24.00	2.00
				024025	24.00	26.00	2.00
				024026	26.00	28.00	2.00
				024027	28.00	30.00	2.00
30.00	34.00	INT	Limonitic intrusive; pervasively oxidized plagioclase porphyritic siliceous intrusive rock. Minor altered biotite.				
30.00	30.40	ARG	Black siliceous argillite.	024028	30.00	32.00	2.00
				024029	32.00	34.00	2.00
34.00	40.00	P*INT	Biotite plagioclase porphyritic siliceous intrusive rock. Weakly oxidized.	024030	34.00	36.00	2.00
				024031	36.00	38.00	2.00
38.00	40.00		40% limonitic intrusive.	024032	38.00	40.00	2.00
40.00	52.00	INT	Limonitic intrusive; pervasively oxidized plagioclase porphyritic siliceous intrusive rock. Minor altered biotite.	024033	40.00	42.00	2.00
				024034	42.00	44.00	2.00
				024035	44.00	46.00	2.00
				024036	46.00	48.00	2.00
				024037	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-386

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				024038	50.00	52.00	2.00
52.00	58.00	F*INT	Biotite plagioclase porphyritic siliceous intrusive rock. Weakly oxidized.	024039	52.00	54.00	2.00
				024040	54.00	56.00	2.00
				024041	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-397
Grid System : ORIGINAL
Collar Eastings : 20811.100
Collar Northings : 19825.700
Collar Elevations : 1006.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	58.00	INT	Limonitic, siliceous intrusive with biotite weathered to white chlorite.				
2.00	4.00		30% fresh intrusive.	024042	2.00	4.00	2.00
				024043	4.00	6.00	2.00
				024044	6.00	8.00	2.00
				024045	8.00	10.00	2.00
				024046	10.00	12.00	2.00
				024047	12.00	14.00	2.00
				024048	14.00	16.00	2.00
				024049	16.00	18.00	2.00
				024050	18.00	20.00	2.00
				024051	20.00	22.00	2.00
				024052	22.00	24.00	2.00
				024053	24.00	26.00	2.00
				024054	26.00	28.00	2.00
				024055	28.00	30.00	2.00
29.00	31.00	ARG	Black siliceous, stockworked argillite.	024056	30.00	32.00	2.00
31.00	32.00		Stockworked, 3% kermesite alteration.				
32.00	34.00		Abundant quartz eyes, 5% white quartz feldspar porphyry.	024057	32.00	34.00	2.00
				024058	34.00	36.00	2.00
				024059	36.00	38.00	2.00
				024060	38.00	40.00	2.00
				024061	40.00	42.00	2.00
42.00	46.00		15% white to yellow, sulphide poor quartz feldspar porphyry.	024062	42.00	44.00	2.00
				024063	44.00	46.00	2.00
				024064	46.00	48.00	2.00
48.00	50.00		50% limonitic fresh intrusive.	024065	48.00	50.00	2.00
50.00	56.00		10% limonitic fresh intrusive.	024066	50.00	52.00	2.00
				024067	52.00	54.00	2.00
				024068	54.00	56.00	2.00
				024069	56.00	58.00	2.00
56.40	57.60	F*INT	Limonitic fresh intrusive, black biotites partially altered to chlorite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-388
Grid System : ORIGINAL
Collar Eastings : 20685.000
Collar Northings : 19857.500
Collar Elevations : 994.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	F*INT	Feldspar porphyritic siliceous intrusive rock with 10-15% black biotite. Matrix is glassy and aphanitic, grey coloured.	024070	2.00	4.00	2.00
				024071	4.00	6.00	2.00
5.20	6.00	INT	Limonitic intrusive.				
6.00	14.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Approx 10% altered biotite. Rare quartz phenocrysts.	024072	6.00	8.00	2.00
				024073	8.00	10.00	2.00
				024074	10.00	12.00	2.00
				024075	12.00	14.00	2.00
14.00	28.00	F*INT	Feldspar porphyritic siliceous intrusive rock with 10-15% black biotite. Matrix is glassy and aphanitic, grey coloured.				
14.00	14.60	INT	Limonitic intrusive.	024076	14.00	16.00	2.00
				024077	16.00	18.00	2.00
				024078	18.00	20.00	2.00
				024079	20.00	22.00	2.00
				024080	22.00	24.00	2.00
				024081	24.00	26.00	2.00
				024082	26.00	28.00	2.00
28.00	48.00	INT	Limonitic intrusive, pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Approximately 10% altered biotite. Rare quartz phenocrysts	024083	28.00	30.00	2.00
				024084	30.00	32.00	2.00
32.00	34.00		25% fresh feldspar porphyry.	024085	32.00	34.00	2.00
				024086	34.00	36.00	2.00
				024087	36.00	38.00	2.00
				024088	38.00	40.00	2.00
				024089	40.00	42.00	2.00
				024090	42.00	44.00	2.00
				024091	44.00	46.00	2.00
				024092	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-388

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
46.80	48.00	ARG	Soft, grey siltstone.				
48.00	50.00	ARG	Soft, black fissile shale with 30% grey siltstone.	024093	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-389
Grid System : ORIGINAL
Collar Eastings : 20684.000
Collar Northings : 19834.500
Collar Elevations : 986.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 56.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	8.00	Casing	Casing				
2.00	8.00		Not sampled.				
8.00	22.00	P*INT	Biotite plagioclase porphyritic siliceous intrusive rock. Matrix is medium to dark grey, fine grained to aphanitic.	024094	8.00	10.00	2.00
				024095	10.00	12.00	2.00
				024096	12.00	14.00	2.00
				024097	14.00	16.00	2.00
				024098	16.00	18.00	2.00
				024099	18.00	20.00	2.00
				024100	20.00	22.00	2.00
22.00	48.00	INT	Limonitic intrusive; pervasively oxidized plagioclase porphyritic siliceous intrusive rock.	024101	22.00	24.00	2.00
				024102	24.00	26.00	2.00
				024103	26.00	28.00	2.00
				024104	28.00	30.00	2.00
				024105	30.00	32.00	2.00
				024106	32.00	34.00	2.00
				024107	34.00	36.00	2.00
				024108	36.00	38.00	2.00
				024109	38.00	40.00	2.00
				024110	40.00	42.00	2.00
				024111	42.00	44.00	2.00
				024112	44.00	46.00	2.00
				024113	46.00	48.00	2.00
48.00	56.00	ARG	Black, siliceous, graphitic argillite. Minor soft grey coloured siltstone.	024114	48.00	50.00	2.00
				024115	50.00	52.00	2.00
50.60	51.40	INT	Limonitic intrusive.	024116	52.00	54.00	2.00
				024117	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-390
Grid System : ORIGINAL
Collar Eastings : 20773.800
Collar Northings : 19875.100
Collar Elevations : 1020.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive rock. Abundant altered biotite. Rare quartz phenocrysts.	024118	2.00	4.00	2.00
				024119	4.00	6.00	2.00
				024120	6.00	8.00	2.00
				024121	8.00	10.00	2.00
				024122	10.00	12.00	2.00
				024123	12.00	14.00	2.00
				024124	14.00	16.00	2.00
				024125	16.00	18.00	2.00
				024126	18.00	20.00	2.00
				024127	20.00	22.00	2.00
22.00	24.00	ARG	Black, siliceous argillite with very finely disseminated sulphides.	024128	22.00	24.00	2.00
24.00	48.00	INT	Limonitic intrusive, pervasively oxidized, feldspar porphyritic siliceous intrusive rock. Abundant altered biotite. Rare quartz phenocrysts.	024129	24.00	26.00	2.00
				024130	26.00	28.00	2.00
				024131	28.00	30.00	2.00
				024132	30.00	32.00	2.00
				024133	32.00	34.00	2.00
				024134	34.00	36.00	2.00
				024135	36.00	38.00	2.00
				024136	38.00	40.00	2.00
				024137	40.00	42.00	2.00
				024138	42.00	44.00	2.00
				024139	44.00	46.00	2.00
				024140	46.00	48.00	2.00
47.70	48.00	ARG	Cherty argillite.				
48.00	58.00	P*INT	Biotite feldspar porphyritic siliceous intrusive rock. Matrix is light to dark grey, aphanitic to porphyritic.	024141	48.00	50.00	2.00
50.00	52.00		60% limonitic intrusive.	024142	50.00	52.00	2.00
				024143	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-390

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				024144	54.00	56.00	2.00
				024145	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-391
Grid System : ORIGINAL
Collar Eastings : 20773.100
Collar Northings : 19826.000
Collar Elevations : 1003.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 62.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	34.00	INT	Limonitic, siliceous intrusive with biotite altered to chlorite and rare quartz eyes.				
2.00	4.00		10% white to yellow, sulphide poor quartz feldspar porphyry.	024146	2.00	4.00	2.00
				024147	4.00	6.00	2.00
				024148	6.00	8.00	2.00
				024149	8.00	10.00	2.00
				024150	10.00	12.00	2.00
10.50	11.50	ARG	Black, siliceous, stockworked argillite with 10% tan, aphanitic stockworked chert.	024151	12.00	14.00	2.00
12.50	13.50	ARG	Black, siliceous, stockworked argillite with 10% tan, aphanitic stockworked chert.	024152	14.00	16.00	2.00
14.60	15.40	ARG	Black, siliceous, stockworked argillite with 10% tan, aphanitic stockworked chert.	024153	16.00	18.00	2.00
16.80	17.20	ARG	Black, siliceous, stockworked argillite with 10% tan, aphanitic stockworked chert.	024154	18.00	20.00	2.00
20.00	22.00		10% white to yellow, sulphide poor quartz feldspar porphyry.	024155	20.00	22.00	2.00
				024156	22.00	24.00	2.00
22.80	23.20	ARG	Black to grey, siliceous, stockworked argillite.	024157	24.00	26.00	2.00
24.80	25.20	ARG	Black to grey, siliceous, stockworked argillite.	024158	26.00	28.00	2.00
				024159	28.00	30.00	2.00
				024160	30.00	32.00	2.00
				024161	32.00	34.00	2.00
32.50	33.50	ARG	Black siliceous, stockworked argillite with 30% soft grey shale.				
34.00	40.00	ARG	Black siliceous, stockworked argillite with 50% soft grey shale.				
34.00	36.00		10% limonitic, siliceous, intrusive.	024162	34.00	36.00	2.00
				024163	36.00	38.00	2.00
				024164	38.00	40.00	2.00
40.00	54.00	INT	Limonitic, siliceous intrusive with abun-				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-391

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			dant quartz eyes. White, weathered biotites.				
40.00	40.40	ARG	Black siliceous, stockworked argillite with 50% soft grey shale.	024165	40.00	42.00	2.00
				024166	42.00	44.00	2.00
				024167	44.00	46.00	2.00
				024168	46.00	48.00	2.00
				024169	48.00	50.00	2.00
50.00	52.00		10% white, pyritic quartz feldspar porphyry.	024170	50.00	52.00	2.00
52.00	54.00		Some biotites are still black.	024171	52.00	54.00	2.00
54.00	62.00	F*INT	Limonitic, dark grey to yellow, black biotite rich fresh intrusive.	024172	54.00	56.00	2.00
				024173	56.00	58.00	2.00
				024174	58.00	60.00	2.00
				024175	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-392
Grid System : ORIGINAL
Collar Eastings : 20865.200
Collar Northings : 19849.000
Collar Elevations : 1012.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive rocks. Minor altered biotite.	024176	2.00	4.00	2.00
				024177	4.00	6.00	2.00
				024178	6.00	8.00	2.00
				024179	8.00	10.00	2.00
				024180	10.00	12.00	2.00
12.00	18.00	ARG	Black siliceous cherty shale with finely disseminated pyrite and hairline stringers Contains less than 5% limonitic intrusive.	024181	12.00	14.00	2.00
				024182	14.00	16.00	2.00
				024183	16.00	18.00	2.00
18.00	22.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive rocks. Minor altered biotite.	024184	18.00	20.00	2.00
				024185	20.00	22.00	2.00
22.00	30.00	F*INT	Biotite feldspar porphyry. Matrix is light to medium grey coloured, fine grained to aphanitic.	024186	22.00	24.00	2.00
				024187	24.00	26.00	2.00
				024188	26.00	28.00	2.00
				024189	28.00	30.00	2.00
30.00	40.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive rocks. Minor altered biotite.	024190	30.00	32.00	2.00
				024191	32.00	34.00	2.00
34.00	36.00		25% unaltered intrusive.	024192	34.00	36.00	2.00
36.00	38.00		10% unaltered intrusive.	024193	36.00	38.00	2.00
				024194	38.00	40.00	2.00
40.00	48.00	F*INT	Biotite feldspar porphyry. Matrix is light to medium grey coloured fine grained to aphanitic.	024195	40.00	42.00	2.00
				024196	42.00	44.00	2.00
				024197	44.00	46.00	2.00
				024198	46.00	48.00	2.00
48.00	52.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive	024199	48.00	50.00	2.00
				024200	50.00	52.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-392

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			rocks. Minor altered biotite.				
52.00	58.00	ARG	Black, cherty argillite.				
52.00	52.80	INT	Limonitic intrusive.	024201	52.00	54.00	2.00
				024202	54.00	56.00	2.00
				024203	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-393
Grid System : ORIGINAL
Collar Eastings : 20866.100
Collar Northings : 19826.400
Collar Elevations : 1001.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 54.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	6.00	F*INT	Dark grey to yellow, black biotite rich fresh intrusive.	024204	4.00	6.00	2.00
6.00	12.00	INT	Limonitic, siliceous intrusive with disseminated pyrite oxidizing to limonite.				
6.00	8.00		15% grey to yellow fresh intrusive.	024205	6.00	8.00	2.00
8.00	10.00		20% white quartz feldspar porphyry with minor disseminated pyrite.	024206	8.00	10.00	2.00
10.00	12.00		30% black siliceous argillite. 10% soft grey shale. 20% grey fresh intrusive.	024207	10.00	12.00	2.00
12.00	16.00	ARG	Black, siliceous, stockworked argillite.	024208	12.00	14.00	2.00
				024209	14.00	16.00	2.00
15.30	16.00	INT	Limonitic, siliceous intrusive.				
16.00	42.00	INT	Limonitic, siliceous intrusive with abundant white, weathered biotite.	024210	16.00	18.00	2.00
18.00	22.00		20% green to yellow fresh intrusive.	024211	18.00	20.00	2.00
				024212	20.00	22.00	2.00
				024213	22.00	24.00	2.00
22.10	23.90	F*INT	Grey to yellow fresh intrusive.				
24.00	28.00		10-15% grey to yellow fresh intrusive.	024214	24.00	26.00	2.00
				024215	26.00	28.00	2.00
28.00	30.00		15% yellow, quartz feldspar porphyry with 1% pyrite.	024216	28.00	30.00	2.00
30.00	32.00		50% yellow, quartz feldspar porphyry with 1% pyrite.	024217	30.00	32.00	2.00
32.00	34.00		20% yellow, quartz feldspar porphyry with 1% pyrite. Apple green alteration.	024218	32.00	34.00	2.00
				024219	34.00	36.00	2.00
36.00	40.00		60-70% yellow quartz feldspar porphyry with 1% pyrite. Apple green alteration.	024220	36.00	38.00	2.00
				024221	38.00	40.00	2.00
40.00	42.00		20% fresh intrusive.	024222	40.00	42.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-393

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
42.00	46.00	F*INT	Green to yellow fresh intrusive.	024223	42.00	44.00	2.00
				024224	44.00	46.00	2.00
46.00	48.00	INT	Limonitic, siliceous intrusive with 1% massive pyrite. 10% pyrite quartz feldspar porphyry.	024225	46.00	48.00	2.00
48.00	54.00	ARG	Black, siliceous stokworked argillite.	024226	48.00	50.00	2.00
				024227	50.00	52.00	2.00
				024228	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-394
Grid System : ORIGINAL
Collar Eastings : 20960.700
Collar Northings : 19883.800
Collar Elevations : 1015.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 42.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	ARG	Black cherty argillite and minor soft grey siltstone and very fine grained arkosic greywake.	024229	2.00	4.00	2.00
				024230	4.00	6.00	2.00
6.00	8.00		Contains less than 5% limonitic intrusive and rusty weathering chips.	024231	6.00	8.00	2.00
8.00	10.00	INT	Limonitic intrusive, pervasively oxidized feldspar porphyritic siliceous intrusive rock. Contains 5-10% altered biotite and 5-10% unoxidized chips.	024232	8.00	10.00	2.00
10.00	34.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. Matrix is light to dark grey, aphanitic.	024233	10.00	12.00	2.00
				024234	12.00	14.00	2.00
				024235	14.00	16.00	2.00
				024236	16.00	18.00	2.00
				024237	18.00	20.00	2.00
				024238	20.00	22.00	2.00
				024239	22.00	24.00	2.00
				024240	24.00	26.00	2.00
				024241	26.00	28.00	2.00
				024242	28.00	30.00	2.00
				024243	30.00	32.00	2.00
				024244	32.00	34.00	2.00
34.00	42.00	ARG	Black graphitic argillite. Finely disseminated sulphides.				
34.00	34.20	F*INT	Biotite feldspar porphyry.	024245	34.00	36.00	2.00
				024246	36.00	38.00	2.00
				024247	38.00	40.00	2.00
				024248	40.00	42.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-395
Grid System : ORIGINAL
Collar Eastings : 21121.800
Collar Northings : 19903.500
Collar Elevations : 1045.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous, intrusive with 25% limonitic black biotite-rich intrusive.	024249	2.00	4.00	2.00
2.80	3.20	ARG	Black, siliceous, stockworked argillite with 3% disseminated fine pyrite.				
4.00	8.00	F*INT	Limonitic black biotite-rich intrusive with large quartz eyes.	024250	4.00	6.00	2.00
				024251	6.00	8.00	2.00
6.80	7.20	ARG	Black, siliceous, stockworked argillite with 3% disseminated fine pyrite.				
8.00	12.00	INT	Limonitic porphyritic intrusive with 30% limonitic black biotite-rich intrusive. 5% yellow quartz feldspar porphyry.	024252	8.00	10.00	2.00
				024253	10.00	12.00	2.00
12.00	22.00	F*INT	Limonitic, black biotite-rich intrusive.	024254	12.00	14.00	2.00
				024255	14.00	16.00	2.00
				024256	16.00	18.00	2.00
				024257	18.00	20.00	2.00
20.00	22.00		10% of intrusive altered to bright red kermesite?	024258	20.00	22.00	2.00
22.00	28.00	INT	Limonitic, hematitic, siliceous intrusive with biotite weathered to chlorite.	024259	22.00	24.00	2.00
				024260	24.00	26.00	2.00
				024261	26.00	28.00	2.00
28.00	36.00	ARG	Black, graphitic, siliceous and fissile argillite with minor stockworking.				
28.00	29.00	INT	Limonitic, siliceous, quartz-eye-rich intrusive.	024262	28.00	30.00	2.00
				024263	30.00	32.00	2.00
				024264	32.00	34.00	2.00
				024265	34.00	36.00	2.00
36.00	40.00	F*INT	Grey, limonitic biotite-rich intrusive.	024266	36.00	38.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-395

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
38.50	39.50	ARG	Black, graphitic, siliceous, stockworked argillite.	024267	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-396
Grid System : ORIGINAL
Collar Eastings : 21122.400
Collar Northings : 19926.700
Collar Elevations : 1055.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic intrusive, pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral. Occasional quartz eyes.	024268	2.00	4.00	2.00
				024269	4.00	6.00	2.00
				024270	6.00	8.00	2.00
8.00	10.00	ARG	Black siliceous argillite.				
8.00	8.60	INT	Limonitic intrusive.	024271	8.00	10.00	2.00
10.00	16.00	INT	Limonitic intrusive with abundant quartz eyes.	024272	10.00	12.00	2.00
				024273	12.00	14.00	2.00
			NOTE: 10-12 m; Contains approximately 50% quartz feldspar porphyry and less than 5% argillite.	024274	14.00	16.00	2.00
15.70	16.00	ARG	Black, siliceous argillite.				
16.00	20.00	ARG	Black siliceous shale with minor very fine grained greywacke.	024275	16.00	18.00	2.00
				024276	18.00	20.00	2.00
20.00	26.00	INT	Limonitic intrusive; biotite feldspar porphyritic siliceous intrusive rock. Biotite is partially altered to white clay mineral	024277	20.00	22.00	2.00
				024278	22.00	24.00	2.00
				024279	24.00	26.00	2.00
26.00	46.00	SEDS	Predominantly grey chert with black siliceous argillite.	024280	26.00	28.00	2.00
				024281	28.00	30.00	2.00
			NOTE: 40-46 m; Black argillite increases in abundance down section.	024282	30.00	32.00	2.00
				024283	32.00	34.00	2.00
				024284	34.00	36.00	2.00
				024285	36.00	38.00	2.00
				024286	38.00	40.00	2.00
				024287	40.00	42.00	2.00
				024288	42.00	44.00	2.00
				024289	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-397
Grid System : ORIGINAL
Collar Eastings : 20960.600
Collar Northings : 19858.700
Collar Elevations : 1005.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Limonitic intrusion; pervasively oxidized plagioclase porphyritic siliceous intrusive rock. 5-10% biotite altered to white clay mineral.	024290	2.00	4.00	2.00
				024291	4.00	6.00	2.00
				024292	6.00	8.00	2.00
				024293	8.00	10.00	2.00
				024294	10.00	12.00	2.00
				024295	12.00	14.00	2.00
14.00	20.00	ARG	Black, siliceous argillite. Minor rusty weathering on fracture surfaces.	024296	14.00	16.00	2.00
				024297	16.00	18.00	2.00
				024298	18.00	20.00	2.00
19.40	20.00	QFP	Quartz feldspar porphyry with finely disseminated sulphides (pyrite and arsenopyrite)				
20.00	22.00	QFP	White to grey coloured, feldspar porphyritic, highly siliceous intrusive rock with minor biotite altered to white clay mineral.	024299	20.00	22.00	2.00
21.50	22.00	ARG	Black siliceous argillite.				
22.00	40.00	P*INT	Biotite feldspar porphyry with siliceous light to dark grey coloured aphanitic matrix.				
22.00	22.30	ARG	Black siliceous argillite.	024300	22.00	24.00	2.00
				024301	24.00	26.00	2.00
				024302	26.00	28.00	2.00
				024303	28.00	30.00	2.00
				024304	30.00	32.00	2.00
				024305	32.00	34.00	2.00
				024306	34.00	36.00	2.00
				024307	36.00	38.00	2.00
				024308	38.00	40.00	2.00
39.80	40.00	ARG	Black siliceous argillite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-398
Grid System : ORIGINAL
Collar Eastings : 21120.600
Collar Northings : 19952.600
Collar Elevations : 1061.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	ARG	Black to grey, siliceous, stockworked argillite.	024309	2.00	4.00	2.00
4.00	6.00		20% limonitic, siliceous intrusive.	024310	4.00	6.00	2.00
				024311	6.00	8.00	2.00
				024312	8.00	10.00	2.00
				024313	10.00	12.00	2.00
				024314	12.00	14.00	2.00
14.00	20.00		20% grey, aphanitic chert.	024315	14.00	16.00	2.00
				024316	16.00	18.00	2.00
				024317	18.00	20.00	2.00
				024318	20.00	22.00	2.00
22.00	26.00	F*INT	Limonitic, black biotite rich intrusive.	024319	22.00	24.00	2.00
				024320	24.00	26.00	2.00
26.00	30.00	ARG	Black to grey siliceous, stockworked argillite.	024321	26.00	28.00	2.00
28.00	30.00		70% grey aphanitic chert.	024322	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-399
Grid System : ORIGINAL
Collar Eastings : 21017.900
Collar Northings : 19939.300
Collar Elevations : 1049.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic, siliceous intrusive with white chlorite weathered biotite. Rare quartz eyes. Traces of kermesite.				
2.00	4.00		15% white sulphide poor quartz feldspar porphyry.	024323	2.00	4.00	2.00
				024324	4.00	6.00	2.00
				024325	6.00	8.00	2.00
				024326	8.00	10.00	2.00
				024327	10.00	12.00	2.00
				024328	12.00	14.00	2.00
				024329	14.00	16.00	2.00
16.00	20.00		5-10% white, sulphide poor quartz feldspar porphyry.	024330	16.00	18.00	2.00
				024331	18.00	20.00	2.00
20.00	22.00	ARG	Black, siliceous, stockworked argillite.	024332	20.00	22.00	2.00
22.00	26.00	INT	Limonitic, siliceous quartz-eye-rich intrusive.	024333	22.00	24.00	2.00
24.00	26.00		15% black biotite rich intrusive.	024334	24.00	26.00	2.00
26.00	32.00	F*INT	Limonitic, black biotite-rich intrusive with abundant quartz eyes.	024335	26.00	28.00	2.00
				024336	28.00	30.00	2.00
				024337	30.00	32.00	2.00
32.00	34.00	INT	Limonitic, siliceous, quartz-eye-rich intrusive with 10% pyritic, yellow quartz feldspar porphyry.	024338	32.00	34.00	2.00
34.00	40.00	ARG	Black, fissile, stockworked argillite.				
34.00	36.00		40% limonitic siliceous, quartz-eye-rich intrusive with 10% pyritic, yellow quartz feldspar porphyry.	024339	34.00	36.00	2.00
				024340	36.00	38.00	2.00
36.40	37.60	INT	Limonitic siliceous, quartz-eye-rich intrusive with 10% pyritic, yellow quartz	024341	38.00	40.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-399

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			feldspar porphyry.				
38.50	39.50	INT	Limonitic siliceous, quartz-eye-rich intrusive with 10% pyritic, yellow quartz feldspar porphyry.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-400
Grid System : ORIGINAL
Collar Eastings : 20960.900
Collar Northings : 19830.500
Collar Elevations : 994.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic intrusive, pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with 5-10% phenocrysts in a glassy matrix.	024342	2.00	4.00	2.00
				024343	4.00	6.00	2.00
				024344	6.00	8.00	2.00
6.75	7.25	ARG	Black siliceous argillite.	024345	8.00	10.00	2.00
10.00	16.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. partially oxidized (0-30%) Biotite abundance is low, 25%.	024346	10.00	12.00	2.00
				024347	12.00	14.00	2.00
				024348	14.00	16.00	2.00
16.00	22.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with 5-10% phenocrysts in a glassy matrix.	024349	16.00	18.00	2.00
				024350	18.00	20.00	2.00
				024351	20.00	22.00	2.00
22.00	34.00	F*INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with 5-10% phenocrysts in a glassy matrix.	024352	22.00	24.00	2.00
				024353	24.00	26.00	2.00
				024354	26.00	28.00	2.00
				024355	28.00	30.00	2.00
				024356	30.00	32.00	2.00
				024357	32.00	34.00	2.00
34.00	44.00	INT	Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with 5-10% phenocrysts in a glassy matrix.	024358	34.00	36.00	2.00
				024359	36.00	38.00	2.00
				024360	38.00	40.00	2.00
				024361	40.00	42.00	2.00
				024362	42.00	44.00	2.00
44.00	48.00	ARG	Black, graphitic argillite.	024363	44.00	46.00	2.00
				024364	46.00	48.00	2.00
47.20	48.00		Limonitic intrusive; pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with 5-10% phenocrysts in a				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-400

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			glassy matrix.				
48.00	64.00	INT	Limonitic intrusive pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. NOTE: 48-50 m, 50-52 m Kermesite coating fractures, no visible sulphides.	024365	48.00	50.00	2.00
				024366	50.00	52.00	2.00
				024367	52.00	54.00	2.00
54.00	56.00		Kermesite associated with very fine grained stibnite pods in intrusive.	024368	54.00	56.00	2.00
				024369	56.00	58.00	2.00
				024370	58.00	60.00	2.00
				024371	60.00	62.00	2.00
				024372	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-401
Grid System : ORIGINAL
Collar Eastings : 20959.600
Collar Northings : 19809.800
Collar Elevations : 986.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Limonitic, siliceous intrusive with white chlorite weathered biotite and abundant quartz eyes.	024373	2.00	4.00	2.00
				024374	4.00	6.00	2.00
				024375	6.00	8.00	2.00
8.00	12.00		50% grey, unoxidized, greenish quartz feldspar porphyry with 5% disseminated pyrite.	024376	8.00	10.00	2.00
				024377	10.00	12.00	2.00
12.00	14.00		10% grey, unoxidized, greenish quartz feldspar porphyry with 5% disseminated pyrite, intrusive has 1% pyrite.	024378	12.00	14.00	2.00
				024379	14.00	16.00	2.00
16.00	18.00		15% greenish grey quartz feldspar porphyry 10% of intrusive has black biotite.	024380	16.00	18.00	2.00
18.00	32.00	P*INT	Grey to yellow black biotite rich fresh intrusive.	024381	18.00	20.00	2.00
				024382	20.00	22.00	2.00
				024383	22.00	24.00	2.00
				024384	24.00	26.00	2.00
				024385	26.00	28.00	2.00
				024386	28.00	30.00	2.00
				024387	30.00	32.00	2.00
32.00	44.00	INT	Limonitic, siliceous intrusive.				
32.00	36.00		10% of intrusive has black biotites.	024388	32.00	34.00	2.00
				024389	34.00	36.00	2.00
				024390	36.00	38.00	2.00
38.00	44.00		Traces of pyrite.	024391	38.00	40.00	2.00
				024392	40.00	42.00	2.00
				024393	42.00	44.00	2.00
44.00	50.00	ARG	Black, graphitic, siliceous, stockworked argillite with traces of finely disseminated pyrite.	024394	44.00	46.00	2.00
46.00	50.00		10% pyritic, limonitic quartz feldspar porphyry.	024395	46.00	48.00	2.00
				024396	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-402
Grid System : ORIGINAL
Collar Eastings : 21009.100
Collar Northings : 19767.700
Collar Elevations : 971.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	12.00	INT	Limonitic, quartz-rich intrusive with white chlorite weathered biotites.	024397	4.00	6.00	2.00
				024398	6.00	8.00	2.00
				024399	8.00	10.00	2.00
				024400	10.00	12.00	2.00
11.00	12.00	ARG	Black, siliceous, stockworked argillite.				
12.00	24.00	ARG	Black, siliceous, stockworked argillite with 50% soft grey clayey shale.				
12.00	16.00		25% limonitic, porphyritic intrusive.	024401	12.00	14.00	2.00
				024402	14.00	16.00	2.00
				024403	16.00	18.00	2.00
18.00	22.00		80% clayey, soft, grey shale. 3% of shale is altered deep red.	024404	18.00	20.00	2.00
				024405	20.00	22.00	2.00
				024406	22.00	24.00	2.00
23.00	24.00	INT	Limonitic, siliceous intrusive.				
24.00	42.00	INT	Limonitic, siliceous intrusive with white, weathered biotites.				
24.00	26.00		3% massive stibnite, intrusive has 1% pyrite.	024407	24.00	26.00	2.00
				024408	26.00	28.00	2.00
				024409	28.00	30.00	2.00
28.60	29.40	ARG	Black, siliceous, stockworked argillite.				
30.00	34.00		50% green to grey, pyrite quartz feldspar porphyry, abundant quartz eyes in intrusive.	024410	30.00	32.00	2.00
				024411	32.00	34.00	2.00
				024412	34.00	36.00	2.00
				024413	36.00	38.00	2.00
38.00	42.00		50% grey, black biotite rich fresh intrusive. Limonitic intrusive also has black biotites.	024414	38.00	40.00	2.00
				024415	40.00	42.00	2.00
42.00	48.00	QFP	White, siliceous, pyritic quartz feldspar porphyry with 15% oxidized intrusive.	024416	42.00	44.00	2.00
				024417	44.00	46.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-402

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				024418	46.00	48.00	2.00
48.00	70.00	INT	Limonitic, siliceous intrusive with white weathered biotites.				
48.00	50.00		1% pyrite.	024419	48.00	50.00	2.00
50.00	54.00		2% stibnite, kermesite traces, stockworked	024420	50.00	52.00	2.00
				024421	52.00	54.00	2.00
54.00	56.00		70% pyritic, white quartz feldspar porphyry.	024422	54.00	56.00	2.00
56.00	64.00		5-10% pyritic, white quartz feldspar porphyry.	024423	56.00	58.00	2.00
				024424	58.00	60.00	2.00
				024425	60.00	62.00	2.00
				024426	62.00	64.00	2.00
64.00	66.00		20% white unoxidized intrusive. 10% of intrusive and limonitic intrusive have BLACK BIOTITES.	024427	64.00	66.00	2.00
66.00	68.00	F*INT	Green to grey black biotite rich fresh intrusive with 30% oxidized biotite intrusive.	024428	66.00	68.00	2.00
				024429	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-403
Grid System : ORIGINAL
Collar Eastings : 21067.400
Collar Northings : 19741.100
Collar Elevations : 968.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	ARG	Black, siliceous and fissile stockworked argillite.	024430	2.00	4.00	2.00
2.50	3.50	INT	Reddish, limonitic, stockworked, siliceous intrusive.				
4.00	6.00		60% soft grey shale, traces of kermesite.	024431	4.00	6.00	2.00
				024432	6.00	8.00	2.00
				024433	8.00	10.00	2.00
				024434	10.00	12.00	2.00
				024435	12.00	14.00	2.00
				024436	14.00	16.00	2.00
16.00	18.00		Kermesite traces.	024437	16.00	18.00	2.00
				024438	18.00	20.00	2.00
				024439	20.00	22.00	2.00
22.00	28.00		Kermesite traces.	024440	22.00	24.00	2.00
				024441	24.00	26.00	2.00
				024442	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-404
Grid System : ORIGINAL
Collar Eastings : 21123.000
Collar Northings : 19769.400
Collar Elevations : 982.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	24.00	SEDS	Dark grey soft fissile shale.				
2.00	4.00	ARG	Black, siliceous, stockworked argillite.	024443	2.00	4.00	2.00
				024444	4.00	6.00	2.00
				024445	6.00	8.00	2.00
				024446	8.00	10.00	2.00
				024447	10.00	12.00	2.00
				024448	12.00	14.00	2.00
				024449	14.00	16.00	2.00
				024450	16.00	18.00	2.00
18.00	20.00		Kermesite trace.	024451	18.00	20.00	2.00
				024452	20.00	22.00	2.00
				024453	22.00	24.00	2.00
24.00	36.00	ARG	Black, graphitic, siliceous and fissile pyritic stockworked argillite.	024454	24.00	26.00	2.00
26.00	30.00		1% siliceous argillite completely replaced by pyrite.	024455	26.00	28.00	2.00
				024456	28.00	30.00	2.00
				024457	30.00	32.00	2.00
				024458	32.00	34.00	2.00
				024459	34.00	36.00	2.00
35.00	36.00	QFP	Grey, pyritic, unoxidized quartz feldspar porphyry.				
36.00	38.00	QFP	Grey, pyritic, unoxidized quartz feldspar porphyry.	024460	36.00	38.00	2.00
38.00	40.00	ARG	Black, siliceous, pyritic argillite.	024461	38.00	40.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-405
Grid System : ORIGINAL
Collar Eastings : 21122.800
Collar Northings : 19747.200
Collar Elevations : 977.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Less than 5% unaltered biotite.	024462	2.00	4.00	2.00
4.00	28.00	ARG	Black, graphitic argillite and minor soft grey to black argillite/shale. NOTE: At 24-28 m, minor disseminated and massive pyrite.	024463	4.00	6.00	2.00
				024464	6.00	8.00	2.00
				024465	8.00	10.00	2.00
				024466	10.00	12.00	2.00
				024467	12.00	14.00	2.00
				024468	14.00	16.00	2.00
				024469	16.00	18.00	2.00
				024470	18.00	20.00	2.00
				024471	20.00	22.00	2.00
				024472	22.00	24.00	2.00
				024473	24.00	26.00	2.00
				024474	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-406
Grid System : ORIGINAL
Collar Eastings : 21279.200
Collar Northings : 19925.000
Collar Elevations : 1026.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Limonitic intrusive, weakly to pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with less than 5% altered biotite.	024475	2.00	4.00	2.00
				024476	4.00	6.00	2.00
				024477	6.00	8.00	2.00
				024478	8.00	10.00	2.00
				024479	10.00	12.00	2.00
				024480	12.00	14.00	2.00
				024481	14.00	16.00	2.00
				024482	16.00	18.00	2.00
18.00	24.00	ARG	Black, siliceous argillite. NOTE: At 20-24 m, rusty weathering.	024483	18.00	20.00	2.00
				024484	20.00	22.00	2.00
				024485	22.00	24.00	2.00
24.00	28.00	INT	Limonitic intrusive, weakly to pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock with less than 5% altered biotite.				
24.00	24.8[illegible]	ARG	Rusty weathering black siliceous argillite.	024486	24.00	26.00	2.00
				024487	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-407
Grid System : ORIGINAL
Collar Eastings : 21282.200
Collar Northings : 19897.600
Collar Elevations : 1027.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Limonitic intrusive. Pervasively oxidized quartz feldspar porphyritic, highly siliceous intrusive rock. Phenocrysts are fine grained and comprise less than 10% of rock composition.	024488	2.00	4.00	2.00
				024489	4.00	6.00	2.00
				024490	6.00	8.00	2.00
				024491	8.00	10.00	2.00
				024492	10.00	12.00	2.00
12.00	16.00	F*INT	Biotite feldspar porphyritic, siliceous intrusive rock. Phenocrysts make up 5-15% of rocks composition and matrix is glassy, greenish grey. Weakly oxidized and biotite partially to completely altered to white clay mineral.	024493	12.00	14.00	2.00
				024494	14.00	16.00	2.00
16.00	38.00	INT	Limonitic intrusive. Pervasively oxidized quartz feldspar porphyritic, highly siliceous intrusive rock. Phenocrysts are fine grained and comprise less than 10% of rock composition. NOTE: At 36-38 m, finely disseminated sulphide visible in rare unaltered chips.	024495	16.00	18.00	2.00
				024496	18.00	20.00	2.00
				024497	20.00	22.00	2.00
				024498	22.00	24.00	2.00
				024499	24.00	26.00	2.00
				024500	26.00	28.00	2.00
				024501	28.00	30.00	2.00
				024502	30.00	32.00	2.00
				024503	32.00	34.00	2.00
				024504	34.00	36.00	2.00
				024505	36.00	38.00	2.00
38.00	46.00	ARG	Predominantly black, graphitic, cherty argillite with minor soft grey siltstone(?	024506	38.00	40.00	2.00
				024507	40.00	42.00	2.00
				024508	42.00	44.00	2.00
				024509	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-406
Grid System : ORIGINAL
Collar Eastings : 22072.100
Collar Northings : 19540.500
Collar Elevations : 902.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 42.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	INT	Limonitic intrusive. Pervasively oxidized quartz feldspar porphyry. Contains less than 5% quartz eyes and 5-10% fine to medium grained plagioclase phenocrysts in an aphanitic matrix 10% altered to limonite. Rare fine grained biotite phenocrysts completely altered to microcrystalline white clay mineral. NOTE: At 16-18 and 20-22 m, contain less than 5% and 5-10% respectively unaltered chips of quartz feldspar porphyry (see 22-36 m).	024510	2.00	4.00	2.00
				024511	4.00	6.00	2.00
				024512	6.00	8.00	2.00
				024513	8.00	10.00	2.00
				024514	10.00	12.00	2.00
				024515	12.00	14.00	2.00
				024516	14.00	16.00	2.00
				024517	16.00	18.00	2.00
				024518	18.00	20.00	2.00
				024519	20.00	22.00	2.00
22.00	36.00	QFP	Quartz feldspar porphyry composed of less than 10% fine grained feldspar phenocrysts in grey aphanitic, glassy matrix with approximately 20% microcrystalline plagioclase. NOTE: 22-28 m, 5-10% intrusive 28-34 m, 25-30% intrusive 34-36 m, 50% intrusive	024520	22.00	24.00	2.00
				024521	24.00	26.00	2.00
				024522	26.00	28.00	2.00
				024523	28.00	30.00	2.00
				024524	30.00	32.00	2.00
				024525	32.00	34.00	2.00
				024526	34.00	36.00	2.00
36.00	42.00	ARG	Black, cherty argillite silicified and with less than 7% finely disseminated sulphides.	024527	36.00	38.00	2.00
				024528	38.00	40.00	2.00
				024529	40.00	42.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-409
Grid System : ORIGINAL
Collar Eastings : 21274.700
Collar Northings : 19975.200
Collar Elevations : 1023.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 38.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	ARG	Black cherty argillite. Pervasively silicified with very finely disseminated sulphides.	024530	2.00	4.00	2.00
				024531	4.00	6.00	2.00
				024532	6.00	8.00	2.00
				024533	8.00	10.00	2.00
				024534	10.00	12.00	2.00
				024535	12.00	14.00	2.00
				024536	14.00	16.00	2.00
				024537	16.00	18.00	2.00
				024538	18.00	20.00	2.00
				024539	20.00	22.00	2.00
				024540	22.00	24.00	2.00
				024541	24.00	26.00	2.00
				024542	26.00	28.00	2.00
28.00	32.00	P*INT	Biotite feldspar porphyritic siliceous intrusive rock. Weakly limonitic and biotites are sometimes altered to white clay mineral. Limonitic alteration increases with depth.				
28.00	29.27	ARG	Black cherty argillite.	024543	28.00	30.00	2.00
				024544	30.00	32.00	2.00
32.00	38.00	ARG	Black, cherty argillitel Weak limonitic alteration on fracture surfaces.	024545	32.00	34.00	2.00
				024546	34.00	36.00	2.00
				024547	36.00	38.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-410
Grid System : ORIGINAL
Collar Eastings : 21276.100
Collar Northings : 19948.700
Collar Elevations : 1023.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic intrusive. Pervasively oxidized quartz feldspar porphyry. Unaltered matrix is white coloured and glassy textured.	024548	2.00	4.00	2.00
4.00	12.00	ARG	Black cherty argillite. NOTE: 4-6 m, less than 5% limonitic intrusive.	024549	4.00	6.00	2.00
				024550	6.00	8.00	2.00
				024551	8.00	10.00	2.00
				024552	10.00	12.00	2.00
12.00	14.00	INT	Limonitic intrusion. Pervasively oxidized quartz feldspar porphyry. Unaltered matrix is white coloured and glassy textured.	024553	12.00	14.00	2.00
14.00	28.00	ARG	Black cherty argillite. Minor very finely disseminated pyrite on fracture surfaces.	024554	14.00	16.00	2.00
				024555	16.00	18.00	2.00
				024556	18.00	20.00	2.00
				024557	20.00	22.00	2.00
				024558	22.00	24.00	2.00
				024559	24.00	26.00	2.00
				024560	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-411
Grid System : ORIGINAL
Collar Eastings : 21889.500
Collar Northings : 19457.300
Collar Elevations : 924.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	26.00	INT	Limonitic, siliceous, prophyritic intrusion with quartz phenocrysts and biotites to white clay mineral.				
2.00	4.00		30% unoxidized fresh intrusive, traces of pyrite and 10% black biotite in intrusive.	024561	2.00	4.00	2.00
				024562	4.00	6.00	2.00
				024563	6.00	8.00	2.00
				024564	8.00	10.00	2.00
10.00	14.00		Extremely quartz phenocryst rich.	024565	10.00	12.00	2.00
				024566	12.00	14.00	2.00
				024567	14.00	16.00	2.00
16.00	18.00		10% biotites still black.	024568	16.00	18.00	2.00
18.00	20.00		Most biotites still black.	024569	18.00	20.00	2.00
20.00	22.00		20% grey, pyritic quartz feldspar porphyry 5% biotites in limonitic intrusive still black.	024570	20.00	22.00	2.00
22.00	26.00		10% grey, pyritic quartz feldspar porphyry Intrusive is pyritic.	024571	22.00	24.00	2.00
				024572	24.00	26.00	2.00
26.00	30.00	ARG	Black, graphitic, fissile, stockworked argillite. 15% limonitic intrusive.	024573	26.00	28.00	2.00
28.00	30.00		2% argillite replaced by pyrite.	024574	28.00	30.00	2.00
30.00	38.00	QFP	Grey quartz feldspar porphyry with disseminated pyrite.	024575	30.00	32.00	2.00
				024576	32.00	34.00	2.00
				024577	34.00	36.00	2.00
				024578	36.00	38.00	2.00
38.00	42.00	ARG	Black, graphitic, siliceous, stockworked argillite with finely disseminated pyrite.	024579	38.00	40.00	2.00
				024580	40.00	42.00	2.00
42.00	48.00	QFP	Light grey, pyritic quartz feldspar porphyry.	024581	42.00	44.00	2.00
				024582	44.00	46.00	2.00
				024583	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-411

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
48.00	52.00	F*INT	Grey fresh intrusive with black biotite rims beginning to weather.	024584	48.00	50.00	2.00
				024585	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-412
Grid System : ORIGINAL
Collar Eastings : 21942.600
Collar Northings : 19450.900
Collar Elevations : 911.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	ARG	Black, siliceous, stockworked argillite with 50% soft, fissile grey shale.	024586	2.00	4.00	2.00
2.60	3.40	INT	Limonitic, siliceous intrusive.	024587	4.00	6.00	2.00
				024588	6.00	8.00	2.00
8.00	24.00	INT	Limonitic, siliceous, quartz-eye-rich porphyritic intrusion.				
8.00	9.00	ARG	Black, siliceous, stockworked argillite with 50% soft, fissile grey shale.	024589	8.00	10.00	2.00
				024590	10.00	12.00	2.00
10.60	11.40	ARG	Black, siliceous, stockworked argillite with 50% soft, fissile grey shale.				
12.00	16.00		Red limonite, 30% grey, pyritic quartz feldspar porphyry.	024591	12.00	14.00	2.00
				024592	14.00	16.00	2.00
				024593	16.00	18.00	2.00
				024594	18.00	20.00	2.00
20.00	24.00		30-40% white, pyritic quartz feldspar porphyry.	024595	20.00	22.00	2.00
				024596	22.00	24.00	2.00
24.00	36.00	QFP	White to grey, pyritic quartz feldspar porphyry.				
24.00	28.00		10% limonitic intrusive. 10% black graphitic, siliceous, pyritic argillite.	024597	24.00	26.00	2.00
				024598	26.00	28.00	2.00
				024599	28.00	30.00	2.00
28.30	29.70	ARG	Black, graphitic, siliceous argillite with finely disseminated pyrite.	024600	30.00	32.00	2.00
				024601	32.00	34.00	2.00
				024602	34.00	36.00	2.00
36.00	40.00	P*INT	Grey, black biotite rich fresh porphyritic intrusion.	024603	36.00	38.00	2.00
				024604	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCBC 91-413
Grid System : ORIGINAL
Collar Eastings : 21943.300
Collar Northings : 19476.800
Collar Elevations : 915.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	ARG	Black, graphitic, stockworked argillite 30% grey shale.	024605	2.00	4.00	2.00
2.50	3.50	INT	Limonitic, siliceous intrusive.	024606	4.00	6.00	2.00
				024607	6.00	8.00	2.00
				024608	8.00	10.00	2.00
9.30	10.00	INT	Limonitic, siliceous intrusive.				
10.00	18.00	INT	Limonitic, siliceous porphyritic intrusive with biotites weathered to white chlorite, and occasional quartz eyes.	024609	10.00	12.00	2.00
				024610	12.00	14.00	2.00
				024611	14.00	16.00	2.00
				024612	16.00	18.00	2.00
18.00	24.00	ARG	Black, graphitic, stockworked argillite 20% grey shale. Disseminated pyrite.				
18.00	19.00	INT	Limonitic, siliceous porphyritic intrusive with biotites weathered to white chlorite, and occasional quartz eyes.	024613	18.00	20.00	2.00
				024614	20.00	22.00	2.00
				024615	22.00	24.00	2.00
24.00	28.00	INT	Limonitic, siliceous, porphyritic intrusive.				
24.00	26.00		30% unoxidized, pyritic, white quartz feldspar porphyry.	024616	24.00	26.00	2.00
26.00	28.00		50% unoxidized, pyritic, white quartz feldspar porphyry.	024617	26.00	28.00	2.00
28.00	38.00	QFP	White to grey, pyritic, unoxidized quartz, feldspar porphyry.	024618	28.00	30.00	2.00
				024619	30.00	32.00	2.00
				024620	32.00	34.00	2.00
				024621	34.00	36.00	2.00
36.00	38.00		10% oxidized porphyry.	024622	36.00	38.00	2.00
38.00	42.00	ARG	Black, fissile and siliceous, graphitic argillite.	024623	38.00	40.00	2.00
				024624	40.00	42.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-413

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
42.00	50.00	QFP	White to grey, pyritic, unoxidized quartz feldspar porpnyry.	024625	42.00	44.00	2.00
				024626	44.00	46.00	2.00
				024627	46.00	48.00	2.00
				024628	48.00	50.00	2.00
48.60	49.40	ARG	Black, fissile and siliceous, graphitic argillite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-414
Grid System : ORIGINAL
Collar Eastings : 22065.000
Collar Northings : 19499.800
Collar Elevations : 894.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous intrusive with abundant black biotite.	024629	2.00	4.00	2.00
4.00	28.00	ARG	Black, fissile to siliceous argillite, graphitic, pyritic.				
4.00	6.00		10% limonitic intrusive.	024630	4.00	6.00	2.00
				024631	6.00	8.00	2.00
				024632	8.00	10.00	2.00
				024633	10.00	12.00	2.00
				024634	12.00	14.00	2.00
				024635	14.00	16.00	2.00
				024636	16.00	18.00	2.00
				024637	18.00	20.00	2.00
				024638	20.00	22.00	2.00
				024639	22.00	24.00	2.00
				024640	24.00	26.00	2.00
				024641	26.00	28.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-415
Grid System : ORIGINAL
Collar Eastings : 21753.000
Collar Northings : 19586.900
Collar Elevations : 912.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 48.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	8.00	INT	Limonitic intrusive; pervasively oxidized feldspar porphyritic siliceous intrusive rock. Rare quartz eyes and minor altered biotite.	024642	4.00	6.00	2.00
				024643	6.00	8.00	2.00
8.00	12.00	QFP	Quartz feldspar porphyry with 10-15% phenocrysts in a white to grey aphanitic glassy matrix. Weakly to moderately oxidized. Finely disseminated pyrite and arsenopyrite throughout.	024644	8.00	10.00	2.00
				024645	10.00	12.00	2.00
12.00	16.00	F*INT	Biotite rich siliceous intrusive rock. Contains 10-15% biotite and plagioclase phenocrysts in a dark grey glassy matrix.	024646	12.00	14.00	2.00
				024647	14.00	16.00	2.00
16.00	38.00	QFP	Quartz feldspar porphyry with 10-15% phenocrysts in a white to grey aphanitic glassy matrix. Weakly to moderately oxidized. Finely disseminated pyrite and arsenopyrite throughout.	024648	16.00	18.00	2.00
				024649	18.00	20.00	2.00
				024650	20.00	22.00	2.00
				024651	22.00	24.00	2.00
				024652	24.00	26.00	2.00
				024653	26.00	28.00	2.00
				024654	28.00	30.00	2.00
				024655	30.00	32.00	2.00
				024656	32.00	34.00	2.00
				024657	34.00	36.00	2.00
34.70	35.30	ARG	Black cherty argillite.	024658	36.00	38.00	2.00
38.00	44.00	F*INT	Biotite rich siliceous intrusive rock. Contains 10-15% biotite and plagioclase phenocrysts in a dark grey glassy matrix.	024659	38.00	40.00	2.00
				024660	40.00	42.00	2.00
				024661	42.00	44.00	2.00
43.00	44.00	ARG	Black graphitic argillite.				
44.00	48.00	ARG	Black graphitic argillite. Finely dissem-	024662	44.00	46.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-415

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			inated sulphides throughout.	024663	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-416
Grid System : ORIGINAL
Collar Eastings : 21753.000
Collar Northings : 19563.300
Collar Elevations : 920.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic, porphyritic intrusion with occasional quartz phenocrysts.				
2.00	4.00		Soft, crumbly, unsilicified intrusion.	024664	2.00	4.00	2.00
4.00	6.00		30% white, pyritic quartz feldspar porphyry.	024665	4.00	6.00	2.00
				024666	6.00	8.00	2.00
6.40	7.60	ARG	Black, graphitic, pyritic argillite.				
8.00	12.00		30% white, pyritic, quartz feldspar porphyry.	024667	8.00	10.00	2.00
				024668	10.00	12.00	2.00
12.00	16.00		40-50% grey, pyritic quartz feldspar porphyry with 1% biotites still black.	024669	12.00	14.00	2.00
				024670	14.00	16.00	2.00
16.00	20.00		60-70% grey to green, pyritic quartz feldspar porphyry with 1% black biotite.	024671	16.00	18.00	2.00
				024672	18.00	20.00	2.00
20.00	22.00	ARG	Black, graphitic, pyritic, stockworked argillite. 30% white, pyritic quartz feldspar porphyry.	024673	20.00	22.00	2.00
22.00	54.00	QFP	Grey, pyritic, quartz feldspar porphyry.				
22.00	24.00		10% limonitic, porphyritic intrusive.	024674	22.00	24.00	2.00
				024675	24.00	26.00	2.00
				024676	26.00	28.00	2.00
28.00	30.00		10% of biotites are still black.	024677	28.00	30.00	2.00
				024678	30.00	32.00	2.00
32.00	46.00		3-5% limonitic intrusive.	024679	32.00	34.00	2.00
				024680	34.00	36.00	2.00
				024681	36.00	38.00	2.00
				024682	38.00	40.00	2.00
				024683	40.00	42.00	2.00
				024684	42.00	44.00	2.00
				024685	44.00	46.00	2.00
46.00	52.00		Greenish grey, pyritic quartz feldspar porphyry.	024686	46.00	48.00	2.00
				024687	48.00	50.00	2.00
				024688	50.00	52.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-41[illegible]

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
52.00	54.00		10% of biotites are black. 10% black, graphitic, pyritic argillite.	024689	52.00	54.00	2.00
54.00	58.00	F*INT	Greenish grey unoxidized fresh intrusive with 50-60% biotites still black.	024690	54.00	56.00	2.00
				024691	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-417
Grid System : ORIGINAL
Collar Eastings : 21597.900
Collar Northings : 19697.100
Collar Elevations : 948.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Limonitic, siliceous, black biotite rich intrusive.	024692	2.00	4.00	2.00
				024693	4.00	6.00	2.00
6.00	30.00	F*INT	Black biotite rich, grey fresh intrusive.	024694	6.00	8.00	2.00
				024695	8.00	10.00	2.00
				024696	10.00	12.00	2.00
				024697	12.00	14.00	2.00
14.00	24.00		10% limonitic intrusive.	024698	14.00	16.00	2.00
				024699	16.00	18.00	2.00
				024700	18.00	20.00	2.00
				024701	20.00	22.00	2.00
				024702	22.00	24.00	2.00
				024703	24.00	26.00	2.00
				024704	26.00	28.00	2.00
				024705	28.00	30.00	2.00
30.00	32.00	ARG	Black, siliceous, pyritic, graphitic argillite. 15% grey pyritic quartz feldspar porphyry.	024706	30.00	32.00	2.00
32.00	46.00	QFP	Grey, pyritic quartz feldspar porphyry with abundant white clay altered biotites.	024707	32.00	34.00	2.00
				024708	34.00	36.00	2.00
				024709	36.00	38.00	2.00
				024710	38.00	40.00	2.00
				024711	40.00	42.00	2.00
				024712	42.00	44.00	2.00
				024713	44.00	46.00	2.00
45.00	46.00	ARG	Black, graphitic, pyritic argillite.				
46.00	52.00	ARG	Black, graphitic, unoxidized, stockworked argillite with finely disseminated pyrite.	024714	46.00	48.00	2.00
				024715	48.00	50.00	2.00
				024716	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-418
Grid System : ORIGINAL
Collar Eastings : 21710.900
Collar Northings : 19699.500
Collar Elevations : 949.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	26.00	INT	Limonitic, siliceous intrusive with ocasional quartz eyes.	024717	2.00	4.00	2.00
4.00	14.00		Abundant black biotite in lomonitic intrusive.	024718	4.00	6.00	2.00
				024719	6.00	8.00	2.00
				024720	8.00	10.00	2.00
				024721	10.00	12.00	2.00
				024722	12.00	14.00	2.00
14.00	18.00		10% of biotites still black.	024723	14.00	16.00	2.00
				024724	16.00	18.00	2.00
				024725	18.00	20.00	2.00
20.00	26.00		50% grey quartz feldspar porphyry with finely disseminated pyrite.	024726	20.00	22.00	2.00
				024727	22.00	24.00	2.00
				024728	24.00	26.00	2.00
26.00	36.00	QPP	Grey, pyritic quartz feldspar porphyry with 10-20% limonitic intrusive.	024729	26.00	28.00	2.00
				024730	28.00	30.00	2.00
				024731	30.00	32.00	2.00
				024732	32.00	34.00	2.00
				024733	34.00	36.00	2.00
36.00	44.00	F*INT	Grey fresh intrusive with 60% of biotites still black.	024734	36.00	38.00	2.00
				024735	38.00	40.00	2.00
				024736	40.00	42.00	2.00
				024737	42.00	44.00	2.00
44.00	52.00	ARG	Black, siliceous, graphitic argillite with finely disseminated pyrite.				
44.00	46.00		40% white, pyritic quartz feldspar porphyry. 1% argillite almost completely, replaced with pyrite.	024738	44.00	46.00	2.00
				024739	46.00	48.00	2.00
				024740	48.00	50.00	2.00
				024741	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-419
Grid System : ORIGINAL
Collar Eastings : 21648.400
Collar Northings : 19714.600
Collar Elevations : 960.210
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	34.00	INT	Highly limonitic, siliceous intrusive with rare quartz eyes.	024742	2.00	4.00	2.00
				024743	4.00	6.00	2.00
				024744	6.00	8.00	2.00
8.00	10.00		5% unoxidized, sulphide poor quartz feldspar porphyry.	024745	8.00	10.00	2.00
10.00	12.00		5% unoxidized, sulphide poor quartz feldspar porphyry.	024746	10.00	12.00	2.00
				024747	12.00	14.00	2.00
				024748	14.00	16.00	2.00
14.30	15.70	ARG	Black, siliceous argillite.				
16.00	22.00		5-10% unoxidized, pyritic quartz feldspar porphyry.	024749	16.00	18.00	2.00
				024750	18.00	20.00	2.00
				024751	20.00	22.00	2.00
22.00	30.00		40-50% white, pyritic quartz feldspar porphyry.	024752	22.00	24.00	2.00
				024753	24.00	26.00	2.00
				024754	26.00	28.00	2.00
				024755	28.00	30.00	2.00
30.00	34.00		50-60% white, pyritic quartz feldspar porphyry.	024756	30.00	32.00	2.00
				024757	32.00	34.00	2.00
34.00	60.00	QFP	Grey to green quartz feldspar porphyry with disseminated pyrite. Traces of apple green alteration.	024758	34.00	36.00	2.00
				024759	36.00	38.00	2.00
				024760	38.00	40.00	2.00
				024761	40.00	42.00	2.00
				024762	42.00	44.00	2.00
				024763	44.00	46.00	2.00
46.00	50.00		10% of biotites still black.	024764	46.00	48.00	2.00
				024765	48.00	50.00	2.00
50.00	54.00		5% of biotites still black.	024766	50.00	52.00	2.00
				024767	52.00	54.00	2.00
				024768	54.00	56.00	2.00
				024769	56.00	58.00	2.00
				024770	58.00	60.00	2.00
60.00	64.00	ARG	Black, graphitic argillite with abundant				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-419

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			disseminated pyrite.				
60.00	61.00		White, pyrite-rich quartz feldspar por-	024771	60.00	62.00	2.00
			phyry.	024772	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-420
Grid System : ORIGINAL
Collar Eastings : 21598.000
Collar Northings : 19671.100
Collar Elevations : 941.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic intrusive, pervasively oxidized biotite feldspar porphyritic, siliceous intrusive rock. Rare quartz eyes. Biotite is partly to completely altered to white clay mineral.	024773	2.00	4.00	2.00
				024774	4.00	6.00	2.00
				024775	6.00	8.00	2.00
8.00	30.00	F*INT	Biotite feldspar porphyry which contains 10-15% biotite phenocrysts and 5-10% plagioclase phenocrysts in a highly siliceous glassy light to medium grey coloured matrix. Partially oxidized(0-10% of chips) Contains very finely disseminated sulphides in upper part of interval.	024776	8.00	10.00	2.00
				024777	10.00	12.00	2.00
				024778	12.00	14.00	2.00
				024779	14.00	16.00	2.00
				024780	16.00	18.00	2.00
				024781	18.00	20.00	2.00
				024782	20.00	22.00	2.00
				024783	22.00	24.00	2.00
				024784	24.00	26.00	2.00
				024785	26.00	28.00	2.00
				024786	28.00	30.00	2.00
30.00	44.00	QFP	Quartz feldspar porphyritic siliceous intrusive rock. Rare quartz eyes and minor white biotite. Matrix is glassy light to medium grey coloured and aphanitic.				
30.00	30.30	ARG	Black siliceous argillite.	024787	30.00	32.00	2.00
				024788	32.00	34.00	2.00
				024789	34.00	36.00	2.00
				024790	36.00	38.00	2.00
				024791	38.00	40.00	2.00
				024792	40.00	42.00	2.00
				024793	42.00	44.00	2.00
44.00	48.00	ARG	Black graphitic argillite.	024794	44.00	46.00	2.00
				024795	46.00	48.00	2.00
48.00	50.00	QFP	Quartz feldspar porphyritic siliceous	024796	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-420

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			intrusive rock.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-421
Grid System : ORIGINAL
Collar Eastings : 21755.300
Collar Northings : 19534.800
Collar Elevations : 931.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	10.00	INT	Limonitic intrusive, pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral.	024797	4.00	6.00	2.00
				024798	6.00	8.00	2.00
6.60	7.40	ARG	Black, siliceous argillite.	024799	8.00	10.00	2.00
10.00	12.00	ARG	Black, siliceous argillite.	024800	10.00	12.00	2.00
12.00	42.00	QFP	Quartz feldspar porphyry. White to light grey coloured, highly siliceous with minor quartz eyes and white, clay altered biotite. Locally weakly oxidized.	024801	12.00	14.00	2.00
				024802	14.00	16.00	2.00
				024803	16.00	18.00	2.00
				024804	18.00	20.00	2.00
				024805	20.00	22.00	2.00
				024806	22.00	24.00	2.00
				024807	24.00	26.00	2.00
24.60	25.40	ARG	Black siliceous argillite with massive to disseminated pyrite.	024808	26.00	28.00	2.00
				024809	28.00	30.00	2.00
				024810	30.00	32.00	2.00
				024811	32.00	34.00	2.00
				024812	34.00	36.00	2.00
				024813	36.00	38.00	2.00
				024814	38.00	40.00	2.00
				024815	40.00	42.00	2.00
42.00	50.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. Matrix is medium to dark grey, glassy and siliceous.	024816	42.00	44.00	2.00
				024817	44.00	46.00	2.00
				024818	46.00	48.00	2.00
				024819	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-422
Grid System : ORIGINAL
Collar Eastings : 21754.300
Collar Northings : 19619.600
Collar Elevations : 912.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 44.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely altered to white clay mineral.	024820	2.00	4.00	2.00
				024821	4.00	6.00	2.00
				024822	6.00	8.00	2.00
7.40	8.00	F*INT	Biotite feldspar porphyry.				
8.00	20.00	QFP	Quartz feldspar porphyry with rare quartz and 15-20% fine grained plagioclase phenocrysts in light to medium grey aphanitic glassy matrix. Minor altered biotite and very finely disseminated sulphides throughout.	024823	8.00	10.00	2.00
				024824	10.00	12.00	2.00
				024825	12.00	14.00	2.00
				024826	14.00	16.00	2.00
				024827	16.00	18.00	2.00
				024828	18.00	20.00	2.00
20.00	38.00	F*INT	Biotite feldspar porphyry in medium to dark grey coloured, aphanitic, glassy matrix. Biotite comprises from 2-5% of rock, and is sometimes altered to white clay minera..	024829	20.00	22.00	2.00
				024830	22.00	24.00	2.00
				024831	24.00	26.00	2.00
				024832	26.00	28.00	2.00
				024833	28.00	30.00	2.00
				024834	30.00	32.00	2.00
				024835	32.00	34.00	2.00
				024836	34.00	36.00	2.00
				024837	36.00	38.00	2.00
37.50	38.00	ARG	Black graphitic argillite.				
38.00	44.00	ARG	Black, graphitic argillite.	024838	38.00	40.00	2.00
				024839	40.00	42.00	2.00
				024840	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-423
Grid System : ORIGINAL
Collar Eastings : 21753.600
Collar Northings : 19505.800
Collar Elevations : 938.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	ARG	Black fissile; graphitic argillite and minor grey, very soft siltstone.	024841	2.00	4.00	2.00
				024842	4.00	6.00	2.00
				024843	6.00	8.00	2.00
7.50	8.00	INT	Limonitic intrusive.				
8.00	22.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral, but it is fresh in unaltered chips which range from 5-40% in abundance.	024844	8.00	10.00	2.00
				024845	10.00	12.00	2.00
				024846	12.00	14.00	2.00
				024847	14.00	16.00	2.00
				024848	16.00	18.00	2.00
				024849	18.00	20.00	2.00
				024850	20.00	22.00	2.00
21.20	22.00	ARG	Black fissile argillite.				
22.00	46.00	QFP	Feldspar porphyritic siliceous intrusive rock. Contains 15-20% fine grained feldspar phenocrysts and less than 5% biotite in a light to dark grey coloured silicic, glassy matrix. Biotite is typically unaltered. Disseminated sulphide, mainly pyrite, throughout.	024851	22.00	24.00	2.00
				024852	24.00	26.00	2.00
				024853	26.00	28.00	2.00
				024854	28.00	30.00	2.00
				024855	30.00	32.00	2.00
				024856	32.00	34.00	2.00
				024857	34.00	36.00	2.00
				024858	36.00	38.00	2.00
				024859	38.00	40.00	2.00
				024860	40.00	42.00	2.00
				024861	42.00	44.00	2.00
				024862	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-424
Grid System : ORIGINAL
Collar Eastings : 21809.300
Collar Northings : 19477.500
Collar Elevations : 935.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 62.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	OVBRD	Overburden, muddy, clay rich dirt.	024863	2.00	4.00	2.00
4.00	36.00	INT	Limonitic, siliceous, porphyritic intrusion.	024864	4.00	6.00	2.00
				024865	6.00	8.00	2.00
			NOTE: 6-6 m, 50% unoxidized, pyritic quartz feldspar porphyry.	024866	8.00	10.00	2.00
8.40	9.6[illegible]	ARG	Black, graphitic, pyritic argillite.	024867	10.00	12.00	2.00
				024868	12.00	14.00	2.00
12.80	15.2[illegible]	ARG	Black, graphitic, pyritic argillite.	024869	14.00	16.00	2.00
				024870	16.00	18.00	2.00
				024871	18.00	20.00	2.00
				024872	20.00	22.00	2.00
20.50	21.5[illegible]	ARG	Black, graphitic, pyritic argillite with stockworking.	024873	22.00	24.00	2.00
				024874	24.00	26.00	2.00
			NOTE: 22-36 m, 40-50% grey, pyritic quartz feldspar porphyry. Limonitic intrusive is pyritic.	024875	26.00	28.00	2.00
				024876	28.00	30.00	2.00
				024877	30.00	32.00	2.00
				024878	32.00	34.00	2.00
				024879	34.00	36.00	2.00
36.00	58.00	QFP	White to grey pyritic quartz feldspar porphyry.	024880	36.00	38.00	2.00
				024881	38.00	40.00	2.00
			NOTE: 36-42 m, 10% limonitic intrusive.	024882	40.00	42.00	2.00
			NOTE: 46-52 m, greenish grey, pyritic quartz feldspar porphyry.	024883	42.00	44.00	2.00
				024884	44.00	46.00	2.00
				024885	46.00	48.00	2.00
				024886	48.00	50.00	2.00
				024887	50.00	52.00	2.00
				024888	52.00	54.00	2.00
52.50	53.50	ARG	Black, graphitic, pyritic, stockworked argillite.	024889	54.00	56.00	2.00
				024890	56.00	58.00	2.00
58.00	62.00	F*INT	Grey, fresh intrusive with partially	024891	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-424

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			altered black biotites.	024892	60.00	62.00	2.00

NORANDA EXPLORATION

DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-425
Grid System : ORIGINAL
Collar Eastings : 21508.900
Collar Northings : 19719.200
Collar Elevations : 964.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	6.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Finely disseminated sulphides (pyrite and arsenopyrite) throughout.	024893	0.00	2.00	2.00
				024894	2.00	4.00	2.00
				024895	4.00	6.00	2.00
6.00	30.00	QFP	Light to dark grey feldspar porphyritic, highly siliceous intrusive rock. Contains 15-20% fine grained plagioclase phenocrysts and less than 5% unaltered biotite phenocrysts in a glassy matrix. Minor quartz eyes. Finely disseminated sulphides throughout.	024896	6.00	8.00	2.00
				024897	8.00	10.00	2.00
				024898	10.00	12.00	2.00
				024899	12.00	14.00	2.00
				024900	14.00	16.00	2.00
				024901	16.00	18.00	2.00
				024902	18.00	20.00	2.00
				024903	20.00	22.00	2.00
				024904	22.00	24.00	2.00
				024905	24.00	26.00	2.00
				024906	26.00	28.00	2.00
				024907	28.00	30.00	2.00
29.00	30.00	ARG	Black siliceous argillite with disseminated pyrite.				
30.00	32.00	ARG	Black, siliceous graphitic argillite with disseminated pyrite and hairline stringers	024908	30.00	32.00	2.00
32.00	40.00	QFP	Quartz feldspar porphyry with abundant disseminated and massive pyrite.	024909	32.00	34.00	2.00
				024910	34.00	36.00	2.00
				024911	36.00	38.00	2.00
				024912	38.00	40.00	2.00
38.80	40.00	ARG	Black siliceous graphitic argillite.				
40.00	46.00	ARG	Black siliceous graphitic argillite and minor arkose composed of fine grained siltstone fragments in an argillite matrix	024913	40.00	42.00	2.00
				024914	42.00	44.00	2.00
				024915	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-426
Grid System : ORIGINAL
Collar Eastings : 21599.300
Collar Northings : 19634.300
Collar Elevations : 942.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Limonitic, siliceous, porphyritic intrusive. NOTE: 10-14 m, 40% white, sulphide poor quartz feldspar porphyry.	024916	2.00	4.00	2.00
				024917	4.00	6.00	2.00
				024918	6.00	8.00	2.00
				024919	8.00	10.00	2.00
				024920	10.00	12.00	2.00
				024921	12.00	14.00	2.00
14.00	30.00	F*INT	Dark grey, black biotite-rich fresh intrusive.	024922	14.00	16.00	2.00
				024923	16.00	18.00	2.00
				024924	18.00	20.00	2.00
				024925	20.00	22.00	2.00
				024926	22.00	24.00	2.00
				024927	24.00	26.00	2.00
				024928	26.00	28.00	2.00
				024929	28.00	30.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-427
Grid System : ORIGINAL
Collar Eastings : 21509.900
Collar Northings : 19772.300
Collar Elevations : 965.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	ARG	Black, siliceous argillite.	024930	2.00	4.00	2.00
2.50	3.50	INT	Limonitic, siliceous intrusive.				
3.80	4.20	INT	Limonitic intrusive with remnant black	024931	4.00	6.00	2.00
			biotites.	024932	6.00	8.00	2.00
			NOTE: 10-12 m, graphitic, pyritic	024933	8.00	10.00	2.00
			argillite.	024934	10.00	12.00	2.00
			NOTE: 13-14 m, limonitic, siliceous int-	024935	12.00	14.00	2.00
			rusive.				
14.00	20.00	QFP	Grey, pyritic quartz feldspar porphyry	024936	14.00	16.00	2.00
			with 10% biotites still black.	024937	16.00	18.00	2.00
			NOTE: 14-16 m, weakly, limonitic, pyritic	024938	18.00	20.00	2.00
			intrusive.				
20.00	34.00	ARG	Black, graphitic, pyritic, stockworked	024939	20.00	22.00	2.00
			argillite.	024940	22.00	24.00	2.00
			NOTE: 22-24 m, 30% white, pyritic, quartz	024941	24.00	26.00	2.00
			feldspar porphyry.				
26.00	28.00	QFP	Grey, pyritic quartz feldspar porphyry.	024942	26.00	28.00	2.00
			NOTE: 30-34 m, extremely stockworked.	024943	28.00	30.00	2.00
				024944	30.00	32.00	2.00
				024945	32.00	34.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-428
Grid System : ORIGINAL
Collar Eastings : 21509.300
Collar Northings : 19745.100
Collar Elevations : 965.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic intrusive. Biotite feldspar porphyrtic silicic intrusive rock. Biotite is partially to completely altered to white clay mineral. Moderately to pervasively oxidized.	024946	2.00	4.00	2.00
				024947	4.00	6.00	2.00
				024948	6.00	8.00	2.00
				024949	8.00	10.00	2.00
10.00	16.00	QFP	Biotite feldspar porphyritic siliceous intrusive rock. Rare quartz phenocrysts. Biotite is altered to white clay mineral. Disseminated sulphides throughout. NOTE: 14-16 m, contains 15-20% fresh intrusive (see below).	024950	10.00	12.00	2.00
				024951	12.00	14.00	2.00
				024952	14.00	16.00	2.00
16.00	22.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock with approximately 5% biotite and 10-15% fine grained plagioclase in a dark grey glassy matrix.	024953	16.00	18.00	2.00
				024954	18.00	20.00	2.00
				024955	20.00	22.00	2.00
21.20	22.00	ARG	Black graphitic argillite cut by stockwork and with abundant disseminated sulphides.				
22.00	34.00	ARG	Black graphitic argillite with very finely disseminated sulphides.	024956	22.00	24.00	2.00
				024957	24.00	26.00	2.00
				024958	26.00	28.00	2.00
				024959	28.00	30.00	2.00
				024960	30.00	32.00	2.00
				024961	32.00	34.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-429
Grid System : ORIGINAL
Collar Eastings : 21508.100
Collar Northings : 19693.100
Collar Elevations : 964.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	ARG	Black, siliceous argillite with minor soft grey siltstone.	024962	2.00	4.00	2.00
4.00	10.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral.	024963	4.00	6.00	2.00
				024964	6.00	8.00	2.00
				024965	8.00	10.00	2.00
10.00	14.00	QFP	Biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral.	024966	10.00	12.00	2.00
				024967	12.00	14.00	2.00
14.00	18.00	ARG	Black siliceous graphitic argillite with finely disseminated sulphides throughout.	024968	14.00	16.00	2.00
				024969	16.00	18.00	2.00
18.00	22.00	QFP	Biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral. Disseminated sulphides throughout.				
18.00	18.80	ARG	Graphitic argillite with finely disseminated sulphides throughout.	024970	18.00	20.00	2.00
				024971	20.00	22.00	2.00
21.20	22.00	ARG	Graphitic argillite with finely disseminated sulphides throughout.				
22.00	28.00	ARG	Black siliceous graphitic argillite with pyrite hairline stringers and disseminated pyrite.	024972	22.00	24.00	2.00
				024973	24.00	26.00	2.00
				024974	26.00	28.00	2.00
26.80	28.00	QFP	Quartz feldspar porphyry.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-430
Grid System : ORIGINAL
Collar Eastings : 21508.100
Collar Northings : 19662.700
Collar Elevations : 963.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic intrusive. Pervasively oxidized feldspar porphyritic siliceous intrusive rock.	024975	2.00	4.00	2.00
				024976	4.00	6.00	2.00
				024977	6.00	8.00	2.00
8.00	12.00	ARG	Black fissile argillite.	024978	8.00	10.00	2.00
				024979	10.00	12.00	2.00
12.00	22.00	INT	Limonitic intrusive. Weakly to pervasively oxidized biotite feldspar porphyry. Abundant quartz eyes. Biotite altered to white clay mineral. Finely disseminated sulphides throughout.	024980	12.00	14.00	2.00
				024981	14.00	16.00	2.00
				024982	16.00	18.00	2.00
				024983	18.00	20.00	2.00
				024984	20.00	22.00	2.00
21.20	22.00	ARG	Black siliceous argillite with finely disseminated sulphides.				
22.00	24.00	ARG	Black siliceous argillite with very finely disseminated sulphides throughout.	024985	22.00	24.00	2.00
24.00	26.00	QFP	White to light grey coloured fine grained quartz feldspar porphyry with 15-20% fine grained phenocrysts in an aphanitic glassy matrix. Finely disseminated sulphides throughout. Contains less than 5% argillite chips.	024986	24.00	26.00	2.00
26.00	66.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. Rare quartz eyes. Finely disseminated sulphides throughout. NOTE: Interval between 40 and 64 metres contains between 2 and 5% argillite chips with finely disseminated sulphides.	024987	26.00	28.00	2.00
				024988	28.00	30.00	2.00
				024989	30.00	32.00	2.00
				024990	32.00	34.00	2.00
				024991	34.00	36.00	2.00
				024992	36.00	38.00	2.00
				024993	38.00	40.00	2.00
				024994	40.00	42.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-430

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				024995	42.00	44.00	2.00
				024996	44.00	46.00	2.00
				024997	46.00	48.00	2.00
				024998	48.00	50.00	2.00
				024999	50.00	52.00	2.00
				025000	52.00	54.00	2.00
				028501	54.00	56.00	2.00
				028502	56.00	58.00	2.00
				028503	58.00	60.00	2.00
				028504	60.00	62.00	2.00
				028505	62.00	64.00	2.00
				028506	64.00	66.00	2.00
65.60	66.00	ARG	Black siliceous argillite with finely disseminated sulphides.				
66.00	70.00	ARG	Black, fissile graphitic argillite with finely disseminated sulphides throughout.	028507	66.00	68.00	2.00
				028508	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-431
Grid System : ORIGINAL
Collar Eastings : 22141.500
Collar Northings : 19969.400
Collar Elevations : 930.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	ARG	Black fissile, graphitic argillite.				
2.00	4.00		Brown to grey shale.	028509	2.00	4.00	2.00
				028510	4.00	6.00	2.00
6.00	8.00		50% grey shale, hematite on fracture surfaces.	028511	6.00	8.00	2.00
8.00	12.00		Siliceous argillite.	028512	8.00	10.00	2.00
				028513	10.00	12.00	2.00
12.00	14.00		Extremely clay-rich argillite.	028514	12.00	14.00	2.00
14.00	24.00		Silicified argillite.	028515	14.00	16.00	2.00
				028516	16.00	18.00	2.00
				028517	18.00	20.00	2.00
				028518	20.00	22.00	2.00
				028519	22.00	24.00	2.00
24.00	26.00		10% white quartz feldspar porpnyry with trace pyrite.	028520	24.00	26.00	2.00
				028521	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-432
Grid System : ORIGINAL
Collar Eastings : 22137.800
Collar Northings : 19935.000
Collar Elevations : 937.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	INT	Limonitic, siliceous intrusive with quartz eyes.	028522	2.00	4.00	2.00
				028523	4.00	6.00	2.00
			NOTE: 2-4 m, 10% fissile argillite, 1% of biotites still black.	028524	6.00	8.00	2.00
6.80	7.20	ARG	Black, siliceous argillite.	028525	8.00	10.00	2.00
				028526	10.00	12.00	2.00
				028527	12.00	14.00	2.00
12.50	13.50	ARG	Black, siliceous argillite.	028528	14.00	16.00	2.00
16.00	28.00	ARG	Black, siliceous, stockworked argillite.	028529	16.00	18.00	2.00
				028530	18.00	20.00	2.00
				028531	20.00	22.00	2.00
				028532	22.00	24.00	2.00
				028533	24.00	26.00	2.00
				028534	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-433
Grid System : ORIGINAL
Collar Eastings : 21997.900
Collar Northings : 19968.400
Collar Elevations : 983.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	26.00	INT	Limonitic, porphyritic, siliceous intrusive with biotites altered to white chlorite. Occasional quartz eyes. NOTE: 4-6 m, traces of pyrite replacement. NOTE: 20-24 m, 10% white, pyritic quatz feldspar porphyry. NOTE: 25-26 m, Black, fissile argillite.	028535	2.00	4.00	2.00
				028536	4.00	6.00	2.00
				028537	6.00	8.00	2.00
				028538	8.00	10.00	2.00
				028539	10.00	12.00	2.00
				028540	12.00	14.00	2.00
				028541	14.00	16.00	2.00
				028542	16.00	18.00	2.00
				028543	18.00	20.00	2.00
				028544	20.00	22.00	2.00
				028545	22.00	24.00	2.00
				028546	24.00	26.00	2.00
26.00	40.00	ARG	Black, siliceous argillite with 20-30% grey fissile shale.	028547	26.00	28.00	2.00
				028548	28.00	30.00	2.00
				028549	30.00	32.00	2.00
				028550	32.00	34.00	2.00
				028551	34.00	36.00	2.00
				028552	36.00	38.00	2.00
				028553	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-434
Grid System : ORIGINAL
Collar Eastings : 21999.300
Collar Northings : 19945.600
Collar Elevations : 982.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	INT	Limonitic intrusive. Pervasively oxidized siliceous intrusive rock.	028554	2.00	4.00	2.00
				028555	4.00	6.00	2.00
				028556	6.00	8.00	2.00
				028557	8.00	10.00	2.00
				028558	10.00	12.00	2.00
				028559	12.00	14.00	2.00
				028560	14.00	16.00	2.00
				028561	16.00	18.00	2.00
				028562	18.00	20.00	2.00
				028563	20.00	22.00	2.00
22.00	28.00	ARG	Black, siliceous argillite and grey phyllitic siltstone. Contains less than 5% limonitic intrusion chips.	028564	22.00	24.00	2.00
				028565	24.00	26.00	2.00
				028566	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-435
Grid System : ORIGINAL
Collar Eastings : 22098.400
Collar Northings : 19929.700
Collar Elevations : 950.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is partly altered to white clay mineral. Minor quartz eyes.	028567	2.00	4.00	2.00
				028568	4.00	6.00	2.00
				028569	6.00	8.00	2.00
				028570	8.00	10.00	2.00
				028571	10.00	12.00	2.00
				028572	12.00	14.00	2.00
				028573	14.00	16.00	2.00
				028574	16.00	18.00	2.00
				028575	18.00	20.00	2.00
				028576	20.00	22.00	2.00
22.00	28.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. Weakly to moderately oxidized.	028577	22.00	24.00	2.00
				028578	24.00	26.00	2.00
				028579	26.00	28.00	2.00
28.00	36.00	INT	Limonitic intrusive. Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is partly altered to white clay mineral. Minor quartz eyes.	028580	28.00	30.00	2.00
				028581	30.00	32.00	2.00
				028582	32.00	34.00	2.00
				028583	34.00	36.00	2.00
35.00	36.00	ARG	Black fissile argillite.				
36.00	40.00	ARG	Black fissile argillite and minor grey phyllitic siltstone	028584	36.00	38.00	2.00
				028585	38.00	40.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-436
Grid System : ORIGINAL
Collar Eastings : 21998.400
Collar Northings : 19922.100
Collar Elevations : 976.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	INT	Highly limonitic, siliceous, quartz-rich intrusive.	028586	2.00	4.00	2.00
				028587	4.00	6.00	2.00
			NOTE: 4-5.6 m, 40% white, siliceous, sulphide poor quartz feldspar porphyry.				
5.60	6.40	ARG	Black, siliceous, stockworked argillite.	028588	6.00	8.00	2.00
			NOTE: 6.4-8 m, stockworked, 5% grey chert or grey vein quartz.	028589	8.00	10.00	2.00
				028590	10.00	12.00	2.00
			NOTE: 16-16 m, 15% white, pyritic quartz feldspar porphyry.	028591	12.00	14.00	2.00
				028592	14.00	16.00	2.00
				028593	16.00	18.00	2.00
				028594	18.00	20.00	2.00
				028595	20.00	22.00	2.00
				028596	22.00	24.00	2.00
				028597	24.00	26.00	2.00
				028598	26.00	28.00	2.00
27.60	28.00	ARG	Black, siliceous argillite.				
28.00	34.00	ARG	Black, siliceous stockworked argillite with 15% grey shale.	028599	28.00	30.00	2.00
				028600	30.00	32.00	2.00
				028601	32.00	34.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-437
Grid System : ORIGINAL
Collar Eastings : 22639.500
Collar Northings : 19842.900
Collar Elevations : 885.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	8.00	ARG	Black siliceous argillite and minor soft grey phyllite.	028602	4.00	6.00	2.00
5.20	6.00	INT	Limonitic intrusive.	028603	6.00	8.00	2.00
8.00	20.00	SEDS	Greyish brown chert with minor black siliceous argillite.	028604	8.00	10.00	2.00
				028605	10.00	12.00	2.00
				028606	12.00	14.00	2.00
				028607	14.00	16.00	2.00
				028608	16.00	18.00	2.00
				028609	18.00	20.00	2.00
20.00	28.00	ARG	Black siliceous graphitic argillite.	028610	20.00	22.00	2.00
				028611	22.00	24.00	2.00
				028612	24.00	26.00	2.00
				028613	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-438
Grid System : ORIGINAL
Collar Eastings : 22642.700
Collar Northings : 19815.900
Collar Elevations : 874.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Limonitic intrusive. Pervasively altered siliceous intrusive rock. Minor quartz eyes. Feldspar porphyritic.	028614	2.00	4.00	2.00
				028615	4.00	6.00	2.00
6.00	10.00	ARG	Black siliceous argillite.				
6.00	7.00	INT	Limonitic intrusive.	028616	6.00	8.00	2.00
				028617	8.00	10.00	2.00
10.00	22.00	INT	Limonitic intrusive. Pervasively altered siliceous intrusive rock. Minor quartz eyes. Feldspar porphyritic.	028618	10.00	12.00	2.00
				028619	12.00	14.00	2.00
				028620	14.00	16.00	2.00
				028621	16.00	18.00	2.00
				028622	18.00	20.00	2.00
				028623	20.00	22.00	2.00
22.00	32.00	ARG	Black, fissile graphitic argillite.	028624	22.00	24.00	2.00
				028625	24.00	26.00	2.00
25.80	30.20	INT	Limonitic intrusive.	028626	26.00	28.00	2.00
				028627	28.00	30.00	2.00
				028628	30.00	32.00	2.00
32.00	38.00	INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Minor quartz eyes. Biotite is altered to white clay mineral. Contains less than 5% argillite chips.	028629	32.00	34.00	2.00
				028630	34.00	36.00	2.00
				028631	36.00	38.00	2.00
38.00	46.00	ARG	Black siliceous graphitic argillite.				
38.00	38.30	INT	Limonitic intrusive.	028632	38.00	40.00	2.00
				028633	40.00	42.00	2.00
				028634	42.00	44.00	2.00
				028635	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-439
Grid System : ORIGINAL
Collar Eastings : 22643.600
Collar Northings : 19792.900
Collar Elevations : 863.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled				
4.00	6.00	ARG	Black, siliceous argillite.	028636	4.00	6.00	2.00
6.00	26.00	INT	Limonitic intrusive. Weakly to moderately oxidized fledspar porphyritic siliceous intrusive rock. Minor quartz eyes. Biotite altered to white clay mineral. Disseminated pyrite visible in last 4 m of interval where oxidation is weakest.	028637	6.00	8.00	2.00
				028638	8.00	10.00	2.00
				028639	10.00	12.00	2.00
				028640	12.00	14.00	2.00
				028641	14.00	16.00	2.00
				028642	16.00	18.00	2.00
				028643	18.00	20.00	2.00
				028644	20.00	22.00	2.00
				028645	22.00	24.00	2.00
				028646	24.00	26.00	2.00
26.00	32.00	ARG	Black, siliceous graphitic argillite with disseminated sulphides throughout.	028647	26.00	28.00	2.00
				028648	28.00	30.00	2.00
				028649	30.00	32.00	2.00
32.00	34.00	QFP	Quartz feldspar porphyry with disseminated sulphides throughout.	028650	32.00	34.00	2.00
33.90	34.00	ARG	Graphitic argillite .				
34.00	40.00	ARG	Black, siliceous graphitic argillite with disseminated sulphides throughout.	028651	34.00	36.00	2.00
				028652	36.00	38.00	2.00
				028653	38.00	40.00	2.00
40.00	46.00	QFP	White to light grey quartz feldspar porphyry with finely disseminated sulphides throughout.				
40.00	40.10	ARG	Graphitic argillite.	028654	40.00	42.00	2.00
				028655	42.00	44.00	2.00
				028656	44.00	46.00	2.00
45.80	46.00	ARG	Graphitic argillite.				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-439

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
46.00	52.00	ARG	Black siliceous graphitic argillite with finely disseminated sulphides throughout.	028657	46.00	48.00	2.00
				028658	48.00	50.00	2.00
				028659	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-440
Grid System : ORIGINAL
Collar Eastings : 22695.800
Collar Northings : 19760.900
Collar Elevations : 865.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Limonitic intrusive. Pervasively oxidized plagioclase porphyritic siliceous intrusive rock. Minor quartz eyes.				
2.00	2.30	ARG	Black graphitic argillite.	028660	2.00	4.00	2.00
				028661	4.00	6.00	2.00
6.00	24.00	ARG	Black fissile argillite and minor phyllitic siltstone.	028662	6.00	8.00	2.00
				028663	8.00	10.00	2.00
				028664	10.00	12.00	2.00
				028665	12.00	14.00	2.00
				028666	14.00	16.00	2.00
				028667	16.00	18.00	2.00
				028668	18.00	20.00	2.00
				028669	20.00	22.00	2.00
				028670	22.00	24.00	2.00
24.00	32.00	QFP	White to grey quartz feldspar porphyritic siliceous intrusive rock containing 15-20% predominantly feldspar crystals in a glassy, aphanitic matrix. Minor biotite altered to white clay mineral.	028671	24.00	26.00	2.00
				028672	26.00	28.00	2.00
				028673	28.00	30.00	2.00
				028674	30.00	32.00	2.00
32.00	34.00	ARG	Black, fissile argillite with finely disseminated sulphides.	028675	32.00	34.00	2.00
34.00	74.00	QFP	White to grey quartz fledspar porphyritic siliceous intrusive rock containing 15-20% predominantly feldspar cyrstals in a glassy matrix. Minor biotite altered to white caly mineral. Contains finely disseminated sulphides throughout, including pyrite and probably arsenopyrite. NOTE: 60-62 m, interval contains minor	028676	34.00	36.00	2.00
				028677	36.00	38.00	2.00
				028678	38.00	40.00	2.00
				028679	40.00	42.00	2.00
				028680	42.00	44.00	2.00
				028681	44.00	46.00	2.00
				028682	46.00	48.00	2.00
				028683	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE NO. : BCRC 91-440

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			massive stibnite in quartz stockwork Weakly oxidized.	028684	50.00	52.00	2.00
				028685	52.00	54.00	2.00
				028686	54.00	56.00	2.00
				028687	56.00	58.00	2.00
				028688	58.00	60.00	2.00
				028689	60.00	62.00	2.00
				028690	62.00	64.00	2.00
				028691	64.00	66.00	2.00
				028692	66.00	68.00	2.00
				028693	68.00	70.00	2.00
				028694	70.00	72.00	2.00
				028695	72.00	74.00	2.00
73.60	74.00	ARG	Black siliceous graphitic argillite with disseminated sulphides throughout.				
74.00	76.00	ARG	Black siliceous graphitic argillite with finely disseminated sulphides throughout. Quartz stockwork with associated massive pyrite.	028696	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-441
Grid System : ORIGINAL
Collar Eastings : 22751.300
Collar Northings : 19784.200
Collar Elevations : 873.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Orange to red limonitic, siliceous intrusive with occasional quartz eyes.	028697	2.00	4.00	2.00
				028698	4.00	6.00	2.00
				028699	6.00	8.00	2.00
				028700	8.00	10.00	2.00
10.00	14.00	ARG	Black, fissile, graphitic, stockworked argillite with 20% greyish brown shale.	028701	10.00	12.00	2.00
				028702	12.00	14.00	2.00
14.00	18.00	INT	Limonitic, crumbly intrusive. Few chips recovered from powder.	028703	14.00	16.00	2.00
				028704	16.00	18.00	2.00
18.00	36.00	QFP	White to grey pyritic quartz feldspar porphyry with quartz eyes. NOTE: 18-26 m, 40-50% limonitic intrusive.	028705	18.00	20.00	2.00
				028706	20.00	22.00	2.00
				028707	22.00	24.00	2.00
				028708	24.00	26.00	2.00
				028709	26.00	28.00	2.00
				028710	28.00	30.00	2.00
				028711	30.00	32.00	2.00
				028712	32.00	34.00	2.00
				028713	34.00	36.00	2.00
36.00	40.00	ARG	Black, fissile, graphitic, stockworked argillite with finely disseminated pyrite.	028714	36.00	38.00	2.00
				028715	38.00	40.00	2.00
40.00	70.00	QFP	White to grey pyritic quartz feldspar porphyry. NOTE: 66-68 m, 10% of quartz feldspar porphyry replaced by pyrite. Some grey vein quartz?	028716	40.00	42.00	2.00
				028717	42.00	44.00	2.00
				028718	44.00	46.00	2.00
				028719	46.00	48.00	2.00
				028720	48.00	50.00	2.00
				028721	50.00	52.00	2.00
				028722	52.00	54.00	2.00
				028723	54.00	56.00	2.00
				028724	56.00	58.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCBC 91-441

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
				028725	58.00	60.00	2.00
				028726	60.00	62.00	2.00
				028727	62.00	64.00	2.00
				028728	64.00	66.00	2.00
				028729	66.00	68.00	2.00
				028730	68.00	70.00	2.00
70.00	76.00	ARG	Black, graphitic, fissile, stockworked, pyritic argillite.	028731	70.00	72.00	2.00
				028732	72.00	74.00	2.00
				028733	74.00	76.00	2.00

BORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-442
Grid System : ORIGINAL
Collar Eastings : 22791.200
Collar Northings : 19799.700
Collar Elevations : 872.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 94.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	ARG	Black, fissile argillite.	028734	2.00	4.00	2.00
			NOTE: 2-8 m, 50% grey shale.	028735	4.00	6.00	2.00
			NOTE: 8-22 m, graphitic argillite with 40% grey shale.	028736	6.00	8.00	2.00
				028737	8.00	10.00	2.00
				028738	10.00	12.00	2.00
				028739	12.00	14.00	2.00
				028740	14.00	16.00	2.00
				028741	16.00	18.00	2.00
				028742	18.00	20.00	2.00
				028743	20.00	22.00	2.00
22.00	30.00	INT	Limonitic, siliceous, quartz eye rich intrusive with abundant pyrite replacement.				
22.00	22.50	ARG	Black, graphitic, siliceous stockworked argillite.	028744	22.00	24.00	2.00
				028745	24.00	26.00	2.00
				028746	26.00	28.00	2.00
				028747	28.00	30.00	2.00
30.00	84.00	QFP	Grey, pyritic, quartz phenocryst rich quartz feldspar porphyry.	028748	30.00	32.00	2.00
				028749	32.00	34.00	2.00
			NOTE: 30-32 m, 10% limonitic quartz feldspar porphyry, traces of apple green alteration.	028750	34.00	36.00	2.00
				028751	36.00	38.00	2.00
				028752	38.00	40.00	2.00
			NOTE: 38-44 m, greenish grey pyritic quartz feldspar porphyry.	028753	40.00	42.00	2.00
				028754	42.00	44.00	2.00
			NOTE: 78-82 m, white, sulphide poor quartz feldspar porphyry.	028755	44.00	46.00	2.00
				028756	46.00	48.00	2.00
				028757	48.00	50.00	2.00
				028758	50.00	52.00	2.00
				028759	52.00	54.00	2.00
				028760	54.00	56.00	2.00
				028761	56.00	58.00	2.00
				028762	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-442

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				028763	60.00	62.00	2.00
				028764	62.00	64.00	2.00
				028765	64.00	66.00	2.00
				028766	66.00	68.00	2.00
				028767	68.00	70.00	2.00
				028768	70.00	72.00	2.00
				028769	72.00	74.00	2.00
				028770	74.00	76.00	2.00
				028771	76.00	78.00	2.00
				028772	78.00	80.00	2.00
				028773	80.00	82.00	2.00
				028774	82.00	84.00	2.00
83.00	84.00	ARG	Black, siliceous, graphitic, pyritic, stockworked argillite.				
84.00	94.00	ARG	Black, siliceous, graphitic, pyritic stockworked argillite.	028775	84.00	86.00	2.00
				028776	86.00	88.00	2.00
				028777	88.00	90.00	2.00
				028778	90.00	92.00	2.00
				028779	92.00	94.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-443
Grid System : ORIGINAL
Collar Eastings : 22642.400
Collar Northings : 19763.000
Collar Elevations : 852.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 90.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	ARG	Black, siliceous, graphitic, stockworked argillite.	028780	2.00	4.00	2.00
				028781	4.00	6.00	2.00
				028782	6.00	8.00	2.00
8.00	40.00	INT	Limonitic, siliceous, porphyritic intrusive with occasional quartz eyes.				
8.00	9.00	ARG	Black, siliceous, graphitic , stockworked argillite.	028783	8.00	10.00	2.00
				028784	10.00	12.00	2.00
			NOTE: 12-16 m, 5-10% unoxidized quartz feldspar porphyry, pyritic intrusive and quartz feldspar porphyry.	028785	12.00	14.00	2.00
				028786	14.00	16.00	2.00
				028787	16.00	18.00	2.00
			NOTE: 16-18 m, 50% grey pyritic, porphyritic quartz feldspar porphyry.	028788	18.00	20.00	2.00
				028789	20.00	22.00	2.00
			NOTE: 18-20 m, Reddish, pyritic intrusive.	028790	22.00	24.00	2.00
			NOTE: 20-22 m, 10% grey quartz feldspar porphyry, 10% pyritic argillite.	028791	24.00	26.00	2.00
				028792	26.00	28.00	2.00
			NOTE: 22-26 m, 40% pyritic grey quartz feldspar porphyry.	028793	28.00	30.00	2.00
				028794	30.00	32.00	2.00
			NOTE: 26-30 m, weakly limonitic, pyritic intrusive.	028795	32.00	34.00	2.00
				028796	34.00	36.00	2.00
			NOTE: 30-34 m, weakly limonitic intrusive with 3% grey aphanitic vein of quartz or chert?	028797	36.00	38.00	2.00
				028798	38.00	40.00	2.00
40.00	48.00	QFP	Grey, pyritic, porphyritic quartz feldspar porphyry with occasional quartz eyes.	028799	40.00	42.00	2.00
40.50	41.50	ARG	Black, siliceous, graphitic, pyritic argillite.	028800	42.00	44.00	2.00
				028801	44.00	46.00	2.00
			NOTE: 46-48 m, 2% of biotites are still black.	028802	46.00	48.00	2.00
48.00	50.00	ARG	Black, graphitic, pyritic, fissile, stockworked argillite.	028803	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-443

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
50.00	68.00	QFP	Grey pyritic quartz feldspar porphyry with abundant white weathered biotites.	028804	50.00	52.00	2.00
				028805	52.00	54.00	2.00
				028806	54.00	56.00	2.00
				028807	56.00	58.00	2.00
				028808	58.00	60.00	2.00
				028809	60.00	62.00	2.00
				028810	62.00	64.00	2.00
				028811	64.00	66.00	2.00
				028812	66.00	68.00	2.00
67.00	68.00	ARG	Black, graphitic, pyritic, fissile stock-worked argillite.				
68.00	70.00	ARG	Black, graphitic, pyritic, fissile stock-worked argillite.	028813	68.00	70.00	2.00
70.00	88.00	QFP	White to grey, pyritic quartz feldspar porphyry.	028814	70.00	72.00	2.00
				028815	72.00	74.00	2.00
				028816	74.00	76.00	2.00
				028817	76.00	78.00	2.00
				028818	78.00	80.00	2.00
				028819	80.00	82.00	2.00
				028820	82.00	84.00	2.00
				028821	84.00	86.00	2.00
				028822	86.00	88.00	2.00
88.00	90.00	ARG	Black, graphitic, fissile, pyritic, stock-worked argillite.	028823	88.00	90.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-444
Grid System : ORIGINAL
Collar Eastings : 22643.500
Collar Northings : 19734.500
Collar Elevations : 848.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 88.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	ARG	Black, fissile, graphitic, pyritic, stock-worked argillite.				
2.00	3.00	INT	Limontic, siliceous intrusive.	028824	2.00	4.00	2.00
				028825	4.00	6.00	2.00
				028826	6.00	8.00	2.00
				028827	8.00	10.00	2.00
				028828	10.00	12.00	2.00
				028829	12.00	14.00	2.00
				028830	14.00	16.00	2.00
16.00	54.00	INT	Limonitic, silicceous intrusive with ocas-ional quartz eyes.	028831	16.00	18.00	2.00
				028832	18.00	20.00	2.00
			NOTE: 16-20 m, 40-50% slightly oxidized	028833	20.00	22.00	2.00
			fresh intrusive.	028834	22.00	24.00	2.00
22.50	23.50	ARG	Black, siliceous, graphitic, stockworked	028835	24.00	26.00	2.00
			argillite.	028836	26.00	28.00	2.00
			NOTE: 26-28 m, 30% grey, pyritic quartz	028837	28.00	30.00	2.00
			feldspar porphyry.	028838	30.00	32.00	2.00
			NOTE: 28-36 m, weakly limonitic, pyritic	028839	32.00	34.00	2.00
			intrusive.	028840	34.00	36.00	2.00
			NOTE: 36-40 m, 90% grey quartz feldspar	028841	36.00	38.00	2.00
			porphyry with 10% of biotites still	028842	38.00	40.00	2.00
			black.	028843	40.00	42.00	2.00
			NOTE: 40-52 m, weakly limonitic, weakly	028844	42.00	44.00	2.00
			pyritic intrusive, 10-15% grey	028845	44.00	46.00	2.00
			quartz feldspar porphyry occasional	028846	46.00	48.00	2.00
			grey apnanitic vein quartz.	028847	48.00	50.00	2.00
				028848	50.00	52.00	2.00
				028849	52.00	54.00	2.00
53.00	54.00	ARG	Black, graphitic, pyritic, argillite.				
54.00	60.00	ARG	Black, graphitic, pyritic, stockworked	028850	54.00	56.00	2.00
			argillite.	028851	56.00	58.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-444

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				028852	58.00	60.00	2.00
60.00	80.00	QFP	White to grey quartz feldspar porphyry with finely disseminated pyrite.	028853	60.00	62.00	2.00
				028854	62.00	64.00	2.00
				028855	64.00	66.00	2.00
				028856	66.00	68.00	2.00
				028857	68.00	70.00	2.00
				028858	70.00	72.00	2.00
				028859	72.00	74.00	2.00
				028860	74.00	76.00	2.00
				028861	76.00	78.00	2.00
				028862	78.00	80.00	2.00
79.10	80.00	ARG	Black, graphitic, pyritic, stockworked argillite.				
80.00	88.00	ARG	Black, fissile, graphitic, pyritic, stock-worked argillite.	028863	80.00	82.00	2.00
				028864	82.00	84.00	2.00
				028865	84.00	86.00	2.00
				028866	86.00	88.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-445
Grid System : ORIGINAL
Collar Eastings : 22886.400
Collar Northings : 19813.700
Collar Elevations : 841.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 86.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	44.00	INT	Limontic intrusive. Pervasively oxidized siliceous intrusive rock. Minor quartz eyes. Biotite altered to white clay mineral. NOTE: Interval between 30-40 m contains between 2% and 35% unoxidized quartz feldspar porphyry with very finely disseminated sulphides.	028867	2.00	4.00	2.00
				028868	4.00	6.00	2.00
				028869	6.00	8.00	2.00
				028870	8.00	10.00	2.00
				028871	10.00	12.00	2.00
				028872	12.00	14.00	2.00
				028873	14.00	16.00	2.00
				028874	16.00	18.00	2.00
				028875	18.00	20.00	2.00
				028876	20.00	22.00	2.00
				028877	22.00	24.00	2.00
				028878	24.00	26.00	2.00
				028879	26.00	28.00	2.00
				028880	28.00	30.00	2.00
				028881	30.00	32.00	2.00
				028882	32.00	34.00	2.00
				028883	34.00	36.00	2.00
				028884	36.00	38.00	2.00
				028885	38.00	40.00	2.00
40.00	42.00	QFP	Weakly oxidized quartz feldspar porphyry with very finely disseminated sulphides (mainly pyrite).	028886	40.00	42.00	2.00
				028887	42.00	44.00	2.00
43.80	44.00	ARG	Black fissile argillite.				
44.00	46.00	ARG	Black, fissile graphitic argillite and minor soft grey phyllite. Minor stockwork and disseminated sulphides.	028888	44.00	46.00	2.00
46.00	48.00	INT	Pervasively oxidized siliceous intrusive rock.	028889	46.00	48.00	2.00
47.90	48.00	ARG	Black, fissile argillite.				
48.00	76.00	QFP	White to light grey coloured, fine grained	028890	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-445

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			quartz feldspar porphyry. Very finely	028891	50.00	52.00	2.00
			disseminated sulphides throughout.	028892	52.00	54.00	2.00
			NOTE: Interval between 70-72 m contains	028893	54.00	56.00	2.00
			less than 5% argillite chips.	028894	56.00	58.00	2.00
				028895	58.00	60.00	2.00
				028896	60.00	62.00	2.00
				028897	62.00	64.00	2.00
				028898	64.00	66.00	2.00
				028899	66.00	68.00	2.00
				028900	68.00	70.00	2.00
				028901	70.00	72.00	2.00
				028902	72.00	74.00	2.00
				028903	74.00	76.00	2.00
76.00	86.00	ARG	Black, fissile graphitic argillite with	028904	76.00	78.00	2.00
			minor grey phyllite. Very finely dissemin-	028905	78.00	80.00	2.00
			ated sulphides throughout.	028906	80.00	82.00	2.00
				028907	82.00	84.00	2.00
				028908	84.00	86.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-446
Grid System : ORIGINAL
Collar Eastings : 22889.200
Collar Northings : 19945.900
Collar Elevations : 839.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 48.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	12.00	Casing	Casing				
2.00	12.00		No sample.				
12.00	16.00	SEDS	Grey brown clay, few competent fragments.	028909	12.00	14.00	2.00
				028910	14.00	16.00	2.00
16.00	48.00	ARG	Black, fissile, stockworked, graphitic	028911	16.00	18.00	2.00
			argillite with traces of finely dissem-	028912	18.00	20.00	2.00
			inated pyrite.	028913	20.00	22.00	2.00
			NOTE: 16-26 m, 50% grey, soft, pyritic	028914	22.00	24.00	2.00
			shale.	028915	24.00	26.00	2.00
			NOTE: 22-24 m, traces of yellowish green	028916	26.00	28.00	2.00
			alteration often associated with	028917	28.00	30.00	2.00
			stibnite.	028918	30.00	32.00	2.00
			NOTE: 26-30 m, occasional almost complete	028919	32.00	34.00	2.00
			replacement of argillite chip by	028920	34.00	36.00	2.00
			pyrite.	028921	36.00	38.00	2.00
			NOTE: 32-34 m, 30% white, sulphide poor	028922	38.00	40.00	2.00
			quartz feldspar porphyry.	028923	40.00	42.00	2.00
			NOTE: 34-36 m, 10% white, sulphide poor	028924	42.00	44.00	2.00
			quartz feldspar porphyry.	028925	44.00	46.00	2.00
				028926	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-447
Grid System : ORIGINAL
Collar Eastings : 22931.700
Collar Northings : 19952.900
Collar Elevations : 824.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	18.00	Casing	Casing				
2.00	16.00		No sample.				
18.00	40.00	ARG	Black, fissile, unoxidized, graphitic argillite	028927	18.00	20.00	2.00
				028928	20.00	22.00	2.00
			NOTE: 28-40 m, partial replacement of argillite with finely disseminated pyrite.	028929	22.00	24.00	2.00
				028930	24.00	26.00	2.00
				028931	26.00	28.00	2.00
				028932	28.00	30.00	2.00
				028933	30.00	32.00	2.00
				028934	32.00	34.00	2.00
				028935	34.00	36.00	2.00
				028936	36.00	38.00	2.00
				028937	38.00	40.00	2.00

HORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-448
Grid System : ORIGINAL
Collar Eastings : 22929.300
Collar Northings : 19927.300
Collar Elevations : 823.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic, siliceous, quartz eye rich intrusive	028938	2.00	4.00	2.00
3.00	5.00	ARG	Black, fissile argillite with 40% soft clay.	028939	4.00	6.00	2.00
				028940	6.00	8.00	2.00
				028941	8.00	10.00	2.00
9.00	10.00	ARG	Black, fissile argillite with 40% soft clay.				
10.00	40.00	ARG	Black, fissile, graphitic argillite with minor disseminated pyrite. NOTE: 10-12 m, 10% limonitic intrusive.	028942	10.00	12.00	2.00
				028943	12.00	14.00	2.00
12.60	13.40	QFP	White, slightly oxidized sulphide poor quartz feldspar porphyry.	028944	14.00	16.00	2.00
				028945	16.00	18.00	2.00
				028946	18.00	20.00	2.00
				028947	20.00	22.00	2.00
				028948	22.00	24.00	2.00
				028949	24.00	26.00	2.00
				028950	26.00	28.00	2.00
				028951	28.00	30.00	2.00
				028952	30.00	32.00	2.00
				028953	32.00	34.00	2.00
				028954	34.00	36.00	2.00
				028955	36.00	38.00	2.00
				028956	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-449
Grid System : ORIGINAL
Collar Eastings : 22929.700
Collar Northings : 19902.900
Collar Elevations : 823.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes. NOTE: 2-4 m, 10% siliceous argillite. NOTE: 6-8 m, highly stockworked intrusive occasional chips of subhedral quartz crystals. NOTE: 12-14 m, 50% grey aphanitic quartz with fine stockwork. Vein quartz or chert?	028957 028958 028959 028960 028961 028962	2.00 4.00 6.00 8.00 10.00 12.00	4.00 6.00 8.00 10.00 12.00 14.00	2.00 2.00 2.00 2.00 2.00 2.00
14.00	16.00	SEDS	Grey aphanitic quartz 5% limonitic intrusive.	028963	14.00	16.00	2.00
16.00	20.00	ARG	Black, fissile argillite with traces of kermesite and minor disseminated pyrite. NOTE: 16-18 m, 40% grey to tan chert.	028964 028965	16.00 18.00	18.00 20.00	2.00 2.00
20.00	22.00	INT	Limonitic, siliceous, sericite rich intrusive with minor pyrite.	028966	20.00	22.00	2.00
22.00	28.00	ARG	Black, fissile, graphitic agrillite with kermesite traces. 30-50% limonitic, siliceous, sericite rich intrusive with minor pyrite. NOTE: 26-28 m, 10% of biotites in intrusive still black.	028967 028968 028969	22.00 24.00 26.00	24.00 26.00 28.00	2.00 2.00 2.00
28.00	34.00	QFP	Greenish grey unoxidized intrusive with 80-90% of black biotites altered to white chlorite or pyrite. NOTE: 30-34 m, 30% black fissile argillite	028970 028971 028972	28.00 30.00 32.00	30.00 32.00 34.00	2.00 2.00 2.00
34.00	46.00	ARG	Black, fissile, stockworked argillite with	028973	34.00	36.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-449

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			abundant finely disseminated pyrite. Graphitic.	028974	36.00	38.00	2.00
				028975	38.00	40.00	2.00
				028976	40.00	42.00	2.00
				028977	42.00	44.00	2.00
				028978	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-450
Grid System : ORIGINAL
Collar Eastings : 22930.100
Collar Northings : 19874.100
Collar Elevations : 821.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	INT	Orange to red limontic siliceous intrusive with occasional quartz eyes.	028979	2.00	4.00	2.00
				028980	4.00	6.00	2.00
			NOTE: 2-4 m, intensely stockworked with disseminated to massive stibnite in veins.	028981	6.00	8.00	2.00
				028982	8.00	10.00	2.00
				028983	10.00	12.00	2.00
			NOTE: 4-6 m, traces of massive stibnite.	028984	12.00	14.00	2.00
			NOTE: 6-8 m, 1% disseminated pyrite. 5% black siliceous argillite and grey chert.	028985	14.00	16.00	2.00
				028986	16.00	18.00	2.00
				028987	18.00	20.00	2.00
			NOTE: 8-10 m, 15% unoxidized, pyritic quartz feldspar porphyry.	028988	20.00	22.00	2.00
				028989	22.00	24.00	2.00
			NOTE: 18-20 m, 10% unoxidized, pyritic quartz feldspar porphyry.	028990	24.00	26.00	2.00
				028991	26.00	28.00	2.00
			NOTE: 20-22 m, 10% black siliceous argillite and grey chert.				
			NOTE: 22-28 m, orange to red, pyritic intrusive. Stockworked with traces of stibnite and 3% kermesite.				
28.00	40.00	ARG	Black, fissile to siliceous, graphitic argillite with minor disseminated pyrite.	028992	28.00	30.00	2.00
				028993	30.00	32.00	2.00
			NOTE: 28-30 m, 25% limonitic intrusive and 25% unoxidized quartz feldspar porphyry.	028994	32.00	34.00	2.00
				028995	34.00	36.00	2.00
				028996	36.00	38.00	2.00
			NOTE: 38-40 m, 3% limonitic intrusive.	028997	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-451
Grid System : ORIGINAL
Collar Eastings : 22927.900
Collar Northings : 19849.500
Collar Elevations : 821.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	30.00	INT	Limonitic, siliceous intrusive.	028998	2.00	4.00	2.00
			NOTE: 2-6 m, reddish, stockworked intrusive.	028999	4.00	6.00	2.00
				029000	6.00	8.00	2.00
			NOTE: 6-10 m, minor disseminated, pyrite.	029001	8.00	10.00	2.00
			NOTE: 10-12 m, 40% unoxidized, pyritic quartz feldspar porphyry.	029002	10.00	12.00	2.00
				029003	12.00	14.00	2.00
			NOTE: 18-24 m, 5-10% unoxidized, pyritic quartz feldspar porphyry.	029004	14.00	16.00	2.00
				029005	16.00	18.00	2.00
			NOTE: 18-26 m, intrusive very pyritic and hematitic.	029006	18.00	20.00	2.00
				029007	20.00	22.00	2.00
			NOTE: 24-26 m, traes of euhedral quartz crystals.	029008	22.00	24.00	2.00
				029009	24.00	26.00	2.00
				029010	26.00	28.00	2.00
				029011	28.00	30.00	2.00
30.00	44.00	QFP	White to grey pyritic quartz feldspar porphyry.	029012	30.00	32.00	2.00
				029013	32.00	34.00	2.00
			NOTE: 30-34 m, slightly limonitic quartz feldspar porphyry.				
33.80	34.22	ARG	Black, siliceous graphitic argillite.	029014	34.00	36.00	2.00
			NOTE: 40-44 m, very quartz eye rich quartz feldspar porphyry. Potassium feldspars fairly fresh.	029015	36.00	38.00	2.00
				029016	38.00	40.00	2.00
				029017	40.00	42.00	2.00
				029018	42.00	44.00	2.00
44.00	52.00	ARG	Black, fissile, graphitic, stockworked argillite with finely disseminated pyrite.	029019	44.00	46.00	2.00
				029020	46.00	48.00	2.00
			NOTE: 50-52 m, 5% limonitic intrusive.	029021	48.00	50.00	2.00
				029022	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-452
Grid System : ORIGINAL
Collar Eastings : 22925.900
Collar Northings : 19818.900
Collar Elevations : 820.400
Collar Bearing : 999.99
Grid Baseline : 66.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	CASING	Casing.				
2.00	4.00		Not sampled				
4.00	34.00	INT	Pervasively oxidized limonitic, siliceous intrusive. All primary textures obscured by limonite. Occasional quartz eyes in lower part of interval	029023	4.00	6.00	2.00
				029024	6.00	8.00	2.00
				029025	8.00	10.00	2.00
				029026	10.00	12.00	2.00
			NOTE: at 16-16m; Minor kermesite.	029027	12.00	14.00	2.00
			NOTE: at 18-22m; <5%-10% Quartz feldspar and 30-34m; porphyry with finely disseminated pyrite and arsenopyrite (?).	029028	14.00	16.00	2.00
				029029	16.00	18.00	2.00
				029030	18.00	20.00	2.00
				029031	20.00	22.00	2.00
				029032	22.00	24.00	2.00
				029033	24.00	26.00	2.00
				029034	26.00	28.00	2.00
				029035	28.00	30.00	2.00
				029036	30.00	32.00	2.00
				029037	32.00	34.00	2.00
34.00	46.00	QFP	Light to dark grey coloured biotite, feldspar, highly siliceous porphyritic intrusive. Feldspars are pervasively sericitized and biotite altered to white clay mineral. Finely disseminated pyrite and arsenophyrite (?) throughout.	029038	34.00	36.00	2.00
				029039	36.00	38.00	2.00
				029040	38.00	40.00	2.00
				029041	40.00	42.00	2.00
				029042	42.00	44.00	2.00
				029043	44.00	46.00	2.00
46.00	56.00	F*INT	Medium to dark grey biotitic, siliceous feldspar porphyry.	029044	46.00	48.00	2.00
				029045	48.00	50.00	2.00
			NOTE: at 54-56m; Intrusive rock is pervasively altered.	029046	50.00	52.00	2.00
				029047	52.00	54.00	2.00
52.80	54.80	SEDS	Grey chert.	029048	54.00	56.00	2.00
56.00	64.00	ARG	Black, fissile, graphitic argillite with very finely disseminated pyrite.				
56.00	58.00		Interval contains 30% grey phyllitic	029049	56.00	58.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-452

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			siltstone.	029050	58.00	60.00	2.00
				029051	60.00	62.00	2.00
				029052	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREMERY CREEK
HOLE No. : BCRC 91-453
Grid System : ORIGINAL
Collar Eastings : 18365.500
Collar Northings : 20186.900
Collar Elevations : 806.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	46.00	SEDS	Light to dark grey coloured very fine-grained greywacke and sandstone. Minor argillite and phyllitic shale. Limonite on fracture surfaces. Hairline pyrite stringers throughout.	029053	2.00	4.00	2.00
				029054	4.00	6.00	2.00
				029055	6.00	8.00	2.00
				029056	8.00	10.00	2.00
				029057	10.00	12.00	2.00
				029058	12.00	14.00	2.00
				029059	14.00	16.00	2.00
				029060	16.00	18.00	2.00
				029061	18.00	20.00	2.00
				029062	20.00	22.00	2.00
				029063	22.00	24.00	2.00
				029064	24.00	26.00	2.00
				029065	26.00	28.00	2.00
				029066	28.00	30.00	2.00
				029067	30.00	32.00	2.00
				029068	32.00	34.00	2.00
				029069	34.00	36.00	2.00
36.00	46.00		Interval contains abundant disseminated pyrite replacing sedimentary rocks.	029070	36.00	38.00	2.00
				029071	38.00	40.00	2.00
				029072	40.00	42.00	2.00
				029073	42.00	44.00	2.00
				029074	44.00	46.00	2.00
46.00	58.00	ARG	Black, fissile, graphitic argillite with minor greywacke. NOTE: at 46-50m; Abundant disseminated pyrite replacing sedimentary rocks.				
46.00	48.00	SB	Finely disseminated to massive stibnite.	029075	46.00	48.00	2.00
				029076	48.00	50.00	2.00
				029077	50.00	52.00	2.00
				029078	52.00	54.00	2.00
				029079	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-453

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				029080	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-454
Grid System : ORIGINAL
Collar Eastings : 18416.900
Collar Northings : 20208.900
Collar Elevations : 804.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 56.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	10.00	SEDS	Limonitic greywacke and black fine grained sandstone. Stockworked locally. Quartz flooded.	029081	2.00	4.00	2.00
				029082	4.00	6.00	2.00
				029083	6.00	8.00	2.00
				029084	8.00	10.00	2.00
10.00	18.00	INT	Limonitic, siliceous, porphyritic intrusive.	029085	10.00	12.00	2.00
				029086	12.00	14.00	2.00
14.00	18.00		40% White, suphide poor quartz feldspar porphyry.	029087	14.00	16.00	2.00
				029088	16.00	18.00	2.00
18.00	32.00	ARG	Black, siliceous to fissile, stockworked argillite.				
18.00	20.00		Highly stockworked, quartz flooded argillite and/or black sandstone.	029089	18.00	20.00	2.00
				029090	20.00	22.00	2.00
			NOTE: 24-32m, Finely disseminated pyrite.	029091	22.00	24.00	2.00
24.00	26.00		1% Massive stibnite.	029092	24.00	26.00	2.00
26.00	28.00		5% Massive stibnite.	029093	26.00	28.00	2.00
28.00	30.00		1% Massive stibnite.	029094	28.00	30.00	2.00
				029095	30.00	32.00	2.00
32.00	40.00	SEDS	Grey to brown shale, black greywacke to to sandstone, all with finely disseminated pyrite.	029096	32.00	34.00	2.00
				029097	34.00	36.00	2.00
				029098	36.00	38.00	2.00
				029099	38.00	40.00	2.00
40.00	56.00	ARG	Black, siliceous to fissile, stockworked, quartz flooded sulphide rich argillite.	029100	40.00	42.00	2.00
				029101	42.00	44.00	2.00
			NOTE: at 40-52m; Heavily stockworked argillite with kermesite traces and finely disseminated pyrite and stibnite.				
44.00	46.00		30-40% Limonitic, siliceous pyritic int-	029102	44.00	46.00	2.00

PROPERTY : BREMNER CREEK
HOLE No. : BCRC 91-454

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			rusive.	029103	46.00	48.00	2.00
				029104	48.00	50.00	2.00
50.00	52.00		30-40% Limonitic, siliceous pyritic int-	029105	50.00	52.00	2.00
			rusive.	029106	52.00	54.00	2.00
				029107	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-455
Grid System : ORIGINAL
Collar Eastings : 18365.200
Collar Northings : 20222.100
Collar Elevations : 813.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	4.00	INT	Limonitic, siliceous intrusive.	029108	2.00	4.00	2.00
2.80	3.20	ARG	Black stockworked,pyritic, quartz flooded argillite.				
4.00	30.00	SEDS	Black greywacke and fine grained sandstone with minor grey fissile shale.	029109	4.00	6.00	2.00
				029110	6.00	8.00	2.00
				029111	8.00	10.00	2.00
				029112	10.00	12.00	2.00
				029113	12.00	14.00	2.00
				029114	14.00	16.00	2.00
				029115	16.00	18.00	2.00
18.00	20.00		White clay coating on fracture surfaces	029116	18.00	20.00	2.00
				029117	20.00	22.00	2.00
22.00	24.00		1% Stibnite disseminated in quartz veins.	029118	22.00	24.00	2.00
				029119	24.00	26.00	2.00
				029120	26.00	28.00	2.00
				029121	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-456
Grid System : ORIGINAL
Collar Eastings : 18470.400
Collar Northings : 20254.000
Collar Elevations : 804.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 109.20
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	8.00	SEDS	Black greywacke to sandstone. Heavily stockworked.				
2.00	4.00		Traces kermesite.	029122	2.00	4.00	2.00
				029123	4.00	6.00	2.00
				029124	6.00	8.00	2.00
8.00	18.00	INT	Limonitic, siliceous intrusive.	029125	8.00	10.00	2.00
				029126	10.00	12.00	2.00
12.00	14.00		Trace of stibnite	029127	12.00	14.00	2.00
				029128	14.00	16.00	2.00
				029129	16.00	18.00	2.00
16.90	17.10	SEDS	Black limonitic greywacke.				
18.00	52.00	SEDS	Black fine grained greywacke to sandstone with minor grey shale.				
18.00	20.00		20% White fine grained quartzite with 5% limonitic intrusive.	029130	18.00	20.00	2.00
20.00	28.00		Trace amounts of kermesite.	029131	20.00	22.00	2.00
			NOTE: at 28-30m; 50% Slightly limonitic	029132	22.00	24.00	2.00
			quartz feldspar porphyry.	029133	24.00	26.00	2.00
			Sediments are pyritic.	029134	26.00	28.00	2.00
				029135	28.00	30.00	2.00
29.70	30.30	QFP	Pyritic, slightly limonitic quartz feld-	029136	30.00	32.00	2.00
			spar porphyry.	029137	32.00	34.00	2.00
				029138	34.00	36.00	2.00
				029139	36.00	38.00	2.00
				029140	38.00	40.00	2.00
				029141	40.00	42.00	2.00
42.00	48.00		10% Black graphitic, siliceous argillite.	029142	42.00	44.00	2.00
				029143	44.00	46.00	2.00
				029144	46.00	48.00	2.00
				029145	48.00	50.00	2.00
49.00	51.00	QFP	Pyritic, slightly limonitic quarz feld-	029146	50.00	52.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-456

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			spar porphyry.				
52.00	56.00	ARG	Black fissile, graphitic, argillite with minor pyritic greywacke.	029147	52.00	54.00	2.00
				029148	54.00	56.00	2.00
56.00	60.00	INT	Weakly limonitic, pyritic, porphyritic intrusive with occasional quartz eyes.	029149	56.00	58.00	2.00
				029150	58.00	60.00	2.00
60.00	62.50	ARG	Black graphitic fissile argillite with minor pyritic greywacke.	029151	60.00	62.00	2.00
				029152	62.00	64.00	2.00
62.50	98.00	INT	Weakly limonitic, pyritic, porphyritic intrusive with occasional quartz eyes and 5-10% black, fissile, graphitic argillite.	029153	64.00	66.00	2.00
				029154	66.00	68.00	2.00
				029155	68.00	70.00	2.00
				029156	70.00	72.00	2.00
				029157	72.00	74.00	2.00
				029158	74.00	76.00	2.00
74.50	75.50	ARG	Black, graphitic, fissile argillite with minor pyritic greywacke.	029159	76.00	78.00	2.00
				029160	78.00	80.00	2.00
				029161	80.00	82.00	2.00
				029162	82.00	84.00	2.00
				029163	84.00	86.00	2.00
				029164	86.00	88.00	2.00
				029165	88.00	90.00	2.00
				029166	90.00	92.00	2.00
				029167	92.00	94.00	2.00
93.60	94.40	ARG	Black, graphitic, fissile argillite with minor pyritic greywacke.	029168	94.00	96.00	2.00
				029169	96.00	98.00	2.00
98.00	107.00	QFP	White, unoxidized, pyritic quartz feldspar porphyry with 5-10% pyritic black greywacke and graphitic argillite.	029170	98.00	100.00	2.00
				029171	100.00	102.00	2.00
				029172	102.00	104.00	2.00
				029173	104.00	106.00	2.00
104.50	105.40	ARG	Black, pyritic, siliceous, graphitic stockworked argillite.	029174	106.00	108.00	2.00
107.00	109.20	ARG	Black siliceous, pyritic, graphitic, stockworked argillite.	029175	108.00	109.20	1.20

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-457
Grid System : ORIGINAL
Collar Eastings : 18521.000
Collar Northings : 20242.100
Collar Elevations : 791.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	SEDS	Dark grey to black very fine grained greywake and argillite. Abundant limonite coating (and therefore, difficult to see lithology). NOTE: 4-6 m, trace kermesite.	029176	2.00	4.00	2.00
				029177	4.00	6.00	2.00
				029178	6.00	8.00	2.00
				029179	8.00	10.00	2.00
				029180	10.00	12.00	2.00
				029181	12.00	14.00	2.00
12.30	13.70	INT	Limonitic intrusive.	029182	14.00	16.00	2.00
				029183	16.00	18.00	2.00
				029184	18.00	20.00	2.00
20.00	26.00	INT	Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral. NOTE: 24-26 m, interval contains 1% massive stibnite with kermesite staining.	029185	20.00	22.00	2.00
				029186	22.00	24.00	2.00
				029187	24.00	26.00	2.00
26.00	40.00	SEDS	Dark grey to black fine grained greywake and sandstone with argillite. Minor quartzite. Disseminated sulphide throughout. NOTE: 26-28 m, finely disseminated pyrite and stibnite.	029188	26.00	28.00	2.00
				029189	28.00	30.00	2.00
28.50	29.50	INT	Limonitic intrusive.	029190	30.00	32.00	2.00
				029191	32.00	34.00	2.00
32.60	33.40	INT	Limonitic intrusive. NOTE: 38-40 m, contains 15% quartz feldspar porphyry.	029192	34.00	36.00	2.00
				029193	36.00	38.00	2.00
				029194	38.00	40.00	2.00
40.00	50.00	ARG	Black, fissile graphitic argillite. NOTE: 42-44 m, interval contains abundant massive pyrite and pyrite-stibnite (5%). Interval also contains mottled	029195	40.00	42.00	2.00
				029196	42.00	44.00	2.00
				029197	44.00	46.00	2.00
				029198	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-457

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			black and white rock which is probably gritty sandstone.	029199	48.00	50.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-458
Grid System : ORIGINAL
Collar Eastings : 18519.500
Collar Northings : 20216.400
Collar Elevations : 785.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 62.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	SEDS	Black, gritty, very fine grained greywake and siliceous argillite.	029200	2.00	4.00	2.00
				029201	4.00	6.00	2.00
				029202	6.00	8.00	2.00
8.00	14.00	ARG	Black, siliceous graphitic argillite.	029203	8.00	10.00	2.00
				029204	10.00	12.00	2.00
				029205	12.00	14.00	2.00
14.00	20.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. NOTE: 16-20 m, minor stibnite and kermesite staining.	029206	14.00	16.00	2.00
				029207	16.00	18.00	2.00
				029208	18.00	20.00	2.00
20.00	36.00	ARG	Black, siliceous, graphitic argillite. Minor fine grained gritty black greywacke. Disseminated replacement sulphides throughout, predominantly pyrite and sometimes stibnite.	029209	20.00	22.00	2.00
				029210	22.00	24.00	2.00
				029211	24.00	26.00	2.00
				029212	26.00	28.00	2.00
				029213	28.00	30.00	2.00
				029214	30.00	32.00	2.00
				029215	32.00	34.00	2.00
				029216	34.00	36.00	2.00
36.00	38.00	QFP	White feldspar porphyritic intrusive rock. Disseminated sulphides throughout, including pyrite and stibnite (?).	029217	36.00	38.00	2.00
38.00	46.00	SEDS	Fine grained black siliceous greywacke and sandstone, siliceous argillite and phyllitic siltstone.	029218	38.00	40.00	2.00
				029219	40.00	42.00	2.00
				029220	42.00	44.00	2.00
42.80	45.40	QFP	Quartz feldspar porphyry with disseminated sulphides.	029221	44.00	46.00	2.00
46.00	62.00	ARG	Black, fissile graphitic argillite with	029222	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-458

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			minor fine grained greywacke. Disseminated	029223	48.00	50.00	2.00
			sulphides throughout.	029224	50.00	52.00	2.00
			NOTE: 50-58 m, interval contains 20% to	029225	52.00	54.00	2.00
			50% sulphide bearing quartz feldspar	029226	54.00	56.00	2.00
			porphyry chips.	029227	56.00	58.00	2.00
				029228	58.00	60.00	2.00
				029229	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-459
Grid System : ORIGINAL
Collar Eastings : 18517.600
Collar Northings : 20189.100
Collar Elevations : 777.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	SEDS	Gritty, quartz-rich sandstone and black siliceous argillite and greywacke. Disseminated sulphides.	029230	2.00	4.00	2.00
				029231	4.00	6.00	2.00
				029232	6.00	8.00	2.00
				029233	8.00	10.00	2.00
				029234	10.00	12.00	2.00
12.00	18.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock.	029235	12.00	14.00	2.00
				029236	14.00	16.00	2.00
				029237	16.00	18.00	2.00
18.00	52.00	ARG	Black siliceous graphitic argillite. Minor disseminated sulphides. NOTE: 40-42 m, contains 35-40% quartz feldspar porphyry with disseminated sulphides.	029238	18.00	20.00	2.00
				029239	20.00	22.00	2.00
				029240	22.00	24.00	2.00
				029241	24.00	26.00	2.00
				029242	26.00	28.00	2.00
				029243	28.00	30.00	2.00
				029244	30.00	32.00	2.00
				029245	32.00	34.00	2.00
				029246	34.00	36.00	2.00
				029247	36.00	38.00	2.00
				029248	38.00	40.00	2.00
				029249	40.00	42.00	2.00
				029250	42.00	44.00	2.00
				029251	44.00	46.00	2.00
				029252	46.00	48.00	2.00
				029253	48.00	50.00	2.00
				029254	50.00	52.00	2.00

NORANDA EXPLORATION
. DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-460
Grid System : ORIGINAL
Collar Eastings : 18519.800
Collar Northings : 20263.900
Collar Elevations : 794.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 100.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	ARG	Black, siliceous argillite. Minor fine grained quartz rich sandstone. Abundant limonite on fracture surfaces. NOTE: 2-4 m, 20% limontic intrusive 6-8 m, 10% limintic intrusive	029255	2.00	4.00	2.00
				029256	4.00	6.00	2.00
				029257	6.00	8.00	2.00
8.00	10.00	INT	Pervasively oxidized siliceous intrusive rock.	029258	8.00	10.00	2.00
10.00	24.00	ARG	Black, fissile argillite and minor soft grey phyllite. NOTE: 10-12 m, 15% limontic intrusive 12-14 m, 10% limintic intrusive	029259	10.00	12.00	2.00
				029260	12.00	14.00	2.00
				029261	14.00	16.00	2.00
14.30	15.7[illegible]	INT	Limonitic intrusive. NOTE: 16-16 m, 5% limonitic intrusive.	029262	16.00	18.00	2.00
				029263	18.00	20.00	2.00
				029264	20.00	22.00	2.00
				029265	22.00	24.00	2.00
22.80	24.0[illegible]	INT	Limontic intrusive.				
24.00	26.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock.	029266	24.00	26.00	2.00
26.00	60.00	ARG	Black, siliceous graphitic argillite.				
26.00	26.4[illegible]	INT	Limontic intrusive.	029267	26.00	28.00	2.00
				029268	28.00	30.00	2.00
				029269	30.00	32.00	2.00
				029270	32.00	34.00	2.00
				029271	34.00	36.00	2.00
				029272	36.00	38.00	2.00
				029273	38.00	40.00	2.00
				029274	40.00	42.00	2.00
				029275	42.00	44.00	2.00
				029276	44.00	46.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-46C

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				029277	46.00	48.00	2.00
				029278	48.00	50.00	2.00
				029279	50.00	52.00	2.00
				029280	52.00	54.00	2.00
				029281	54.00	56.00	2.00
54.60	57.00	QFP	Quartz feldspar porphyry with minor disseminated pyrite.	029282	56.00	58.00	2.00
				029283	58.00	60.00	2.00
60.00	74.00	QFP	White to light grey coloured quartz feldspar porphyry. Disseminated fine to medium grained pyrite and stibnite (?) throughout. NOTE: 60-68 m, interval contains between 5-10% argillite.	029284	60.00	62.00	2.00
				029285	62.00	64.00	2.00
				029286	64.00	66.00	2.00
				029287	66.00	68.00	2.00
				029288	68.00	70.00	2.00
				029289	70.00	72.00	2.00
				029290	72.00	74.00	2.00
74.00	82.00	F*INT	Biotite quartz feldspar porphyry.	029291	74.00	76.00	2.00
				029292	76.00	78.00	2.00
				029293	78.00	80.00	2.00
				029294	80.00	82.00	2.00
81.00	82.00	QFP	Quartz feldspar porphyry with finely disseminated sulphides.				
82.00	90.00	QFP	Quartz feldspar porphyry with finely disseminated sulphides.	029295	82.00	84.00	2.00
				029296	84.00	86.00	2.00
				029297	86.00	88.00	2.00
				029298	88.00	90.00	2.00
90.00	94.00	ARG	Black, siliceous argillite.	029299	90.00	92.00	2.00
				029300	92.00	94.00	2.00
94.00	100.00	QFP	Quartz feldspar porphyry with finely disseminated sulphides.	029301	94.00	96.00	2.00
				029302	96.00	98.00	2.00
				029303	98.00	100.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-461
Grid System : ORIGINAL
Collar Eastings : 18475.000
Collar Northings : 20232.600
Collar Elevations : 797.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	48.00	SEDS	Black fine grained greywacke to sandstone.	029304	2.00	4.00	2.00
			NOTE: 16-18 m, 1% massive stibnite.	029305	4.00	6.00	2.00
				029306	6.00	8.00	2.00
				029307	8.00	10.00	2.00
				029308	10.00	12.00	2.00
				029309	12.00	14.00	2.00
				029310	14.00	16.00	2.00
				029311	16.00	18.00	2.00
				029312	18.00	20.00	2.00
18.50	19.50	INT	Limonitic, siliceous intrusive.	029313	20.00	22.00	2.00
			NOTE: 20-22 m, 10% limonitic intrusive,	029314	22.00	24.00	2.00
			trace kermesite, pyritic greywacke.	029315	24.00	26.00	2.00
			NOTE: 22-24 m, trace stibnite, pyritic	029316	26.00	28.00	2.00
			greywacke.	029317	28.00	30.00	2.00
			NOTE: 24-40 m, less gritty, fissile, grey-	029318	30.00	32.00	2.00
			wacke with finely disseminated pyrite	029319	32.00	34.00	2.00
			NOTE: 40-46 m, 5% limonitic, pyritic in-	029320	34.00	36.00	2.00
			trusive	029321	36.00	38.00	2.00
				029322	38.00	40.00	2.00
				029323	40.00	42.00	2.00
				029324	42.00	44.00	2.00
				029325	44.00	46.00	2.00
				029326	46.00	48.00	2.00
48.00	64.00	ARG	Black, siliceous, graphitic, stockworked,	029327	48.00	50.00	2.00
			pyritic argillite.	029328	50.00	52.00	2.00
50.20	52.10	QFP	White to pink, pyritic quartz feldspar	029329	52.00	54.00	2.00
			porphyry.	029330	54.00	56.00	2.00
				029331	56.00	58.00	2.00
				029332	58.00	60.00	2.00
				029333	60.00	62.00	2.00
				029334	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-462
Grid System : ORIGINAL
Collar Eastings : 18473.100
Collar Northings : 20205.200
Collar Elevations : 791.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 88.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Limonitic, siliceous intrusive with trace unoxidized pyrite. NOTE: 2-4 m, 40% limonitic greywacke.	029335	2.00	4.00	2.00
				029336	4.00	6.00	2.00
6.00	18.00	SEDS	Black, pyritic, greywacke to fine grained sandstone. Minor grey, phyllitic shale. NOTE: 6-8 m, trace kermesite.	029337	6.00	8.00	2.00
				029338	8.00	10.00	2.00
				029339	10.00	12.00	2.00
				029340	12.00	14.00	2.00
				029341	14.00	16.00	2.00
				029342	16.00	18.00	2.00
18.00	26.00	INT	Limonitic, siliceous intrusive with trace unoxidized pyrite.	029343	18.00	20.00	2.00
				029344	20.00	22.00	2.00
				029345	22.00	24.00	2.00
				029346	24.00	26.00	2.00
26.00	58.00	SEDS	Black, pyritic, greywacke to fine grained sandstone. Minor grey, phyllitic shale and graphitic shale. NOTE: 44-58 m, 20-40% white to grey pyritic quartz feldspar porphyry.	029347	26.00	28.00	2.00
				029348	28.00	30.00	2.00
				029349	30.00	32.00	2.00
				029350	32.00	34.00	2.00
				029351	34.00	36.00	2.00
				029352	36.00	38.00	2.00
				029353	38.00	40.00	2.00
				029354	40.00	42.00	2.00
				029355	42.00	44.00	2.00
				029356	44.00	46.00	2.00
				029357	46.00	48.00	2.00
				029358	48.00	50.00	2.00
				029359	50.00	52.00	2.00
				029360	52.00	54.00	2.00
				029361	54.00	56.00	2.00
				029362	56.00	58.00	2.00
58.00	78.00	ARG	Black, graphitic, siliceous pyritic stock-	029363	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-462

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			worked argillite.	029364	60.00	62.00	2.00
			NOTE: 58-60 m, 40% grey, pyritic quartz feldspar porphyry.	029365	62.00	64.00	2.00
				029366	64.00	66.00	2.00
				029367	66.00	68.00	2.00
				029368	68.00	70.00	2.00
70.00	72.00	QFP	White sulphide poor quartz feldspar porphyry.	029369	70.00	72.00	2.00
				029370	72.00	74.00	2.00
				029371	74.00	76.00	2.00
				029372	76.00	78.00	2.00
78.00	88.00	QFP	White to tan sulphide poor quartz feldspar porphyry.	029373	78.00	80.00	2.00
				029374	80.00	82.00	2.00
			NOTE: 78-82 m, 40% black, graphitic, siliceous, pyritic, stockworked argillite.	029375	82.00	84.00	2.00
				029376	84.00	86.00	2.00
				029377	86.00	88.00	2.00
			NOTE: 82-88 m, 5% black, graphitic, siliceous, pyritic, stockworked argillite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-463
Grid System : ORIGINAL
Collar Eastings : 20151.200
Collar Northings : 19956.400
Collar Elevations : 930.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Rare quartz eyes. Biotite altered to white clay mineral.	029378	2.00	4.00	2.00
				029379	4.00	6.00	2.00
				029380	6.00	8.00	2.00
				029381	8.00	10.00	2.00
				029382	10.00	12.00	2.00
				029383	12.00	14.00	2.00
14.00	18.00	ARG	Black, siliceous argillite. Abundant limonitic weathering.	029384	14.00	16.00	2.00
				029385	16.00	18.00	2.00
18.00	32.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Rare quartz eyes. Biotite altered to white clay mineral.	029386	18.00	20.00	2.00
				029387	20.00	22.00	2.00
				029388	22.00	24.00	2.00
				029389	24.00	26.00	2.00
				029390	26.00	28.00	2.00
				029391	28.00	30.00	2.00
				029392	30.00	32.00	2.00
31.00	32.00	ARG	Black, siliceous argillite. Abundant limonitic weathering.				
32.00	52.00	ARG	Black siliceous argillite. Minor grey chert. NOTE: 44-46 m, contains 10% gritty, rusty weathering fine grained sandstone. NOTE: 48-52 m, abundant stockwork and trace kermesite.	029393	32.00	34.00	2.00
				029394	34.00	36.00	2.00
				029395	36.00	38.00	2.00
				029396	38.00	40.00	2.00
				029397	40.00	42.00	2.00
				029398	42.00	44.00	2.00
				029399	44.00	46.00	2.00
				029400	46.00	48.00	2.00
				029401	48.00	50.00	2.00
				029402	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-464
Grid System : ORIGINAL
Collar Eastings : 20100.700
Collar Northings : 20020.000
Collar Elevations : 938.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 38.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.				
2.00	4.00		5% black siliceous argillite.	029403	2.00	4.00	2.00
				029404	4.00	6.00	2.00
				029405	6.00	8.00	2.00
8.00	26.00	ARG	Black, cherty argillite.				
8.00	16.00		5% limonitic, siliceous intrusive with occasional quartz eyes. Very few competent chips, mostly clay. Fault?	029406	8.00	10.00	2.00
				029407	10.00	12.00	2.00
				029408	12.00	14.00	2.00
				029409	14.00	16.00	2.00
				029410	16.00	18.00	2.00
				029411	18.00	20.00	2.00
				029412	20.00	22.00	2.00
22.00	26.00		Trace disseminated pyrite.	029413	22.00	24.00	2.00
				029414	24.00	26.00	2.00
26.00	30.00	INT	Limonitic, siliceous intrusive interval includes 15% cherty black argillite.	029415	26.00	28.00	2.00
28.00	30.00		20% of biotites are still black.	029416	28.00	30.00	2.00
30.00	36.00	ARG	Black, cherty argillite.	029417	30.00	32.00	2.00
				029418	32.00	34.00	2.00
				029419	34.00	36.00	2.00
				029420	36.00	38.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-465
Grid System : ORIGINAL
Collar Eastings : 20098.800
Collar Northings : 19989.700
Collar Elevations : 926.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limontic siliceous intrusive with occasional quartz eyes. Biotites weathered to white clay.	029421	2.00	4.00	2.00
				029422	4.00	6.00	2.00
				029423	6.00	8.00	2.00
				029424	8.00	10.00	2.00
				029425	10.00	12.00	2.00
				029426	12.00	14.00	2.00
				029427	14.00	16.00	2.00
				029428	16.00	18.00	2.00
				029429	18.00	20.00	2.00
20.00	30.00	ARG	Black, siliceous argillite. NOTE: 20-22 m, 10% limonitic siliceous intrusive with occasional quartz eyes. Biotites weathered to white clay.	029430	20.00	22.00	2.00
				029431	22.00	24.00	2.00
				029432	24.00	26.00	2.00
				029433	26.00	28.00	2.00
				029434	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-466
Grid System : ORIGINAL
Collar Eastings : 20151.700
Collar Northings : 19981.600
Collar Elevations : 938.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 36.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	029435	2.00	4.00	2.00
				029436	4.00	6.00	2.00
				029437	6.00	8.00	2.00
				029438	8.00	10.00	2.00
				029439	10.00	12.00	2.00
				029440	12.00	14.00	2.00
				029441	14.00	16.00	2.00
				029442	16.00	18.00	2.00
16.40	17.60	ARG	Black, siliceous stockworked argillite.	029443	18.00	20.00	2.00
19.00	20.00	ARG	Black, siliceous stockworked argillite.				
20.00	36.00	ARG	Black, siliceous stockworked argillite.	029444	20.00	22.00	2.00
				029445	22.00	24.00	2.00
				029446	24.00	26.00	2.00
				029447	26.00	28.00	2.00
				029448	28.00	30.00	2.00
				029449	30.00	32.00	2.00
				029450	32.00	34.00	2.00
				029451	34.00	36.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-467
Grid System : ORIGINAL
Collar Eastings : 20195.600
Collar Northings : 19911.900
Collar Elevations : 920.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	38.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	029452	2.00	4.00	2.00
				029453	4.00	6.00	2.00
			NOTE: 2-4 m, 5% black, cherty argillite.	029454	6.00	8.00	2.00
				029455	8.00	10.00	2.00
				029456	10.00	12.00	2.00
				029457	12.00	14.00	2.00
12.80	13.20	ARG	Black, cherty, stockworked argillite.	029458	14.00	16.00	2.00
				029459	16.00	18.00	2.00
				029460	18.00	20.00	2.00
				029461	20.00	22.00	2.00
				029462	22.00	24.00	2.00
				029463	24.00	26.00	2.00
				029464	26.00	28.00	2.00
26.50	27.50	ARG	Black, cherty, stockworked argillite.	029465	28.00	30.00	2.00
			NOTE: 28-36 m, 3-5% black cherty stockworked argillite.	029466	30.00	32.00	2.00
				029467	32.00	34.00	2.00
			NOTE: 36-38 m, trace kermesite.	029468	34.00	36.00	2.00
				029469	36.00	38.00	2.00
36.50	37.50	ARG	Black, cherty, stockworked argillite.				
38.00	42.00	SEDS	Grey laminated siltstone with 10% black siliceous argillite and 10-15% limonitic intrusive.	029470	38.00	40.00	2.00
				029471	40.00	42.00	2.00
42.00	52.00	ARG	Black, cherty, limonitic argillite.	029472	42.00	44.00	2.00
			NOTE: 44-46 m, 30% grey, aphanitic chert.	029473	44.00	46.00	2.00
				029474	46.00	48.00	2.00
46.20	47.80	INT	Reddish, limonitic siliceous intrusive.	029475	48.00	50.00	2.00
			NOTE: 48-52 m, 5% limontic intrusive, 10% aphanitic chert.	029476	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-468
Grid System : ORIGINAL
Collar Eastings : 20192.600
Collar Northings : 19939.600
Collar Elevations : 931.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	029477	2.00	4.00	2.00
				029478	4.00	6.00	2.00
6.00	10.00	ARG	Limonitic, black, cherty argillite.	029479	6.00	8.00	2.00
				029480	8.00	10.00	2.00
9.30	10.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.				
10.00	18.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	029481	10.00	12.00	2.00
				029482	12.00	14.00	2.00
			NOTE: 10-16 m, 5-10% limonitic, black cherty argillite.	029483	14.00	16.00	2.00
				029484	16.00	18.00	2.00
18.00	20.00	ARG	Limonitic, black, cherty argillite.	029485	18.00	20.00	2.00
20.00	24.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes. 10% argillite.	029486	20.00	22.00	2.00
				029487	22.00	24.00	2.00
24.00	40.00	ARG	Limonitic, cherty argillite.	029488	24.00	26.00	2.00
			NOTE: 30-40 m, 10-20% tan, silicified siltstone.	029489	26.00	28.00	2.00
				029490	28.00	30.00	2.00
				029491	30.00	32.00	2.00
				029492	32.00	34.00	2.00
				029493	34.00	36.00	2.00
				029494	36.00	38.00	2.00
				029495	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-469
Grid System : ORIGINAL
Collar Eastings : 20193.300
Collar Northings : 19965.300
Collar Elevations : 943.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	029496	2.00	4.00	2.00
				029497	4.00	6.00	2.00
			NOTE: 2-4 m, 10% limonitic, black, cherty argillite.				
4.30	5.70	ARG	Limonitic, black, cherty argillite.	029498	6.00	8.00	2.00
6.50	7.50	ARG	Limonitic, black, cherty argillite.	029499	8.00	10.00	2.00
				029500	10.00	12.00	2.00
				029501	12.00	14.00	2.00
				029502	14.00	16.00	2.00
				029503	16.00	18.00	2.00
				029504	18.00	20.00	2.00
19.60	20.00	ARG	Limonitic, black, cherty argillite.				
20.00	26.00	ARG	Limonitic, black, cherty argillite.	029505	20.00	22.00	2.00
				029506	22.00	24.00	2.00
				029507	24.00	26.00	2.00
26.00	30.00	INT	Limonitic, siliceous, quartz eye rich intrusive. 1-2% disseminated kermesite.	029508	26.00	28.00	2.00
				029509	28.00	30.00	2.00
30.00	40.00	ARG	Limonitic, black, cherty, stockworked argillite.	029510	30.00	32.00	2.00
				029511	32.00	34.00	2.00
			NOTE: 38-40 m, trace kermesite.	029512	34.00	36.00	2.00
				029513	36.00	38.00	2.00
				029514	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-470
Grid System : ORIGINAL
Collar Eastings : 20271.300
Collar Northings : 19920.500
Collar Elevations : 917.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 22.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	22.00	INT	Limonitic, siliceous intrusive with weathered white biotites. Occasional quartz eyes. NOTE: 2-4 m, 5% of biotites still black. NOTE: 6-8 m, 20% of biotites still black. NOTE: 8-12 m, 5% of biotites still black. NOTE: 18-20 m, 5% black, cherty argillite.	029515	2.00	4.00	2.00
				029516	4.00	6.00	2.00
				029517	6.00	8.00	2.00
				029518	8.00	10.00	2.00
				029519	10.00	12.00	2.00
				029520	12.00	14.00	2.00
				029521	14.00	16.00	2.00
				029522	16.00	18.00	2.00
				029523	18.00	20.00	2.00
				029524	20.00	22.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-471
Grid System : ORIGINAL
Collar Eastings : 20815.200
Collar Northings : 19799.000
Collar Elevations : 987.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic, siliceous intrusive with weathered white biotites.	029525	2.00	4.00	2.00
				029526	4.00	6.00	2.00
			NOTE: 2-4 m, 30% grey green fresh intrusive.	029527	6.00	8.00	2.00
				029528	8.00	10.00	2.00
9.00	10.00	ARG	Black, cherty argillite.				
10.00	18.00	ARG	Limonitic, black, cherty, stockworked argillite.	029529	10.00	12.00	2.00
				029530	12.00	14.00	2.00
12.50	13.50	INT	Limonitic, siliceous intrusive with weathered white biotites.	029531	14.00	16.00	2.00
				029532	16.00	18.00	2.00
18.00	26.00	INT	Limonitic, siliceous intrusive with abundant quartz eyes.				
18.00	19.00	ARG	Limonitic, black, cherty stockworked argillite.	029533	18.00	20.00	2.00
				029534	20.00	22.00	2.00
			NOTE: 20-22 m, 10% limonitic, black cherty stockworked argillite.	029535	22.00	24.00	2.00
				029536	24.00	26.00	2.00
26.00	30.00	ARG	Limonitic, black, cherty, stockworked argillite.	029537	26.00	28.00	2.00
				029538	28.00	30.00	2.00
29.40	30.00	INT	Limonitic, siliceous intrusive with abundant quartz eyes.				
30.00	46.00	INT	Limonitic, siliceous intrusive, trace unoxidized pyrite. 5% unoxidized quartz feldspar porphyry.	029539	30.00	32.00	2.00
				029540	32.00	34.00	2.00
				029541	34.00	36.00	2.00
				029542	36.00	38.00	2.00
				029543	38.00	40.00	2.00
				029544	40.00	42.00	2.00
				029545	42.00	44.00	2.00
				029546	44.00	46.00	2.00
46.00	70.00	QFP	White to grey to yellow, pyritic quartz	029547	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-471

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			feldspar porphyry with 30-40% limonitic intrusive. NOTE: 56-60 m, 50% of biotites are still black.	029548	48.00	50.00	2.00
				029549	50.00	52.00	2.00
				029550	52.00	54.00	2.00
				029551	54.00	56.00	2.00
				029552	56.00	58.00	2.00
				029553	58.00	60.00	2.00
				029554	60.00	62.00	2.00
				029555	62.00	64.00	2.00
				029556	64.00	66.00	2.00
64.30	65.70	P*INT	Black biotite rich, greyish green fresh intrusive. NOTE: 66-70 m, 5% black, cherty, brecciated argillite.	029557	66.00	68.00	2.00
				029558	68.00	70.00	2.00
70.00	76.00	ARG	Black, cherty, graphitic argillite with finely disseminated pyrite.	029559	70.00	72.00	2.00
				029560	72.00	74.00	2.00
				029561	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-472
Grid System : ORIGINAL
Collar Eastings : 20752.800
Collar Northings : 19893.300
Collar Elevations : 1021.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 94.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	22.00	INT	Limonitic, siliceous intrusive with rare quartz eyes and minor stockworking.	029562	4.00	6.00	2.00
				029563	6.00	8.00	2.00
				029564	8.00	10.00	2.00
				029565	10.00	12.00	2.00
				029566	12.00	14.00	2.00
				029567	14.00	16.00	2.00
				029568	16.00	18.00	2.00
				029569	18.00	20.00	2.00
				029570	20.00	22.00	2.00
21.20	22.00	ARG	Black, cherty argillite.				
22.00	26.00	ARG	Black, cherty argillite.	029571	22.00	24.00	2.00
			NOTE: 24-26 m, 40% soft grey siltstone.	029572	24.00	26.00	2.00
26.00	38.00	INT	Limonitic, siliceous intrusive.	029573	26.00	28.00	2.00
				029574	28.00	30.00	2.00
				029575	30.00	32.00	2.00
32.00	34.00	ARG	Limonitic, cherty, stockworked black argillite.	029576	32.00	34.00	2.00
				029577	34.00	36.00	2.00
			NOTE: 36-38 m, 30% of biotites still black	029578	36.00	38.00	2.00
38.00	50.00	F*INT	Greyish green fresh intrusive.	029579	38.00	40.00	2.00
				029580	40.00	42.00	2.00
				029581	42.00	44.00	2.00
				029582	44.00	46.00	2.00
				029583	46.00	48.00	2.00
				029584	48.00	50.00	2.00
50.00	62.00	INT	Limonitic, siliceous intrusive with white weathered biotites.	029585	50.00	52.00	2.00
				029586	52.00	54.00	2.00
				029587	54.00	56.00	2.00
				029588	56.00	58.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-472

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				029589	58.00	60.00	2.00
				029590	60.00	62.00	2.00
62.00	68.00	F*INT	Limonitic, black biotite rich intrusive.	029591	62.00	64.00	2.00
				029592	64.00	66.00	2.00
				029593	66.00	68.00	2.00
68.00	84.00	INT	Limonitic, siliceous intrusive with white weathered biotites.	029594	68.00	70.00	2.00
				029595	70.00	72.00	2.00
				029596	72.00	74.00	2.00
72.40	73.60	ARG	Black, cherty argillite.	029597	74.00	76.00	2.00
			NOTE: 74-84 m, Quartz eye rich, 5% argillite.	029598	76.00	78.00	2.00
				029599	78.00	80.00	2.00
				029600	80.00	82.00	2.00
				029601	82.00	84.00	2.00
83.00	84.00	ARG	Black, cherty, brecciated argillite.				
84.00	94.00	ARG	Black, cherty, graphitic, argillite.	029602	84.00	86.00	2.00
			NOTE: 84-88 m, 10-20% silicified micro brecciated argillite.	029603	86.00	88.00	2.00
				029604	88.00	90.00	2.00
			NOTE: 86-94 m, 3-5% limonitic intrusive.	029605	90.00	92.00	2.00
				029606	92.00	94.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-473
Grid System : ORIGINAL
Collar Eastings : 20754.800
Collar Northings : 19864.100
Collar Elevations : 1012.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	F*INT	Dark grey to greenish grey coloured biotite rich, siliceous intrusive rock. Abundant quartz eyes. Weakly to moderately oxidized.	029608	2.00	4.00	2.00
				029609	4.00	6.00	2.00
				029610	6.00	8.00	2.00
				029611	8.00	10.00	2.00
				029612	10.00	12.00	2.00
12.00	26.00	INT	Pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral. NOTE: 14-16 m, interval contains 20% fresh intrusive.	029613	12.00	14.00	2.00
				029614	14.00	16.00	2.00
				029615	16.00	18.00	2.00
				029616	18.00	20.00	2.00
				029617	20.00	22.00	2.00
				029618	22.00	24.00	2.00
				029619	24.00	26.00	2.00
26.00	28.00	SEDS	Black, siliceous argillite and grey phyllitic siltstone.	029620	26.00	28.00	2.00
28.00	30.00	ARG	Black, siliceous argillite with less than 5% pyllitic siltstone.	029621	28.00	30.00	2.00
30.00	46.00	INT	Pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral.				
30.00	31.00	ARG	Black, siliceous argillite.	029622	30.00	32.00	2.00
				029623	32.00	34.00	2.00
				029624	34.00	36.00	2.00
				029625	36.00	38.00	2.00
				029626	38.00	40.00	2.00
				029627	40.00	42.00	2.00
				029628	42.00	44.00	2.00
				029629	44.00	46.00	2.00
46.00	50.00	F*INT	Biotite rich siliceous intrusive rock.	029630	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-473

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			Moderate oxidation and limonitic weathering.	029631	48.00	50.00	2.00
50.00	56.00	INT	Moderately to pervasively oxidized biotite quartz feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely altered to white clay mineral.	029632	50.00	52.00	2.00
				029633	52.00	54.00	2.00
				029634	54.00	56.00	2.00
56.00	58.00	ARG	Black, siliceous argillite with minor grey phyllite.				
56.00	56.80	INT	Limonitic intrusive.	029635	56.00	58.00	2.00
58.00	70.00	F*INT	Weakly to moderately oxidized biotite rich siliceous intrusive rock. In 66-68 m interval biotites become increasingly altered to white clay mineral.	029636	58.00	60.00	2.00
				029637	60.00	62.00	2.00
				029638	62.00	64.00	2.00
				029639	64.00	66.00	2.00
				029640	66.00	68.00	2.00
				029641	68.00	70.00	2.00

HORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-474
Grid System : ORIGINAL
Collar Eastings : 20754.700
Collar Northings : 19865.300
Collar Elevations : 1012.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 100.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	P*INT	Biotite rich siliceous intrusive rock. Minor quartz eyes. Moderately oxidized. Biotite is sometimes partially altered to white clay mineral.	029642	2.00	4.00	2.00
4.00	50.00	INT	Pervasively oxidzed siliceous intrusive rock. Biotite is altered to white clay mineral.	029643	4.00	6.00	2.00
				029644	6.00	8.00	2.00
				029645	8.00	10.00	2.00
				029646	10.00	12.00	2.00
				029647	12.00	14.00	2.00
				029648	14.00	16.00	2.00
				029649	16.00	18.00	2.00
				029650	18.00	20.00	2.00
				029651	20.00	22.00	2.00
				029652	22.00	24.00	2.00
				029653	24.00	26.00	2.00
				029654	26.00	28.00	2.00
				029655	28.00	30.00	2.00
				029656	30.00	32.00	2.00
31.60	33.00	ARG	Black, siliceous argillite.	029657	32.00	34.00	2.00
				029658	34.00	36.00	2.00
				029659	36.00	38.00	2.00
				029660	38.00	40.00	2.00
				029661	40.00	42.00	2.00
				029662	42.00	44.00	2.00
				029663	44.00	46.00	2.00
				029664	46.00	48.00	2.00
				029665	48.00	50.00	2.00
50.00	52.00	ARG	Black, siliceous argillite with very minor disseminated sulphides.	029666	50.00	52.00	2.00
52.00	78.00	INT	Pervasively oxidized siliceous intrusive				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-474

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			rock. Biotite is altered to white clay mineral.				
52.00	53.20	ARG	Black, siliceous argillite with very minor disseminated sulphides.	029667	52.00	54.00	2.00
				029668	54.00	56.00	2.00
			NOTE: 60-62 m, contains approximately 40% quartz feldspar porphyry.	029669	56.00	58.00	2.00
				029670	58.00	60.00	2.00
			NOTE: 62-64 m, contains between 3-5% quartz feldspar porphyry.	029671	60.00	62.00	2.00
				029672	62.00	64.00	2.00
			NOTE: 66-68 m, contains minor massive pyrite (<1%)	029673	64.00	66.00	2.00
				029674	66.00	68.00	2.00
				029675	68.00	70.00	2.00
				029676	70.00	72.00	2.00
				029677	72.00	74.00	2.00
				029678	74.00	76.00	2.00
				029679	76.00	78.00	2.00
77.40	78.00	F*INT	Biotite rich siliceous intrusive rock.				
78.00	86.00	F*INT	Biotite rich siliceous intrusive rock.	029680	78.00	80.00	2.00
			Biotite is sometimes partially altered.	029681	80.00	82.00	2.00
				029682	82.00	84.00	2.00
				029683	84.00	86.00	2.00
86.00	88.00	ARG	Black siliceous argillite. Interval contains approximately 5% limonitic intrusive chips.	029684	86.00	88.00	2.00
88.00	98.00	QFP	Medium grey coloured quartz feldspar porphyry with very finely disseminated sulphides throughout.	029685	88.00	90.00	2.00
				029686	90.00	92.00	2.00
				029687	92.00	94.00	2.00
			NOTE: 92-96 m, contains 30-50% limonitic intrusive.	029688	94.00	96.00	2.00
				029689	96.00	98.00	2.00
97.00	98.00	ARG	Black, siliceous argillite.				
98.00	100.00	ARG	Pervasively silicified black argillite.	029690	98.00	100.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-475
Grid System : ORIGINAL
Collar Eastings : 20729.600
Collar Northings : 19851.000
Collar Elevations : 1003.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	40.00	INT	Pervasively oxidized limonitic quartz feldspar porphyritic siliceous intrusive rock. Biotite completely altered to white clay mineral. Minor quartz eyes. NOTE: 38-40 m, less than 5% black argillite.	029691	2.00	4.00	2.00
				029692	4.00	6.00	2.00
				029693	6.00	8.00	2.00
				029694	8.00	10.00	2.00
				029695	10.00	12.00	2.00
				029696	12.00	14.00	2.00
				029697	14.00	16.00	2.00
				029698	16.00	18.00	2.00
				029699	18.00	20.00	2.00
				029700	20.00	22.00	2.00
				029701	22.00	24.00	2.00
				029702	24.00	26.00	2.00
				029703	26.00	28.00	2.00
				029704	28.00	30.00	2.00
				029705	30.00	32.00	2.00
				029706	32.00	34.00	2.00
				029707	34.00	36.00	2.00
				029708	36.00	38.00	2.00
				029709	38.00	40.00	2.00
40.00	46.00	ARG	Black, siliceous argillite.	029710	40.00	42.00	2.00
				029711	42.00	44.00	2.00
				029712	44.00	46.00	2.00
46.00	50.00	INT	Limonitic siliceous intrusive rock.				
46.00	46.40	ARG	Black argillite.	029713	46.00	48.00	2.00
				029714	48.00	50.00	2.00
49.80	50.00	ARG	Black argillite.				
50.00	52.00	ARG	Black siliceous argillite. Interval contains qpproximately 20% limonitic intrusive.	029715	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-476
Grid System : ORIGINAL
Collar Eastings : 20773.100
Collar Northings : 19801.400
Collar Elevations : 993.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample.				
4.00	22.00	INT	Pervasively oxidized limonitic quartz feldspar porphyritic siliceous intrusive rock.	029716	4.00	6.00	2.00
				029717	6.00	8.00	2.00
				029718	8.00	10.00	2.00
				029719	10.00	12.00	2.00
				029720	12.00	14.00	2.00
				029721	14.00	16.00	2.00
				029722	16.00	18.00	2.00
				029723	18.00	20.00	2.00
				029724	20.00	22.00	2.00
22.00	26.00	ARG	Black siliceous argillite and grey phyllite which increases in abundance to 20% down section.	029725	22.00	24.00	2.00
				029726	24.00	26.00	2.00
26.00	38.00	INT	Limonitic siliceous intrusive rock.	029727	26.00	28.00	2.00
				029728	28.00	30.00	2.00
				029729	30.00	32.00	2.00
				029730	32.00	34.00	2.00
33.60	34.50	ARG	Black argillite.	029731	34.00	36.00	2.00
				029732	36.00	38.00	2.00
37.60	38.00	ARG	Black, argillite and soft grey phyllite.				
38.00	42.00	ARG	Black siliceous argillite and minor grey phyllite.	029733	38.00	40.00	2.00
				029734	40.00	42.00	2.00
42.00	46.00	INT	Limonitic siliceous intrusive rock.	029735	42.00	44.00	2.00
				029736	44.00	46.00	2.00
46.00	48.00	ARG	Black siliceous argillite.	029737	46.00	48.00	2.00
48.00	54.00	INT	Limonitic siliceous intrusive rock.	029738	48.00	50.00	2.00
				029739	50.00	52.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-476

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				029740	52.00	54.00	2.00
54.00	58.00	QFP	Weakly to moderately oxidized quartz feldspar porphyry.	029741	54.00	56.00	2.00
				029742	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-477
Grid System : ORIGINAL
Collar Eastings : 21122.300
Collar Northings : 19902.800
Collar Elevations : 1043.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	INT	Moderately to pervasively oxidized limonitic biotite fledspar porphyritic siliceous intrusive rock. NOTE: 8-14 m, interval contains between 5 and 5% quartz feldspar porphyry.	029743	2.00	4.00	2.00
				029744	4.00	6.00	2.00
				029745	6.00	8.00	2.00
				029746	8.00	10.00	2.00
				029747	10.00	12.00	2.00
				029748	12.00	14.00	2.00
14.00	22.00	QFP	White siliceous quartz feldspar porphyry.	029749	14.00	16.00	2.00
				029750	16.00	18.00	2.00
16.25	17.75	ARG	Black siliceous argillite.	029751	18.00	20.00	2.00
				029752	20.00	22.00	2.00
21.30	22.00	ARG	Black siliceous argillite.				
22.00	24.00	ARG	Black graphitic argillite.	029753	22.00	24.00	2.00
24.00	26.00	INT	Limonitic siliceous intrusive rock.	029754	24.00	26.00	2.00
26.00	34.00	SEDS	White to light grey very fine grained quartzite and minor black siliceous argillite.	029755	26.00	28.00	2.00
				029756	28.00	30.00	2.00
				029757	30.00	32.00	2.00
				029758	32.00	34.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-478
Grid System : ORIGINAL
Collar Eastings : 21123.200
Collar Northings : 19928.600
Collar Elevations : 1055.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Moderately limonitic quartz feldspar porphyry. Biotite altered to clay.	029759	2.00	4.00	2.00
				029760	4.00	6.00	2.00
5.20	6.00	ARG	Black, rusty brown weathering argillite.				
6.00	12.00	SEDS	Rusty, brown weathering black fissile shale and grey phyllite.	029761	6.00	8.00	2.00
				029762	8.00	10.00	2.00
				029763	10.00	12.00	2.00
12.00	16.00	ARG	Black siliceous argillite.	029764	12.00	14.00	2.00
				029765	14.00	16.00	2.00
16.00	26.00	SEDS	Black, siliceous shale and greenish grey chert.	029766	16.00	18.00	2.00
				029767	18.00	20.00	2.00
			NOTE: 16-16 m, contains approximately 40% limonitic intrusive.	029768	20.00	22.00	2.00
				029769	22.00	24.00	2.00
				029770	24.00	26.00	2.00
26.00	30.00	INT	Moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely altered to white clay mineral.	029771	26.00	28.00	2.00
				029772	28.00	30.00	2.00
30.00	40.00	SEDS	Black siliceous shale and greenish grey chert.	029773	30.00	32.00	2.00
				029774	32.00	34.00	2.00
				029775	34.00	36.00	2.00
				029776	36.00	38.00	2.00
				029777	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-479
Grid System : ORIGINAL
Collar Eastings : 21177.100
Collar Northings : 19917.300
Collar Elevations : 1054.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 62.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	F*INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Occasional quartz eyes.	029778	2.00	4.00	2.00
				029779	4.00	6.00	2.00
				029780	6.00	8.00	2.00
8.00	24.00	INT	Pervasively oxidized biotite feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely altered to white clay mineral.	029781	8.00	10.00	2.00
				029782	10.00	12.00	2.00
				029783	12.00	14.00	2.00
				029784	14.00	16.00	2.00
				029785	16.00	18.00	2.00
				029786	18.00	20.00	2.00
				029787	20.00	22.00	2.00
				029788	22.00	24.00	2.00
24.00	26.00	F*INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Occasional quartz eyes.	029789	24.00	26.00	2.00
26.00	54.00	INT	Pervasively oxidzed biotite feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely altered to white clay mineral. NOTE: 52-54 m, interval contains approximately 5% black argillite.	029790	26.00	28.00	2.00
				029791	28.00	30.00	2.00
				029792	30.00	32.00	2.00
				029793	32.00	34.00	2.00
				029794	34.00	36.00	2.00
				029795	36.00	38.00	2.00
				029796	38.00	40.00	2.00
				029797	40.00	42.00	2.00
				029798	42.00	44.00	2.00
				029799	44.00	46.00	2.00
				029800	46.00	48.00	2.00
				029801	48.00	50.00	2.00
				029802	50.00	52.00	2.00
				029803	52.00	54.00	2.00
54.00	62.00	ARG	Black fissile grphitic argillite. Contains	029804	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-479

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			bewteen 10-50% limonitic intrusive rock.	029805	56.00	58.00	2.00
				029806	58.00	60.00	2.00
				029807	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-480
Grid System : ORIGINAL
Collar Eastings : 21229.600
Collar Northings : 19912.400
Collar Elevations : 1044.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	62.00	INT	Limonitic, siliceous, porphyritic intrusive.				
2.00	4.00		5% fresh intrusive.	029808	2.00	4.00	2.00
4.00	6.00		5% pyrite or arsenopyrite rich grey quartz	029809	4.00	6.00	2.00
6.00	8.00		20% fresh intrusive.	029810	6.00	8.00	2.00
				029811	8.00	10.00	2.00
				029812	10.00	12.00	2.00
				029813	12.00	14.00	2.00
				029814	14.00	16.00	2.00
				029815	16.00	18.00	2.00
				029816	18.00	20.00	2.00
20.00	22.00		3% black cherty argillite.	029817	20.00	22.00	2.00
22.00	24.00		10% sulphide rich grey vein quartz.	029818	22.00	24.00	2.00
				029819	24.00	26.00	2.00
				029820	26.00	28.00	2.00
				029821	28.00	30.00	2.00
				029822	30.00	32.00	2.00
				029823	32.00	34.00	2.00
32.60	34.60	F*INT	Greenish oxidized fresh intrusive.	029824	34.00	36.00	2.00
				029825	36.00	38.00	2.00
				029826	38.00	40.00	2.00
				029827	40.00	42.00	2.00
				029828	42.00	44.00	2.00
44.00	46.00		40% white quartz feldspar porphyry with minor disseminated pyrite.	029829	44.00	46.00	2.00
				029830	46.00	48.00	2.00
				029831	48.00	50.00	2.00
				029832	50.00	52.00	2.00
52.00	54.00		30% white quartz feldspar porphyry.	029833	52.00	54.00	2.00
				029834	54.00	56.00	2.00
56.00	58.00	ARG	Black, silicified, cherty graphitic argillite.	029835	56.00	58.00	2.00
				029836	58.00	60.00	2.00
58.85	59.15	ARG	Black, silicified, cherty graphitic argillite.	029837	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-480

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
60.40	62.00	ARG	Black, silicified, cherty graphitic argillite with minor disseminated pyrite and 20% grey to tan chert.				
62.00	70.00	SEDS	Tan to grey oxidized, aphanitic, stockworked chert.	029838	62.00	64.00	2.00
				029839	64.00	66.00	2.00
				029840	66.00	68.00	2.00
68.00	70.00		40% black chert, abundant finely disseminated pyrite.	029841	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-481
Grid System : ORIGINAL
Collar Eastings : 21065.700
Collar Northings : 19818.000
Collar Elevations : 1002.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	24.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.				
2.00	4.00		1% massive stibnite in quartz vein.	029842	2.00	4.00	2.00
				029843	4.00	6.00	2.00
				029844	6.00	8.00	2.00
6.30	7.70	ARG	Black, silicified argillite with minor finely disseminated pyrite.	029845	8.00	10.00	2.00
10.00	18.00		15% white pyritic quartz feldspar porphyry	029846	10.00	12.00	2.00
				029847	12.00	14.00	2.00
				029848	14.00	16.00	2.00
				029849	16.00	18.00	2.00
18.00	22.00		50% white pyritic quartz feldspar porphyry	029850	18.00	20.00	2.00
				029851	20.00	22.00	2.00
				029852	22.00	24.00	2.00
24.00	28.00	P*INT	Greyish green fresh intrusive.	029853	24.00	26.00	2.00
				029854	26.00	28.00	2.00
28.00	34.00	INT	Limonitic, siliceous intrusive.	029855	28.00	30.00	2.00
				029856	30.00	32.00	2.00
				029857	32.00	34.00	2.00
33.40	34.00	P*INT	Greyish green fresh intrusive.				
34.00	40.00	P*INT	Greyish green fresh intrusive.	029858	34.00	36.00	2.00
				029859	36.00	38.00	2.00
				029860	38.00	40.00	2.00
40.00	50.00	INT	Limonitic, siliceous intrusive.				
40.00	42.00		10% fresh intrusive.	029861	40.00	42.00	2.00
				029862	42.00	44.00	2.00
				029863	44.00	46.00	2.00
				029864	46.00	48.00	2.00
				029865	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-481

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
50.00	52.00	F*INT	Greyish green fresh intrusive.	029866	50.00	52.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-482
Grid System : ORIGINAL
Collar Eastings : 21122.700
Collar Northings : 19793.400
Collar Elevations : 993.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	38.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.				
2.00	4.00		5% stockworked, siliceous argillite.	029867	2.00	4.00	2.00
				029868	4.00	6.00	2.00
				029869	6.00	8.00	2.00
				029870	8.00	10.00	2.00
				029871	10.00	12.00	2.00
				029872	12.00	14.00	2.00
12.85	13.15	ARG	Black cherty argillite.				
14.00	18.00		30% white, sulphide poor quartz feldspar porphyry.	029873	14.00	16.00	2.00
				029874	16.00	18.00	2.00
18.00	22.00		5% black cherty argillite.	029875	18.00	20.00	2.00
				029876	20.00	22.00	2.00
				029877	22.00	24.00	2.00
				029878	24.00	26.00	2.00
24.80	25.20	ARG	Black cherty argillite				
26.00	28.00		10% grey pyritic quartz feldspar porphyry.	029879	26.00	28.00	2.00
				029880	28.00	30.00	2.00
				029881	30.00	32.00	2.00
				029882	32.00	34.00	2.00
				029883	34.00	36.00	2.00
36.00	38.00		3% fresh intrusive, 5% grey, soft laminated siltstone.	029884	36.00	38.00	2.00
38.00	40.00	F*INT	Greyish green fresh intrusive.	029885	38.00	40.00	2.00
40.00	46.00	ARG	Black, cherty, graphitic argillite with finely disseminated pyrite.				
40.00	40.70	QFP	Grey to yellow pyritic quartz feldspar porphyry.	029886	40.00	42.00	2.00
				029887	42.00	44.00	2.00
				029888	44.00	46.00	2.00
45.00	46.00	QFP	Grey to yellow pyritic quartz feldspar porphyry.				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-482

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
46.00	52.00	QFP	Greenish grey, pyritic quartz feldspar porphyry with white sericitic remnant weathered biotites.	029889	46.00	48.00	2.00
				029890	48.00	50.00	2.00
				029891	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-483
Grid System : ORIGINAL
Collar Eastings : 21126.700
Collar Northings : 19822.200
Collar Elevations : 1007.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.				
2.00	4.00		10% white sulphide poor quartz feldspar porphyry, intrusive has 10% brown remnant biotites.	029892	2.00	4.00	2.00
				029893	4.00	6.00	2.00
				029894	6.00	8.00	2.00
				029895	8.00	10.00	2.00
8.30	9.70	ARG	Black, cherty, stockworked argillite.				
10.00	44.00	F*INT	Brownish green, oxidized fresh intrusive with abundant quartz eyes.	029896	10.00	12.00	2.00
				029897	12.00	14.00	2.00
14.00	16.00		15% white, pyritic quartz feldspar porphyry.	029898	14.00	16.00	2.00
				029899	16.00	18.00	2.00
				029900	18.00	20.00	2.00
				029901	20.00	22.00	2.00
				029902	22.00	24.00	2.00
				029903	24.00	26.00	2.00
				029904	26.00	28.00	2.00
				029905	28.00	30.00	2.00
				029906	30.00	32.00	2.00
				029907	32.00	34.00	2.00
32.40	33.60	QFP	White, pyritic quartz feldspar porphyry.	029908	34.00	36.00	2.00
				029909	36.00	38.00	2.00
				029910	38.00	40.00	2.00
				029911	40.00	42.00	2.00
				029912	42.00	44.00	2.00
44.00	52.00	ARG	Black, cherty, graphitic argillite with minor pyrite replacement.	029913	44.00	46.00	2.00
				029914	46.00	48.00	2.00
				029915	48.00	50.00	2.00
				029916	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-484
Grid System : ORIGINAL
Collar Eastings : 21124.600
Collar Northings : 19848.400
Collar Elevations : 1020.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous intrusive with 15% white, sulphide poor quartz feldspar porphyry and 5% black cherty argillite.	029917	2.00	4.00	2.00
4.00	28.00	P*INT	Greyish green to brown oxidized fresh intrusive.	029918	4.00	6.00	2.00
				029919	6.00	8.00	2.00
				029920	8.00	10.00	2.00
				029921	10.00	12.00	2.00
				029922	12.00	14.00	2.00
				029923	14.00	16.00	2.00
				029924	16.00	18.00	2.00
				029925	18.00	20.00	2.00
				029926	20.00	22.00	2.00
				029927	22.00	24.00	2.00
				029928	24.00	26.00	2.00
				029929	26.00	28.00	2.00
28.00	44.00	INT	Limonitic, siliceous intrusive.				
28.00	30.00		15% pyritic white quartz feldspar porphyry	029930	28.00	30.00	2.00
30.00	32.00		50% pyritic white quartz feldspar porphyry	029931	30.00	32.00	2.00
				029932	32.00	34.00	2.00
34.00	38.00		50% white pyritic quartz feldspar porphyry	029933	34.00	36.00	2.00
				029934	36.00	38.00	2.00
				029935	38.00	40.00	2.00
				029936	40.00	42.00	2.00
41.50	42.00	ARG	Black cherty argillite with minor disseminated pyrite.	029937	42.00	44.00	2.00
42.80	44.00	ARG	Black cherty argillite with minor disseminated pyrite.				
44.00	46.00	ARG	Black cherty argillite with minor disseminated pyrite.	029938	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-465
Grid System : ORIGINAL
Collar Eastings : 21228.800
Collar Northings : 19957.300
Collar Elevations : 1046.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 56.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Moderately to pervasively oxidized, limonitic feldspar porphyritic siliceous intrusive rock.				
2.00	8.00		10-35% quartz feldspar porphyry.	029939	2.00	4.00	2.00
				029940	4.00	6.00	2.00
				029941	6.00	8.00	2.00
				029942	8.00	10.00	2.00
10.00	18.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock. Weakly to moderately oxidized.	029943	10.00	12.00	2.00
				029944	12.00	14.00	2.00
				029945	14.00	16.00	2.00
				029946	16.00	18.00	2.00
18.00	38.00	INT	Moderately to pervasively oxidized, limonitic feldspar porphyritic siliceous intrusive rock.				
18.00	22.00		10-20% intrusive with unaltered biotite. NOTE: 36-38m, 40% quartz feldspar porphyry	029947	18.00	20.00	2.00
				029948	20.00	22.00	2.00
				029949	22.00	24.00	2.00
				029950	24.00	26.00	2.00
				029951	26.00	28.00	2.00
				029952	28.00	30.00	2.00
				029953	30.00	32.00	2.00
				029954	32.00	34.00	2.00
				029955	34.00	36.00	2.00
				029956	36.00	38.00	2.00
37.80	38.00	SEDS	Grey coloured, very fine grained quartzite and black cherty argillite.				
38.00	48.00	SEDS	Grey coloured, very fine grained quartzite and black cherty argillite.	029957	38.00	40.00	2.00
				029958	40.00	42.00	2.00
				029959	42.00	44.00	2.00
				029960	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-485

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
46.00	48.00		30% biotite rich siliceous intrusive rock.	029961	46.00	48.00	2.00
48.00	56.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock.	029962	48.00	50.00	2.00
				029963	50.00	52.00	2.00
				029964	52.00	54.00	2.00
				029965	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-486
Grid System : ORIGINAL
Collar Eastings : 21287.800
Collar Northings : 19869.900
Collar Elevations : 1028.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 68.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	36.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral.	029966	2.00	4.00	2.00
				029967	4.00	6.00	2.00
				029968	6.00	8.00	2.00
				029969	8.00	10.00	2.00
				029970	10.00	12.00	2.00
				029971	12.00	14.00	2.00
				029972	14.00	16.00	2.00
				029973	16.00	18.00	2.00
				029974	18.00	20.00	2.00
				029975	20.00	22.00	2.00
				029976	22.00	24.00	2.00
				029977	24.00	26.00	2.00
26.00	32.00		Less than 5% to 40% quartz feldspar porphyry.	029978	26.00	28.00	2.00
				029979	28.00	30.00	2.00
				029980	30.00	32.00	2.00
				029981	32.00	34.00	2.00
				029982	34.00	36.00	2.00
36.00	44.00	P*INT	Medium to dark grey coloured biotite feldspar porphyritic siliceous intrusive rock.	029983	36.00	38.00	2.00
				029984	38.00	40.00	2.00
				029985	40.00	42.00	2.00
				029986	42.00	44.00	2.00
44.00	54.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Biotite is altered to white clay mineral.	029987	44.00	46.00	2.00
46.00	50.00		20-35% quartz feldspar porphyry.	029988	46.00	48.00	2.00
				029989	48.00	50.00	2.00
				029990	50.00	52.00	2.00
52.00	54.00		Biotite is partially altered to clay.	029991	52.00	54.00	2.00
54.00	56.00	P*INT	Biotite feldspar porphyritic siliceous	029992	54.00	56.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-486

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			intrusive rock.				
56.00	62.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Biotite altered to white clay mineral.	029993	56.00	58.00	2.00
				029994	58.00	60.00	2.00
				029995	60.00	62.00	2.00
				029996	62.00	64.00	2.00
				029997	64.00	66.00	2.00
				029998	66.00	68.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-487
Grid System : ORIGINAL
Collar Eastings : 21279.700
Collar Northings : 19924.700
Collar Elevations : 1026.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Moderately to pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Rare quartz eyes.	029999	2.00	4.00	2.00
				030000	4.00	6.00	2.00
				030001	6.00	8.00	2.00
				030002	8.00	10.00	2.00
				030003	10.00	12.00	2.00
12.00	16.00	QFP	Partially oxidized, limonitic white siliceous quartz feldspar porphyry. Minor disseminated massive pyrite.	030004	12.00	14.00	2.00
				030005	14.00	16.00	2.00
16.00	18.00	INT	Moderately to pervasively oxidized limonitic biotite feldspar porphyritic siliceous intrusive rock. Rare quartz eyes.	030006	16.00	18.00	2.00
17.60	18.00	ARG	Black, siliceous argillite.				
18.00	28.00	ARG	Black, siliceous argillite.	030007	18.00	20.00	2.00
				030008	20.00	22.00	2.00
				030009	22.00	24.00	2.00
				030010	24.00	26.00	2.00
24.40	25.60		Limonitic intrusive.	030011	26.00	28.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-488
Grid System : ORIGINAL
Collar Eastings : 21325.700
Collar Northings : 19910.200
Collar Elevations : 1010.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	10.00	INT	Pervasively oxidized, limonitic feldspar	030012	4.00	6.00	2.00
			porphyritic siliceous intrusive rock.	030013	6.00	8.00	2.00
			Abundant quartz eyes.	030014	8.00	10.00	2.00
10.00	30.00	SEDS	Black, fissile argillite and brown, soft	030015	10.00	12.00	2.00
			siltstone. Limonitic fracture surfaces.	030016	12.00	14.00	2.00
12.40	13.60	INT	Limonitic intrusive.	030017	14.00	16.00	2.00
				030018	16.00	18.00	2.00
				030019	18.00	20.00	2.00
				030020	20.00	22.00	2.00
				030021	22.00	24.00	2.00
				030022	24.00	26.00	2.00
				030023	26.00	28.00	2.00
				030024	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-489
Grid System : ORIGINAL
Collar Eastings : 21325.700
Collar Northings : 19908.700
Collar Elevations : 1010.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Rare quartz eyes Biotite altered to clay.	030025	2.00	4.00	2.00
				030026	4.00	6.00	2.00
				030027	6.00	8.00	2.00
				030028	8.00	10.00	2.00
				030029	10.00	12.00	2.00
				030030	12.00	14.00	2.00
12.60	13.30	ARG	Black, siliceous argillite.	030031	14.00	16.00	2.00
				030032	16.00	18.00	2.00
				030033	18.00	20.00	2.00
18.80	20.00	ARG	Black, fissile argillite.				
20.00	22.00	ARG	Black fissile argillite.	030034	20.00	22.00	2.00
22.00	24.00	INT	Limonitic intrusive.				
22.00	22.10	ARG	Black fissile argillite.	030035	22.00	24.00	2.00
24.00	26.00	ARG	Black siliceous argillite.	030036	24.00	26.00	2.00
26.00	28.00	INT	Pervasively oxidized, limonitic biotite feldspar porphyritic siliceous intrusive rock. Rare quartz eyes. Biotite altered to clay.	030037	26.00	28.00	2.00
28.00	40.00	ARG	Black siliceous argillite.	030038	28.00	30.00	2.00
				030039	30.00	32.00	2.00
				030040	32.00	34.00	2.00
				030041	34.00	36.00	2.00
				030042	36.00	38.00	2.00
				030043	38.00	40.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-490
Grid System : ORIGINAL
Collar Eastings : 21326.100
Collar Northings : 19883.500
Collar Elevations : 1013.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	44.00	INT	Oxidized limonitic siliceous feldspar porphyritic intrusion. Biotite altered to clay, rare quartz eyes. NOTE: 4-6 m, contains less than 5% grey chert.	030044	2.00	4.00	2.00
				030045	4.00	6.00	2.00
6.00	44.00		10-50% quartz feldspar porphyry with less than 5% disseminated sulphides.	030046	6.00	8.00	2.00
				030047	8.00	10.00	2.00
				030048	10.00	12.00	2.00
				030049	12.00	14.00	2.00
				030050	14.00	16.00	2.00
				030051	16.00	18.00	2.00
				030052	18.00	20.00	2.00
				030053	20.00	22.00	2.00
				030054	22.00	24.00	2.00
				030055	24.00	26.00	2.00
				030056	26.00	28.00	2.00
				030057	28.00	30.00	2.00
				030058	30.00	32.00	2.00
				030059	32.00	34.00	2.00
				030060	34.00	36.00	2.00
				030061	36.00	38.00	2.00
				030062	38.00	40.00	2.00
				030063	40.00	42.00	2.00
				030064	42.00	44.00	2.00
44.00	52.00	ARG	Black, cherty, graphitic argillite with trace disseminated pyrite.				
44.00	44.80	INT	Limonitic siliceous intrusive.	030065	44.00	46.00	2.00
				030066	46.00	48.00	2.00
				030067	48.00	50.00	2.00
				030068	50.00	52.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-491
Grid System : ORIGINAL
Collar Eastings : 21324.100
Collar Northings : 19860.200
Collar Elevations : 1017.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	F*INT	Dark grey coloured, biotite feldspar porphyritic siliceous intrusive rock. Abundant quartz eyes.	030069	2.00	4.00	2.00
				030070	4.00	6.00	2.00
6.00	16.00	INT	Pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely clay altered.	030071	6.00	8.00	2.00
				030072	8.00	10.00	2.00
				030073	10.00	12.00	2.00
				030074	12.00	14.00	2.00
14.00	16.00		25% quartz feldspar porphyry.	030075	14.00	16.00	2.00
16.00	20.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock.	030076	16.00	18.00	2.00
18.00	20.00		Moderately oxidized.	030077	18.00	20.00	2.00
20.00	36.00	INT	Pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely clay altered.				
20.00	26.00		10-30% quartz feldspar porphyry.	030078	20.00	22.00	2.00
				030079	22.00	24.00	2.00
				030080	24.00	26.00	2.00
				030081	26.00	28.00	2.00
28.00	30.00		40% quartz feldspar porphyry.	030082	28.00	30.00	2.00
				030083	30.00	32.00	2.00
				030084	32.00	34.00	2.00
				030085	34.00	36.00	2.00
36.00	46.00	F*INT	Biotite feldspar porphyritic siliceous intrusive rock.	030086	36.00	38.00	2.00
38.00	40.00		Moderately oxidized.	030087	38.00	40.00	2.00
				030088	40.00	42.00	2.00
				030089	42.00	44.00	2.00
				030090	44.00	46.00	2.00
46.00	50.00	QFP	White to light grey siliceous quartz feld-	030091	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-491

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			spar porphyry. Medium grained pyrite.	030092	48.00	50.00	2.00
50.00	56.00	F*INT	BIotite feldspar porphyritic siliceous intrusive rock.	030093	50.00	52.00	2.00
				030094	52.00	54.00	2.00
				030095	54.00	56.00	2.00
56.00	60.00	INT	Pervasively oxidized quartz feldspar porphyritic siliceous intrusive rock. Biotite is partially to completely caly altered. Contains 15-30% quartz feldspar porphyry with disseminated sulphides.	030096	56.00	58.00	2.00
				030097	58.00	60.00	2.00
60.00	64.00	ARG	Black, siliceous graphitic argillite.	030098	60.00	62.00	2.00
				030099	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCBC 91-492
Grid System : ORIGINAL
Collar Eastings : 22046.300
Collar Northings : 19461.300
Collar Elevations : 887.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	SEDS	Grey phyllitic silitstone and black fissle shale.	030100	2.00	4.00	2.00
4.00	6.00		Shale abundance increases to > 70%.	030101	4.00	6.00	2.00
6.00	32.00	ARG	Black, siliceous graphitic argillite.	030102	6.00	8.00	2.00
				030103	8.00	10.00	2.00
				030104	10.00	12.00	2.00
				030105	12.00	14.00	2.00
				030106	14.00	16.00	2.00
				030107	16.00	18.00	2.00
				030108	18.00	20.00	2.00
				030109	20.00	22.00	2.00
				030110	22.00	24.00	2.00
				030111	24.00	26.00	2.00
				030112	26.00	28.00	2.00
				030113	28.00	30.00	2.00
				030114	30.00	32.00	2.00
32.00	34.00	QFP	White siliceous quartz feldspar porphyry with finely disseminated sulphides.	030115	32.00	34.00	2.00
33.20	34.00	ARG	Black, siliceous graphitic argillite.				
34.00	38.00	ARG	Black, siliceous graphitic argillite.	030116	34.00	36.00	2.00
				030117	36.00	38.00	2.00
38.00	40.00	QFP	White siliceous quartz feldspar porphyry with finely disseminated sulphides.				
38.00	38.30	ARG	Black, siliceous graphitic argillite.	030118	38.00	40.00	2.00

HORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-493
Grid System : ORIGINAL
Collar Eastings : 22046.100
Collar Northings : 19440.800
Collar Elevations : 887.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	6.00	Casing	Casing				
2.00	6.00		Not sampled.	030119	4.00	6.00	2.00
6.00	40.00	ARG	Black, fissile argillite with limonite on	030120	6.00	8.00	2.00
			fracture surfaces. Minor stockwork	030121	8.00	10.00	2.00
			throughout.	030122	10.00	12.00	2.00
				030123	12.00	14.00	2.00
				030124	14.00	16.00	2.00
16.00	40.00		Graphitic argillite.	030125	16.00	18.00	2.00
				030126	18.00	20.00	2.00
				030127	20.00	22.00	2.00
				030128	22.00	24.00	2.00
				030129	24.00	26.00	2.00
				030130	26.00	28.00	2.00
				030131	28.00	30.00	2.00
				030132	30.00	32.00	2.00
				030133	32.00	34.00	2.00
				030134	34.00	36.00	2.00
				030135	36.00	38.00	2.00
				030136	38.00	40.00	2.00

BORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-494
Grid System : ORIGINAL
Collar Eastings : 22046.100
Collar Northings : 19411.100
Collar Elevations : 883.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	20.00	SEDS	Dark brown fissile shale. Limonite on fracture surfaces.	030136	4.00	6.00	2.00
				030137	6.00	8.00	2.00
				030138	8.00	10.00	2.00
				030139	10.00	12.00	2.00
				030140	12.00	14.00	2.00
				030141	14.00	16.00	2.00
				030142	16.00	18.00	2.00
				030143	18.00	20.00	2.00
20.00	40.00	ARG	Black, fissile, slightly graphitic argillite. Minor pyrite replacement.	030144	20.00	22.00	2.00
				030145	22.00	24.00	2.00
				030146	24.00	26.00	2.00
				030147	26.00	28.00	2.00
				030148	28.00	30.00	2.00
				030149	30.00	32.00	2.00
				030150	32.00	34.00	2.00
				030151	34.00	36.00	2.00
				030152	36.00	38.00	2.00
				030153	38.00	40.00	2.00

MORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. . BCRC 91-495
Grid System : ORIGINAL
Collar Eastings : 21998.400
Collar Northings : 19522.100
Collar Elevations : 911.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous intrusive.	030154	2.00	4.00	2.00
4.00	16.00	F*INT	Limonitic fresh intrusive.	030155	4.00	6.00	2.00
				030156	6.00	8.00	2.00
				030157	8.00	10.00	2.00
				030158	10.00	12.00	2.00
				030159	12.00	14.00	2.00
				030160	14.00	16.00	2.00
16.00	24.00	INT	Limonitic, siliceous intrusive with 5-10% pyritic quartz feldspar porphyry.	030161	16.00	18.00	2.00
				030162	18.00	20.00	2.00
				030163	20.00	22.00	2.00
				030164	22.00	24.00	2.00
24.00	30.00	ARG	Black, siliceous to fissile, graphitic argillite with minor pyrite replacement.	030165	24.00	26.00	2.00
				030166	26.00	28.00	2.00
				030167	28.00	30.00	2.00
29.00	30.00	QFP	White, pyritic quartz feldspar porphyry.				
30.00	34.00	INT	Limonitic, siliceous intrusive with 40% quartz feldspar porphyry and 10% black siliceous argillite.	030168	30.00	32.00	2.00
				030169	32.00	34.00	2.00
34.00	40.00	ARG	Black, fissile to siliceous graphitic argillite with abundant finely disseminated pyrite.	030170	34.00	36.00	2.00
				030171	36.00	38.00	2.00
				030172	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-496
Grid System : ORIGINAL
Collar Eastings : 21995.700
Collar Northings : 19497.600
Collar Elevations : 907.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Limonitic, potassium feldspar rich intrusive.				
2.00	3.30	ARG	Black siliceous argillite with 30% tan, aphanitic, chert.	030173	2.00	4.00	2.00
				030174	4.00	6.00	2.00
				030175	6.00	8.00	2.00
				030176	8.00	10.00	2.00
				030177	10.00	12.00	2.00
				030178	12.00	14.00	2.00
				030179	14.00	16.00	2.00
14.20	15.80	F*INT	Limonitic fresh intrusive.	030180	16.00	18.00	2.00
18.00	24.00	F*INT	Limonitic fresh intrusive. Biotites black to brown.	030181	18.00	20.00	2.00
				030182	20.00	22.00	2.00
				030183	22.00	24.00	2.00
22.50	23.50	ARG	Black, siliceous argillite.				
24.00	30.00	INT	Limonitic, siliceous intrusive.	030184	24.00	26.00	2.00
				030185	26.00	28.00	2.00
				030186	28.00	30.00	2.00
29.00	30.00	ARG	Black, siliceous, slightly graphitic argillite.				
30.00	36.00	ARG	Black, siliceous, slightly grphitic argillite.	030187	30.00	32.00	2.00
				030188	32.00	34.00	2.00
				030189	34.00	36.00	2.00
35.40	36.00	QFP	White to yellow, pyritic quartz feldspar porphyry.				
36.00	42.00	QFP	White, pyritic quartz feldspar porphyry with 15% limonitic intrusive.	030190	36.00	38.00	2.00
				030191	38.00	40.00	2.00
				030192	40.00	42.00	2.00
41.20	42.00	ARG	Black, siliceous, slightly graphitic argillite.				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-496

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
42.00	52.00	ARG	Black, fissile to siliceous, graphitic argillite with finely disseminated pyrite.	030193	42.00	44.00	2.00
				030194	44.00	46.00	2.00
				030195	46.00	48.00	2.00
				030196	48.00	50.00	2.00
				030197	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-497
Grid System : ORIGINAL
Collar Eastings : 21992.100
Collar Northings : 19467.300
Collar Elevations : 902.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Limonitic, siliceous, quartz eye rich intrusive.	030198	2.00	4.00	2.00
				030199	4.00	6.00	2.00
				030200	6.00	8.00	2.00
				030201	8.00	10.00	2.00
				030202	10.00	12.00	2.00
11.70	12.00	ARG	Black, siliceous argillite.				
12.00	16.00	ARG	Black, fissile argillite with finely disseminated pyrite.	030203	12.00	14.00	2.00
				030204	14.00	16.00	2.00
16.00	36.00	INT	Limonitic, siliceous intrusive with minor quartz eyes.	030205	16.00	18.00	2.00
				030206	18.00	20.00	2.00
20.00	22.00		25% white pyritic quartz feldspar porphyry, trace stibnite.	030207	20.00	22.00	2.00
				030208	22.00	24.00	2.00
				030209	24.00	26.00	2.00
				030210	26.00	28.00	2.00
				030211	28.00	30.00	2.00
30.00	32.00		90% pyritic quartz feldspar porphyry, 5% massive stibnite.	030212	30.00	32.00	2.00
32.00	34.00		30% quartz feldspar porphyry, traces of stibnite.	030213	32.00	34.00	2.00
34.00	36.00		10% fresh intrusive.	030214	34.00	36.00	2.00
36.00	38.00	QFP	White, pyritic quartz feldspar porphyry.	030215	36.00	38.00	2.00
38.00	46.00	ARG	Black, fissile to siliceous, graphitic argillite with finely disseminated pyrite.	030216	38.00	40.00	2.00
				030217	40.00	42.00	2.00
				030218	42.00	44.00	2.00
				030219	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-498
Grid System : ORIGINAL
Collar Eastings : 21994.400
Collar Northings : 19448.100
Collar Elevations : 898.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
2.00	20.00	Casing	Pervasively oxidized, limonitic siliceous feldspar porphyry intrusion. Occasional quartz eyes.				
2.00	10.00		5-10% black laminated fisslie siliceous argillite with trace stockworking.	030220	2.00	4.00	2.00
				030221	4.00	6.00	2.00
			NOTE: 16-20m, 25-30% quartz feldspar porphyry with pyrite traces within stockwork.	030222	6.00	8.00	2.00
				030223	8.00	10.00	2.00
				030224	10.00	12.00	2.00
				030225	12.00	14.00	2.00
				030226	14.00	16.00	2.00
				030227	16.00	18.00	2.00
				030228	18.00	20.00	2.00
19.50	20.00	ARG	Black siliceous argillite.				
20.00	22.00	ARG	Siliceous fissile argillite with disseminated pyrite, and rare massive stibnite.	030229	20.00	22.00	2.00
22.00	28.00	INT	Pervasively oxidized, limonitic siliceous feldspar porphyry intrusion. Occasional quartz eyes.				
22.00	26.00		15% quartz feldspar porphyry finely disseminated pyrite.	030230	22.00	24.00	2.00
				030231	24.00	26.00	2.00
26.00	28.00		50% quartz feldspar porphyry finely disseminated pyrite.	030232	26.00	28.00	2.00
28.00	50.00	QFP	Unoxidized grey quartz feldspar porphyry with occasinal pyrite cubes and flakes, increases in pyrite oxidation downhole.				
28.00	36.00		5-15% siliceous intrusive with 1% disseminated pyrite.	030233	28.00	30.00	2.00
				030234	30.00	32.00	2.00
				030235	32.00	34.00	2.00
				030236	34.00	36.00	2.00
				030237	36.00	38.00	2.00
				030238	38.00	40.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-498

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030239	40.00	42.00	2.00
				030240	42.00	44.00	2.00
44.00	48.00		5-10% dark grey fresh intrusive with fresh biotite.	030241	44.00	46.00	2.00
				030242	46.00	48.00	2.00
				030243	48.00	50.00	2.00
49.40	50.00	F*INT	Dark grey siliceous intrusive with fresh biotite.				
50.00	56.00	F*INT	Dark grey fresh intrusive with fresh biotite.				
50.00	52.00		20% quartz feldspar porphyry with rare disseminated pyrite.	030244	50.00	52.00	2.00
				030245	52.00	54.00	2.00
52.90	53.10	ARG	Soft to siliceous fissile graphitic argillite with disseminated pyrite.	030246	54.00	56.00	2.00
55.40	56.00	ARG	Soft to siliceous fissile graphitic argillite with disseminated pyrite. NOTE: 54-56m, 15% quartz feldspar porphyry with rare disseminated sulphides.				
56.00	58.00	ARG	Soft to siliceous fissile graphitic argillite with disseminated pyrite which occasionally coats fracture surfaces.	030247	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-499
Grid System : ORIGINAL
Collar Eastings : 21811.900
Collar Northings : 19507.800
Collar Elevations : 936.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -70.00
Grid Bearing : 154.00
Final Depth : 102.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	26.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	030248	2.00	4.00	2.00
4.00	5.90	F*INT	Black biotite rich limonitic intrusive.	030249	4.00	6.00	2.00
				030250	6.00	8.00	2.00
8.00	10.00		30% fresh intrusive, 10% black siliceous argillite.	030251	8.00	10.00	2.00
				030252	10.00	12.00	2.00
				030253	12.00	14.00	2.00
				030254	14.00	16.00	2.00
				030255	16.00	18.00	2.00
				030256	18.00	20.00	2.00
18.50	19.50	F*INT	Limonitic black biotite rich intrusive.	030257	20.00	22.00	2.00
				030258	22.00	24.00	2.00
				030259	24.00	26.00	2.00
26.00	40.00	F*INT	Grey to limonitic black biotite rich intrusive.	030260	26.00	28.00	2.00
				030261	28.00	30.00	2.00
				030262	30.00	32.00	2.00
				030263	32.00	34.00	2.00
				030264	34.00	36.00	2.00
36.00	38.00		80% limonitic intrusive and pyritic quartz feldspar porphyry.	030265	36.00	38.00	2.00
				030266	38.00	40.00	2.00
40.00	78.00	QFP	Grey, pyritic quartz feldspar porphyry.				
40.00	56.00		5-10% limonitic intrusive.	030267	40.00	42.00	2.00
				030268	42.00	44.00	2.00
				030269	44.00	46.00	2.00
				030270	46.00	48.00	2.00
				030271	48.00	50.00	2.00
				030272	50.00	52.00	2.00
				030273	52.00	54.00	2.00
				030274	54.00	56.00	2.00
				030275	56.00	58.00	2.00
				030276	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-499

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030277	60.00	62.00	2.00
				030278	62.00	64.00	2.00
				030279	64.00	66.00	2.00
64.80	65.20	ARG	Black siliceous, pyritic argillite.	030280	66.00	68.00	2.00
				030281	68.00	70.00	2.00
				030282	70.00	72.00	2.00
				030283	72.00	74.00	2.00
				030284	74.00	76.00	2.00
				030285	76.00	78.00	2.00
78.00	98.00	ARG	Black, fissile to siliceous, graphitic argillite with disseminated pyrite.				
78.00	79.00	QFP	Grey pyritic quartz feldspar porphyry.	030286	78.00	80.00	2.00
				030287	80.00	82.00	2.00
80.50	81.50	QFP	Grey pyritic quartz feldspar porphyry.	030288	82.00	84.00	2.00
				030289	84.00	86.00	2.00
				030290	86.00	88.00	2.00
				030291	88.00	90.00	2.00
88.20	89.80	QFP	Grey pyritic quartz feldspar porphyry.	030292	90.00	92.00	2.00
				030293	92.00	94.00	2.00
				030294	94.00	96.00	2.00
				030295	96.00	98.00	2.00
98.00	102.00	QFP	Grey, pyritic quartz feldspar porphyry with abundant white altered biotites.	030296	98.00	100.00	2.00
				030297	100.00	102.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-500
Grid System : ORIGINAL
Collar Eastings : 21701.900
Collar Northings : 19585.000
Collar Elevations : 923.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		Not sampled.				
4.00	40.00	INT	Limonitic to weakly limonitic intrusive with 10-50% pyritic grey quartz feldspar porphyry.				
4.00	5.80	F*INT	Limonitic fresh intrusive.	030298	4.00	6.00	2.00
				030299	6.00	8.00	2.00
8.00	9.90	F*INT	Limonitic fresh intrusive.	030300	8.00	10.00	2.00
				030301	10.00	12.00	2.00
				030302	12.00	14.00	2.00
				030303	14.00	16.00	2.00
				030304	16.00	18.00	2.00
18.00	19.90	F*INT	Grey fresh intrusive.	030305	18.00	20.00	2.00
				030306	20.00	22.00	2.00
				030307	22.00	24.00	2.00
				030308	24.00	26.00	2.00
24.10	25.90	F*INT	Limonitic fresh intrusive.	030309	26.00	28.00	2.00
26.60	27.40	F*INT	Limonitic fresh intrusive.	030310	28.00	30.00	2.00
				030311	30.00	32.00	2.00
				030312	32.00	34.00	2.00
				030313	34.00	36.00	2.00
				030314	36.00	38.00	2.00
				030315	38.00	40.00	2.00
40.00	48.00	QPP	Grey, pyritic quartz feldspar porphyry with 5-10% limonitic intrusive.	030316	40.00	42.00	2.00
				030317	42.00	44.00	2.00
				030318	44.00	46.00	2.00
				030319	46.00	48.00	2.00
48.00	52.00	ARG	Black, siliceous, graphitic argillite with finely disseminated pyrite and occasional chips almost completely replaced with pyrite.				
48.00	48.80	QPP	Grey, pyritic quartz feldspar porphyry	030320	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-50C

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with 5-10% limonitic intrusive.	030321	50.00	52.00	2.00

NORANDA EXPLORATION CO.

DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-501
Grid System : ORIGINAL
Collar Eastings : 21705.500
Collar Northings : 19535.700
Collar Elevations : 937.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination . -60.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	SEDS	Grey to black, soft fissile partly oxidized shale with trace amounts of disseminated sulphides, likely pyrite.	030322	2.00	4.00	2.00
				030323	4.00	6.00	2.00
6.00	8.00	INT	Pervasively oxidized siliceous feldspar porphyritic intrusive rock with rare quartz eyes, few weathered biotites and no black biotite.	030324	6.00	8.00	2.00
6.90	7.10	ARG	Soft to siliceous fissile argillite with a trace of disseminated sulphides.				
8.00	16.00	P'INT	Occasionaly limonitic siliceous grey fresh intrusive with abundant black biotite and few altered biotites.	030325	8.00	10.00	2.00
				030326	10.00	12.00	2.00
				030327	12.00	14.00	2.00
				030328	14.00	16.00	2.00
16.00	22.00	INT	Pervasively oxidized siliceous feldspar porphyritic intrusion with trace amounts of pyrite crystals.	030329	16.00	18.00	2.00
17.90	18.06	ARG	Soft fissile graphitic argillite with trace disseminated pyrite.	030330	18.00	20.00	2.00
18.40	19.60	ARG	Soft fissile graphitic argillite with trace disseminated pyrite.				
20.00	20.50	ARG	Soft fissile graphitic argillite with trace disseminated pyrite. Some chips partly siliceous.	030331	20.00	22.00	2.00
22.00	42.00	QFP	White to dark grey quartz feldspar porphyry with feldspar phenocrysts altered to clay, disseminated pyriet and rare quartz eyes.	030332	22.00	24.00	2.00
				030333	24.00	26.00	2.00
				030334	26.00	28.00	2.00
				030335	28.00	30.00	2.00
				030336	30.00	32.00	2.00
				030337	32.00	34.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-501

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030338	34.00	36.00	2.00
				030339	36.00	38.00	2.00
				030340	38.00	40.00	2.00
				030341	40.00	42.00	2.00
41.60	42.00	ARG	Soft to partly siliceous fissile graphitic argillite with finely disseminated sulphides.				
42.00	48.00	ARG	Soft to partly siliceous fissile graphitic argillite with finely disseminated sulphides.				
42.00	46.00		5-15% White to dark grey quartz feldspar porphyry with feldspar phenocrysts altered to clay, disseminated pyrite, and rare quartz eyes.	030342	42.00	44.00	2.00
				030343	44.00	46.00	2.00
				030344	46.00	48.00	2.00
48.00	54.00	QFP	White to dark grey quartz feldspar porphyry with feldspar phenocrysts altered to clay, disseminated pyrite, and rare quartz eyes. 5% soft to partly siliceous fissile graphitic argillite with finely disseminated sulphides.	030345	48.00	50.00	2.00
50.00	52.00		Green alteration in one feldspar crystal.	030346	50.00	52.00	2.00
				030347	52.00	54.00	2.00
53.50	54.00	F*INT	Black biotite rich, dark grey feldspar porphyritic intrusion.				
54.00	58.00	F*INT	Black biotite rich, dark grey feldspar porphyritic intrusion with silicification ranging from moderate to pervasive.				
54.00	58.00		15-30% white to dark grey quartz feldspar porphyry with feldspar phenocrysts altered to clay, and rare quartz eyes.	030348	54.00	56.00	2.00
				030349	56.00	58.00	2.00
58.00	70.00	QFP	Grey quartz feldspar porphyry with altered feldspar, white biotite, disseminated pyrite and arsenopyrite, occasionally oxidized.	030350	58.00	60.00	2.00
				030351	60.00	62.00	2.00
				030352	62.00	64.00	2.00
				030353	64.00	66.00	2.00
				030354	66.00	68.00	2.00
68.00	70.00		Occasional black biotite is present within altered intrusive.	030355	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-501

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
70.00	72.00	F*INT	Dark grey, rarely limonitic intrusive with both black and altered biotite and finely disseminated sulphides.	030356	70.00	72.00	2.00
72.00	74.00	QFP	Grey quartz feldspar porphyry with altered feldspar, white biotite, disseminated pyrite and arsenopyrite occasionally oxidized.				
72.00	72.60	F*INT	Dark grey, rarely limonitic intrusive with both black and altered biotite and finely disseminated sulphides. 20% of biotites still black.	030357	72.00	74.00	2.00
74.00	82.00	ARG	Siliceous fissile graphitic argillite with disseminated sulphides occasionally coating surfaces.				
74.00	82.00		5-10% grey quartz feldspar porphyry with altered feldspar, white biotite, disseminated pyrite and arsenopyrite occasionally oxidized.	030358	74.00	76.00	2.00
				030359	76.00	78.00	2.00
				030360	78.00	80.00	2.00
				030361	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-502
Grid System : ORIGINAL
Collar Eastings : 21702.200
Collar Northings : 19562.100
Collar Elevations : 933.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	8.00	Casing	Casing				
2.00	8.00		Not sampled				
8.00	26.00	INT	Limonitic, siliceous intrusive.	030362	8.00	10.00	2.00
				030363	10.00	12.00	2.00
				030364	12.00	14.00	2.00
				030365	14.00	16.00	2.00
				030366	16.00	18.00	2.00
				030367	18.00	20.00	2.00
20.00	22.00		Abundant quartz eyes.	030368	20.00	22.00	2.00
				030369	22.00	24.00	2.00
				030370	24.00	26.00	2.00
26.00	32.00	QFP	White to yellow, sulphide poor quartz feldspar porphyry.	030371	26.00	28.00	2.00
28.00	32.00		40% yellowish green intrusive with black biotites.	030372	28.00	30.00	2.00
				030373	30.00	32.00	2.00
32.00	34.00	F*INT	Green intrusive with abundant black biotites.	030374	32.00	34.00	2.00
34.00	58.00	QFP	White to yellow, quartz feldspar porphyry with white weathered biotites and minor arsenopyrite and pyrite.	030375	34.00	36.00	2.00
				030376	36.00	38.00	2.00
				030377	38.00	40.00	2.00
				030378	40.00	42.00	2.00
				030379	42.00	44.00	2.00
				030380	44.00	46.00	2.00
46.00	48.00		3% black siliceous argillite	030381	46.00	48.00	2.00
				030382	48.00	50.00	2.00
				030383	50.00	52.00	2.00
				030384	52.00	54.00	2.00
				030385	54.00	56.00	2.00
56.00	58.00		30% fresh intrusive, 5% black siliceous argillite.	030386	56.00	58.00	2.00
58.00	66.00	F*INT	Grey green, black biotite rich intrusive.	030387	58.00	60.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-502

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030388	60.00	62.00	2.00
				030389	62.00	64.00	2.00
				030390	64.00	66.00	2.00
65.00	66.00	ARG	Black, fissile, graphitic argillite with disseminated pyrite and/or arsenopyrite.				
66.00	76.00	ARG	Black, fissile, graphitic argillite with disseminated pyrite and/or arseonopyrite. 3-5% limonitic intrusive.	030391	66.00	68.00	2.00
68.00	70.00		A few chips are almost completely replaced by arsenopyrite.	030392	68.00	70.00	2.00
				030393	70.00	72.00	2.00
				030394	72.00	74.00	2.00
				030395	74.00	76.00	2.00
74.70	75.30	INT	Limonitic, siliceous intrusive.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-503
Grid System : ORIGINAL
Collar Eastings : 21648.000
Collar Northings : 19687.100
Collar Elevations : 946.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic siliceous feldspar porphyritic intrusion, frequently with white altered biotite.	030396	2.00	4.00	2.00
4.00	40.00	F*INT	Light to dark grey, occasionally limonitic intrusive with abundant black biotite and rare quartz eyes.	030397	4.00	6.00	2.00
				030398	6.00	8.00	2.00
				030399	8.00	10.00	2.00
				030400	10.00	12.00	2.00
				030401	12.00	14.00	2.00
				030402	14.00	16.00	2.00
				030403	16.00	18.00	2.00
				030404	18.00	20.00	2.00
				030405	20.00	22.00	2.00
				030406	22.00	24.00	2.00
				030407	24.00	26.00	2.00
				030408	26.00	28.00	2.00
				030409	28.00	30.00	2.00
				030410	30.00	32.00	2.00
				030411	32.00	34.00	2.00
				030412	34.00	36.00	2.00
				030413	36.00	38.00	2.00
				030414	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-504
Grid System : ORIGINAL
Collar Eastings : 21845.100
Collar Northings : 19678.300
Collar Elevations : 925.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	F*INT	Limonitic black biotite rich intrusive.	030415	2.00	4.00	2.00
4.00	16.00	INT	Limonitic siliceous intrusive.	030416	4.00	6.00	2.00
6.00	10.00		10-20% fresh intrusive.	030417	6.00	8.00	2.00
				030418	8.00	10.00	2.00
				030419	10.00	12.00	2.00
				030420	12.00	14.00	2.00
				030421	14.00	16.00	2.00
16.00	24.00	ARG	Black, fissile argillite with limonitic fracture surfaces.				
16.00	16.80	INT	Limonitic siliceous intrusive.	030422	16.00	18.00	2.00
				030423	18.00	20.00	2.00
				030424	20.00	22.00	2.00
				030425	22.00	24.00	2.00
23.20	24.00	INT	Limonitic siliceous intrusive.				
24.00	32.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	030426	24.00	26.00	2.00
				030427	26.00	28.00	2.00
				030428	28.00	30.00	2.00
				030429	30.00	32.00	2.00
32.00	36.00	QFP	White to grey, pyritic quartz feldspar porphyry.	030430	32.00	34.00	2.00
				030431	34.00	36.00	2.00
36.00	58.00	ARG	Black, siliceous to fissile, graphitic argillite with disseminated pyrite and/or arsenopyrite.	030432	36.00	38.00	2.00
				030433	38.00	40.00	2.00
39.00	41.00	QFP	White to grey, pyritic quartz feldspar porphyry.	030434	40.00	42.00	2.00
				030435	42.00	44.00	2.00
				030436	44.00	46.00	2.00
45.00	47.00	QFP	White to grey, pyritic quartz feldspar porphyry.	030437	46.00	48.00	2.00
				030438	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-504

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030439	50.00	52.00	2.00
				030440	52.00	54.00	2.00
				030441	54.00	56.00	2.00
				030442	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-505
Grid System : ORIGINAL
Collar Eastings : 21852.800
Collar Northings : 19845.500
Collar Elevations : 972.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	32.00	INT	Limonitic, porphyritic intrusive with rare quartz eyes and white altered biotites.				
2.00	6.00		10% limonitic fresh intrusive.	030443	2.00	4.00	2.00
				030444	4.00	6.00	2.00
				030445	6.00	8.00	2.00
				030446	8.00	10.00	2.00
				030447	10.00	12.00	2.00
				030448	12.00	14.00	2.00
				030449	14.00	16.00	2.00
				030450	16.00	18.00	2.00
16.60	18.50	ARG	Black to grey, fissile, limonitic argillite.	030451	18.00	20.00	2.00
				030452	20.00	22.00	2.00
				030453	22.00	24.00	2.00
				030454	24.00	26.00	2.00
				030455	26.00	28.00	2.00
28.00	30.00		40% grey, pyritic quartz feldspar porphyry.	030456	28.00	30.00	2.00
				030457	30.00	32.00	2.00
32.00	40.00	ARG	Black, siliceous, graphitic argillite, disseminated pyrite, especially associated with stockwork.				
32.00	32.60	INT	Limonitic, siliceous intrusive.	030458	32.00	34.00	2.00
32.60	34.00		Argillite is soft and fissile.	030459	34.00	36.00	2.00
				030460	36.00	38.00	2.00
				030461	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-506
Grid System : ORIGINAL
Collar Eastings : 21850.000
Collar Northings : 19820.800
Collar Elevations : 963.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	INT	Limonitic, siliceous intrusive with rare quartz eyes.				
2.00	4.00		5% black, fissile argillite.	030462	2.00	4.00	2.00
				030463	4.00	6.00	2.00
				030464	6.00	8.00	2.00
				030465	8.00	10.00	2.00
				030466	10.00	12.00	2.00
				030467	12.00	14.00	2.00
				030468	14.00	16.00	2.00
				030469	16.00	18.00	2.00
				030470	18.00	20.00	2.00
				030471	20.00	22.00	2.00
				030472	22.00	24.00	2.00
				030473	24.00	26.00	2.00
26.00	28.00		30% white, pyritic quartz feldspar porphyry.	030474	26.00	28.00	2.00
28.00	40.00	ARG	Black, fissile to siliceous, graphitic argillite.	030475	28.00	30.00	2.00
				030476	30.00	32.00	2.00
32.00	34.00		15% limonitic, siliceous intrusive.	030477	32.00	34.00	2.00
34.00	40.00		Disseminated pyrite.	030478	34.00	36.00	2.00
				030479	36.00	38.00	2.00
				030480	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-507
Grid System : ORIGINAL
Collar Eastings : 21844.500
Collar Northings : 19788.300
Collar Elevations : 959.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous intrusive.	030481	2.00	4.00	2.00
2.90	3.10	ARG	Black, siliceous argillite.				
4.00	6.00	N/S	No sample				
6.00	20.00	INT	Limonitic, siliceous intrusive with rare quartz eyes.	030482	6.00	8.00	2.00
6.90	7.10	ARG	Black, siliceous argillite with disseminated pyrite.				
8.00	10.00		No chips recovered.	030483	8.00	10.00	2.00
				030484	10.00	12.00	2.00
10.80	11.20	ARG	Black, siliceous argillite with disseminated pyrite.	030485	12.00	14.00	2.00
12.90	13.10	ARG	Black, siliceous argillite with disseminated pyrite.	030486	14.00	16.00	2.00
				030487	16.00	18.00	2.00
				030488	18.00	20.00	2.00
19.20	20.00	ARG	Black, siliceous argillite with disseminated pyrite.				
20.00	32.00	ARG	Black, siliceous, graphitic argillite.				
20.00	20.60	INT	Limonitic, siliceous intrusive.	030489	20.00	22.00	2.00
22.00	30.00		30-40% dark grey soft, fissile shale.	030490	22.00	24.00	2.00
				030491	24.00	26.00	2.00
				030492	26.00	28.00	2.00
				030493	28.00	30.00	2.00
				030494	30.00	32.00	2.00
32.00	38.00	INT	Limonitic, siliceous intrusive.				
32.00	33.00	ARG	Black, graphitic, siliceous argillite.	030495	32.00	34.00	2.00
34.00	36.00		50% white, pyritic, quartz feldspar porphyry.	030496	34.00	36.00	2.00
				030497	36.00	38.00	2.00
38.00	46.00	ARG	Black, siliceous, graphitic argillite with	030498	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-507

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			disseminated pyrite and/or arsenopyrite.	030499	40.00	42.00	2.00
				030500	42.00	44.00	2.00
				030501	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-508
Grid System : ORIGINAL
Collar Eastings : 21848.600
Collar Northings : 19760.300
Collar Elevations : 950.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	INT	Pervasively limonitic feldspar porphyritic intrusion with quartz eyes and occasional stockworking, biotite is often altered to clay.	030502	2.00	4.00	2.00
2.95	3.05	ARG	Siliceous, fissile, graphitic agrillite with disseminated sulphides.	030503	4.00	6.00	2.00
				030504	6.00	8.00	2.00
				030505	8.00	10.00	2.00
				030506	10.00	12.00	2.00
				030507	12.00	14.00	2.00
				030508	14.00	16.00	2.00
16.00	26.00	ARG	Siliceous, fissile, graphitic argillite with disseminated sulphides, occasional chip is not graphitic.				
16.00	16.60	INT	Pervasively limonitic feldspar porphyritic intrusion with quartz eyes and occasional stockworking, biotite is often altered to clay.	030509	16.00	18.00	2.00
18.00	22.00		5-15% pervasively limonitic feldspar porhyritic intrusion with quartz eyes and occasional stockworking, biotite is often altered to clay.	030510	18.00	20.00	2.00
				030511	20.00	22.00	2.00
				030512	22.00	24.00	2.00
				030513	24.00	26.00	2.00
26.00	30.00	INT	Pervasively limonitic siliceous porphyritic intrusive.				
26.00	26.20	ARG	Siliceous, fissile, graphitic argillite with disseminated sulphides.	030514	26.00	28.00	2.00
				030515	28.00	30.00	2.00
29.00	30.00	ARG	Siliceous, fissile, graphitic argillite with disseminated sulphides.				
30.00	40.00	ARG	Siliceous graphitic fissile argillite with finely disseminated sulphides, occasionaly oxidized.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-508

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
30.00	32.00		10% pervasively limonitic siliceous porphyritic intrusive.	030516	30.00	32.00	2.00
				030517	32.00	34.00	2.00
				030518	34.00	36.00	2.00
36.00	38.00		No sample.	030519	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewey Creek
HOLE No. : BCRC 91-509
Grid System : ORIGINAL
Collar Eastings : 21848.200
Collar Northings : 19733.200
Collar Elevations : 943.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	24.00	INT	Limonitic, siliceous intrusive with rare quartz eyes.	030520	4.00	6.00	2.00
				030521	6.00	8.00	2.00
				030522	8.00	10.00	2.00
				030523	10.00	12.00	2.00
				030524	12.00	14.00	2.00
				030525	14.00	16.00	2.00
				030526	16.00	18.00	2.00
				030527	18.00	20.00	2.00
19.20	20.80	ARG	Black, siliceous, limonitic argillite.	030528	20.00	22.00	2.00
				030529	22.00	24.00	2.00
24.00	34.00	ARG	Black, fissile, graphitic argillite with minor disseminated pyrite. 5-10% limonitic intrusive.	030530	24.00	26.00	2.00
				030531	26.00	28.00	2.00
				030532	28.00	30.00	2.00
				030533	30.00	32.00	2.00
				030534	32.00	34.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-510
Grid System : ORIGINAL
Collar Eastings : 21848.400
Collar Northings : 19703.300
Collar Elevations : 933.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample.				
4.00	12.00	P*INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Minor quartz eyes.	030535	4.00	6.00	2.00
				030536	6.00	8.00	2.00
				030537	8.00	10.00	2.00
				030538	10.00	12.00	2.00
12.00	16.00	INT	Pervasively oxidized siliceous intrusive rock.	030539	12.00	14.00	2.00
				030540	14.00	16.00	2.00
16.00	20.00	P*INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock. Minor quartz eyes.	030541	16.00	18.00	2.00
				030542	18.00	20.00	2.00
20.00	31.00	INT	Pervasively oxidized siliceous intrusive rock.	030543	20.00	22.00	2.00
				030544	22.00	24.00	2.00
				030545	24.00	26.00	2.00
				030546	26.00	28.00	2.00
				030547	28.00	30.00	2.00
				030548	30.00	32.00	2.00
31.00	46.00	ARG	Black, fissile to siliceous graphitic argillite.	030549	32.00	34.00	2.00
				030550	34.00	36.00	2.00
				030551	36.00	38.00	2.00
				030552	38.00	40.00	2.00
				030553	40.00	42.00	2.00
				030554	42.00	44.00	2.00
				030555	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-511
Grid System : ORIGINAL
Collar Eastings : 21853.500
Collar Northings : 19869.600
Collar Elevations : 981.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Abundant clay altered biotite.	030556	2.00	4.00	2.00
				030557	4.00	6.00	2.00
				030558	6.00	8.00	2.00
				030559	8.00	10.00	2.00
				030560	10.00	12.00	2.00
				030561	12.00	14.00	2.00
				030562	14.00	16.00	2.00
16.00	20.00	P*INT	Moderately oxidized quartz feldspar porphyritic siliceous intrusive rock with 15% fresh black biotite.	030563	16.00	18.00	2.00
				030564	18.00	20.00	2.00
20.00	29.40	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Abundant clay altered biotite.	030565	20.00	22.00	2.00
				030566	22.00	24.00	2.00
				030567	24.00	26.00	2.00
				030568	26.00	28.00	2.00
				030569	28.00	30.00	2.00
29.40	40.00	ARG	Black, siliceous graphitic argillite with very finely disseminated sulphides (<0.5%)	030570	30.00	32.00	2.00
				030571	32.00	34.00	2.00
				030572	34.00	36.00	2.00
				030573	36.00	38.00	2.00
				030574	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-512
Grid System : ORIGINAL
Collar Eastings : 21857.100
Collar Northings : 19923.100
Collar Elevations : 999.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	38.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Abundant quartz eyes. Minor remnant clay altered biotite.	030575	2.00	4.00	2.00
				030576	4.00	6.00	2.00
				030577	6.00	8.00	2.00
				030578	8.00	10.00	2.00
				030579	10.00	12.00	2.00
				030580	12.00	14.00	2.00
				030581	14.00	16.00	2.00
				030582	16.00	18.00	2.00
				030583	18.00	20.00	2.00
				030584	20.00	22.00	2.00
				030585	22.00	24.00	2.00
				030586	24.00	26.00	2.00
				030587	26.00	28.00	2.00
				030588	28.00	30.00	2.00
				030589	30.00	32.00	2.00
				030590	32.00	34.00	2.00
				030591	34.00	36.00	2.00
				030592	36.00	38.00	2.00
38.00	42.70	ARG	Black, siliceous to fissile graphitic argillite.	030593	38.00	40.00	2.00
				030594	40.00	42.00	2.00
				030595	42.00	44.00	2.00
42.70	44.00	INT	Limonitic intrusive.				
44.00	52.00	ARG	Black, siliceous to fissile graphitic argillite.	030596	44.00	46.00	2.00
				030597	46.00	48.00	2.00
				030598	48.00	50.00	2.00
				030599	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-513
Grid System : ORIGINAL
Collar Eastings : 21702.600
Collar Northings : 19893.600
Collar Elevations : 1014.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Abundant quartz eyes. 50% quartz feldspar porphyry.	030600	2.00	4.00	2.00
				030601	4.00	6.00	2.00
6.00	8.00			030602	6.00	8.00	2.00
				030603	8.00	10.00	2.00
				030604	10.00	12.00	2.00
				030605	12.00	14.00	2.00
				030606	14.00	16.00	2.00
				030607	16.00	18.00	2.00
18.00	28.00	SEDS	Soft, grey phyllitic siltstone or ashstone and black fissile argillite.	030608	18.00	20.00	2.00
				030609	20.00	22.00	2.00
				030610	22.00	24.00	2.00
				030611	24.00	26.00	2.00
				030612	26.00	28.00	2.00
28.00	40.00	ARG	Black, siliceous argillite.	030613	28.00	30.00	2.00
				030614	30.00	32.00	2.00
				030615	32.00	34.00	2.00
				030616	34.00	36.00	2.00
				030617	36.00	38.00	2.00
				030618	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-514
Grid System : ORIGINAL
Collar Eastings : 21818.100
Collar Northings : 19904.700
Collar Elevations : 1001.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	38.00	INT	Pervasively altered siliceous intrusive rock. Occasional quartz eyes. Remnant clay altered biotite.	030619	2.00	4.00	2.00
				030620	4.00	6.00	2.00
				030621	6.00	8.00	2.00
				030622	8.00	10.00	2.00
				030623	10.00	12.00	2.00
12.00	16.00		Less than 5% black biotite.	030624	12.00	14.00	2.00
				030625	14.00	16.00	2.00
				030626	16.00	18.00	2.00
				030627	18.00	20.00	2.00
				030628	20.00	22.00	2.00
				030629	22.00	24.00	2.00
				030630	24.00	26.00	2.00
				030631	26.00	28.00	2.00
				030632	28.00	30.00	2.00
30.00	32.00		35% quartz feldspar porphyry.	030633	30.00	32.00	2.00
				030634	32.00	34.00	2.00
				030635	34.00	38.00	4.00
38.00	52.00	ARG	Black siliceous argillite with abundant limonitic fracture surfaces. Minor grey phyllite.	030636	38.00	40.00	2.00
				030637	40.00	42.00	2.00
				030638	42.00	44.00	2.00
				030639	44.00	46.00	2.00
				030640	46.00	48.00	2.00
				030641	48.00	50.00	2.00
				030642	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-515
Grid System : ORIGINAL
Collar Eastings : 21857.000
Collar Northings : 19894.600
Collar Elevations : 990.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	20.00	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Remnant clay altered biotite.	030643	2.00	4.00	2.00
				030644	4.00	6.00	2.00
				030645	6.00	8.00	2.00
				030646	8.00	10.00	2.00
				030647	10.00	12.00	2.00
				030648	12.00	14.00	2.00
				030649	14.00	16.00	2.00
				030650	16.00	18.00	2.00
				030651	18.00	20.00	2.00
20.00	32.00	SEDS	Predominantly black fissile shale with soft grey phyllite.	030652	20.00	22.00	2.00
				030653	22.00	24.00	2.00
				030654	24.00	26.00	2.00
				030655	26.00	28.00	2.00
				030656	28.00	30.00	2.00
				030657	30.00	32.00	2.00
32.00	47.00	ARG	Black siliceous graphitic argillite. Very finely disseminated sulphides from 44-47m interval (< 0.5%).	030658	32.00	34.00	2.00
				030659	34.00	36.00	2.00
				030660	36.00	38.00	2.00
				030661	38.00	40.00	2.00
				030662	40.00	42.00	2.00
				030663	42.00	44.00	2.00
				030664	44.00	46.00	2.00
				030665	46.00	48.00	2.00
47.00	50.50	QFP	Weakly oxidized, light grey siliceous quartz feldspar porphyry.	030666	48.00	50.00	2.00
				030667	50.00	52.00	2.00
50.50	53.00	ARG	Black siliceous graphitic argillite.				
52.00	53.00		Massive pyrite chips.	030668	52.00	54.00	2.00
53.00	58.00	QFP	White to grey, siliceous quartz feldspar	030669	54.00	56.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-515

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			porphyry with finely disseminated pyrite and arsenopyrite.	030670	56.00	58.00	2.00

MIRANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-516
Grid System : ORIGINAL
Collar Eastings : 21998.700
Collar Northings : 19893.700
Collar Elevations : 966.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	P*INT	Weakly to moderately oxidized biotite feldspar porphyritic siliceous intrusive rock.	030671	2.00	4.00	2.00
				030672	4.00	6.00	2.00
				030673	6.00	8.00	2.00
8.00	20.00	SEDS	Black siliceous shale and soft grey phyllite siltstone.	030674	8.00	10.00	2.00
				030675	10.00	12.00	2.00
				030676	12.00	14.00	2.00
				030677	14.00	16.00	2.00
				030678	16.00	18.00	2.00
18.00	20.00		Less than 5% limonitic intrusive.	030679	18.00	20.00	2.00
20.00	46.40	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Abundant clay altered remnant biotite.	030680	20.00	22.00	2.00
				030681	22.00	24.00	2.00
				030682	24.00	26.00	2.00
				030683	26.00	28.00	2.00
				030684	28.00	30.00	2.00
				030685	30.00	32.00	2.00
32.00	36.00		15-25% quartz feldspar porphyry.	030686	32.00	34.00	2.00
				030687	34.00	36.00	2.00
				030688	36.00	38.00	2.00
				030689	38.00	40.00	2.00
				030690	40.00	42.00	2.00
				030691	42.00	44.00	2.00
				030692	44.00	46.00	2.00
				030693	46.00	48.00	2.00
				030694	48.00	50.00	2.00
48.40	58.00	ARG	Black, siliceous, graphitic argillite.	030695	50.00	52.00	2.00
				030696	52.00	54.00	2.00
				030697	54.00	56.00	2.00
				030698	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-517
Grid System : ORIGINAL
Collar Eastings : 21595.900
Collar Northings : 19608.900
Collar Elevations : 94[illegible].000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 100.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Interval contains 5-25% quartz feldspar porphyry throughout with abundant remnant clay altered biotite and rare quartz eyes.				
2.00	4.00		5-10% black argillite.	030699	2.00	4.00	2.00
				030700	4.00	6.00	2.00
				030701	6.00	8.00	2.00
				030702	8.00	10.00	2.00
				030703	10.00	12.00	2.00
				030704	12.00	14.00	2.00
				030705	14.00	16.00	2.00
16.00	18.00		Less than 0.5% finely disseminated sulphides in quartz feldspar porphyry.	030706	16.00	18.00	2.00
18.00	48.00	FINT	Light to dark grey coloured biotite rich siliceous intrusive rock. Quartz eyes are common. Biotite is sometimes partially altered to clay.	030707	18.00	20.00	2.00
				030708	20.00	22.00	2.00
				030709	22.00	24.00	2.00
				030710	24.00	26.00	2.00
				030711	26.00	28.00	2.00
				030712	28.00	30.00	2.00
				030713	30.00	32.00	2.00
				030714	32.00	34.00	2.00
				030715	34.00	36.00	2.00
				030716	36.00	38.00	2.00
				030717	38.00	40.00	2.00
				030718	40.00	42.00	2.00
				030719	42.00	44.00	2.00
				030720	44.00	46.00	2.00
				030721	46.00	48.00	2.00
48.00	64.50	QFP	White to light grey siliceous quartz feldspar porphyry. Finely disseminated pyrite	030722	48.00	50.00	2.00
				030723	50.00	52.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-517

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			replacing biotite and disseminated in matrix. Also massive along fractures and in very fine pods (mm scale).	030724	52.00	54.00	2.00
				030725	54.00	56.00	2.00
				030726	56.00	58.00	2.00
				030727	58.00	60.00	2.00
				030728	60.00	62.00	2.00
				030729	62.00	64.00	2.00
				030730	64.00	66.00	2.00
64.50	66.00	ARG	Black, siliceous, graphitic argillite.				
66.00	70.00	QFP	White to light grey siliceous quartz feldspar porphyry. Finely disseminated pyrite in matrix. Also massive along fractures and in very fine pods (mm scale).	030731	66.00	68.00	2.00
				030732	68.00	70.00	2.00
70.00	106.00	ARG	Black, siliceous, graphitic argillite. Hairline pyrite fractures and disseminated pyrite.	030733	70.00	72.00	2.00
				030734	72.00	74.00	2.00
				030735	74.00	76.00	2.00
				030736	76.00	78.00	2.00
				030737	78.00	80.00	2.00
				030738	80.00	82.00	2.00
				030739	82.00	84.00	2.00
84.00	86.00		10% quartz feldspar porphyry with disseminated sulphides.	030740	84.00	86.00	2.00
86.00	88.00		15% quartz feldspar porphyry with disseminated sulphides.	030741	86.00	88.00	2.00
				030742	88.00	90.00	2.00
				030743	90.00	92.00	2.00
				030744	92.00	94.00	2.00
92.50	93.50	QFP	Quartz feldspar porphyry with disseminated pyrite.	030745	94.00	96.00	2.00
				030746	96.00	98.00	2.00
96.30	97.70	QFP	Quartz feldspar porphyry with disseminated pyrite.	030747	98.00	100.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-518
Grid System : ORIGINAL
Collar Eastings : 21597.500
Collar Northings : 19588.500
Collar Elevations : 940.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 88.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	SEDS	Light and dark grey, soft phyllic silt-	030748	2.00	4.00	2.00
			stone and very fine grained sandstone	030749	4.00	6.00	2.00
			black fissile argillite and greenish grey	030750	6.00	8.00	2.00
			quartzite in 6-14 metre interval. Limon-	030751	8.00	10.00	2.00
			itic hairline stringers and fracture	030752	10.00	12.00	2.00
			coatings throughout.	030753	12.00	14.00	2.00
				030754	14.00	16.00	2.00
16.00	38.00	QFP	White to grey, highly siliceous quartz	030755	16.00	18.00	2.00
			feldspar porphyry. 10-15% remnant biotite	030756	18.00	20.00	2.00
			altered to white clay mineral. Finely	030757	20.00	22.00	2.00
			disseminated and massive pyrite throughout	030758	22.00	24.00	2.00
				030759	24.00	26.00	2.00
				030760	26.00	28.00	2.00
26.70	27.30	ARG	Black siliceous, stockworked argillite.	030761	28.00	30.00	2.00
				030762	30.00	32.00	2.00
				030763	32.00	34.00	2.00
				030764	34.00	36.00	2.00
				030765	36.00	38.00	2.00
38.00	66.00	PINT	Light grey, highly siliceous biotite rich,	030766	38.00	40.00	2.00
			quartz feldspar porphyritic intrusive rock	030767	40.00	42.00	2.00
				030768	42.00	44.00	2.00
				030769	44.00	46.00	2.00
				030770	46.00	48.00	2.00
				030771	48.00	50.00	2.00
				030772	50.00	52.00	2.00
				030773	52.00	54.00	2.00
				030774	54.00	56.00	2.00
				030775	56.00	58.00	2.00
				030776	58.00	60.00	2.00
				030777	60.00	62.00	2.00
				030778	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-518

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030779	64.00	66.00	2.00
66.00	74.00	QFP	White to grey, highly siliceous quartz feldspar porphyry. 10-15% remnant biotite altered to white clay mineral. Finely disseminated and massive pyrite throughout.	030780	66.00	68.00	2.00
				030781	68.00	70.00	2.00
69.40	71.40	ARG	Black siliceous, graphitic, argillite.	030782	70.00	72.00	2.00
				030783	72.00	74.00	2.00
74.00	88.00	ARG	Black, siliceous, graphitic argillite. Disseminated and massive pyrite throughout.	030784	74.00	76.00	2.00
				030785	76.00	78.00	2.00
				030786	78.00	80.00	2.00
				030787	80.00	82.00	2.00
				030788	82.00	84.00	2.00
				030789	84.00	86.00	2.00
				030790	86.00	88.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-519
Grid System : ORIGINAL
Collar Eastings : 21457.800
Collar Northings : 19769.700
Collar Elevations : 980.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 48.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	P*INT	Grey to limonitic black biotite rich intrusive with occasional quartz eyes.	030791	2.00	4.00	2.00
				030792	4.00	6.00	2.00
				030793	6.00	8.00	2.00
				030794	8.00	10.00	2.00
				030795	10.00	12.00	2.00
				030796	12.00	14.00	2.00
				030797	14.00	16.00	2.00
				030798	16.00	18.00	2.00
18.00	24.00	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite.	030799	18.00	20.00	2.00
				030800	20.00	22.00	2.00
				030801	22.00	24.00	2.00
24.00	34.00	QFP	White to green feldspar porphyry with disseminated pyrite. 5-10% black, siliceous argillite. 10-15% limonitic fresh intrusive.	030802	24.00	26.00	2.00
				030803	26.00	28.00	2.00
				030804	28.00	30.00	2.00
				030805	30.00	32.00	2.00
				030806	32.00	34.00	2.00
34.00	48.00	ARG	Black, siliceous, graphitic argillite with disseminated pyrite.	030807	34.00	36.00	2.00
				030808	36.00	38.00	2.00
				030809	38.00	40.00	2.00
				030810	40.00	42.00	2.00
				030811	42.00	44.00	2.00
				030812	44.00	46.00	2.00
				030813	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-520
Grid System : ORIGINAL
Collar Eastings : 21457.100
Collar Northings : 19744.000
Collar Elevations : 979.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Biotite altered to clay.	030814	2.00	4.00	2.00
				030815	4.00	6.00	2.00
6.00	14.00	P*INT	Weakly to moderately oxidized biotite rich quartz feldspar porphyritic siliceous intrusive rock.	030816	6.00	8.00	2.00
				030817	8.00	10.00	2.00
				030818	10.00	12.00	2.00
				030819	12.00	14.00	2.00
14.00	22.00	INT	Pervasively oxidized, limonitic quartz feldspar porphyritic siliceous intrusive rock. Biotite altered to clay.	030820	14.00	16.00	2.00
				030821	16.00	18.00	2.00
				030822	18.00	20.00	2.00
				030823	20.00	22.00	2.00
22.00	31.40	P*INT	Weakly to moderately oxidized biotite rich quartz feldspar porphyritic siliceous intrusive rock.	030824	22.00	24.00	2.00
				030825	24.00	26.00	2.00
				030826	26.00	28.00	2.00
				030827	28.00	30.00	2.00
				030828	30.00	32.00	2.00
31.40	40.00	SED	Black, siliceous, graphitic argillite with finely disseminated sulphides.	030829	32.00	34.00	2.00
				030830	34.00	36.00	2.00
				030831	36.00	38.00	2.00
36.40	37.80	QFP	Quartz feldspar porphyry with disseminated pyrite cubes.	030832	38.00	40.00	2.00
40.00	60.00	QFP	Grey to bright green quartz feldspar porphyry. Biotite altered to clay.	030833	40.00	42.00	2.00
				030834	42.00	44.00	2.00
				030835	44.00	46.00	2.00
				030836	46.00	48.00	2.00
				030837	48.00	50.00	2.00
50.00	56.00		Biotite is partially unaltered.	030838	50.00	52.00	2.00
				030839	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-520

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				030840	54.00	56.00	2.00
				030841	56.00	58.00	2.00
				030842	58.00	60.00	2.00
60.00	70.00	ARG	Black, siliceous graphitic argillite with very finely disseminated sulphides throughout.	030843	60.00	62.00	2.00
				030844	62.00	64.00	2.00
				030845	64.00	66.00	2.00
				030846	66.00	68.00	2.00
				030847	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-521
Grid System : ORIGINAL
Collar Eastings : 21456.100
Collar Northings : 19721.100
Collar Elevations : 979.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes. 40-50% greenish grey quartz feldspar porphyry with minor disseminated pyrite.	030848	2.00	4.00	2.00
				030849	4.00	6.00	2.00
				030850	6.00	8.00	2.00
8.00	16.00	ARG	Black, siliceous, limonitic argillite.	030851	8.00	10.00	2.00
				030852	10.00	12.00	2.00
				030853	12.00	14.00	2.00
				030854	14.00	16.00	2.00
16.00	28.00	INT	Limonitic, siliceous intrusive with 5-50% pyritic quartz feldspar porphyry.	030855	16.00	18.00	2.00
				030856	18.00	20.00	2.00
				030857	20.00	22.00	2.00
				030858	22.00	24.00	2.00
				030859	24.00	26.00	2.00
				030860	26.00	28.00	2.00
28.00	42.00	P*INT	Grey, black biotite rich intrusive.	030861	28.00	30.00	2.00
				030862	30.00	32.00	2.00
				030863	32.00	34.00	2.00
				030864	34.00	36.00	2.00
				030865	36.00	38.00	2.00
				030866	38.00	40.00	2.00
				030867	40.00	42.00	2.00
42.00	50.00	ARG	Black, siliceous, graphitic argillite with disseminated pyrite and/or arsenopyrite.	030868	42.00	44.00	2.00
				030869	44.00	46.00	2.00
				030870	46.00	48.00	2.00
				030871	48.00	50.00	2.00
50.00	70.00	QFP	Grey to green, pyritic quartz feldspar porphyry.	030872	50.00	52.00	2.00
52.00	58.00		10% black, siliceous, graphitic argillite	030873	52.00	54.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-521

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with disseminated pyrite and/or arseno-	030874	54.00	56.00	2.00
			pyrite.	030875	56.00	58.00	2.00
				030876	58.00	60.00	2.00
60.00	64.00		10% fresh intrusive.	030877	60.00	62.00	2.00
				030878	62.00	64.00	2.00
				030879	64.00	66.00	2.00
66.00	70.00		5% black, siliceous, graphitic argillite	030880	66.00	68.00	2.00
			with disseminated pyrite and/or arseno-	030881	68.00	70.00	2.00
			pyrite.				
70.00	74.00	F*INT	Greenish grey fresh intrusive with trace	030882	70.00	72.00	2.00
			pyrite alteration.	030883	72.00	74.00	2.00
74.00	82.00	ARG	Black, siliceous, graphitic argillite with	030884	74.00	76.00	2.00
			disseminated sulphides.	030885	76.00	78.00	2.00
				030886	78.00	80.00	2.00
				030887	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-522
Grid System : ORIGINAL
Collar Eastings : 21456.700
Collar Northings : 19691.500
Collar Elevations : 975.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 88.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	15.50	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Minor quartz eyes and remnant clay altered biotite.				
2.00	4.00		Less than 5% argillite.	030888	2.00	4.00	2.00
				030889	4.00	6.00	2.00
				030890	6.00	8.00	2.00
6.80	9.20	ARG	Black siliceous stockworked argillite.	030891	8.00	10.00	2.00
				030892	10.00	12.00	2.00
10.75	11.25	SEDS	Grey, very fine grained quartzite and black siliceous shale.				
12.00	14.00		Less than 5% argillite.	030893	12.00	14.00	2.00
				030894	14.00	16.00	2.00
15.50	22.80	ARG	Black, siliceous, graphitic argillite. Finely disseminated pyrite replacement in lower half of interval.	030895	16.00	18.00	2.00
				030896	18.00	20.00	2.00
				030897	20.00	22.00	2.00
				030898	22.00	24.00	2.00
22.80	31.80	QFP	White, siliceous quartz feldspar porphyry with disseminated, cubic pyrite throughout.	030899	24.00	26.00	2.00
				030900	26.00	28.00	2.00
				030901	28.00	30.00	2.00
				030902	30.00	32.00	2.00
31.80	33.70	ARG	Black siliceous graphitic argillite with finely disseminated pyrite replacement.	030903	32.00	34.00	2.00
33.70	36.00	QFP	White, siliceous quartz feldspar porphyry with disseminated, cubic pyrite throughout.	030904	34.00	36.00	2.00
36.00	38.00	ARG	Black, siliceous argillite with finely disseminated pyrite replacement.	030905	36.00	38.00	2.00
38.00	50.00	QFP	White to grey, siliceous quartz feldspar	030906	38.00	40.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-522

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			porphyry with very finely disseminated pyrite and arsenopyrite (?).	030907	40.00	42.00	2.00
				030908	42.00	44.00	2.00
				030909	44.00	46.00	2.00
				030910	46.00	48.00	2.00
				030911	48.00	50.00	2.00
50.00	58.00	ARG	Black, siliceous graphitic argillite with less than 0.5% very finely disseminated pyrite.	030912	50.00	52.00	2.00
				030913	52.00	54.00	2.00
				030914	54.00	56.00	2.00
				030915	56.00	58.00	2.00
58.00	64.20	QFP	White to light grey, siliceous quartz feldspar porphyry with fine grained, disseminated pyrite.	030916	58.00	60.00	2.00
				030917	60.00	62.00	2.00
				030918	62.00	64.00	2.00
				030919	64.00	66.00	2.00
64.20	68.50	ARG	Black, siliceous graphitic argillite with very fine to fine grained pyrite replacement.	030920	66.00	68.00	2.00
				030921	68.00	70.00	2.00
68.50	80.00	QFP	White to light grey, siliceous quartz feldspar porphyry wiht fine grained disseminated pyrite (< 1%). Abundant green altered feldspars.	030922	70.00	72.00	2.00
				030923	72.00	74.00	2.00
				030924	74.00	76.00	2.00
				030925	76.00	78.00	2.00
				030926	78.00	80.00	2.00
80.00	88.00	PRINT	Grey to greenish grey, biotite rich, feldspar porphyritic siliceous intrusive rock.	030927	80.00	82.00	2.00
				030928	82.00	84.00	2.00
				030929	84.00	86.00	2.00
86.00	88.00		50% quartz feldspar porphyry.	030930	86.00	88.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-523
Grid System : ORIGINAL
Collar Eastings : 22750.400
Collar Northings : 19758.800
Collar Elevations : 864.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 94.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	SEDS	Black fissile shale and soft grey phyllitic siltstone or ashstone.	030931	2.00	4.00	2.00
				030932	4.00	6.00	2.00
				030933	6.00	8.00	2.00
8.00	20.00	ARG	Black, siliceous, graphitic argillite.	030934	8.00	10.00	2.00
				030935	10.00	12.00	2.00
12.00	20.00		Includes minor phyllite.	030936	12.00	14.00	2.00
				030937	14.00	16.00	2.00
				030938	16.00	18.00	2.00
				030939	18.00	20.00	2.00
20.00	35.70	QFP	Medium to dark grey, siliceous quartz feldspar porphyry. Large quartz eyes. Finely disseminated pyrite and arsenopyrite throughout.	030940	20.00	22.00	2.00
				030941	22.00	24.00	2.00
				030942	24.00	26.00	2.00
				030943	26.00	28.00	2.00
				030944	28.00	30.00	2.00
				030945	30.00	32.00	2.00
				030946	32.00	34.00	2.00
				030947	34.00	36.00	2.00
35.70	40.20	ARG	Black siliceous graphitic argillite.	030948	36.00	38.00	2.00
				030949	38.00	40.00	2.00
				030950	40.00	42.00	2.00
40.20	51.00	QFP	White to light grey quartz feldspar porphyry. Disseminated pyrite, partly cubic, throughout.	030951	42.00	44.00	2.00
				030952	44.00	46.00	2.00
				030953	46.00	48.00	2.00
				030954	48.00	50.00	2.00
				030955	50.00	52.00	2.00
51.00	54.00	ARG	Black siliceous, graphitic argillite with finely disseminated to massive pyrite.	030956	52.00	54.00	2.00
54.00	81.00	QFP	White to light grey quartz feldspar por-	030957	54.00	56.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-523

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			phyry. Disseminated pyrite, partly cubic, throughout.	030958	56.00	58.00	2.00
				030959	58.00	60.00	2.00
				030960	60.00	62.00	2.00
				030961	62.00	64.00	2.00
				030962	64.00	66.00	2.00
				030963	66.00	68.00	2.00
				030964	68.00	70.00	2.00
				030965	70.00	72.00	2.00
				030966	72.00	74.00	2.00
				030967	74.00	76.00	2.00
				030968	76.00	78.00	2.00
				030969	78.00	80.00	2.00
				030970	80.00	82.00	2.00
81.00	89.00	ARG	Black, siliceous, graphitic argillite with finely disseminated pyrite replacement throughout.	030971	82.00	84.00	2.00
				030972	84.00	86.00	2.00
				030973	86.00	88.00	2.00
				030974	88.00	90.00	2.00
89.00	94.00	QFP	Light to dark grey, siliceous quartz feldspar porphyry. Biotite rich with biotite partialy to completely altered to clay. Minor dissemianted pyrite (< 0.5%).	030975	90.00	92.00	2.00
				030976	92.00	94.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-524
Grid System : ORIGINAL
Collar Eastings : 22593.700
Collar Northings : 19825.500
Collar Elevations : 867.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	52.00	ARG	Black, fissile graphitic argillite. Minor soft, dark grey siltstone in first 8 m of interval. Very finely disseminated sulphides (< 0.5%) locally.	030977	2.00	4.00	2.00
				030978	4.00	6.00	2.00
				030979	6.00	8.00	2.00
				030980	8.00	10.00	2.00
				030981	10.00	12.00	2.00
				030982	12.00	14.00	2.00
				030983	14.00	16.00	2.00
				030984	16.00	18.00	2.00
				030985	18.00	20.00	2.00
				030986	20.00	22.00	2.00
				030987	22.00	24.00	2.00
				030988	24.00	26.00	2.00
				030989	26.00	28.00	2.00
				030990	28.00	30.00	2.00
				030991	30.00	32.00	2.00
				030992	32.00	34.00	2.00
				030993	34.00	36.00	2.00
				030994	36.00	38.00	2.00
				030995	38.00	40.00	2.00
				030996	40.00	42.00	2.00
				030997	42.00	44.00	2.00
				030998	44.00	46.00	2.00
				030999	46.00	48.00	2.00
				031000	48.00	50.00	2.00
				031001	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-525
Grid System : ORIGINAL
Collar Eastings : 22592.700
Collar Northings : 19798.800
Collar Elevations : 860.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	40.00	ARG	Black, fissile graphitic argillite.	031002	2.00	4.00	2.00
				031003	4.00	6.00	2.00
				031004	6.00	8.00	2.00
				031005	8.00	10.00	2.00
				031006	10.00	12.00	2.00
				031007	12.00	14.00	2.00
				031008	14.00	16.00	2.00
				031009	16.00	18.00	2.00
				031010	18.00	20.00	2.00
				031011	20.00	22.00	2.00
				031012	22.00	24.00	2.00
				031013	24.00	26.00	2.00
				031014	26.00	28.00	2.00
				031015	28.00	30.00	2.00
				031016	30.00	32.00	2.00
				031017	32.00	34.00	2.00
				031018	34.00	36.00	2.00
				031019	36.00	38.00	2.00
				031020	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-526
Grid System : ORIGINAL
Collar Eastings : 22595.400
Collar Northings : 19773.300
Collar Elevations : 836.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 118.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	13.40	ARG	Black, siliceous, fissile, stockworked graphitic argillite.	031021	2.00	4.00	2.00
				031022	4.00	6.00	2.00
				031023	6.00	8.00	2.00
				031024	8.00	10.00	2.00
				031025	10.00	12.00	2.00
				031026	12.00	14.00	2.00
13.40	21.00	INT	Limonitic, siliceous intrusive with abundant quartz eyes.	031027	14.00	16.00	2.00
				031028	16.00	18.00	2.00
				031029	18.00	20.00	2.00
				031030	20.00	22.00	2.00
21.00	33.00	ARG	Black, siliceous, graphitic argillite with minor disseminated sulphides.	031031	22.00	24.00	2.00
				031032	24.00	26.00	2.00
				031033	26.00	28.00	2.00
				031034	28.00	30.00	2.00
				031035	30.00	32.00	2.00
				031036	32.00	34.00	2.00
33.00	39.00	INT	Limonitic intrusive with trace unoxidized disseminated pyrite.	031037	34.00	36.00	2.00
				031038	36.00	38.00	2.00
				031039	38.00	40.00	2.00
39.00	42.00	ARG	Black, siliceous, graphitic argillite with disseminated pyrite	031040	40.00	42.00	2.00
42.00	50.00	INT	Limonitic intrusive with accasional quartz eyes and trace disseminated pyrite.	031041	42.00	44.00	2.00
				031042	44.00	46.00	2.00
				031043	46.00	48.00	2.00
				031044	48.00	50.00	2.00
50.00	63.30	QFP	White to grey pyritic quartz feldspar porphyry with white, altered biotites.	031045	50.00	52.00	2.00
				031046	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-526

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031047	54.00	56.00	2.00
				031048	56.00	58.00	2.00
				031049	58.00	60.00	2.00
				031050	60.00	62.00	2.00
				031051	62.00	64.00	2.00
63.30	66.00	ARG	Black siliceous fissile graphitic argillite with finely disseminated pyrite. Interval contains 10% siliceous quartz feldspar porphyry with trace of disseminated sulphides.	031052	64.00	66.00	2.00
66.00	68.00	QFP	Siliceous quartz feldspar porphyry with a trace of disseminated sulphides and white, altered biotite and minor black biotite. 10% black siliceous fissile graphitic argillite with finely disseminated pyrite.	031053	66.00	68.00	2.00
68.00	75.80	ARG	Soft to siliceous fissile graphitic argillite with finely disseminated sulphides.	031054	68.00	70.00	2.00
				031055	70.00	72.00	2.00
				031056	72.00	74.00	2.00
73.00	74.00	QFP	Greenish grey quartz feldspar porphyry. 5% of biotites still black.	031057	74.00	76.00	2.00
75.80	110.00	QFP	Grey to greenish grey siliceous quartz feldspar porphyry with biotite altered to clay and disseminated pyrite which occasionally replaces biotite.	031058	76.00	78.00	2.00
				031059	78.00	80.00	2.00
				031060	80.00	82.00	2.00
82.00	88.00		Quartz feldspar porphyry has some black biotite.	031061	82.00	84.00	2.00
				031062	84.00	86.00	2.00
				031063	86.00	88.00	2.00
				031064	88.00	90.00	2.00
				031065	90.00	92.00	2.00
				031066	92.00	94.00	2.00
				031067	94.00	96.00	2.00
				031068	96.00	98.00	2.00
				031069	98.00	100.00	2.00
				031070	100.00	102.00	2.00
				031071	102.00	104.00	2.00
				031072	104.00	106.00	2.00
				031073	106.00	108.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-526

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031074	108.00	110.00	2.00
110.00	112.00	ARG	Siliceous, fissile, graphitic argillite.	031075	110.00	112.00	2.00
112.00	116.60	QFP	Dark grey quartz feldspar porphyry with finely disseminated, pyrite.	031076	112.00	114.00	2.00
				031077	114.00	116.00	2.00
				031078	116.00	118.00	2.00
116.60	118.00	ARG	Siliceous, fissile, graphitic argillite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-527
Grid System : ORIGINAL
Collar Eastings : 22586.600
Collar Northings : 19744.100
Collar Elevations : 846.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	ARG	Black, fissile to siliceous argillite with disseminated limonite.	031079	2.00	4.00	2.00
				031080	4.00	6.00	2.00
6.00	13.00	INT	Pervasively limonitic intrusive with 2% brown biotites.	031081	6.00	8.00	2.00
				031082	8.00	10.00	2.00
				031083	10.00	12.00	2.00
				031084	12.00	14.00	2.00
13.00	15.00	ARG	Black, siliceous, limonitic argillite.	031085	14.00	16.00	2.00
15.00	35.00	INT	Pervasively limonitic intrusive with abundant quartz eyes and minor disseminated pyrite.	031086	16.00	18.00	2.00
				031087	18.00	20.00	2.00
18.30	19.70	ARG	Black, siliceous limonitic argillite.	031088	20.00	22.00	2.00
				031089	22.00	24.00	2.00
				031090	24.00	26.00	2.00
				031091	26.00	28.00	2.00
				031092	28.00	30.00	2.00
29.50	31.00	ARG	Black, fissile siliceous, graphitic argillite.	031093	30.00	32.00	2.00
				031094	32.00	34.00	2.00
				031095	34.00	36.00	2.00
35.00	38.00	ARG	Black, siliceous, graphitic argillite with disseminated pyrite.	031096	36.00	38.00	2.00
38.00	46.00	INT	Limonitic intrusive with minor disseminated pyrite.	031097	38.00	40.00	2.00
				031098	40.00	42.00	2.00
				031099	42.00	44.00	2.00
43.80	44.60	ARG	Black siliceous, limonitic argillite.	031100	44.00	46.00	2.00
46.00	63.00	QFP	Grey, pyritic quartz feldspar porphyry with occasional quartz eyes.	031101	46.00	48.00	2.00
				031102	48.00	50.00	2.00
				031103	50.00	52.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-527

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031104	52.00	54.00	2.00
				031105	54.00	56.00	2.00
				031106	56.00	58.00	2.00
				031107	58.00	60.00	2.00
				031108	60.00	62.00	2.00
				031109	62.00	64.00	2.00
63.00	66.00	ARG	Black, graphitic, siliceous to fissile argillite with disseminated pyrite.	031110	64.00	66.00	2.00
66.00	82.00	QFP	Grey quartz feldspar porphyry with minor disseminated pyrite.	031111	66.00	68.00	2.00
				031112	68.00	70.00	2.00
68.80	70.20	ARG	Black, graphitic, siliceous to fissile argillite with disseminated pyrite.	031113	70.00	72.00	2.00
				031114	72.00	74.00	2.00
				031115	74.00	76.00	2.00
				031116	76.00	78.00	2.00
				031117	78.00	80.00	2.00
				031118	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-528
Grid System : ORIGINAL
Collar Eastings : 22591.800
Collar Northings : 19715.300
Collar Elevations : 836.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 112.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	F*INT	Limonitic black biotite rich intrusive.	031119	2.00	4.00	2.00
4.00	27.00	INT	Pervasively limonitic intrusive with minor disseminated pyrite and abundant quartz eyes.	031120	4.00	6.00	2.00
				031121	6.00	8.00	2.00
				031122	8.00	10.00	2.00
				031123	10.00	12.00	2.00
10.60	11.40	ARG	Black, siliceous graphitic argillite.	031124	12.00	14.00	2.00
				031125	14.00	16.00	2.00
				031126	16.00	18.00	2.00
				031127	18.00	20.00	2.00
19.00	21.00	ARG	Black, siliceous graphitic argillite.	031128	20.00	22.00	2.00
				031129	22.00	24.00	2.00
				031130	24.00	26.00	2.00
				031131	26.00	28.00	2.00
27.00	30.00	ARG	Black, siliceous, extremely graphitic argillite.	031132	28.00	30.00	2.00
30.00	34.00	INT	Limonitic intrusive with occasional quartz eyes and disseminated pyrite.	031133	30.00	32.00	2.00
				031134	32.00	34.00	2.00
34.00	36.00	F*INT	Grey to limonitic, black biotite-poor fresh intrusive.	031135	34.00	36.00	2.00
36.00	64.70	QFP	Grey, siliceous, pyritic quartz feldspar porphyry.	031136	36.00	38.00	2.00
				031137	38.00	40.00	2.00
				031138	40.00	42.00	2.00
40.90	41.10	ARG	Black, siliceous, limonitic argillite.	031139	42.00	44.00	2.00
				031140	44.00	46.00	2.00
				031141	46.00	48.00	2.00
				031142	48.00	50.00	2.00
				031143	50.00	52.00	2.00
				031144	52.00	54.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-528

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031145	54.00	56.00	2.00
				031146	56.00	58.00	2.00
				031147	58.00	60.00	2.00
				031148	60.00	62.00	2.00
				031149	62.00	64.00	2.00
				031150	64.00	66.00	2.00
64.70	69.00	ARG	Black, fissile to siliceous, extremely graphitic argillite with disseminated pyrite.	031151	66.00	68.00	2.00
				031152	68.00	70.00	2.00
69.00	105.00	QFP	White to grey quartz feldspar porphyry with disseminated pyrite and arsenopyrite.	031153	70.00	72.00	2.00
				031154	72.00	74.00	2.00
				031155	74.00	76.00	2.00
				031156	76.00	78.00	2.00
				031157	78.00	80.00	2.00
80.00	92.00		Rare gypsum crystals.	031158	80.00	82.00	2.00
				031159	82.00	84.00	2.00
				031160	84.00	86.00	2.00
				031161	86.00	88.00	2.00
				031162	88.00	90.00	2.00
				031163	90.00	92.00	2.00
92.00	102.00		Abundant stockworking and occasional free gypsum crystals. Stibnite crystals at 96 to 98 metres.	031164	92.00	94.00	2.00
				031165	94.00	96.00	2.00
				031166	96.00	98.00	2.00
				031167	98.00	100.00	2.00
				031168	100.00	102.00	2.00
				031169	102.00	104.00	2.00
				031170	104.00	106.00	2.00
105.00	112.00	ARG	Black, graphitic, fissile to siliceous, stockworked argillite with abundant disseminated pyrite and/or arsenopyrite.	031171	106.00	108.00	2.00
				031172	108.00	110.00	2.00
				031173	110.00	112.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-529
Grid System : ORIGINAL
Collar Eastings : 22641.900
Collar Northings : 19706.600
Collar Elevations : 840.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	14.00	SEDS	Black, siliceous shale and soft grey phyllitic siltstone or ashstone. Very finely disseminated sulphides and minor limonite on fracture surfaces.	031174	2.00	4.00	2.00
				031175	4.00	6.00	2.00
				031176	6.00	8.00	2.00
				031177	8.00	10.00	2.00
				031178	10.00	12.00	2.00
12.00	14.00		Less than 5% limonitic intrusive.	031179	12.00	14.00	2.00
14.00	56.00	INT	Pervasively oxidized, limonitic feldspar porphyritic siliceous intrusive rock. Rare quartz eyes.	031180	14.00	16.00	2.00
				031181	16.00	18.00	2.00
				031182	18.00	20.00	2.00
18.90	19.10	ARG	Black siliceous argillite.	031183	20.00	22.00	2.00
				031184	22.00	24.00	2.00
				031185	24.00	26.00	2.00
				031186	26.00	28.00	2.00
26.90	27.10	ARG	Black siliceous argillite.	031187	28.00	30.00	2.00
				031188	30.00	32.00	2.00
				031189	32.00	34.00	2.00
				031190	34.00	36.00	2.00
				031191	36.00	38.00	2.00
				031192	38.00	40.00	2.00
				031193	40.00	42.00	2.00
				031194	42.00	44.00	2.00
				031195	44.00	46.00	2.00
				031196	46.00	48.00	2.00
				031197	48.00	50.00	2.00
				031198	50.00	52.00	2.00
51.20	54.50	QFP	Dark grey quartz feldspar porphyry.	031199	52.00	54.00	2.00
				031200	54.00	56.00	2.00
56.00	62.00	ARG	Black, fissile, graphitic argillite with very finely disseminated sulphides.	031201	56.00	58.00	2.00
				031202	58.00	60.00	2.00
60.00	62.00		Less than 5% quartz feldspar porphyry.	031203	60.00	62.00	2.00
62.00	69.60	QFP	Light grey siliceous quartz feldspar por-	031204	62.00	64.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-529

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			phyry. Finely dissemianted pyrite and pyrite cubes throughout.	031205	64.00	66.00	2.00
				031206	66.00	68.00	2.00
				031207	68.00	70.00	2.00
69.60	74.50	ARG	Black, fissile, graphitic argillite with very finely disseminate sulphides.	031208	70.00	72.00	2.00
				031209	72.00	74.00	2.00
				031210	74.00	76.00	2.00
74.50	82.00	QFP	Green, siliceous quartz feldspar porphyry with abundant clay altered biotite.	031211	76.00	78.00	2.00
				031212	78.00	80.00	2.00
				031213	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-530
Grid System : ORIGINAL
Collar Eastings : 22595.100
Collar Northings : 19696.400
Collar Elevations : 829.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock.	031214	2.00	4.00	2.00
4.00	8.00	P*INT	Weakly to moderately oxidized, to unoxidized, biotite rich quartz feldspar porphyritic siliceous intrusive rock.	031215	4.00	6.00	2.00
				031216	6.00	8.00	2.00
8.00	27.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock.	031217	8.00	10.00	2.00
9.70	11.60	ARG	Black, siliceous graphitic argillite.	031218	10.00	12.00	2.00
				031219	12.00	14.00	2.00
				031220	14.00	16.00	2.00
				031221	16.00	18.00	2.00
18.00	27.00		10-50% quartz feldspar porphyry.	031222	18.00	20.00	2.00
				031223	20.00	22.00	2.00
				031224	22.00	24.00	2.00
				031225	24.00	26.00	2.00
				031226	26.00	28.00	2.00
27.00	32.00	ARG	Black, siliceous, graphitic, argillite.	031227	28.00	30.00	2.00
				031228	30.00	32.00	2.00
32.00	36.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock.	031229	32.00	34.00	2.00
				031230	34.00	36.00	2.00
36.00	64.80	QFP	Light to dark grey, siliceous quartz feldspar porphyry with remnant clay altered biotite. Locally feldspars are bluish green.	031231	36.00	38.00	2.00
				031232	38.00	40.00	2.00
				031233	40.00	42.00	2.00
41.50	42.20	ARG	Black, siliceous argillite.	031234	42.00	44.00	2.00
				031235	44.00	46.00	2.00
				031236	46.00	48.00	2.00
48.00	64.00		Finely disseminated sulphides.	031237	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-530

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031238	50.00	52.00	2.00
				031239	52.00	54.00	2.00
				031240	54.00	56.00	2.00
				031241	56.00	58.00	2.00
				031242	58.00	60.00	2.00
				031243	60.00	62.00	2.00
				031244	62.00	64.00	2.00
				031245	64.00	66.00	2.00
64.80	68.00	ARG	Black, fissile argillite.	031246	66.00	68.00	2.00
68.00	70.00	F*INT	Biotite rich, siliceous quartz feldspar porphyry.	031247	68.00	70.00	2.00
70.00	74.00	QFP	White, silicoeus quartz feldspar porphyry. Biotite altered to clay.	031248	70.00	72.00	2.00
				031249	72.00	74.00	2.00
74.00	82.00	F*INT	Biotite rich, siliceous quartz feldspar porphyry.	031250	74.00	76.00	2.00
				031251	76.00	78.00	2.00
				031252	78.00	80.00	2.00
				031253	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-531
Grid System : ORIGINAL
Collar Eastings : 22645.600
Collar Northings : 19760.000
Collar Elevations : 852.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -70.00
Grid Bearing : 154.00
Final Depth : 82.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	9.20	ARG	Black, siliceous, graphitic argillite.	031254	2.00	4.00	2.00
				031255	4.00	6.00	2.00
				031256	6.00	8.00	2.00
				031257	8.00	10.00	2.00
9.20	34.00	INT	Pervasively oxidized, limonitic feldspar porphyritic siliceous intrusive rock. Rare quartz eyes.	031258	10.00	12.00	2.00
				031259	12.00	14.00	2.00
				031260	14.00	16.00	2.00
				031261	16.00	18.00	2.00
				031262	18.00	20.00	2.00
20.00	24.00		10-20% quartz feldspar porphyry.	031263	20.00	22.00	2.00
				031264	22.00	24.00	2.00
				031265	24.00	26.00	2.00
				031266	26.00	28.00	2.00
				031267	28.00	30.00	2.00
				031268	30.00	32.00	2.00
32.00	34.00		Coarse disseminated pyrite.	031269	32.00	34.00	2.00
34.00	38.00	ARG	Black, siliceous, graphitic argillite. Occasional chip completely replaced by very fine-grained pyrite. Very finely disseminated pyrite throughout.	031270	34.00	36.00	2.00
				031271	36.00	38.00	2.00
38.00	82.00	QFP	Light to medium grey, siliceous quartz feldspar porphyry. Finely disseminated pyrite and arsenopyrite (?) throughout.	031272	38.00	40.00	2.00
				031273	40.00	42.00	2.00
42.00	43.50	ARG	Black, siliceous graphitic argillite with massive pyrite.	031274	42.00	44.00	2.00
44.00	46.00		Massive stibnite.	031275	44.00	46.00	2.00
				031276	46.00	48.00	2.00
				031277	48.00	50.00	2.00
				031278	50.00	52.00	2.00
51.50	53.40	SEDS	Black, siliceous shale and soft, grey	031279	52.00	54.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-531

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			phyllitic siltstone.	031280	54.00	56.00	2.00
				031281	56.00	58.00	2.00
				031282	58.00	60.00	2.00
				031283	60.00	62.00	2.00
				031284	62.00	64.00	2.00
				031285	64.00	66.00	2.00
				031286	66.00	68.00	2.00
				031287	68.00	70.00	2.00
				031288	70.00	72.00	2.00
				031289	72.00	74.00	2.00
				031290	74.00	76.00	2.00
				031291	76.00	78.00	2.00
				031292	78.00	80.00	2.00
				031293	80.00	82.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-532
Grid System : ORIGINAL
Collar Eastings : 22822.300
Collar Northings : 19712.800
Collar Elevations : 849.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 74.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	17.00	SEDS	Predominantly black fissile shale with soft grey phyllitic siltstone or ashstone. Abundant limonitic coated fracture surfaces	031321	2.00	4.00	2.00
				031322	4.00	6.00	2.00
				031323	6.00	8.00	2.00
				031324	8.00	10.00	2.00
				031325	10.00	12.00	2.00
				031326	12.00	14.00	2.00
				031327	14.00	16.00	2.00
				031328	16.00	18.00	2.00
17.00	26.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Rare quartz eyes.	031329	18.00	20.00	2.00
20.00	24.00		20-25% quartz feldspar porphyry.	031330	20.00	22.00	2.00
				031331	22.00	24.00	2.00
				031332	24.00	26.00	2.00
26.00	32.00	ARG	Black, fissile, graphitic argillite.	031333	26.00	28.00	2.00
				031334	28.00	30.00	2.00
				031335	30.00	32.00	2.00
32.00	58.00	INT	Pervasively oxidized, limonitic siliceous intrusive rock. Rare quartz eyes.				
32.00	34.00		20% white, siliceous quartz feldspar porphyry with disseminated pyrite.	031336	32.00	34.00	2.00
				031337	34.00	36.00	2.00
				031338	36.00	38.00	2.00
				031339	38.00	40.00	2.00
				031340	40.00	42.00	2.00
				031341	42.00	44.00	2.00
				031342	44.00	46.00	2.00
				031343	46.00	48.00	2.00
				031344	48.00	50.00	2.00
				031345	50.00	52.00	2.00
				031346	52.00	54.00	2.00
				031347	54.00	56.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-532

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031348	56.00	58.00	2.00
58.00	74.00	F*INT	White to light grey, biotite rich quartz feldspar porphyry.	031349	58.00	60.00	2.00
				031350	60.00	62.00	2.00
				031351	62.00	64.00	2.00
				031352	64.00	66.00	2.00
				031353	66.00	68.00	2.00
				031354	68.00	70.00	2.00
				031355	70.00	72.00	2.00
				031356	72.00	74.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-533
Grid System : ORIGINAL
Collar Eastings : 22882.000
Collar Northings : 19780.400
Collar Elevations : 844.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample.				
4.00	7.00	SEDS	Black, siliceous shale and soft, grey, phyllitic siltstone or ashstone.	031357	4.00	6.00	2.00
				031358	6.00	8.00	2.00
7.00	40.00	INT	Pervasively oxidized, limonitic, feldspar porphyritic siliceous intrusive rock. Abundant clay altered biotite.				
8.00	12.00		5-10% argillite.	031359	8.00	10.00	2.00
				031360	10.00	12.00	2.00
				031361	12.00	14.00	2.00
				031362	14.00	16.00	2.00
				031363	16.00	18.00	2.00
				031364	18.00	20.00	2.00
				031365	20.00	22.00	2.00
				031366	22.00	24.00	2.00
				031367	24.00	26.00	2.00
				031368	26.00	28.00	2.00
				031369	28.00	30.00	2.00
				031370	30.00	32.00	2.00
				031371	32.00	34.00	2.00
				031372	34.00	36.00	2.00
				031373	36.00	38.00	2.00
				031374	38.00	40.00	2.00
40.00	46.00	F*INT	Light grey, biotite rich siliceous quartz feldspar porphyry. Weakly oxidized.	031375	40.00	42.00	2.00
				031376	42.00	44.00	2.00
				031377	44.00	46.00	2.00
46.00	54.50	QFP	White to light grey, siliceous quartz feldspar porphyry. Minor disseminated sulphides.				
46.00	48.00		40% limonitic intrusive.	031378	46.00	48.00	2.00
48.00	50.00		25% limonitic intrusive.	031379	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-533

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
				031380	50.00	52.00	2.00
				031381	52.00	54.00	2.00
				031382	54.00	56.00	2.00
54.50	56.00	SEDS	Coarse grained gritty sandstone with white cherty fragments (50-60%) in a black cherty matirx.				
56.00	59.00	ARG	Black fissile agrillite with less than 2% sandstone. Minor soft grey phyllitic siltstone or ashstone.	031383	56.00	58.00	2.00
				031384	58.00	60.00	2.00
59.00	64.00	QFP	White to grey, siliceous quartz feldspar porphyry with minor disseminated sulphides	031385	60.00	62.00	2.00
				031386	62.00	64.00	2.00
64.00	66.00	ARG	Black, siliceous graphitic argillite.	031387	64.00	66.00	2.00
66.00	76.00	QFP	White to grey, siliceous quartz feldspar porphyry with minor disseminated sulphides	031388	66.00	68.00	2.00
				031389	68.00	70.00	2.00
				031390	70.00	72.00	2.00
				031391	72.00	74.00	2.00
				031392	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-534
Grid System : ORIGINAL
Collar Eastings : 18312.900
Collar Northings : 20230.000
Collar Elevations : 821.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	40.00	SEDS	Fine grained, black, siliceous, greywacke to sandstone, with sugary quartz stockwork and finely disseminated sulphides.	031393	2.00	4.00	2.00
4.00	12.00		5-10% soft, fissile light grey-brown shale	031394	4.00	6.00	2.00
				031395	6.00	8.00	2.00
				031396	8.00	10.00	2.00
				031397	10.00	12.00	2.00
12.00	14.00		Stockwork is brecciated, trace stibnite.	031398	12.00	14.00	2.00
14.00	16.00		Chip of yellow, soft, brecciated, mylonite textured rock.	031399	14.00	16.00	2.00
				031400	16.00	18.00	2.00
				031401	18.00	20.00	2.00
				031402	20.00	22.00	2.00
22.00	40.00		Black greywacke is very fine grained with minor graphitic surfaces.	031403	22.00	24.00	2.00
				031404	24.00	26.00	2.00
				031405	26.00	28.00	2.00
				031406	28.00	30.00	2.00
				031407	30.00	32.00	2.00
				031408	32.00	34.00	2.00
				031409	34.00	36.00	2.00
				031410	36.00	38.00	2.00
				031411	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-535
Grid System : ORIGINAL
Collar Eastings : 18311.500
Collar Northings : 20204.600
Collar Elevations : 817.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	30.00	SEDS	Grey, limonitic, fissile shale and black greywacke.				
2.00	20.00		Sediments contain 40% greywacke.	031412	2.00	4.00	2.00
				031413	4.00	6.00	2.00
				031414	6.00	8.00	2.00
				031415	8.00	10.00	2.00
				031416	10.00	12.00	2.00
				031417	12.00	14.00	2.00
				031418	14.00	16.00	2.00
				031419	16.00	18.00	2.00
				031420	18.00	20.00	2.00
20.00	25.00	STWK	Grey quartz with minor silicified greywacke.	031421	20.00	22.00	2.00
				031422	22.00	24.00	2.00
			NOTE: 22-24 m, contains 10% massive stibnite and 24-26 m, contains 5% massive stibnite.	031423	24.00	26.00	2.00
26.00	30.00		70% black greywacke.	031424	26.00	28.00	2.00
			NOTE: 28-30 m has disseminated pyrite or arsenopyrite.	031425	28.00	30.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-536
Grid System : ORIGINAL
Collar Eastings : 18310.500
Collar Northings : 20179.400
Collar Elevations : 811.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	60.00	SEDS	Grey, limonitic, fissile shale and black greywacke to fine grained sandstone.				
2.00	18.00		40-60% greywacke.	031426	2.00	4.00	2.00
			NOTE: 6-10 m has 60% tan quartzite.	031427	4.00	6.00	2.00
				031428	6.00	8.00	2.00
				031429	8.00	10.00	2.00
				031430	10.00	12.00	2.00
				031431	12.00	14.00	2.00
				031432	14.00	16.00	2.00
				031433	16.00	18.00	2.00
18.00	36.00		10-20% greywacke.	031434	18.00	20.00	2.00
				031435	20.00	22.00	2.00
				031436	22.00	24.00	2.00
				031437	24.00	26.00	2.00
				031438	26.00	28.00	2.00
				031439	28.00	30.00	2.00
				031440	30.00	32.00	2.00
				031441	32.00	34.00	2.00
				031442	34.00	36.00	2.00
				031443	36.00	38.00	2.00
37.00	42.00	STWF	Grey to white quartz in siliceous grey-wacke. Disseminated pyrite and arseno-pyrite, trace stibnite.	031444	38.00	40.00	2.00
				031445	40.00	42.00	2.00
42.00	60.00		Black, fine grained gritty greywacke with disseminated pyrite and arsenopyrite.	031446	42.00	44.00	2.00
				031447	44.00	46.00	2.00
			NOTE: 42-44 m has 15% massive stibnite and 44-46 m has 5% massive stibnite.	031448	46.00	48.00	2.00
				031449	48.00	50.00	2.00
				031450	50.00	52.00	2.00
				031451	52.00	54.00	2.00
				031452	54.00	56.00	2.00
				031453	56.00	58.00	2.00
				031454	58.00	60.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-537
Grid System : ORIGINAL
Collar Eastings : 18311.500
Collar Northings : 20150.500
Collar Elevations : 805.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	58.00	SEDS	Grey, fissile shale and black greywacke grading to fine-grained sandstone.				
2.00	12.00		50% greywacke	031455	2.00	4.00	2.00
				031456	4.00	6.00	2.00
				031457	6.00	8.00	2.00
				031458	8.00	10.00	2.00
				031459	10.00	12.00	2.00
12.00	20.00		100% greywacke	031460	12.00	14.00	2.00
			NOTE: 12-16 m, has minor disseminated	031461	14.00	16.00	2.00
			arsenopyrite.	031462	16.00	18.00	2.00
				031463	18.00	20.00	2.00
20.00	40.00		30-50% black greywacke.	031464	20.00	22.00	2.00
				031465	22.00	24.00	2.00
				031466	24.00	26.00	2.00
				031467	26.00	28.00	2.00
				031468	28.00	30.00	2.00
				031469	30.00	32.00	2.00
				031470	32.00	34.00	2.00
				031471	34.00	36.00	2.00
				031472	36.00	38.00	2.00
				031473	38.00	40.00	2.00
40.00	58.00		70-80% greywacke with disseminated pyrite	031474	40.00	42.00	2.00
			and arsenopyrite.	031475	42.00	44.00	2.00
				031476	44.00	46.00	2.00
				031477	46.00	48.00	2.00
				031478	48.00	50.00	2.00
				031479	50.00	52.00	2.00
				031480	52.00	54.00	2.00
				031481	54.00	56.00	2.00
				031482	56.00	58.00	2.00
58.00	60.00	QPP	Extremely pyrite-rich, stockworked white quartz feldspar porphyry. 10% massive	031483	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-537

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			stibnite.				
60.00	70.00	SEDS	Stockworked, sulphide-rich black, siliceous greywacke.				
60.00	62.00		7% massive stibnite.	031484	60.00	62.00	2.00
62.00	70.00	STWK	Grey to white quartz in gritty sediments.	031485	62.00	64.00	2.00
			5-20% massive stibnite in each interval.	031486	64.00	66.00	2.00
				031487	66.00	68.00	2.00
				031488	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-538
Grid System : ORIGINAL
Collar Eastings : 18368.000
Collar Northings : 20161.200
Collar Elevations : 799.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	70.00	SEDS	Black greywacke grading to fine-grained sandstone, and grey fissile shale.				
2.00	28.00		80-90% limonitic greywacke.	031489	2.00	4.00	2.00
			NOTE: 12-16 m has 40% tan, very fine-	031490	4.00	6.00	2.00
			grained sandstone.	031491	6.00	8.00	2.00
				031492	8.00	10.00	2.00
				031493	10.00	12.00	2.00
				031494	12.00	14.00	2.00
				031495	14.00	16.00	2.00
				031496	16.00	18.00	2.00
				031497	18.00	20.00	2.00
				031498	20.00	22.00	2.00
				031499	22.00	24.00	2.00
				031500	24.00	26.00	2.00
				031501	26.00	28.00	2.00
28.00	38.00		60-70% gritty greywacke.	031502	28.00	30.00	2.00
				031503	30.00	32.00	2.00
				031504	32.00	34.00	2.00
				031505	34.00	36.00	2.00
				031506	36.00	38.00	2.00
38.00	48.00		50-60% gritty greywacke, with disseminated	031507	38.00	40.00	2.00
			pyrite and/or arsenopyrite.	031508	40.00	42.00	2.00
			NOTE: 46-48 m has 1% massive stibnite.	031509	42.00	44.00	2.00
				031510	44.00	46.00	2.00
				031511	46.00	48.00	2.00
48.00	62.00	STWK	White to grey quartz with trace to 1%	031512	48.00	50.00	2.00
			stibnite in black, pyritic, greywacke.	031513	50.00	52.00	2.00
				031514	52.00	54.00	2.00
				031515	54.00	56.00	2.00
				031516	56.00	58.00	2.00
				031517	58.00	60.00	2.00
				031518	60.00	62.00	2.00
62.00	70.00		90% black gritty greywacke with dissem-	031519	62.00	64.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-538

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			inated sulphides.	031520	64.00	66.00	2.00
				031521	66.00	68.00	2.00
				031522	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-539
Grid System : ORIGINAL
Collar Eastings : 18368.000
Collar Northings : 20159.200
Collar Elevations : 799.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 88.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	88.00	SEDS	Black, siliceous, gritty greywacke to sandstone.				
2.00	14.00		10-20% soft grey fissile mudstone or ash-stone.	031523	2.00	4.00	2.00
				031524	4.00	6.00	2.00
				031525	6.00	8.00	2.00
				031526	8.00	10.00	2.00
				031527	10.00	12.00	2.00
				031528	12.00	14.00	2.00
				031529	14.00	16.00	2.00
15.00	16.40	INT	Limonitic intrusive primary textures gone.	031530	16.00	18.00	2.00
18.00	40.00		20-50% dark grey shale. Disseminated sul-phides begin at 22 m.	031531	18.00	20.00	2.00
				031532	20.00	22.00	2.00
			NOTE: 36-40 m has 5% slightly limonitic quartz feldspar porphyry.	031533	22.00	24.00	2.00
				031534	24.00	26.00	2.00
				031535	26.00	28.00	2.00
				031536	28.00	30.00	2.00
				031537	30.00	32.00	2.00
				031538	32.00	34.00	2.00
				031539	34.00	36.00	2.00
				031540	36.00	38.00	2.00
				031541	38.00	40.00	2.00
40.00	46.00		50-60% dark grey shale. Finely dissem-inated sulphides in greywacke and shale.	031542	40.00	42.00	2.00
				031543	42.00	44.00	2.00
				031544	44.00	46.00	2.00
46.00	56.00		5-15% grey shale, stockworked, dissemin-ated sulphides.	031545	46.00	48.00	2.00
				031546	48.00	50.00	2.00
				031547	50.00	52.00	2.00
				031548	52.00	54.00	2.00
				031549	54.00	56.00	2.00
				031550	56.00	58.00	2.00
57.60	59.00	QFP	White to tan porphyry with abundant dis-seminated pyrite.	031551	58.00	60.00	2.00
				031552	60.00	62.00	2.00
62.00	78.00	STWK	White to grey brecciated stockwork in	031553	62.00	64.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-539

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			pyritic greywacke.	031554	64.00	66.00	2.00
			NOTE: 68-70 m has 1% stibnite.	031555	66.00	68.00	2.00
				031556	68.00	70.00	2.00
				031557	70.00	72.00	2.00
				031558	72.00	74.00	2.00
				031559	74.00	76.00	2.00
				031560	76.00	78.00	2.00
				031561	78.00	80.00	2.00
79.00	81.00	QFP	Grey porphyry with disseminated pyrite cubes.	031562	80.00	82.00	2.00
82.00	83.00	QFP	Grey porphyry with disseminated pyrite cubes.	031563	82.00	84.00	2.00
84.00	88.00	STWK	White to grey brecciated stockwork in pyritic greywacke.	031564	84.00	86.00	2.00
				031565	86.00	88.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-540
Grid System : ORIGINAL
Collar Eastings : 18574.300
Collar Northings : 20187.100
Collar Elevations : 770.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	26.00	ARG	Black, fissile to siliceous, phyllitic, graphitic argillite.				
2.00	12.00		90% clay balls, fault or overburden?	031566	2.00	4.00	2.00
				031567	4.00	6.00	2.00
				031568	6.00	8.00	2.00
				031569	8.00	10.00	2.00
				031570	10.00	12.00	2.00
12.00	16.00		20% clay balls.	031571	12.00	14.00	2.00
				031572	14.00	16.00	2.00
				031573	16.00	18.00	2.00
				031574	18.00	20.00	2.00
				031575	20.00	22.00	2.00
				031576	22.00	24.00	2.00
				031577	24.00	26.00	2.00
26.00	30.50	INT	Weakly limonitic, pyritic intrusive.	031578	26.00	28.00	2.00
				031579	28.00	30.00	2.00
				031580	30.00	32.00	2.00
30.50	42.00	ARG	Black, fissile to siliceous, phyllitic, graphitic argillite with minor disseminated pyrite.	031581	32.00	34.00	2.00
				031582	34.00	36.00	2.00
36.00	38.00		Occasional chips almost completely replaced with cubic and massive pyrite.	031583	36.00	38.00	2.00
				031584	38.00	40.00	2.00
				031585	40.00	42.00	2.00
40.50	41.50	INT	Weakly limonitic intrusive with biotites all altered to clay.				
42.00	60.00	SEDS	Black greywacke and minor dark grey fissile shale. Finely disseminated arsenopyrite and pyrite.	031586	42.00	44.00	2.00
				031587	44.00	46.00	2.00
				031588	46.00	48.00	2.00
				031589	48.00	50.00	2.00
				031590	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-540

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
50.70	51.30	QFP	Tan, stockworked, porphyry with minor disseminated pyrite.	031591	52.00	54.00	2.00
				031592	54.00	56.00	2.00
				031593	56.00	58.00	2.00
				031594	58.00	60.00	2.00
58.60	59.40	QFP	Grey, pyritic porphyry with biotites altered to clay.				
60.00	70.00	ARG	Black, graphitic, siliceous argillite with minor disseminated sulphides.	031595	60.00	62.00	2.00
				031596	62.00	64.00	2.00
				031597	64.00	66.00	2.00
				031598	66.00	68.00	2.00
				031599	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-541
Grid System : ORIGINAL
Collar Eastings : 18573.900
Collar Northings : 20211.200
Collar Elevations : 773.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.70	ARG	Soft to siliceous graphitic fissile argillite with finely disseminated sulphides, stockwork and occasionally brecciated argillite and stockwork.				
2.00	4.00		5% medium grey shale.	031600	2.00	4.00	2.00
				031601	4.00	6.00	2.00
				031602	6.00	8.00	2.00
8.00	10.00		Rare subhedral quartz crystals.	031603	8.00	10.00	2.00
				031604	10.00	12.00	2.00
				031605	12.00	14.00	2.00
				031606	14.00	16.00	2.00
				031607	16.00	18.00	2.00
				031608	18.00	20.00	2.00
18.70	24.05	QFP	Pervasively oxidized siliceous granular quartz feldspar porphyry with disseminated occasionally cubic pyrite.				
19.95	20.05	ARG	Siliceous stockworked argillite.	031609	20.00	22.00	2.00
				031610	22.00	24.00	2.00
				031611	24.00	26.00	2.00
24.05	38.00	ARG	Soft to siliceous fissile graphitic argillite with finely dissemianted sulphides.	031612	26.00	28.00	2.00
				031613	28.00	30.00	2.00
				031614	30.00	32.00	2.00
				031615	32.00	34.00	2.00
				031616	34.00	36.00	2.00
				031617	36.00	38.00	2.00
38.00	44.00	SEDS	Dark grey to black quartz flooded greywacke with disseminated occasionally cubic pyrite.	031618	38.00	40.00	2.00
				031619	40.00	42.00	2.00
40.40	41.60	ARG	Soft to siliceous fissile graphitic argillite with finely disseminated sulphides.	031620	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-541

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
44.00	70.00	ARG	Soft to siliceous fissile graphitic argillite with dissemianted sulphides.				
44.00	60.00		Contains 5-10% grey quartz feldspar porpyry with disseminated sulphides.	031621	44.00	46.00	2.00
				031622	46.00	48.00	2.00
				031623	48.00	50.00	2.00
				031624	50.00	52.00	2.00
				031625	52.00	54.00	2.00
				031626	54.00	56.00	2.00
				031627	56.00	58.00	2.00
				031628	58.00	60.00	2.00
				031629	60.00	62.00	2.00
60.70	61.30	QFP	Grey quartz feldspar porphyry with disseminated sulphides.	031630	62.00	64.00	2.00
				031631	64.00	66.00	2.00
				031632	66.00	68.00	2.00
67.20	68.50	QFP	Brownish-grey quartz feldspar porphyry with feldspars altered to blue-green clay and disseminated sulphides.	031633	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-542
Grid System : ORIGINAL
Collar Eastings : 18572.100
Collar Northings : 20289.800
Collar Elevations : 790.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample.				
4.00	39.00	ARG	Black fissile to silicified, stockworked graphitic argillite.	031634	4.00	6.00	2.00
				031635	6.00	8.00	2.00
6.70	7.30	INT	Pervasively limonitic, granular textured stockworked intrusive.	031636	8.00	10.00	2.00
8.80	9.20	INT	Pervasively limonitic, granular textured stockworked intrusive.	031637	10.00	12.00	2.00
10.60	11.40	INT	Pervasively limonitic, granular textured stockworked intrusive.	031638	12.00	14.00	2.00
12.80	13.20	INT	Pervasively limonitic, granular textured stockworked intrusive.	031639	14.00	16.00	2.00
				031640	16.00	18.00	2.00
16.50	17.50	INT	Pervasively limonitic, granular textured, stockworked intrusive.	031641	18.00	20.00	2.00
18.50	19.50	INT	Pervasively limonitic, granular textured, stockworked intrusive.	031642	20.00	22.00	2.00
20.50	21.50	INT	Pervasively limonitic, granular textured, stockworked intrusive with trace disseminated pyrite.	031643	22.00	24.00	2.00
22.90	23.10	INT	Pervasively limonitic, granular textured, stockworked intrusive.	031644	24.00	26.00	2.00
				031645	26.00	28.00	2.00
28.00	34.00		10% pervasively limonitic, granular textured, stockworked intrusive.	031646	28.00	30.00	2.00
				031647	30.00	32.00	2.00
				031648	32.00	34.00	2.00
34.00	39.00		Argillite has finely disseminated sulphides.	031649	34.00	36.00	2.00
				031650	36.00	38.00	2.00
				031651	38.00	40.00	2.00
39.00	41.00	QFP	Grey porphyry with disseminated massive to cubic pyrite.	031652	40.00	42.00	2.00
41.00	50.00	ARG	Black, fissile, graphitic argillite with finely disseminated sulphides.	031653	42.00	44.00	2.00
				031654	44.00	46.00	2.00
44.50	45.50	QFP	Greenish grey porphyry with minor pyrite	031655	46.00	48.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-542

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			and all biotites altered to clay.	031656	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-543
Grid System : ORIGINAL
Collar Eastings : 18571.100
Collar Northings : 20263.600
Collar Elevations : 786.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	Casing	Casing				
2.00	10.00		No sample				
10.00	14.00	SEDS	Black greywacke to fine grained sandstone minor grey shale.	031657	10.00	12.00	2.00
				031658	12.00	14.00	2.00
14.00	50.00	ARG	Black, fissile to silicified, graphitic argillite.	031659	14.00	16.00	2.00
				031660	16.00	18.00	2.00
				031661	18.00	20.00	2.00
				031662	20.00	22.00	2.00
				031663	22.00	24.00	2.00
				031664	24.00	26.00	2.00
				031665	26.00	28.00	2.00
				031666	28.00	30.00	2.00
28.50	29.50	INT	Pervasively limonitic intrusive.				
30.00	34.00		40% grey to tan silicified ashstone (?) with minor disseminated pyrite.	031667	30.00	32.00	2.00
				031668	32.00	34.00	2.00
34.00	36.00		10% limonitic intrusive with trace disseminated pyrite.	031669	34.00	36.00	2.00
				031670	36.00	38.00	2.00
				031671	38.00	40.00	2.00
39.00	41.00		Grey aphanitic chert with finely disseminated sulphides.	031672	40.00	42.00	2.00
41.00	49.00		Argillite has disseminated pyrite and perhaps arsenopyrite.	031673	42.00	44.00	2.00
				031674	44.00	46.00	2.00
				031675	46.00	48.00	2.00
				031676	48.00	50.00	2.00
49.00	50.00	QFP	Green and pink porphyry with disseminated pyrite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : bCRC 91-544
Grid System : ORIGINAL
Collar Eastings : 18573.200
Collar Northings : 20239.400
Collar Elevations : 779.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	16.30	ARG	Black, siliceous to fissile, stockworked argillite. Caly rich.	031677	4.00	6.00	2.00
				031678	6.00	8.00	2.00
				031679	8.00	10.00	2.00
				031680	10.00	12.00	2.00
				031681	12.00	14.00	2.00
				031682	14.00	16.00	2.00
				031683	16.00	18.00	2.00
16.30	19.00	INT	Pervasively limonitic, siliceous intrusive	031684	18.00	20.00	2.00
19.00	50.00	ARG	Black, siliceous, graphitic argillite with minor disseminated sulphides.				
19.00	24.00		10% limonitic intrusive, abundant clay balls.	031685	20.00	22.00	2.00
				031686	22.00	24.00	2.00
24.00	26.00	STWK	White quartz with trace stibnite.	031687	24.00	26.00	2.00
				031688	26.00	28.00	2.00
				031689	28.00	30.00	2.00
30.00	34.00		Trace stibnite.	031690	30.00	32.00	2.00
				031691	32.00	34.00	2.00
				031692	34.00	36.00	2.00
				031693	36.00	38.00	2.00
38.00	40.00		Trace stibnite.	031694	38.00	40.00	2.00
				031695	40.00	42.00	2.00
				031696	42.00	44.00	2.00
42.50	43.50	INT	Pervasively limonitic, pyritic intrusive with green altered feldspars.				
44.00	50.00		50% siliceous, grey, pyritic, fissile ashstone.	031697	44.00	46.00	2.00
				031698	46.00	48.00	2.00
				031699	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-545
Grid System : ORIGINAL
Collar Eastings : 18521.100
Collar Northings : 20242.200
Collar Elevations : 790.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	19.00	SEDS	Black to grey gritty greywacke grading to fine-grained sandstone. Rare disseminated pyrite.	031700	2.00	4.00	2.00
2.80	3.20	ARG	Siliceous stockworked and occasionally brecciated argillite. Trace disseminated sulphides.	031701	4.00	6.00	2.00
6.00	8.00		10% brownish-grey very soft fine-grained peppered phyllite, possibly ashstone or siltstone.	031702	6.00	8.00	2.00
				031703	8.00	10.00	2.00
				031704	10.00	12.00	2.00
12.00	19.00		90% clay, occasional black mudstone and stockwork.	031705	12.00	14.00	2.00
				031706	14.00	16.00	2.00
				031707	16.00	18.00	2.00
				031708	18.00	20.00	2.00
19.00	24.00	INT	Limonitic, porphyritic, intrusive with trace unoxidized pyrite.	031709	20.00	22.00	2.00
				031710	22.00	24.00	2.00
24.00	42.00	SEDS	Dark grey to black greywacke with disseminated arsenopyrite and/or pyrite.	031711	24.00	26.00	2.00
				031712	26.00	28.00	2.00
				031713	28.00	30.00	2.00
				031714	30.00	32.00	2.00
				031715	32.00	34.00	2.00
				031716	34.00	36.00	2.00
				031717	36.00	38.00	2.00
38.00	40.00		Disseminated stibnite which is occasionally massive.	031718	38.00	40.00	2.00
40.00	42.00		60% white quartz feldspar porphyry with disseminated sulphides. NOTE: Disseminated stibnite which is occasionally massive.	031719	40.00	42.00	2.00
42.00	58.00	ARG	Siliceous graphitic argillite, heavily stockworked and occasionally brecciated				

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-545

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with very finely disseminated sulphides.				
42.00	44.00		50% white quartz feldspar porphyry with disseminated sulphides. NOTE: Trace stibnite which is occasionally massive.	031720	42.00	44.00	2.00
44.00	48.00		30% white quartz feldspar porphyry with disseminated sulphides. NOTE: Trace stibnite which is occasionally massive.	031721 031722	44.00 46.00	46.00 48.00	2.00 2.00
48.00	50.00		60% white quartz feldspar porphyry with disseminated sulphides.	031723	48.00	50.00	2.00
50.00	52.00		5% white quartz feldspar porphyry with disseminated sulphides.	031724	50.00	52.00	2.00
52.00	54.00		20% white quartz feldspar porphyry with disseminated sulphides.	031725 031726	52.00 54.00	54.00 56.00	2.00 2.00
56.00	58.00		25% dark grey pyritic shale and 5% gritty greywacke.	031727	56.00	58.00	2.00
58.00	60.00	SEDS	Dark grey siliceous stockworked shale.	031728	58.00	60.00	2.00
60.00	62.80	QFP	Cream coloured quartz feldspar porphyry with feldspars altered to green clay, with 20-30% black siliceous greywacke.	031729 031730	60.00 62.00	62.00 64.00	2.00 2.00
62.80	70.00	ARG	Siliceous dark grey to black fissile graphitic argillite.				
64.00	66.00		20% fresh intrusive with sericitized feldspars.	031731	64.00	66.00	2.00
66.00	68.00		10% cream coloured quartz feldspar porphyry.	031732 031733	66.00 68.00	68.00 70.00	2.00 2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-546
Grid System : ORIGINAL
Collar Eastings : 18515.800
Collar Northings : 20162.400
Collar Elevations : 772.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 106.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	6.00	SEDS	Black limonitic greywacke with 10% brec-ciated, stockworked chips.	031734	4.00	6.00	2.00
6.00	10.00	INT	Pervasively limonitic, siliceous intrusive	031735	6.00	8.00	2.00
				031736	8.00	10.00	2.00
10.00	20.00	ARG	Black, fissile to siliceous, graphitic stockworked argillite. 5-10% limonitic intrusive.	031737	10.00	12.00	2.00
				031738	12.00	14.00	2.00
				031739	14.00	16.00	2.00
				031740	16.00	18.00	2.00
				031741	18.00	20.00	2.00
20.00	27.00	INT	Pervasively limonitic, siliceous intrusive with pinkish tinge. Trace unoxidized pyrite.	031742	20.00	22.00	2.00
				031743	22.00	24.00	2.00
				031744	24.00	26.00	2.00
				031745	26.00	28.00	2.00
27.00	74.00	SEDS	Black gritty greywacke with disseminated sulphides.				
27.00	32.00		40% limonitic intrusive and greenish grey quartz feldspar porphyry, both with minor disseminated pyrite. NOTE: 28-30 m has trace stibnite.	031746	28.00	30.00	2.00
				031747	30.00	32.00	2.00
				031748	32.00	34.00	2.00
				031749	34.00	36.00	2.00
				031750	36.00	38.00	2.00
37.50	38.50	QFP	White, pyritic quartz feldspar porphyry.	031751	38.00	40.00	2.00
38.50	64.00		20% black, fissile, graphitic argillite. NOTE: 46-48 m has trace stibnite.	031752	40.00	42.00	2.00
				031753	42.00	44.00	2.00
				031754	44.00	46.00	2.00
				031755	46.00	48.00	2.00
				031756	48.00	50.00	2.00
				031757	50.00	52.00	2.00
				031758	52.00	54.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-546

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031759	54.00	56.00	2.00
				031760	56.00	58.00	2.00
				031761	58.00	60.00	2.00
				031762	60.00	62.00	2.00
				031763	62.00	64.00	2.00
64.00	74.00		50% black, fissile, graphitic, sulphide-rich argillite.	031764	64.00	66.00	2.00
				031765	66.00	68.00	2.00
				031766	68.00	70.00	2.00
				031767	70.00	72.00	2.00
				031768	72.00	74.00	2.00
74.00	106.00	ARG	Black, fissile to siliceous, extremely graphitic argillite with finely disseminated arsenopyrite and or pyrite.	031769	74.00	76.00	2.00
				031770	76.00	78.00	2.00
				031771	78.00	80.00	2.00
				031772	80.00	82.00	2.00
				031773	82.00	84.00	2.00
				031774	84.00	86.00	2.00
				031775	86.00	88.00	2.00
				031776	88.00	90.00	2.00
				031777	90.00	92.00	2.00
				031778	92.00	94.00	2.00
				031779	94.00	96.00	2.00
				031780	96.00	98.00	2.00
				031781	98.00	100.00	2.00
				031782	100.00	102.00	2.00
				031783	102.00	104.00	2.00
				031784	104.00	106.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-547
Grid System : ORIGINAL
Collar Eastings : 18465.600
Collar Northings : 20145.000
Collar Elevations : 781.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	ARG	Black, cherty, graphitic argillite. Prominant rusty weathering on fracture surfaces and quartz stockwork.	031785	2.00	4.00	2.00
				031786	4.00	6.00	2.00
				031787	6.00	8.00	2.00
				031788	8.00	10.00	2.00
10.00	26.00	SEDS	Grey, very fine-grained greywacke and minor black, cherty shale.	031789	10.00	12.00	2.00
				031790	12.00	14.00	2.00
				031791	14.00	16.00	2.00
				031792	16.00	18.00	2.00
				031793	18.00	20.00	2.00
				031794	20.00	22.00	2.00
				031795	22.00	24.00	2.00
24.00	26.00		Greenish-grey, very fine-grained quartzite	031796	24.00	26.00	2.00
26.00	28.00	INT	Pervasively silicized, quartz feldspar porphyry. Abundant quartz eyes.	031797	26.00	28.00	2.00
28.00	44.50	SEDS	Black, fine-grained, gritty greywacke and black fissile argillite.	031798	28.00	30.00	2.00
				031799	30.00	32.00	2.00
				031800	32.00	34.00	2.00
				031801	34.00	36.00	2.00
				031802	36.00	38.00	2.00
				031803	38.00	40.00	2.00
				031804	40.00	42.00	2.00
				031805	42.00	44.00	2.00
				031806	44.00	46.00	2.00
44.50	53.50	QFP	Grey to pinkish, quartz feldspar porphyry. Abundant disseminated pyrite.	031807	46.00	48.00	2.00
				031808	48.00	50.00	2.00
				031809	50.00	52.00	2.00
				031810	52.00	54.00	2.00
53.50	70.00	ARG	Black, fissile argillite and minor very	031811	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-547

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			fine-grained greywacke.	031812	56.00	58.00	2.00
				031813	58.00	60.00	2.00
				031814	60.00	62.00	2.00
				031815	62.00	64.00	2.00
				031816	64.00	66.00	2.00
				031817	66.00	68.00	2.00
				031818	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-548
Grid System : ORIGINAL
Collar Eastings : 18614.000
Collar Northings : 20305.800
Collar Elevations : 784.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	8.00	Casing	Casing				
2.00	8.00		No sample				
8.00	12.00	SEDS	Very fine-grained sandstone and black siliceous argillite. Stockworked and hairline pyrite fractures.	031819	8.00	10.00	2.00
				031820	10.00	12.00	2.00
12.00	14.00	ARG	Black, fissile, graphitic argillite.	031821	12.00	14.00	2.00
14.00	20.00	SEDS	Predominantly black, fissile, stockworked argillite and greenish-grey, very fine-grained sandstone.	031822	14.00	16.00	2.00
				031823	16.00	18.00	2.00
				031824	18.00	20.00	2.00
20.00	22.50	QFP	Weakly to moderately oxidized, siliceous intrusive rock. Very fine-grained with rare feldspar phenocrysts. Minor disseminated sulphides.	031825	20.00	22.00	2.00
				031826	22.00	24.00	2.00
22.50	26.00	ARG	Black, siliceous, graphitic, stockworked argillite.	031827	24.00	26.00	2.00
26.00	28.00	QFP	Weakly to moderately oxidized, siliceous intrusive rock. Very fine-grained with rare feldspar phenocrysts. Minor disseminated sulphides. Coarse quartz eyes.	031828	26.00	28.00	2.00
28.00	35.00	ARG	Black, fissile, graphitic stockworked argillite.	031829	28.00	30.00	2.00
				031830	30.00	32.00	2.00
				031831	32.00	34.00	2.00
				031832	34.00	36.00	2.00
35.00	43.00	QFP	White to pink coloured, siliceous quartz feldspar porphyry. Abundant coarse, cubic pyrite.	031833	36.00	38.00	2.00
				031834	38.00	40.00	2.00
				031835	40.00	42.00	2.00
				031836	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-548

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
43.00	46.00	ARG	Black, fissile, graphitic argillite.	031837	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-549
Grid System : ORIGINAL
Collar Eastings : 18616.300
Collar Northings : 20290.600
Collar Elevations : 781.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	Casing	Casing				
2.00	10.00		No sample				
10.00	14.50	INT	Moderately oxidized quartz-feldspar porphyry.	031838	10.00	12.00	2.00
				031839	12.00	14.00	2.00
				031840	14.00	16.00	2.00
14.50	20.50	SEDS	Greenish-grey, very fine-grained quartzite and black cherty argillite. Abundant quartz and oxidized sulphide stringers.	031841	16.00	18.00	2.00
				031842	18.00	20.00	2.00
				031843	20.00	22.00	2.00
20.50	26.40	QFP	White to pink, quartz feldspar porphyry with disseminated pyrite.	031844	22.00	24.00	2.00
				031845	24.00	26.00	2.00
				031846	26.00	28.00	2.00
26.40	31.00	ARG	Black, fissile argillite with finely disseminated sulphides.	031847	28.00	30.00	2.00
				031848	30.00	32.00	2.00
31.00	47.00	QFP	White to pink, quartz feldspar porphyry with disseminated pyrite. Quartz eyes are rare.	031849	32.00	34.00	2.00
				031850	34.00	36.00	2.00
				031851	36.00	38.00	2.00
				031852	38.00	40.00	2.00
				031853	40.00	42.00	2.00
				031854	42.00	44.00	2.00
				031855	44.00	46.00	2.00
				031856	46.00	48.00	2.00
47.00	50.00	ARG	Black, fissile argillite with finely disseminated sulphides.	031857	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-550
Grid System : ORIGINAL
Collar Eastings : 18615.700
Collar Northings : 20212.200
Collar Elevations : 764.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	22.00	ARG	Soft to siliceous fissile graphitic argillite with finely disseminated sulphides.	031858	4.00	6.00	2.00
				031859	6.00	8.00	2.00
				031860	8.00	10.00	2.00
				031861	10.00	12.00	2.00
				031862	12.00	14.00	2.00
				031863	14.00	16.00	2.00
				031864	16.00	18.00	2.00
				031865	18.00	20.00	2.00
18.65	19.35	QFP	White quartz feldspar porphyry.	031866	20.00	22.00	2.00
22.00	28.50	SEDS	Dark grey to black siliceous greywacke.	031867	22.00	24.00	2.00
				031868	24.00	26.00	2.00
25.40	26.60	QFP	White quartz feldspar porphyry.	031869	26.00	28.00	2.00
				031870	28.00	30.00	2.00
28.50	33.00	INT	Weakly limonitic intrusive with trace unoxidized pyrite and biotites altered to clay.	031871	30.00	32.00	2.00
				031872	32.00	34.00	2.00
33.00	35.00	ARG	Black, siliceous, graphitic argillite with finely disseminated arsenopyrite and/or pyrite.	031873	34.00	36.00	2.00
35.00	39.00	QFP	Grey porphyry with biotites altered to clay and disseminated arsenopyrite and/or pyrite.	031874	36.00	38.00	2.00
				031875	38.00	40.00	2.00
39.00	50.00	ARG	Black, siliceous, graphitic argillite with finely disseminated arsenopyrite and/or pyrite.				
40.00	42.00		10% grey, soft, extremely sulphide-rich siltstone or ashstone?	031876	40.00	42.00	2.00
				031877	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-550

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031878	44.00	46.00	2.00
				031879	46.00	48.00	2.00
				031880	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-551
Grid System : ORIGINAL
Collar Eastings : 18616.800
Collar Northings : 20231.700
Collar Elevations : 767.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	7.00	ARG	Black, fissile, graphitic argillite with minor very finely disseminated sulphides.	031881	2.00	4.00	2.00
				031882	4.00	6.00	2.00
				031883	6.00	8.00	2.00
7.00	13.00	INT	Pervasively limonitic, siliceous intrusive with primary textures unrecognizable.	031884	8.00	10.00	2.00
				031885	10.00	12.00	2.00
				031886	12.00	14.00	2.00
13.00	15.00	ARG	Black, siliceous, graphitic argillite with 10% greywacke.	031887	14.00	16.00	2.00
15.00	25.00	INT	Pervasively limonitic, siliceous intrusive with primary textures unrecognizable, trace unoxidized pyrite.	031888	16.00	18.00	2.00
				031889	18.00	20.00	2.00
				031890	20.00	22.00	2.00
				031891	22.00	24.00	2.00
				031892	24.00	26.00	2.00
25.00	31.00	ARG	Black, silicified, graphitic argillite with minor disseminated sulphides.	031893	26.00	28.00	2.00
				031894	28.00	30.00	2.00
				031895	30.00	32.00	2.00
31.00	35.00	QFP	Grey porphyry with biotites altered to white clay, and abundant disseminated arsenopyrite. Some feldspars altered apple green.	031896	32.00	34.00	2.00
				031897	34.00	36.00	2.00
35.00	61.00	ARG	Black, silicified, graphitic argillite with disseminated sulphides.	031898	36.00	38.00	2.00
				031899	38.00	40.00	2.00
				031900	40.00	42.00	2.00
				031901	42.00	44.00	2.00
42.80	43.20	QFP	Grey to pink, pyritic porphyry.	031902	44.00	46.00	2.00
				031903	46.00	48.00	2.00
				031904	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-551

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				031905	50.00	52.00	2.00
				031906	52.00	54.00	2.00
				031907	54.00	56.00	2.00
				031908	56.00	58.00	2.00
56.30	57.70	QFP	White porphyry with trace disseminated sulphides.	031909	58.00	60.00	2.00
				031910	60.00	62.00	2.00
61.00	70.00	QFP	White, sulphide poor porphyry with occasional quartz eyes. 20-30% black, siliceous, graphitic argillite throughout.	031911	62.00	64.00	2.00
				031912	64.00	66.00	2.00
				031913	66.00	68.00	2.00
				031914	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-552
Grid System : ORIGINAL
Collar Eastings : 18615.300
Collar Northings : 20258.800
Collar Elevations : 773.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Pervasively oxidized siliceous intrusive rock.	031915	2.00	4.00	2.00
4.00	16.00	ARG	Black, cherty argillite.	031916	4.00	6.00	2.00
				031917	6.00	8.00	2.00
				031918	8.00	10.00	2.00
				031919	10.00	12.00	2.00
				031920	12.00	14.00	2.00
				031921	14.00	16.00	2.00
16.00	19.00	QFP	Partially oxidized quartz feldspar porphyry with disseminated sulphides.	031922	16.00	18.00	2.00
				031923	18.00	20.00	2.00
19.00	22.00	ARG	Black, cherty argillite.	031924	20.00	22.00	2.00
22.00	25.00	QFP	Pink to white, fine-grained quartz feldspar porphyry.	031925	22.00	24.00	2.00
				031926	24.00	26.00	2.00
25.00	34.50	SEDS	Grey chert and black cherty argillite. Minor disseminated sulphides locally.	031927	26.00	28.00	2.00
				031928	28.00	30.00	2.00
				031929	30.00	32.00	2.00
				031930	32.00	34.00	2.00
				031931	34.00	36.00	2.00
34.50	50.00	QFP	White to grey, fine-grained quartz feldspar porphyry. White, clay altered biotite minor disseminated sulphides.	031932	36.00	38.00	2.00
37.60	38.70	ARG	Cherty, black argillite.	031933	38.00	40.00	2.00
				031934	40.00	42.00	2.00
				031935	42.00	44.00	2.00
				031936	44.00	46.00	2.00
				031937	46.00	48.00	2.00
				031938	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-552

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
50.00	52.00	ARG	Stockworked, quartz flooded black, cherty argillite.	031939	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-553
Grid System : ORIGINAL
Collar Eastings : 21120.300
Collar Northings : 19871.800
Collar Elevations : 1033.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	INT	Pervasively limonitic, siliceous intrusive with primary textures destroyed.	031940	2.00	4.00	2.00
				031941	4.00	6.00	2.00
				031942	6.00	8.00	2.00
8.00	12.00	F*INT	Limonitic intrusive with rare quartz eyes and abundant black biotites. Very clay-rich interval.	031943	8.00	10.00	2.00
				031944	10.00	12.00	2.00
12.00	15.00	INT	Pervasively limonitic, siliceous intrusive with primary textures destroyed.	031945	12.00	14.00	2.00
				031946	14.00	16.00	2.00
15.00	32.00	F*INT	Limonitic, siliceous, black biotite-rich intrusive.	031947	16.00	18.00	2.00
16.70	17.30	ARG	Black, silicified, brecciated argillite.	031948	18.00	20.00	2.00
				031949	20.00	22.00	2.00
				031950	22.00	24.00	2.00
				031951	24.00	26.00	2.00
				031952	26.00	28.00	2.00
				031953	28.00	30.00	2.00
				031954	30.00	32.00	2.00
32.00	47.00	INT	Pervasively limonitic, siliceous intrusive with primary textures destroyed.	031955	32.00	34.00	2.00
				031956	34.00	36.00	2.00
				031957	36.00	38.00	2.00
				031958	38.00	40.00	2.00
40.00	47.00		30-50% white quartz feldspar porphyry with trace pyrite.	031959	40.00	42.00	2.00
				031960	42.00	44.00	2.00
				031961	44.00	46.00	2.00
				031962	46.00	48.00	2.00
47.00	52.00	ARG	Black, siliceous, graphitic argillite with very finely disseminated sulphides.	031963	48.00	50.00	2.00
				031964	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-554
Grid System : ORIGINAL
Collar Eastings : 21227.800
Collar Northings : 19993.500
Collar Elevations : 1045.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 36.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	15.00	INT	Pervasively limonitic intrusive with abundant quartz eyes.	031965	2.00	4.00	2.00
				031966	4.00	6.00	2.00
				031967	6.00	8.00	2.00
				031968	8.00	10.00	2.00
				031969	10.00	12.00	2.00
				031970	12.00	14.00	2.00
				031971	14.00	16.00	2.00
15.00	24.00	ARG	Black, limonitic, siliceous argillite.				
15.00	18.00		15% brecciated argillite, clay-rich interval.	031972	16.00	18.00	2.00
				031973	18.00	20.00	2.00
				031974	20.00	22.00	2.00
22.00	24.00		Grey quartz stockwork which is often brecciated.	031975	22.00	24.00	2.00
24.00	28.00	INT	Limonitic, intensely stockworked intrusive	031976	24.00	26.00	2.00
				031977	26.00	28.00	2.00
28.00	36.00	SEDS	Grey to tan coloured quartzite, with abundant stockwork that is sometimes brecciated.	031978	28.00	30.00	2.00
				031979	30.00	32.00	2.00
32.00	36.00		10% tan coloured black biotite-rich fresh intrusive.	031980	32.00	34.00	2.00
				031981	34.00	36.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-555
Grid System : ORIGINAL
Collar Eastings : 21365.900
Collar Northings : 19811.600
Collar Elevations : 1033.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	13.00	F*INT	Black biotite-rich, greyish green intrusive.	031982	2.00	4.00	2.00
				031983	4.00	6.00	2.00
				031984	6.00	8.00	2.00
				031985	8.00	10.00	2.00
				031986	10.00	12.00	2.00
				031987	12.00	14.00	2.00
13.00	30.00	INT	Pervasively limonitic, porphyritic intrusive.	031988	14.00	16.00	2.00
				031989	16.00	18.00	2.00
				031990	18.00	20.00	2.00
20.00	22.00		50% white quartz feldspar porphyry with disseminated arsenopyrite.	031991	20.00	22.00	2.00
				031992	22.00	24.00	2.00
24.00	28.00		50% white quartz feldspar porphyry with disseminated arsenopyrite.	031993	24.00	26.00	2.00
				031994	26.00	28.00	2.00
28.00	30.00		60% dark grey quartz feldspar porphyry with disseminated arsenopyrite.	031995	28.00	30.00	2.00
30.00	34.00	F*INT	Partially oxidized intrusive with black biotites and trace sulphides.	031996	30.00	32.00	2.00
				031997	32.00	34.00	2.00
34.00	52.00	INT	Grey porphyry with biotites altered to clay and disseminated sulphides. Occasional feldspars altered green.	031998	34.00	36.00	2.00
				031999	36.00	38.00	2.00
36.40	37.60	ARG	Black, siliceous graphitic argillite with minor sulphide replacement along fracture surfaces.	032000	38.00	40.00	2.00
				032001	40.00	42.00	2.00
				032002	42.00	44.00	2.00
				032003	44.00	46.00	2.00
				032004	46.00	48.00	2.00
				032005	48.00	50.00	2.00
				032006	50.00	52.00	2.00
52.00	58.00	F*INT	Black biotite-rich, greyish green fresh intrusive.	032007	52.00	54.00	2.00
				032008	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-555

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				032009	56.00	58.00	2.00
58.00	64.00	QFP	White to grey porphyry with biotites altered to white clay and disseminated sulphides.	032010	58.00	60.00	2.00
				032011	60.00	62.00	2.00
				032012	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-55
Grid System : ORIGINAL
Collar Eastings : 21365.300
Collar Northings : 19833.200
Collar Elevations : 1033.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	8.00	F*INT	Black, biotite-rich greenish grey intrusive.	032013	2.00	4.00	2.00
				032014	4.00	6.00	2.00
				032015	6.00	8.00	2.00
8.00	44.00	INT	Limonitic, siliceous intrusive with occasional quartz eyes.	032016	8.00	10.00	2.00
				032017	10.00	12.00	2.00
				032018	12.00	14.00	2.00
				032019	14.00	16.00	2.00
16.00	18.00		10% fresh intrusive.	032020	16.00	18.00	2.00
				032021	18.00	20.00	2.00
18.30	19.70	F*INT	Grey to orange fresh intrusive.	032022	20.00	22.00	2.00
				032023	22.00	24.00	2.00
24.00	26.00		10% fresh intrusive.	032024	24.00	26.00	2.00
				032025	26.00	28.00	2.00
28.00	30.00		10% fresh intrusive.	032026	28.00	30.00	2.00
				032027	30.00	32.00	2.00
				032028	32.00	34.00	2.00
				032029	34.00	36.00	2.00
				032030	36.00	38.00	2.00
				032031	38.00	40.00	2.00
				032032	40.00	42.00	2.00
				032033	42.00	44.00	2.00
44.00	58.00	F*INT	Greyish green to limonitic black biotite-rich intrusive. Rare sulphides.	032034	44.00	46.00	2.00
				032035	46.00	48.00	2.00
				032036	48.00	50.00	2.00
				032037	50.00	52.00	2.00
				032038	52.00	54.00	2.00
				032039	54.00	56.00	2.00
				032040	56.00	58.00	2.00
58.00	63.00	QFP	Grey porphyry with biotites altered to white clay and trace disseminated pyrite.	032041	58.00	60.00	2.00
				032042	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-556

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
				032043	62.00	64.00	2.00
63.00	70.00	ARG	Black, siliceous, graphitic argillite with disseminated sulphides.	032044	64.00	66.00	2.00
				032045	66.00	68.00	2.00
				032046	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-557
Grid System : ORIGINAL
Collar Eastings : 21360.600
Collar Northings : 19860.600
Collar Elevations : 1000.500
Collar Bearing : 999.00
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	41.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes decreasing downhole.	032047	2.00	4.00	2.00
				032048	4.00	6.00	2.00
				032049	6.00	8.00	2.00
				032050	8.00	10.00	2.00
				032051	10.00	12.00	2.00
				032052	12.00	14.00	2.00
14.00	16.00		Euhedral quartz crystals.	032053	14.00	16.00	2.00
				032054	16.00	18.00	2.00
				032055	18.00	20.00	2.00
				032056	20.00	22.00	2.00
				032057	22.00	24.00	2.00
				032058	24.00	26.00	2.00
26.00	28.00		Euhedral quartz crystals.	032059	26.00	28.00	2.00
				032060	28.00	30.00	2.00
				032061	30.00	32.00	2.00
				032062	32.00	34.00	2.00
34.00	36.00		Euhedral quartz crystals.	032063	34.00	36.00	2.00
				032064	36.00	38.00	2.00
				032065	38.00	40.00	2.00
				032066	40.00	42.00	2.00
41.00	52.00	ARG	Black, siliceous, cherty, graphitic argillite with minor disseminated sulphides.	032067	42.00	44.00	2.00
				032068	44.00	46.00	2.00
				032069	46.00	48.00	2.00
				032070	48.00	50.00	2.00
				032071	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-558
Grid System : ORIGINAL
Collar Eastings : 21362.600
Collar Northings : 19862.600
Collar Elevations : 1003.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	6.00	F*INT	Partially oxidized, biotite quartz feldspar porphyry. Abundant quartz eyes.	032072	2.00	4.00	2.00
				032073	4.00	6.00	2.00
6.00	36.00	INT	Pervasively oxidized siliceous intrusive rock. Fine-grained feldspar phenocrysts and biotite altered to clay.	032074	6.00	8.00	2.00
				032075	8.00	10.00	2.00
				032076	10.00	12.00	2.00
				032077	12.00	14.00	2.00
				032078	14.00	16.00	2.00
				032079	16.00	18.00	2.00
				032080	18.00	20.00	2.00
				032081	20.00	22.00	2.00
				032082	22.00	24.00	2.00
				032083	24.00	26.00	2.00
				032084	26.00	28.00	2.00
				032085	28.00	30.00	2.00
				032086	30.00	32.00	2.00
				032087	32.00	34.00	2.00
				032088	34.00	36.00	2.00
36.00	38.00	ARG	Black, cherty argillite. Minor limonite on fracture surfaces.	032089	36.00	38.00	2.00
38.00	46.00	SDST	Dark grey to black, fine-grained sandstone and minor black siliceous argillite.	032090	38.00	40.00	2.00
40.00	46.00		Lineation on fracture surfaces. Abundant limonite hairline fractures.	032091	40.00	42.00	2.00
				032092	42.00	44.00	2.00
				032093	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-559
Grid System : ORIGINAL
Collar Eastings : 21124.000
Collar Northings : 19800.200
Collar Elevations : 994.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	13.00	INT	Pervasively oxidized, limonitic, feldspar porphyritic, siliceous intrusive rock.	032094	2.00	4.00	2.00
				032095	4.00	6.00	2.00
				032096	6.00	8.00	2.00
				032097	8.00	10.00	2.00
				032098	10.00	12.00	2.00
				032099	12.00	14.00	2.00
13.00	21.00	QFP	Light to medium-grey coloured fine-grained quartz feldspar porphyry with abundant clay altered biotite. Finely disseminated to cubic pyrite throughout.	032100	14.00	16.00	2.00
				032101	16.00	18.00	2.00
				032102	18.00	20.00	2.00
				032103	20.00	22.00	2.00
21.00	37.70	P*INT	Medium to dark-grey coloured, biotite feldspar porphyritic, siliceous intrusive rock. Abundant quartz eyes.				
22.00	24.00		60% light to medium-grey coloured, fine-grained quartz feldspar porphyry with abundant clay altered biotite. Finely disseminated to cubic pyrite throughout.	032104	22.00	24.00	2.00
				032105	24.00	26.00	2.00
				032106	26.00	28.00	2.00
28.00	30.00		Light to medium-grey coloured, fine-grained quartz feldspar porphyry with abundant clay altered biotite. Finely disseminated to cubic pyrite throughout.	032107	28.00	30.00	2.00
				032108	30.00	32.00	2.00
				032109	32.00	34.00	2.00
				032110	34.00	36.00	2.00
				032111	36.00	38.00	2.00
37.70	46.00	ARG	Black, graphitic, cherty argillite.	032112	38.00	40.00	2.00
				032113	40.00	42.00	2.00
				032114	42.00	44.00	2.00
44.00	46.00		Minor stockwork and very finely disseminated sulphides.	032115	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-560
Grid System : ORIGINAL
Collar Eastings : 21122.400
Collar Northings : 19771.100
Collar Elevations : 982.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	ARG	Black, fissile, graphitic argillite.	032116	2.00	4.00	2.00
			Limonitic fracture surfaces.	032117	4.00	6.00	2.00
				032118	6.00	8.00	2.00
				032119	8.00	10.00	2.00
				032120	10.00	12.00	2.00
12.00	28.00	INT	Pervasively oxidized, limonitic, feldspar	032121	12.00	14.00	2.00
			porphyritic, siliceous intrusive rock.	032122	14.00	16.00	2.00
			Minor quartz eyes.	032123	16.00	18.00	2.00
				032124	18.00	20.00	2.00
20.00	22.00		Less than 5% stockworked argillite.	032125	20.00	22.00	2.00
				032126	22.00	24.00	2.00
				032127	24.00	26.00	2.00
				032128	26.00	28.00	2.00
28.00	40.00	FINT	Dark grey to weakly oxidized biotite felc-	032129	28.00	30.00	2.00
			spar porphyritic siliceous intrusive rock.	032130	30.00	32.00	2.00
			Minor quartz eyes.	032131	32.00	34.00	2.00
				032132	34.00	36.00	2.00
				032133	36.00	38.00	2.00
38.00	40.00		30% quartz feldspar porphyry.	032134	38.00	40.00	2.00
40.00	46.00	QFP	Light to dark grey, siliceous, fine-	032135	40.00	42.00	2.00
			grained quartz feldspar porphyry with clay	032136	42.00	44.00	2.00
			altered biotite and finely disseminated,				
			sometimes cubic, pyrite.				
44.00	46.00		Less than 5% black graphitic argillite.	032137	44.00	46.00	2.00
46.00	52.00	ARG	Black, graphitic, cherty argillite with	032138	46.00	48.00	2.00
			very finely disseminated sulphides.	032139	48.00	50.00	2.00
				032140	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-561
Grid System : ORIGINAL
Collar Eastings : 21548.000
Collar Northings : 19612.000
Collar Elevations : 951.000
Collar Bearing : 359.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	16.00	SEDS	Soft, grey phyllite and minor black, fissile argillite.	032141	2.00	4.00	2.00
				032142	4.00	6.00	2.00
				032143	6.00	8.00	2.00
7.40	8.60	INT	Limonitic intrusive.	032144	8.00	10.00	2.00
				032145	10.00	12.00	2.00
12.00	16.00		Argillite becomes predominant lithology.	032146	12.00	14.00	2.00
				032147	14.00	16.00	2.00
16.00	37.70	QFP	White to light grey, quartz feldspar porphyry with finely disseminated sulphides throughout.	032148	16.00	18.00	2.00
				032149	18.00	20.00	2.00
				032150	20.00	22.00	2.00
22.00	24.00		30% biotite feldspar porphyritic, unaltered intrusive rock.	032151	22.00	24.00	2.00
				032152	24.00	26.00	2.00
				032153	26.00	28.00	2.00
				032154	28.00	30.00	2.00
				032155	30.00	32.00	2.00
				032156	32.00	34.00	2.00
				032157	34.00	36.00	2.00
				032158	36.00	38.00	2.00
37.70	50.00	ARG	Black, fissile, graphitic argillite.	032159	38.00	40.00	2.00
				032160	40.00	42.00	2.00
				032161	42.00	44.00	2.00
				032162	44.00	46.00	2.00
46.00	48.00		Quartz flooded grey argillite with massive pyrite.	032163	46.00	48.00	2.00
				032164	48.00	50.00	2.00
50.00	64.00	QFP	White to light grey quartz feldspar porphyry with very finely disseminated pyrite (less than 5%)	032165	50.00	52.00	2.00
				032166	52.00	54.00	2.00
				032167	54.00	56.00	2.00
				032168	56.00	58.00	2.00
				032169	58.00	60.00	2.00
				032170	60.00	62.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-56

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
63.80	64.00	ARG	Black, fissile argillite.	032171	62.00	64.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-562
Grid System : ORIGINAL
Collar Eastings : 21548.000
Collar Northings : 19632.400
Collar Elevations : 951.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	10.00	INT	Pervasively oxidized, limonitic, fine-grained, feldspar porphyritic, siliceous intrusive rock. Interval contains from 5-30% grey coloured quartz feldspar porphyry.	032172	2.00	4.00	2.00
				032173	4.00	6.00	2.00
				032174	6.00	8.00	2.00
				032175	8.00	10.00	2.00
10.00	32.00	QFP	Light to dark grey, highly siliceous quartz feldspar porphyry. Feldspars are fine-grained sometimes green coloured, and quartz eyes are coarse-grained. Finely disseminated sulphides throughout.	032176	10.00	12.00	2.00
				032177	12.00	14.00	2.00
				032178	14.00	16.00	2.00
				032179	16.00	18.00	2.00
				032180	18.00	20.00	2.00
				032181	20.00	22.00	2.00
				032182	22.00	24.00	2.00
				032183	24.00	26.00	2.00
				032184	26.00	28.00	2.00
				032185	28.00	30.00	2.00
30.00	32.00		Less than 5% argillite.	032186	30.00	32.00	2.00
32.00	46.00	ARG	Black, siliceous, graphitic argillite with finely disseminated to massive pyrite.	032187	32.00	34.00	2.00
				032188	34.00	36.00	2.00
36.00	38.00		60% greenish-grey quartz feldspar porphyry	032189	36.00	38.00	2.00
				032190	38.00	40.00	2.00
				032191	40.00	42.00	2.00
				032192	42.00	44.00	2.00
				032193	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-563
Grid System : ORIGINAL
Collar Eastings : 21418.700
Collar Northings : 19827.600
Collar Elevations : 983.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	24.40	INT	Pervasively limonitic, siliceous, stock-worked intrusive with rare quartz eyes.	032194	2.00	4.00	2.00
				032195	4.00	6.00	2.00
				032196	6.00	8.00	2.00
				032197	8.00	10.00	2.00
				032198	10.00	12.00	2.00
				032199	12.00	14.00	2.00
				032200	14.00	16.00	2.00
16.00	24.40		10% unoxidized intrusive with disseminated sulphides.	032201	16.00	18.00	2.00
				032202	18.00	20.00	2.00
				032203	20.00	22.00	2.00
				032204	22.00	24.00	2.00
				032205	24.00	26.00	2.00
24.40	34.00	ARG	Black, siliceous, graphitic argillite with minor very finely disseminated sulphides.				
24.40	28.00		20% brecciated, silicified argillite.	032206	26.00	28.00	2.00
				032207	28.00	30.00	2.00
				032208	30.00	32.00	2.00
				032209	32.00	34.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-564
Grid System : ORIGINAL
Collar Eastings : 21419.000
Collar Northings : 19825.100
Collar Elevations : 988.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	32.00	INT	Pervasively oxidized, siliceous, stock-worked intrusive.	032210	2.00	4.00	2.00
				032211	4.00	6.00	2.00
				032212	6.00	8.00	2.00
8.00	27.00		20-70% unoxidized quartz feldspar porphyry with abundant disseminated arsenopyrite and pyrite.	032213	8.00	10.00	2.00
				032214	10.00	12.00	2.00
				032215	12.00	14.00	2.00
				032216	14.00	16.00	2.00
				032217	16.00	18.00	2.00
				032218	18.00	20.00	2.00
				032219	20.00	22.00	2.00
				032220	22.00	24.00	2.00
				032221	24.00	26.00	2.00
				032222	26.00	28.00	2.00
27.00	32.00	STWK	White and grey quartz stockwork, any intrusive is quartz flooded.	032223	28.00	30.00	2.00
				032224	30.00	32.00	2.00
32.00	40.00	ARG	Black, siliceous, graphitic argillite with disseminated sulphides and sulphides along hairline fractures.				
32.00	34.00		20% brecciated argillite.	032225	32.00	34.00	2.00
				032226	34.00	36.00	2.00
				032227	36.00	38.00	2.00
				032228	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-565
Grid System : ORIGINAL
Collar Eastings : 21415.000
Collar Northings : 19852.000
Collar Elevations : 967.100
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	10.00	INT	Pervasively limonitic, stockworked intrusive with occasional quartz eyes.	032229	4.00	6.00	2.00
				032230	6.00	8.00	2.00
				032231	8.00	10.00	2.00
10.00	40.00	ARG	Black, siliceous, graphitic argillite.				
10.00	14.00		50% of argillite is brecciated with a	032232	10.00	12.00	2.00
			silicified, limonitic, gougey matrix, or	032233	12.00	14.00	2.00
			has a mylonitic texture.	032234	14.00	16.00	2.00
			NOTE: 12-14 m has 15% limonitic siliceous	032235	16.00	18.00	2.00
			intrusive.	032236	18.00	20.00	2.00
				032237	20.00	22.00	2.00
				032238	22.00	24.00	2.00
				032239	24.00	26.00	2.00
				032240	26.00	28.00	2.00
				032241	28.00	30.00	2.00
				032242	30.00	32.00	2.00
				032243	32.00	34.00	2.00
				032244	34.00	36.00	2.00
				032245	36.00	38.00	2.00
				032246	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-566
Grid System : ORIGINAL
Collar Eastings : 21422.400
Collar Northings : 19799.500
Collar Elevations : 986.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.00	INT	Limonitic, siliceous intrusive with abundant remnant biotites altered to clay.	032247	2.00	4.00	2.00
4.00	12.00	P*INT	Greenish-grey to limonitic, black biotite-rich intrusive.	032248	4.00	6.00	2.00
				032249	6.00	8.00	2.00
				032250	8.00	10.00	2.00
				032251	10.00	12.00	2.00
12.00	49.00	INT	Limonitic, siliceous intrusive with abundant remnant biotites altered to clay.	032252	12.00	14.00	2.00
				032253	14.00	16.00	2.00
16.00	49.00		20-50% unoxidized intrusive with disseminated pyrite and arsenopyrite. Occasional feldspar altered apple green.	032254	16.00	18.00	2.00
				032255	18.00	20.00	2.00
				032256	20.00	22.00	2.00
			NOTE: 26-30 m has 10-20% fresh intrusive.	032257	22.00	24.00	2.00
				032258	24.00	26.00	2.00
				032259	26.00	28.00	2.00
				032260	28.00	30.00	2.00
				032261	30.00	32.00	2.00
				032262	32.00	34.00	2.00
				032263	34.00	36.00	2.00
				032264	36.00	38.00	2.00
				032265	38.00	40.00	2.00
				032266	40.00	42.00	2.00
				032267	42.00	44.00	2.00
				032268	44.00	46.00	2.00
				032269	46.00	48.00	2.00
				032270	48.00	50.00	2.00
49.00	58.00	ARG	Black, siliceous, graphitic argillite with disseminated sulphides.				
49.00	52.00		10% silicified, brecciated argillite.	032271	50.00	52.00	2.00
				032272	52.00	54.00	2.00
				032273	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-566

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				032274	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-567
Grid System : ORIGINAL
Collar Eastings : 21647.900
Collar Northings : 19548.900
Collar Elevations : 945.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	Casing	Casing				
2.00	10.00		No sample				
10.00	20.00	SEDS	Grey to black, soft, fissile shale.	032275	10.00	12.00	2.00
				032276	12.00	14.00	2.00
				032277	14.00	16.00	2.00
				032278	16.00	18.00	2.00
				032279	18.00	20.00	2.00
20.00	24.00	INT	Weakly limonitic intrusive with disseminated pyrite and biotites altered white. 10% black, fissile, graphitic argillite.	032280	20.00	22.00	2.00
				032281	22.00	24.00	2.00
24.00	76.00	QFP	White to grey porphyry with disseminated arsenopyrite and pyrite. Occasional quartz eyes. Feldspars occasionally altered apple green.	032282	24.00	26.00	2.00
				032283	26.00	28.00	2.00
				032284	28.00	30.00	2.00
				032285	30.00	32.00	2.00
32.00	34.00		10% grey, pyritic shale.	032286	32.00	34.00	2.00
34.00	36.00		30% white, black biotite-rich fresh intrusive.	032287	34.00	36.00	2.00
				032288	36.00	38.00	2.00
36.50	37.50	ARG	Black, siliceous graphitic argillite. NOTE: 36-38 m interval is 40% white, black biotite-rich fresh intrusive.	032289	38.00	40.00	2.00
				032290	40.00	42.00	2.00
				032291	42.00	44.00	2.00
				032292	44.00	46.00	2.00
				032293	46.00	48.00	2.00
				032294	48.00	50.00	2.00
				032295	50.00	52.00	2.00
52.00	54.00		5% black, siliceous argillite.	032296	52.00	54.00	2.00
				032297	54.00	56.00	2.00
				032298	56.00	58.00	2.00
				032299	58.00	60.00	2.00
				032300	60.00	62.00	2.00
				032301	62.00	64.00	2.00
				032302	64.00	66.00	2.00
				032303	66.00	68.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-567

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				032304	68.00	70.00	2.00
				032305	70.00	72.00	2.00
				032306	72.00	74.00	2.00
74.00	76.00		5% black, siliceous, graphitic argillite with disseminated sulphides.	032307	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-568
Grid System : ORIGINAL
Collar Eastings : 21889.200
Collar Northings : 19457.700
Collar Elevations : 923.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	12.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.				
2.00	4.00		10% fresh intrusive.	032308	2.00	4.00	2.00
				032309	4.00	6.00	2.00
5.20	6.80	ARG	Black, brecciated, stockworked argillite.	032310	6.00	8.00	2.00
				032311	8.00	10.00	2.00
				032312	10.00	12.00	2.00
12.00	18.00	F*INT	Limonitic, black biotite-rich fresh intrusive.	032313	12.00	14.00	2.00
				032314	14.00	16.00	2.00
				032315	16.00	18.00	2.00
16.50	17.50	ARG	Black, brecciated, stockworked argillite.				
18.00	21.00	INT	Pervasively limonitic intrusive with some unoxidized sulphides.	032316	18.00	20.00	2.00
				032317	20.00	22.00	2.00
21.00	29.00	ARG	Fissile to siliceous, graphitic, black, stockworked argillite with minor disseminated sulphides.	032318	22.00	24.00	2.00
				032319	24.00	26.00	2.00
				032320	26.00	28.00	2.00
				032321	28.00	30.00	2.00
29.00	32.00	INT	Weakly oxidized intrusive with biotites altered to white clay.	032322	30.00	32.00	2.00
32.00	34.00	F*INT	Weakly limonitic black biotite rich intrusive.	032323	32.00	34.00	2.00
34.00	37.00	INT	Weakly oxidized intrusive with biotites altered to white clay.	032324	34.00	36.00	2.00
				032325	36.00	38.00	2.00
37.00	50.00	F*INT	Weakly limonitic black biotite-rich intrusive with partial pyrite replacement.	032326	38.00	40.00	2.00
				032327	40.00	42.00	2.00
				032328	42.00	44.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-568

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
				032329	44.00	46.00	2.00
				032330	46.00	48.00	2.00
				032331	48.00	50.00	2.00
50.00	67.50	QFP	White to grey porphyry with disseminated arsenopyrite and pyrite. Biotites altered to white clay.	032332	50.00	52.00	2.00
				032333	52.00	54.00	2.00
				032334	54.00	56.00	2.00
				032335	56.00	58.00	2.00
				032336	58.00	60.00	2.00
				032337	60.00	62.00	2.00
				032338	62.00	64.00	2.00
				032339	64.00	66.00	2.00
				032340	66.00	68.00	2.00
67.50	76.00	ARG	Black, siliceous, graphitic argillite with abundant finely disseminated sulphides.	032341	68.00	70.00	2.00
				032342	70.00	72.00	2.00
				032343	72.00	74.00	2.00
				032344	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-569
Grid System : ORIGINAL
Collar Eastings : 21811.900
Collar Northings : 19479.200
Collar Elevations : 935.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -70.00
Grid Bearing : 154.00
Final Depth : 94.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	28.00	INT	Limonitic, porphyritic intrusive with biotite altered to white clay. Unoxidized intrusive is sulphide rich.				
2.00	4.00		5% black siliceous argillite.	032345	2.00	4.00	2.00
				032346	4.00	6.00	2.00
6.00	8.00		5% black siliceous argillite.	032347	6.00	8.00	2.00
				032348	8.00	10.00	2.00
				032349	10.00	12.00	2.00
				032350	12.00	14.00	2.00
14.00	16.00		20% limonitic intrusive with black biotites.	032351	14.00	16.00	2.00
				032352	16.00	18.00	2.00
17.00	18.20	ARG	Black, siliceous graphitic argillite with disseminated sulphides.	032353	18.00	20.00	2.00
20.00	28.00		Occasional quartz eyes.	032354	20.00	22.00	2.00
				032355	22.00	24.00	2.00
				032356	24.00	26.00	2.00
				032357	26.00	28.00	2.00
28.00	34.00	QFP	Grey porphyry with coarsely disseminated sulphides and biotites altered white. Occasional feldspar with bright apple green alteration.	032358	28.00	30.00	2.00
				032359	30.00	32.00	2.00
				032360	32.00	34.00	2.00
34.00	36.00	F*INT	Greenish-grey intrusive with abundant, fresh black biotites.	032361	34.00	36.00	2.00
36.00	44.00	QFP	Grey porphyry with coarsely disseminated sulphides and biotites altered white. Occasional feldspar with bright apple green alteration.	032362	36.00	38.00	2.00
				032363	38.00	40.00	2.00
				032364	40.00	42.00	2.00
				032365	42.00	44.00	2.00
44.00	47.00	F*INT	Greenish-grey intrusive with abundant, fresh black biotites.	032366	44.00	46.00	2.00
				032367	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-569

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
47.00	52.00	QFP	Grey porphyry with coarsely disseminated sulphides and biotites altered white. Occasional feldspar with bright apple green alteration.	032368	48.00	50.00	2.00
				032369	50.00	52.00	2.00
50.90	51.10	ARG	Black, silceous, graphitic, stockworked argillite.				
52.00	58.00	F*INT	Greenish-grey intrusive with abundant, fresh black biotites.	032370	52.00	54.00	2.00
				032371	54.00	56.00	2.00
				032372	56.00	58.00	2.00
58.00	62.00	QFP	Grey porphyry with coarsely disseminated sulphides and biotites altered white. Occasional feldspar with birght apple green alteration.	032373	58.00	60.00	2.00
				032374	60.00	62.00	2.00
62.00	85.00	F*INT	Greenish-grey intrusive with abundant, fresh black biotites.	032375	62.00	64.00	2.00
				032376	64.00	66.00	2.00
				032377	66.00	68.00	2.00
				032378	68.00	70.00	2.00
				032379	70.00	72.00	2.00
				032380	72.00	74.00	2.00
				032381	74.00	76.00	2.00
				032382	76.00	78.00	2.00
				032383	78.00	80.00	2.00
				032384	80.00	82.00	2.00
				032385	82.00	84.00	2.00
				032386	84.00	86.00	2.00
85.00	94.00	QFP	Grey porphyry with coarsely disseminated sulphides and biotites altered white. Occasional feldspar with bright apple green alteration.	032387	86.00	88.00	2.00
				032388	88.00	90.00	2.00
88.50	89.50	ARG	Black, siliceous, graphitic argillite with coarsely disseminated pyrite and hairline pyrite stringers.	032389	90.00	92.00	2.00
				032390	92.00	94.00	2.00
92.50	93.50	ARG	Black, siliceous, graphitic argillite with coarsely disseminated pyrite and hairline pyrite stringers.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-570
Grid System : ORIGINAL
Collar Eastings : 21943.000
Collar Northings : 19437.400
Collar Elevations : 917.400
Collar Bearing : 353.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 72.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	Casing	Casing				
2.00	4.00		No sample				
4.00	33.50	INT	Pervasively limonitic, porphyritic siliceous intrusive with rare quartz eyes.	032391	4.00	6.00	2.00
5.00	6.80	ARG	Black, fissile, argillite.	032392	6.00	8.00	2.00
				032393	8.00	10.00	2.00
				032394	10.00	12.00	2.00
				032395	12.00	14.00	2.00
				032396	14.00	16.00	2.00
				032397	16.00	18.00	2.00
				032398	18.00	20.00	2.00
				032399	20.00	22.00	2.00
22.00	33.50		50-70% unoxidized intrusive with disseminated sulphides.	032400	22.00	24.00	2.00
				032401	24.00	26.00	2.00
				032402	26.00	28.00	2.00
				032403	28.00	30.00	2.00
				032404	30.00	32.00	2.00
				032405	32.00	34.00	2.00
33.50	39.00	ARG	Black, siliceous, graphitic argillite with coarsely disseminated pyrite and possibly arsenopyrite.	032406	34.00	36.00	2.00
				032407	36.00	38.00	2.00
				032408	38.00	40.00	2.00
39.00	61.00	QFP	White to grey porphyry with biotites altered to white clay, and disseminated sulphides.	032409	40.00	42.00	2.00
40.70	41.30	F*INT	Black biotite rich intrusive.	032410	42.00	44.00	2.00
				032411	44.00	46.00	2.00
				032412	46.00	48.00	2.00
				032413	48.00	50.00	2.00
				032414	50.00	52.00	2.00
				032415	52.00	54.00	2.00
52.50	53.50	ARG	Black, siliceous, graphitic argillite with coarsely disseminated pyrite and possibly	032416	54.00	56.00	2.00
				032417	56.00	58.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-570

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			arsenopyrite.	032418	58.00	60.00	2.00
				032419	60.00	62.00	2.00
61.00	72.00	ARG	Black, siliceous, graphitic argillite with	032420	62.00	64.00	2.00
			finely disseminated sulphides.	032421	64.00	66.00	2.00
				032422	66.00	68.00	2.00
67.00	69.00	QFP	White porphyry with coarsely disseminated	032423	68.00	70.00	2.00
			pyrite.	032424	70.00	72.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-571
Grid System : ORIGINAL
Collar Eastings : 22046.500
Collar Northings : 19439.800
Collar Elevations : 887.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	58.00	ARG	Black, fissile, graphitic, stowkworked argillite with minor coarsely disseminated pyrite.				
2.00	2.80	INT	Limonitic, siliceous intrusive.	032425	2.00	4.00	2.00
				032426	4.00	6.00	2.00
				032427	6.00	8.00	2.00
				032428	8.00	10.00	2.00
				032429	10.00	12.00	2.00
				032430	12.00	14.00	2.00
				032431	14.00	16.00	2.00
				032432	16.00	18.00	2.00
				032433	18.00	20.00	2.00
				032434	20.00	22.00	2.00
				032435	22.00	24.00	2.00
				032436	24.00	26.00	2.00
				032437	26.00	28.00	2.00
				032438	28.00	30.00	2.00
				032439	30.00	32.00	2.00
				032440	32.00	34.00	2.00
				032441	34.00	36.00	2.00
				032442	36.00	38.00	2.00
				032443	38.00	40.00	2.00
				032444	40.00	42.00	2.00
				032445	42.00	44.00	2.00
				032446	44.00	46.00	2.00
				032447	46.00	48.00	2.00
				032448	48.00	50.00	2.00
				032449	50.00	52.00	2.00
				032450	52.00	54.00	2.00
				032451	54.00	56.00	2.00
				032452	56.00	58.00	2.00
58.00	62.00	QFP	Grey porphyry with biotites altered to	032453	58.00	60.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-571

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			white clay and coarsely disseminated pyrite.	032454	60.00	62.00	2.00
60.60	61.40	ARG	Black, fissile, graphitic, stowkworked argillite with minor coarsely disseminated pyrite.				
62.00	68.00	F*INT	Black biotite-rich, greenish grey, fresh intrusive. Partial pyrite replacement.	032455	62.00	64.00	2.00
				032456	64.00	66.00	2.00
				032457	66.00	68.00	2.00
68.00	70.00	ARG	Black, fissile, graphitic, stockworked argillite with minor coarsely disseminated pyrite.	032458	68.00	70.00	2.00
70.00	74.00	QFP	Grey porphyry with biotites altered to white clay and coarsely disseminated pyrite.	032459	70.00	72.00	2.00
				032460	72.00	74.00	2.00
74.00	76.00	ARG	Black, fissile, graphitic, stockworked argillite with minor coarsely disseminated pyrite.	032461	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-572
Grid System : ORIGINAL
Collar Eastings : 21996.200
Collar Northings : 19418.500
Collar Elevations : 890.700
Collar Bearing : 359.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	15.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.	032462	2.00	4.00	2.00
				032463	4.00	6.00	2.00
				032464	6.00	8.00	2.00
				032465	8.00	10.00	2.00
				032466	10.00	12.00	2.00
				032467	12.00	14.00	2.00
				032468	14.00	16.00	2.00
15.00	26.00	QFP	Light grey porphyry with biotites altered to white clay, occasional quartz eyes, and disseminated, coarsely crystalline pyrite.	032469	16.00	18.00	2.00
				032470	18.00	20.00	2.00
				032471	20.00	22.00	2.00
				032472	22.00	24.00	2.00
				032473	24.00	26.00	2.00
26.00	30.00	P'INT	Greenish grey, black biotite-rich fresh intrusive.	032474	26.00	28.00	2.00
				032475	28.00	30.00	2.00
30.00	67.00	QFP	Light grey prophyry with biotites altered to white clay, occasinal quartz eyes, and disseminated, coarsely crystalline pyrite.	032476	30.00	32.00	2.00
30.50	31.50	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite and arseno-pyrite.	032477	32.00	34.00	2.00
32.50	33.50	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite and arseno-pyrite.	032478	34.00	36.00	2.00
34.50	35.50	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite and arseno-pyrite.	032479	36.00	38.00	2.00
				032480	38.00	40.00	2.00
				032481	40.00	42.00	2.00
				032482	42.00	44.00	2.00
				032483	44.00	46.00	2.00
				032484	46.00	48.00	2.00
				032485	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-57[illegible]

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
49.00	52.5[illegible]	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite and arseno-pyrite.	032486	50.00	52.00	2.00
				032487	52.00	54.00	2.00
				032488	54.00	56.00	2.00
				032489	56.00	58.00	2.00
				032490	58.00	60.00	2.00
				032491	60.00	62.00	2.00
60.75	61.25	ARG	Black, siliceous, graphitic argillite with abundant disseminated pyrite and arseno-pyrite.	032492	62.00	64.00	2.00
				032493	64.00	66.00	2.00
				032494	66.00	68.00	2.00
67.00	73.00	ARG	Black, siliceous, graphitic argillite with coarse to finely disseminated pyrite and arsenopyrite.	032495	68.00	70.00	2.00
				032496	70.00	72.00	2.00
				032497	72.00	74.00	2.00
73.00	76.00	QFP	Light grey porphyry with coarse dissem-inated pyrit and possibly arsenopyrite.	032498	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-573
Grid System : ORIGINAL
Collar Eastings : 21651.000
Collar Northings : 19578.000
Collar Elevations : 937.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 76.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
2.00	6.00	Casing	Casing				
2.00	6.00		No sample				
6.00	12.00	INT	Limonitic, siliceous intrusive with biotites altered to white clay. Partially unoxidized intrusive contains trace sulphide.	032499	6.00	8.00	2.00
				032500	8.00	10.00	2.00
				032501	10.00	12.00	2.00
12.00	15.00	F*INT	Grey to limonitic, black biotite-rich fresh intrusive.	032502	12.00	14.00	2.00
				032503	14.00	16.00	2.00
15.00	24.00	INT	Limonitic, siliceous intrusive with biotites altered to white clay. Partially unoxidized intrusive contains trace sulphide.	032504	16.00	18.00	2.00
16.60	17.40	ARG	Black, fissile, stockworked argillite.	032505	18.00	20.00	2.00
				032506	20.00	22.00	2.00
20.50	21.50	F*INT	Grey to limonitic, black biotite-rich fresh intrusive.	032507	22.00	24.00	2.00
22.40	24.00	ARG	Black, fissile, graphitic argillite with 25% soft, grey shale.				
24.00	56.00	QFP	Grey porphyry with biotites altered to white clay and fine, sparcely disseminated arsenopyrite and/or pyrite. Each interval has 2-5% argillite.	032508	24.00	26.00	2.00
				032509	26.00	28.00	2.00
26.50	27.50	F*INT	Grey to limonitic, black biotite-rich fresh intrusive.	032510	28.00	30.00	2.00
28.60	29.40	ARG	Black, fissile, graphitic argillite with 25% soft, grey shale.	032511	30.00	32.00	2.00
				032512	32.00	34.00	2.00
				032513	34.00	36.00	2.00
				032514	36.00	38.00	2.00
				032515	38.00	40.00	2.00
				032516	40.00	42.00	2.00
				032517	42.00	44.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-573

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				032518	44.00	46.00	2.00
				032519	46.00	48.00	2.00
				032520	48.00	50.00	2.00
				032521	50.00	52.00	2.00
				032522	52.00	54.00	2.00
				032523	54.00	56.00	2.00
56.00	63.00	F*INT	Greenish-grey fresh intrusive with partial sulphide replacement and alteration of black biotites.	032524	56.00	58.00	2.00
				032525	58.00	60.00	2.00
				032526	60.00	62.00	2.00
				032527	62.00	64.00	2.00
63.00	66.00	ARG	Black, siliceous, graphitic argillite with finely disseminated sulphides and sulphide stringers.	032528	64.00	66.00	2.00
66.00	71.00	F*INT	Black biotite-rich, greenish grey fresh intrusive.	032529	66.00	68.00	2.00
				032530	68.00	70.00	2.00
				032531	70.00	72.00	2.00
71.00	76.00	ARG	Black, siliceous, graphitic argillite with finely disseminated sulphides and occasionally, almost complete replacement by arsenopyrite.	032532	72.00	74.00	2.00
				032533	74.00	76.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-574
Grid System : ORIGINAL
Collar Eastings : 21811.700
Collar Northings : 19803.400
Collar Elevations : 976.500
Collar Bearing : 334.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	30.00	INT	Pervasively limonitic, porphyritic, siliceous intrusive.	032534	2.00	4.00	2.00
				032535	4.00	6.00	2.00
				032536	6.00	8.00	2.00
				032537	8.00	10.00	2.00
				032538	10.00	12.00	2.00
				032539	12.00	14.00	2.00
				032540	14.00	16.00	2.00
				032541	16.00	18.00	2.00
				032542	18.00	20.00	2.00
				032543	20.00	22.00	2.00
				032544	22.00	24.00	2.00
22.50	23.50	F*INT	Limonitic, black biotite-rich intrusive.	032545	24.00	26.00	2.00
24.50	25.50	ARG	Siliceous, black, brecciated, limonitic argillite.	032546	26.00	28.00	2.00
				032547	28.00	30.00	2.00
30.00	48.00	F*INT	Greenish grey to limonitic, black biotite-rich intrusive with occasional quartz eyes Partial alteration of biotites to white clay.	032548	30.00	32.00	2.00
				032549	32.00	34.00	2.00
				032550	34.00	36.00	2.00
				032551	36.00	38.00	2.00
				032552	38.00	40.00	2.00
				032553	40.00	42.00	2.00
				032554	42.00	44.00	2.00
				032555	44.00	46.00	2.00
				032556	46.00	48.00	2.00
48.00	52.00	ARG	Black, siliceous, graphitic, stockworked argillite with abundant finely to coarsely disseminated arsenopyrite and pyrite.	032557	48.00	50.00	2.00
				032558	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-575
Grid System : ORIGINAL
Collar Eastings : 21813.900
Collar Northings : 19789.600
Collar Elevations : 969.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	7.00	INT	Pervasively limonitic, siliceous intrusive	032559	2.00	4.00	2.00
				032560	4.00	6.00	2.00
				032561	6.00	8.00	2.00
7.00	12.00	P*INT	Limonitic, black biotite-rich intrusive.	032562	8.00	10.00	2.00
				032563	10.00	12.00	2.00
12.00	46.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.	032564	12.00	14.00	2.00
				032565	14.00	16.00	2.00
				032566	16.00	18.00	2.00
				032567	18.00	20.00	2.00
				032568	20.00	22.00	2.00
				032569	22.00	24.00	2.00
				032570	24.00	26.00	2.00
				032571	26.00	28.00	2.00
26.00	27.41	P*INT	Limonitic, black biotite-rich intrusive.	032572	28.00	30.00	2.00
				032573	30.00	32.00	2.00
				032574	32.00	34.00	2.00
				032575	34.00	36.00	2.00
				032576	36.00	38.00	2.00
				032577	38.00	40.00	2.00
				032578	40.00	42.00	2.00
				032579	42.00	44.00	2.00
				032580	44.00	46.00	2.00
46.00	50.00	ARG	Black, siliceous to fissile, graphitic argillite with disseminated sulphides.	032581	46.00	48.00	2.00
				032582	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-576
Grid System : ORIGINAL
Collar Eastings : 23146.800
Collar Northings : 19423.900
Collar Elevations : 834.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	7.60	SEDS	Grey to tan coloured quartzite with occasional black laminations. 5% black, siliceous argillite.	032583	2.00	4.00	2.00
				032584	4.00	6.00	2.00
				032585	6.00	8.00	2.00
7.60	12.20	INT	Pervasively limonitic, siliceous, stockworked intrusive.	032586	8.00	10.00	2.00
				032587	10.00	12.00	2.00
				032588	12.00	14.00	2.00
12.20	25.80	SEDS	Grey to tan coloured quartzite with occasional black laminations. 5% black, siliceous argillite.	032589	14.00	16.00	2.00
				032590	16.00	18.00	2.00
				032591	18.00	20.00	2.00
				032592	20.00	22.00	2.00
				032593	22.00	24.00	2.00
				032594	24.00	26.00	2.00
25.80	28.20	INT	Pervasively limonitic, siliceous intrusive	032595	26.00	28.00	2.00
				032596	28.00	30.00	2.00
28.20	40.00	SEDS	Grey to tan coloured quartzite with occasional black laminations. 5% black, siliceous argillite.				
30.00	32.00		Trace finely, disseminated pyrite.	032597	30.00	32.00	2.00
32.00	34.00		Soft, dark brown to black, fissile shale.	032598	32.00	34.00	2.00
34.00	36.00		40-50% siliceous black argillite with very finely disseminated sulphides.	032599	34.00	36.00	2.00
36.00	39.00		80% dark grey to black very fine grained argillite or greywacke. There is a gradation between the quartzite and argillite, but there are no gritty sediments.	032600	36.00	38.00	2.00
				032601	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-577
Grid System : ORIGINAL
Collar Eastings : 23147.200
Collar Northings : 19374.100
Collar Elevations : 917.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	18.00	INT	Limonitic, porphyritic intrusive with abudant biotites altered to white clay.	032602	2.00	4.00	2.00
				032603	4.00	6.00	2.00
4.50	5.50	ARG	Black, siliceous, graphitic, stockworked, brecciated argillite. Interval very clay-rich.				
6.00	8.00		10% limonitic fresh intrusive.	032604	6.00	8.00	2.00
				032605	8.00	10.00	2.00
8.60	9.40	ARG	Black, siliceous, graphitic, stockworked, brecciated argillite. Interval very clay-rich.				
10.00	12.00		Mostly unoxidized intrusive with coarsely disseminated pyrite cubes and trace kermesite.	032606	10.00	12.00	2.00
12.00	18.00		Weakly oxidized intrusive with unoxidized disseminated pyrite.	032607	12.00	14.00	2.00
				032608	14.00	16.00	2.00
				032609	16.00	18.00	2.00
18.00	24.00	QFP	Light grey porphyry with biotites altered to white, coarsely disseminated pyrite cubes, and occasional feldspars altered bright apple green. Stockwork is occasionally grey.	032610	18.00	20.00	2.00
				032611	20.00	22.00	2.00
				032612	22.00	24.00	2.00
24.00	27.50	ARG	Black, siliceous, graphitic, stockworked argillite with disseminated pyrite and ocassional, almost complete replacement by pyrite.	032613	24.00	26.00	2.00
				032614	26.00	28.00	2.00
27.50	37.00	QFP	Light grey porphyry with biotites altered to white, coarsely disseminated pyrite cubes, and occasional feldspars altered bright apple green. Stockwork is occasionally grey.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-577

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
28.00	30.00		Euhedral quartz crystals in stockwork.	032615	28.00	30.00	2.00
				032616	30.00	32.00	2.00
				032617	32.00	34.00	2.00
				032618	34.00	36.00	2.00
				032619	36.00	38.00	2.00
37.00	42.00	F*INT	Black, biotite-rich, grey, fresh intrusive	032620	38.00	40.00	2.00
				032621	40.00	42.00	2.00
42.00	52.30	QFP	Light grey porphyry with biotites altered to white and minor disseminated pyrite.	032622	42.00	44.00	2.00
				032623	44.00	46.00	2.00
				032624	46.00	48.00	2.00
				032625	48.00	50.00	2.00
				032626	50.00	52.00	2.00
				032627	52.00	54.00	2.00
52.30	54.30	SEDS	Grey to tan quartzite with finely disseminated sulphides.	032628	54.00	56.00	2.00
54.30	58.00	ARG	Black, siliceous, graphitic argillite with abundant finely disseminated pyrite.	032629	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-578
Grid System : ORIGINAL
Collar Eastings : 23146.500
Collar Northings : 19396.300
Collar Elevations : 814.400
Collar Bearing : 999.00
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	Casing	Casing				
2.00	4.60	INT	Limonitic, siliceous intrusive with abundant biotites altered to clay.	032630	2.00	4.00	2.00
				032631	4.00	6.00	2.00
4.60	10.00	ARG	Black, siliceous, graphitic, stockworked argillite.	032632	6.00	8.00	2.00
				032633	8.00	10.00	2.00
10.00	16.00	SEDS	Grey to tan quartzite with 10-50% siliceous argillite.	032634	10.00	12.00	2.00
				032635	12.00	14.00	2.00
				032636	14.00	16.00	2.00
16.00	48.00	INT	Limonitic siliceous, porphyritic intrusive with occasional biotites altered to clay.	032637	16.00	18.00	2.00
				032638	18.00	20.00	2.00
				032639	20.00	22.00	2.00
				032640	22.00	24.00	2.00
				032641	24.00	26.00	2.00
				032642	26.00	28.00	2.00
				032643	28.00	30.00	2.00
				032644	30.00	32.00	2.00
				032645	32.00	34.00	2.00
				032646	34.00	36.00	2.00
				032647	36.00	38.00	2.00
				032648	38.00	40.00	2.00
				032649	40.00	42.00	2.00
				032650	42.00	44.00	2.00
				032651	44.00	46.00	2.00
46.00	48.00		Intense artgillic alteration, chips coated with kaolinite.	032652	46.00	48.00	2.00
48.00	58.00	SEDS	Grey to tan massive, fine grained quartzite. Occasional black laminations and stockwork, fine to coarsely disseminated pyrite.				
48.00	54.00		20% pyritic, siliceous, black argillite	032653	48.00	50.00	2.00

PROPERTY : Brewery Creek
HOLE No. : BCRC 91-578

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			and 5% weakly limonitic intrusive.	032654	50.00	52.00	2.00
				032655	52.00	54.00	2.00
				032656	54.00	56.00	2.00
				032657	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-579
Grid System : ORIGINAL
Collar Eastings : 17686.300
Collar Northings : 20468.600
Collar Elevations : 824.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	5.60	SEDS	Grey to tan chert pebble conglomerate with fine grey stockwork. Martix is silicified.	033902	2.00	4.00	2.00
				033903	4.00	6.00	2.00
5.60	8.60	INT	Pervasively limonitic intrusive with remnant white micas and rare quartz stockworking.	033904	6.00	8.00	2.00
				033905	8.00	10.00	2.00
8.60	20.30	SEDS	Grey to tan chert pebble conglomerate with fine grey stockwork. Matrix is silicified.				
10.00	14.00		Matrix of chert pebble conglomerate has greater percentage of black mud. Pebbles are fine grained.	033906	10.00	12.00	2.00
				033907	12.00	14.00	2.00
				033908	14.00	16.00	2.00
				033909	16.00	18.00	2.00
				033910	18.00	20.00	2.00
				033911	20.00	22.00	2.00
20.30	40.00	ARG	Cherty, black, stockworked argillite. Occasionaly quartz flooded.	033912	22.00	24.00	2.00
				033913	24.00	26.00	2.00
				033914	26.00	28.00	2.00
				033915	28.00	30.00	2.00
				033916	30.00	32.00	2.00
				033917	32.00	34.00	2.00
33.00	39.00		Soft, fissile, dark grey, matrix supported mudstone or greywacke.	033918	34.00	36.00	2.00
				033919	36.00	38.00	2.00
				033920	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-580
Grid System : ORIGINAL
Collar Eastings : 17687.100
Collar Northings : 20499.500
Collar Elevations : 828.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	6.20	INT	Pervasively limonitic, siliceous intrusive with rare quartz eyes and almost all primary texture obliterated.				
2.00	4.00		10% dark grey sandstone.	033921	2.00	4.00	2.00
4.00	6.00		40% dark grey sandstone and soft grey phyllite.	033922	4.00	6.00	2.00
				033923	6.00	8.00	2.00
6.20	14.00	SEDS	Black greywacke to sandstone. Hematitic surfaces suggest once present sulphides.	033924	8.00	10.00	2.00
10.00	12.00		40% soft grey phyllite.	033925	10.00	12.00	2.00
12.00	14.00		Phyllite stockwork and clay balls make up interval. May be a shear zone.	033926	12.00	14.00	2.00
14.00	17.00	ARG	Black, cherty, stockworked argillite.				
14.00	16.00		5-10% limonitic intrusive.	033927	14.00	16.00	2.00
				033928	16.00	18.00	2.00
17.00	20.40	INT	Pervasively limonitic, siliceous intrusive with occasional white sericite.	033929	18.00	20.00	2.00
				033930	20.00	22.00	2.00
20.40	27.00	ARG	Black, cherty, stockworked argillite.	033931	22.00	24.00	2.00
				033932	24.00	26.00	2.00
				033933	26.00	28.00	2.00
27.00	46.00	SEDS	Grey to brown quartzite. Trace disseminated pyrite and pyrite blebs.	033934	28.00	30.00	2.00
				033935	30.00	32.00	2.00
				033936	32.00	34.00	2.00
				033937	34.00	36.00	2.00
				033938	36.00	38.00	2.00
				033939	38.00	40.00	2.00
				033940	40.00	42.00	2.00
				033941	42.00	44.00	2.00
44.00	46.00		5% graphitic argillite.	033942	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-581
Grid System : ORIGINAL
Collar Eastings : 17687.600
Collar Northings : 20527.600
Collar Elevations : 529.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	9.00	SEDS	Siliceous mudstone and greywacke. Limonite and hematite suggest oxidized sulphides.	033943	2.00	4.00	2.00
				033944	4.00	6.00	2.00
6.00	8.00		5% Pervasively limonitic, siliceous intrusive.	033945	6.00	8.00	2.00
				033946	8.00	10.00	2.00
9.00	18.00	ARG	Black, cherty, stockworked argillite.	033947	10.00	12.00	2.00
				033948	12.00	14.00	2.00
				033949	14.00	16.00	2.00
				033950	16.00	18.00	2.00
18.00	52.00	SEDS	Grey to tan, very fine quartzite with trace disseminated pyrite.	033951	18.00	20.00	2.00
				033952	20.00	22.00	2.00
				033953	22.00	24.00	2.00
				033954	24.00	26.00	2.00
				033955	26.00	28.00	2.00
				033956	28.00	30.00	2.00
				033957	30.00	32.00	2.00
				033958	32.00	34.00	2.00
				033959	34.00	36.00	2.00
				033960	36.00	38.00	2.00
				033961	38.00	40.00	2.00
				033962	40.00	42.00	2.00
				033963	42.00	44.00	2.00
				033964	44.00	46.00	2.00
				033965	46.00	48.00	2.00
				033966	48.00	50.00	2.00
50.00	52.00		40% black greywacke with very finely disseminated sulphide.	033967	50.00	52.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-582
Grid System : ORIGINAL
Collar Eastings : 18259.300
Collar Northings : 20195.100
Collar Elevations : 817.900
Collar Bearing : 353.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	50.00	SEDS	Black, limonitic greywacke to fine grained sandstone, and soft fissile mudstone.	033968	2.00	4.00	2.00
				033969	4.00	6.00	2.00
6.00	8.00		40% soft grey phyllite.	033970	6.00	8.00	2.00
8.00	14.00		80% soft fissile mudstone or siltstone.	033971	8.00	10.00	2.00
				033972	10.00	12.00	2.00
				033973	12.00	14.00	2.00
14.00	16.00		40% fissile mudstone.	033974	14.00	16.00	2.00
				033975	16.00	18.00	2.00
18.00	24.00		Greywacke has 20% quartz grains. Interval has 25% mudstone.	033976	18.00	20.00	2.00
				033977	20.00	22.00	2.00
				033978	22.00	24.00	2.00
24.00	28.00		Percentage of quartz grains in greywacke increases to 50-90%.	033979	24.00	26.00	2.00
				033980	26.00	28.00	2.00
28.00	40.00	STWK	Grey quartz with secondary veining hosted in black sandstone.	033981	28.00	30.00	2.00
				033982	30.00	32.00	2.00
			NOTE: 28-30m; has 20% massive stibnite.	033983	32.00	34.00	2.00
			NOTE: 30-32m; has 3% stibnite.	033984	34.00	36.00	2.00
				033985	36.00	38.00	2.00
				033986	38.00	40.00	2.00
40.00	50.00		Black greywacke with finely disseminated sulphides.	033987	40.00	42.00	2.00
				033988	42.00	44.00	2.00
			NOTE: 46-50m; has occasional chips completely replaced with pyrite.	033989	44.00	46.00	2.00
				033990	46.00	48.00	2.00
				033991	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-583
Grid System : ORIGINAL
Collar Eastings : 18256.500
Collar Northings : 20214.000
Collar Elevations : 823.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	40.00	SEDS	Black greywacke to sandstone with minor phyllitic mudstone.	033992	2.00	4.00	2.00
				033993	4.00	6.00	2.00
6.00	34.00	STWK	White to grey quartz with secondary veining hosted in black sandstone. Occasional thinly disseminated sulphide stockwork often brecciated.	033994	6.00	8.00	2.00
				033995	8.00	10.00	2.00
				033996	10.00	12.00	2.00
				033997	12.00	14.00	2.00
				033998	14.00	16.00	2.00
				033999	16.00	18.00	2.00
				034000	18.00	20.00	2.00
				034001	20.00	22.00	2.00
				034002	22.00	24.00	2.00
				034003	24.00	26.00	2.00
				034004	26.00	28.00	2.00
				034005	28.00	30.00	2.00
				034006	30.00	32.00	2.00
				034007	32.00	34.00	2.00
34.00	40.00		Coarse greywacke with disseminated pyrite.	034008	34.00	36.00	2.00
				034009	36.00	38.00	2.00
				034010	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-584
Grid System : ORIGINAL
Collar Eastings : 18259.300
Collar Northings : 20156.200
Collar Elevations : 812.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	70.00	SEDS	Black greywacke to sandstone. Greywacke has 30-90% quartz grains.	034011	2.00	4.00	2.00
4.00	8.00		30-50% tan, fine grained quartzite.	034012	4.00	6.00	2.00
				034013	6.00	8.00	2.00
				034014	8.00	10.00	2.00
				034015	10.00	12.00	2.00
				034016	12.00	14.00	2.00
14.00	44.00		20-40% soft, grey, fissile mudstone. Trace	034017	14.00	16.00	2.00
			disseminated sulphides throughout, in-	034018	16.00	18.00	2.00
			creasing to end of interval. Pyrite and	034019	18.00	20.00	2.00
			possibly arsenopyrite.	034020	20.00	22.00	2.00
				034021	22.00	24.00	2.00
				034022	24.00	26.00	2.00
				034023	26.00	28.00	2.00
				034024	28.00	30.00	2.00
				034025	30.00	32.00	2.00
				034026	32.00	34.00	2.00
				034027	34.00	36.00	2.00
				034028	36.00	38.00	2.00
				034029	38.00	40.00	2.00
				034030	40.00	42.00	2.00
				034031	42.00	44.00	2.00
44.00	70.00	STWK	Quartz with secondary stockworking hosted	034032	44.00	46.00	2.00
			in black sandstone with stibnite at begin-	034033	46.00	48.00	2.00
			ning and abundant disseminated to massive	034034	48.00	50.00	2.00
			pyrite and arsenopyrite throughout. Quartz	034035	50.00	52.00	2.00
			often brecciated.	034036	52.00	54.00	2.00
			NOTE: 44-46m; 2% massive stibnite	034037	54.00	56.00	2.00
			46-48m; 10% stibnite	034038	56.00	58.00	2.00
			48-50m; 5% stibnite	034039	58.00	60.00	2.00
			54-56m; 3% stibnite	034040	60.00	62.00	2.00
				034041	62.00	64.00	2.00
				034042	64.00	66.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-584

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034043	66.00	68.00	2.00
				034044	68.00	70.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-585
Grid System : ORIGINAL
Collar Eastings : 18775.300
Collar Northings : 20335.500
Collar Elevations : 817.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	10.00	INT	Pervasively oxidized, siliceous intrusive with minor stockworking.	034045	2.00	4.00	2.00
				034046	4.00	6.00	2.00
				034047	6.00	8.00	2.00
				034048	8.00	10.00	2.00
10.00	47.90	ARG	Black, stockworked, siliceous argillite. 10-14m; graphitic and clay rich.	034049	10.00	12.00	2.00
11.50	12.50	INT	Limonitic siliceous intrusive.	034050	12.00	14.00	2.00
				034051	14.00	16.00	2.00
				034052	16.00	18.00	2.00
16.10	17.90	INT	Limonitic siliceous intrusive.	034053	18.00	20.00	2.00
				034054	20.00	22.00	2.00
				034055	22.00	24.00	2.00
22.60	24.40	INT	Limonitic siliceous intrusive, with quartz stockwork and trace pyrite. NOTE: 24-26m; 3% massive stibnite.	034056	24.00	26.00	2.00
26.00	28.00	STWK	Grey quartz hosted in graphitic argillite.	034057	26.00	28.00	2.00
28.00	47.90		Slightly graphitic argillite with minor disseminated pyrite. NOTE: 42-46m; 80% grey, very pyrite-rich, fine grained quartzite.	034058	28.00	30.00	2.00
				034059	30.00	32.00	2.00
				034060	32.00	34.00	2.00
				034061	34.00	36.00	2.00
				034062	36.00	38.00	2.00
				034063	38.00	40.00	2.00
				034064	40.00	42.00	2.00
				034065	42.00	44.00	2.00
				034066	44.00	46.00	2.00
				034067	46.00	48.00	2.00
47.90	50.00	INT	Intensely stockworked and silicified limonitic intrusive with massive pyrite, cubic pyrite, and possibile arsenopyrite. 50% of chips are stained green with scorodite (?).	034068	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-586
Grid System : ORIGINAL
Collar Eastings : 18776.600
Collar Northings : 20308.700
Collar Elevations : 807.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	12.60	INT	Pervasively limonitic, siliceous intrusive with minor stockworking. Occasional remnant white micas.	034070	2.00	4.00	2.00
				034071	4.00	6.00	2.00
				034072	6.00	8.00	2.00
				034073	8.00	10.00	2.00
				034074	10.00	12.00	2.00
				034075	12.00	14.00	2.00
12.60	50.00	ARG	Black, siliceous, stockworked, slightly graphitic argillite with trace of very finely disseminated sulphide.	034076	14.00	16.00	2.00
				034077	16.00	18.00	2.00
				034078	18.00	20.00	2.00
				034079	20.00	22.00	2.00
				034080	22.00	24.00	2.00
				034081	24.00	26.00	2.00
				034082	26.00	28.00	2.00
				034083	28.00	30.00	2.00
				034084	30.00	32.00	2.00
				034085	32.00	34.00	2.00
32.20	33.80	INT	Limonitic siliceous, stockworked intrusive with coarsely disseminated pyrite and occasional quartz eyes.	034086	34.00	36.00	2.00
				034087	36.00	38.00	2.00
				034088	38.00	40.00	2.00
				034089	40.00	42.00	2.00
				034090	42.00	44.00	2.00
				034091	44.00	46.00	2.00
46.00	48.00		50% grey, pyritic fine grained quartzite.	034092	46.00	48.00	2.00
48.00	50.00		20% grey, pyritic fine grained quartzite.	034093	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-587
Grid System : ORIGINAL
Collar Eastings : 21458.700
Collar Northings : 19795.000
Collar Elevations : 979.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	11.20	INT	Pervasively limonitic, stockworked, siliceous intrusive.	034094	2.00	4.00	2.00
3.00	4.70	ARG	Black, siliceous argillite.	034095	4.00	6.00	2.00
			NOTE: 30% of intrusive in 2-4m interval has remnant brown biotites.	034096	6.00	8.00	2.00
				034097	8.00	10.00	2.00
				034098	10.00	12.00	2.00
11.20	16.00	ARG	Black, siliceous, stockworked argillite 12-14m; 30% argillite is resilicified breccia.	034099	12.00	14.00	2.00
				034100	14.00	16.00	2.00
16.00	20.00	INT	Pervasively limonitic, stockworked, siliceous intrusive with coarsely and finely disseminated pyrite.	034101	16.00	18.00	2.00
				034102	18.00	20.00	2.00
20.00	50.00	ARG	Balck, siliceous argillite with frequent graphitic faces and very finely disseminated pyrite.	034103	20.00	22.00	2.00
				034104	22.00	24.00	2.00
				034105	24.00	26.00	2.00
26.00	50.00		Each interval contains 5-10% stockworked, limonitic intrusive.	034106	26.00	28.00	2.00
				034107	28.00	30.00	2.00
			NOTE: 26-28m; contains chips completely altered to pyrite.	034108	30.00	32.00	2.00
				034109	32.00	34.00	2.00
				034110	34.00	36.00	2.00
				034111	36.00	38.00	2.00
				034112	38.00	40.00	2.00
				034113	40.00	42.00	2.00
				034114	42.00	44.00	2.00
				034115	44.00	46.00	2.00
				034116	46.00	48.00	2.00
				034117	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-588
Grid System : ORIGINAL
Collar Eastings : 21455.800
Collar Northings : 19664.100
Collar Elevations : 970.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	12.80	INT	Pervasively limonitic, siliceous, stockworked intrusive with occasional quartz eyes.	034119	2.00	4.00	2.00
3.00	4.40	ARG	Black, siliceous, stockworked argillite.	034120	4.00	6.00	2.00
6.00	8.00		Grey quartz vein in very siliceous, argillically altered intrusive.	034121	6.00	8.00	2.00
				034122	8.00	10.00	2.00
				034123	10.00	12.00	2.00
				034124	12.00	14.00	2.00
12.80	16.60	ARG	Black, siliceous argillite with frequent graphitic surfaces and abundant coarsely disseminated pyrite.	034125	14.00	16.00	2.00
				034126	16.00	18.00	2.00
16.60	31.20	QFP	Quartz feldspar porphyry with quartz eyes and abundant coarsely disseminated pyrite.				
18.00	30.00		Contains 3-5% black siliceous argillite.	034127	18.00	20.00	2.00
			NOTE: 24-28m; has greenish quartz feldspar porphyry.	034128	20.00	22.00	2.00
				034129	22.00	24.00	2.00
				034130	24.00	26.00	2.00
				034131	26.00	28.00	2.00
				034132	28.00	30.00	2.00
				034133	30.00	32.00	2.00
31.20	40.00	ARG	Black, cherty argillite with abundant coarsely disseminated pyrite, minor stockwork, and minor graphitic surfaces.				
32.00	34.00		5% pyritic quartz feldspar porphyry.	034134	32.00	34.00	2.00
34.00	36.00		15% pyritic quartz feldspar porphyry.	034135	34.00	36.00	2.00
				034136	36.00	38.00	2.00
37.60	39.00	QFP	Pyrite-rich quartz feldspar porphyry.	034137	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-589
Grid System : ORIGINAL
Collar Eastings : 21458.900
Collar Northings : 19824.800
Collar Elevations : 979.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 56.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	CASING	Casing				
2.00	10.00		No sample (permafrost).				
10.00	56.00	ARG	Black, siliceous argillite with minor stockworking. From 24m on, coarsely disseminated pyrite and occasional graphitic srufaces are observed.				
10.00	12.00		5% limonitic intrusive, 1% fresh intrusive.	034139	10.00	12.00	2.00
12.00	14.00		3% limonitic intrusive.	034140	12.00	14.00	2.00
				034141	14.00	16.00	2.00
				034142	16.00	18.00	2.00
				034143	18.00	20.00	2.00
				034144	20.00	22.00	2.00
				034145	22.00	24.00	2.00
				034146	24.00	26.00	2.00
				034147	26.00	28.00	2.00
				034148	28.00	30.00	2.00
				034149	30.00	32.00	2.00
				034150	32.00	34.00	2.00
				034151	34.00	36.00	2.00
				034152	36.00	38.00	2.00
				034153	38.00	40.00	2.00
40.00	48.00		10% grey fine grained quartzite and 2% limonitic intrusive and 2% white, fine grained, soft, pyritic sediment(?).	034154	40.00	42.00	2.00
				034155	42.00	44.00	2.00
				034156	44.00	46.00	2.00
				034157	46.00	48.00	2.00
48.00	56.00		20-40% grey, fine grained, pyritic quartzite. 5% limonitic intrusive.	034158	48.00	50.00	2.00
				034159	50.00	52.00	2.00
				034160	52.00	54.00	2.00
				034161	54.00	56.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-590
Grid System : ORIGINAL
Collar Eastings : 21850.300
Collar Northings : 19521.000
Collar Elevations : 930.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	40.00	INT	Pervasively limonitic, siliceous, stock-worked intrusive with abundant quartz eyes. Occasional unoxidized chips show disseminated pyrite and pyrite blebs.	034162	2.00	4.00	2.00
				034163	4.00	6.00	2.00
				034164	6.00	8.00	2.00
				034165	8.00	10.00	2.00
10.00	12.00		5% intrusive has black biotites.	034166	10.00	12.00	2.00
				034167	12.00	14.00	2.00
13.40	15.20	P'INT	Limonitic intrusive has black biotites.	034168	14.00	16.00	2.00
15.50	15.60	ARG	Black siliceous argillite.	034169	16.00	18.00	2.00
				034170	18.00	20.00	2.00
				034171	20.00	22.00	2.00
				034172	22.00	24.00	2.00
				034173	24.00	26.00	2.00
				034174	26.00	28.00	2.00
				034175	28.00	30.00	2.00
				034176	30.00	32.00	2.00
				034177	32.00	34.00	2.00
				034178	34.00	36.00	2.00
				034179	36.00	38.00	2.00
				034180	38.00	40.00	2.00
40.00	60.00	QFP	White quartz feldspar porphyry with abundant disseminated pyrite and finer, acicular arsenopyrite.	034181	40.00	42.00	2.00
42.00	44.00		Fine, silvery acicular crystals associated with quartz stockwork. Not massive but thickly disseminated likely arsenopyrite, perhaps stibnite.	034182	42.00	44.00	2.00
				034183	44.00	46.00	2.00
				034184	46.00	48.00	2.00
46.80	47.20	ARG	Black, siliceous, stockworked, pyritic argillite.	034185	48.00	50.00	2.00
				034186	50.00	52.00	2.00
				034187	52.00	54.00	2.00
				034188	54.00	56.00	2.00
				034189	56.00	58.00	2.00
				034190	58.00	60.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE no. : BCRC 91-591
Grid System : ORIGINAL
Collar Eastings : 21851.100
Collar Northings : 19552.500
Collar Elevations : 914.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	18.00	INT	Limonitic intrusive with minor stockwork, remnant white biotites and, where oxidized, with disseminated pyrite (plus or minus) arsenopyrite.	034191	2.00	4.00	2.00
				034192	4.00	6.00	2.00
				034193	6.00	8.00	2.00
8.00	10.00		10% intrusive with black biotites.	034194	8.00	10.00	2.00
				034195	10.00	12.00	2.00
				034196	12.00	14.00	2.00
				034197	14.00	16.00	2.00
14.30	15.70	P*INT	Intrusive with remnant black biotites.	034198	16.00	18.00	2.00
18.00	37.00	QFP	White quartz feldspar porphyry with abundant coarsely and finely disseminated pyrite and possibly some arsenopyrite.	034199	18.00	20.00	2.00
19.50	20.50	ARG	Black siliceous, slightly graphitic, stockworked argillite with abundant, large pyrite crystal disseminations and stringers.	034200	20.00	22.00	2.00
				034201	22.00	24.00	2.00
				034202	24.00	26.00	2.00
				034203	26.00	28.00	2.00
				034204	28.00	30.00	2.00
				034205	30.00	32.00	2.00
				034206	32.00	34.00	2.00
				034207	34.00	36.00	2.00
				034208	36.00	38.00	2.00
37.00	39.50	ARG	Black, siliceous, slightly graphtic, stockworked argillite with abundant large pyrite crystal disseminations and sringers.	034209	38.00	40.00	2.00
39.50	40.00	QFP	White quartz feldspar porphyry with abundant coarsely and finely disseminated pyrite and possibly some arsenopyrite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-592
Grid System : ORIGINAL
Collar Eastings : 21568.700
Collar Northings : 19703.500
Collar Elevations : 948.600
Collar Bearing : 356.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	F*INT	Dark grey to limonitic black biotite-rich intrusive.	034210	2.00	4.00	2.00
2.90	3.10	ARG	Black, cherty argillite.	034211	4.00	6.00	2.00
				034212	6.00	8.00	2.00
8.00	16.00	INT	Limonitic intrusive with moderate argillic alteration. Unoxidized chips have coarsely disseminated pyrite. Occasional quartz stockwork and possible arsenopyrite needles.	034213	8.00	10.00	2.00
				034214	10.00	12.00	2.00
				034215	12.00	14.00	2.00
				034216	14.00	16.00	2.00
16.00	50.00	QFP	White to grey quartz feldspar porphyry with abundant coarsely disseminated pyrite and pyrite cubes. Minor quartz stockwork present.	034217	16.00	18.00	2.00
				034218	18.00	20.00	2.00
				034219	20.00	22.00	2.00
				034220	22.00	24.00	2.00
				034221	24.00	26.00	2.00
				034222	26.00	28.00	2.00
27.40	29.00	ARG	Black, cherty argillite with coarse disseminated pyrite and pyrite stringers.	034223	28.00	30.00	2.00
				034224	30.00	32.00	2.00
				034225	32.00	34.00	2.00
				034226	34.00	36.00	2.00
36.00	50.00		1-2% chips have remnant black biotites and are darker grey than the quartz feldspar porphyry.	034227	36.00	38.00	2.00
				034228	38.00	40.00	2.00
				034229	40.00	42.00	2.00
				034230	42.00	44.00	2.00
				034231	44.00	46.00	2.00
				034232	46.00	48.00	2.00
				034233	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-593
Grid System : ORIGINAL
Collar Eastings : 21745.400
Collar Northings : 19877.800
Collar Elevations : 1003.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	27.00	INT	Pervasively limonitic, siliceous, stock-worked intrusive.	034234	2.00	4.00	2.00
				034235	4.00	6.00	2.00
				034236	6.00	8.00	2.00
				034237	8.00	10.00	2.00
				034238	10.00	12.00	2.00
11.00	13.00	BRXX	Silicified, fine argillite breccia with quartz matrix and occasional irridescent blue shimmers (manganese oxide?).	034239	12.00	14.00	2.00
				034240	14.00	16.00	2.00
				034241	16.00	18.00	2.00
				034242	18.00	20.00	2.00
				034243	20.00	22.00	2.00
				034244	22.00	24.00	2.00
				034245	24.00	26.00	2.00
				034246	26.00	28.00	2.00
27.00	50.00	ARG	Black, cherty argillite with minor stock-work and traces of disseminated pyrite.	034247	28.00	30.00	2.00
				034248	30.00	32.00	2.00
				034249	32.00	34.00	2.00
				034250	34.00	36.00	2.00
				034251	36.00	38.00	2.00
				034252	38.00	40.00	2.00
				034253	40.00	42.00	2.00
				034254	42.00	44.00	2.00
				034255	44.00	46.00	2.00
				034256	46.00	48.00	2.00
				034257	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-594
Grid System : ORIGINAL
Collar Eastings : 21714.000
Collar Northings : 19882.100
Collar Elevations : 1011.800
Collar Bearing : 268.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	30.40	INT	Pervasively limonitic, stockworked, siliceous intrusive with occasional quartz eyes.	034259	2.00	4.00	2.00
				034260	4.00	6.00	2.00
				034261	6.00	8.00	2.00
				034262	8.00	10.00	2.00
				034263	10.00	12.00	2.00
				034264	12.00	14.00	2.00
				034265	14.00	16.00	2.00
				034266	16.00	18.00	2.00
				034267	18.00	20.00	2.00
				034268	20.00	22.00	2.00
				034269	22.00	24.00	2.00
				034270	24.00	26.00	2.00
24.80	25.20	ARG	Limonitic, black, cherty argillite.	034271	26.00	28.00	2.00
				034272	28.00	30.00	2.00
				034273	30.00	32.00	2.00
30.40	50.00	ARG	Black, siliceous argillite with minor stockwork and trace finely disseminated pyrite.				
30.40	32.00		50% silicified phyllite with black, elongated clasts - could be mylonite (?).	034274	32.00	34.00	2.00
				034275	34.00	36.00	2.00
36.00	38.00		50% soft grey pyillite/ashstone.	034276	36.00	38.00	2.00
				034277	38.00	40.00	2.00
40.00	42.00		3% limonitic intrusive	034278	40.00	42.00	2.00
42.00	44.00		Very few chips, high % soft grey mush.	034279	42.00	44.00	2.00
44.00	46.00		10% silicified breccia.	034280	44.00	46.00	2.00
46.00	50.00		Minor graphitic surfaces.	034281	46.00	48.00	2.00
				034282	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-5[illegible]
Grid System : ORIGINAL
Collar Eastings : 21712.300
Collar Northings : 19859.500
Collar Elevations : 1004.600
Collar Bearing : 2[illegible].00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	41.00	INT	Pervasively limonitic, siliceous, stock-worked intrusive with occasional quartz eyes.				
2.00	4.00		3% cherty, limonitic argillite.	034284	2.00	4.00	2.00
				034285	4.00	6.00	2.00
				034286	6.00	8.00	2.00
				034287	8.00	10.00	2.00
				034288	10.00	12.00	2.00
				034289	12.00	14.00	2.00
				034290	14.00	16.00	2.00
				034291	16.00	18.00	2.00
				034292	18.00	20.00	2.00
				034293	20.00	22.00	2.00
22.00	30.00		15-20% brownish intrusive with light brown remnant biotites.	034294	22.00	24.00	2.00
				034295	24.00	26.00	2.00
				034296	26.00	28.00	2.00
				034297	28.00	30.00	2.00
				034298	30.00	32.00	2.00
				034299	32.00	34.00	2.00
				034300	34.00	36.00	2.00
				034301	36.00	38.00	2.00
				034302	38.00	40.00	2.00
				034303	40.00	42.00	2.00
41.00	50.00	ARG	Black, cherty argillite with minor stock-work and trace of very finely disseminated sulphide.	034304	42.00	44.00	2.00
				034305	44.00	46.00	2.00
				034306	46.00	48.00	2.00
				034307	48.00	50.00	2.00

NORANDA EXPLORATION

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-596
Grid System : ORIGINAL
Collar Eastings : 21738.900
Collar Northings : 19779.200
Collar Elevations : 979.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	P*INT	Pervasively oxidized quartz feldspar porphyritic intrusive with minor amount of fine grained black biotite. Minor hematite in fractures. NOTE: At 4-6m; contains 40% unoxidized fresh intrusive with trace fine grained blebby pyrite.	034308	2.00	4.00	2.00
				034309	4.00	6.00	2.00
				034310	6.00	8.00	2.00
8.00	41.70	INT	Pervasively oxidized siliceous porphyritic intrusive; remnant silverish biotite; some (<10%) biotite altered to white clay; minor stockwork, both quartz and limonite; trace very fine grained pyrite. NOTE: 12-14m; very fine stibnite stringers 20-22m; very fine stibnite stringers	034311	8.00	10.00	2.00
				034312	10.00	12.00	2.00
				034313	12.00	14.00	2.00
				034314	14.00	16.00	2.00
				034315	16.00	18.00	2.00
				034316	18.00	20.00	2.00
				034317	20.00	22.00	2.00
				034318	22.00	24.00	2.00
				034319	24.00	26.00	2.00
				034320	26.00	28.00	2.00
28.00	30.00	SE	2% stibnite chips; some with kermesite (= possible 4cm vein?).	034321	28.00	30.00	2.00
				034322	30.00	32.00	2.00
				034323	32.00	34.00	2.00
				034324	34.00	36.00	2.00
35.80	37.60	ARG	Black, very slightly oxidized siliceous argillite with moderate quartz stockwork.	034325	36.00	38.00	2.00
				034326	38.00	40.00	2.00
38.90	39.10		Black, very slightly oxidized siliceous argillite with moderate quartz stockwork.	034327	40.00	42.00	2.00
41.70	48.00	ARG	Black, siliceous argillite with very slight patchy oxidation. Moderate quartz and rusty stockwork. Trace very fine grained pyrite.	034328	42.00	44.00	2.00
				034329	44.00	46.00	2.00
44.60	45.40	INT	Limonitic, siliceous, quartz feldspar porphyritic intrusive with remnant biotite.	034330	46.00	48.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-596

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
48.00	50.00	INT	Strongly limonitic siliceous porphyritic intrusive.	034331	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-597
Grid System : ORIGINAL
Collar Eastings : 21742.600
Collar Northings : 19848.400
Collar Elevations : 1001.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	14.00	INT	Pervasively oxidized quartz feldspar porphyry intrusive; remnant biotite; occasional quartz eyes.	034332	2.00	4.00	2.00
3.70	4.10	ARG	Black siliceous argillite.	034333	4.00	6.00	2.00
				034334	6.00	8.00	2.00
				034335	8.00	10.00	2.00
				034336	10.00	12.00	2.00
				034337	12.00	14.00	2.00
14.00	24.00	P*INT	Limonitic quartz feldspar prophyritic intrusive with abundant black boitite.	034338	14.00	16.00	2.00
				034339	16.00	18.00	2.00
				034340	18.00	20.00	2.00
				034341	20.00	22.00	2.00
				034342	22.00	24.00	2.00
24.00	42.80	INT	Strongly limonitic quartz feldspar porphyritic intrusive; quartz deep orange-red; remnant biotite. NOTE: 24-26m; contains 2% black argillite. 32-34m; 5% black siliceous argillite 34-36m; 5% black argillite.	034343	24.00	26.00	2.00
				034344	26.00	28.00	2.00
				034345	28.00	30.00	2.00
				034346	30.00	32.00	2.00
				034347	32.00	34.00	2.00
				034348	34.00	36.00	2.00
				034349	36.00	38.00	2.00
				034350	38.00	40.00	2.00
				034351	40.00	42.00	2.00
				034352	42.00	44.00	2.00
42.80	60.00	ARG	Black, siliceous, very slightly limonitic argillite; fine grained disseminated stringy pyrite plus oxidized cubic voids indicating former pyrite presence; minor stockwork. NOTE: 54-56m; grey clay mixed with competent argillite.	034353	44.00	46.00	2.00
				034354	46.00	48.00	2.00
				034355	48.00	50.00	2.00
				034356	50.00	52.00	2.00
				034357	52.00	54.00	2.00
				034358	54.00	56.00	2.00
				034359	56.00	58.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-597

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				334360	58.00	60.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-598
Grid System : ORIGINAL
Collar Eastings : 21599.900
Collar Northings : 19561.300
Collar Elevations : 941.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	11.00	SHALE	Dark grey to black shale; mild quartz and limonitic stockwork; slight schistosity evident; trace fine grained pyrite. NOTE: 2-4m; cotnains 25% limonitic, siliceous quartz feldspar porphyritic intrusive.	034361	2.00	4.00	2.00
				034362	4.00	6.00	2.00
				034363	6.00	8.00	2.00
				034364	8.00	10.00	2.00
				034365	10.00	12.00	2.00
11.00	21.00	ARG	Black siliceous argillite with fine grained and stringy disseminated pyrite; minor oxidation in fractures; moderate quartz stockwork.	034366	12.00	14.00	2.00
				034367	14.00	16.00	2.00
15.20	17.20	FINT	Unoxidized, grey quartz feldspar porphyritic intrusive with minor fine grained black biotite; 2-5% fine grained disseminated and blebby pyrite. NOTE: 18-20m; contains 15% unoxidized grey quartz feldspar porphyritic intrusive with minor fine grained black biotite; 2-5% fine grained disseminated and blebby pyrite.	034368	16.00	18.00	2.00
				034369	18.00	20.00	2.00
				034370	20.00	22.00	2.00
21.00	50.00	IFI	Grey, unoxidzed quartz feldspar porphyritic intrusive; unbiquitous fine grained disseminated and blebby pyrite; rare quartz eyes; minor pink feldspar; minor sea-green translucent mineral (fluorite?).	034371	22.00	24.00	2.00
				034372	24.00	26.00	2.00
				034373	26.00	28.00	2.00
				034374	28.00	30.00	2.00
28.90	29.10	ARG	Black siliceous argillite with 5% fine grained disseminated and stringy pyrite; mild to moderate quartz stockwork.	034375	30.00	32.00	2.00
				034376	32.00	34.00	2.00
				034377	34.00	36.00	2.00
				034378	36.00	38.00	2.00
37.90	40.10	ARG	Black, slightly graphitic argillite; moderate quartz stockwork; fine grained pyrite.	034379	38.00	40.00	2.00
				034380	40.00	42.00	2.00
				034381	42.00	44.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-598

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			NOTE: 44-50m; contains 2% black argillite chips with 5-7% pyrite.	034382	44.00	46.00	2.00
				034383	46.00	48.00	2.00
				034384	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-599
Grid System : ORIGINAL
Collar Eastings : 21547.100
Collar Northings : 19579.200
Collar Elevations : 949.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	13.00	SHALE	Dark grey to black; minor quartz and rusty stockwork; slight schistosity; trace fine grained pyrite. NOTE: 4-6m; contains 2% intrusive chips.	034385	2.00	4.00	2.00
				034386	4.00	6.00	2.00
				034387	6.00	8.00	2.00
				034388	8.00	10.00	2.00
				034389	10.00	12.00	2.00
				034390	12.00	14.00	2.00
13.00	15.00	QFP	Grey quartz feldspar porphyritic intrusive with fine grained disseminated and blebby pyrite; some chips are very mildy oxidized on the edges.	034391	14.00	16.00	2.00
15.00	38.00	ARG	Black argillite with moderate to strong quartz stockwork; 3-7% fine grained disseminated, blebby and stringy pyrite. NOTE: 15-20m; is more siliceous than rest of interval.	034392	16.00	18.00	2.00
				034393	18.00	20.00	2.00
				034394	20.00	22.00	2.00
				034395	22.00	24.00	2.00
				034396	24.00	26.00	2.00
				034397	26.00	28.00	2.00
				034398	28.00	30.00	2.00
				034399	30.00	32.00	2.00
				034400	32.00	34.00	2.00
				034401	34.00	36.00	2.00
35.00	36.80	QFP	Grey quartz feldspar porphyritic intrusive with fine grained disseminated and blebby pyrite.	034402	36.00	38.00	2.00
38.00	50.00	QFP	Grey quartz feldspar porphyritic intrusive with fine grained disseminated and blebby pyrite; some chips are very mildly oxidized on the edges; rare quartz eyes.	034403	38.00	40.00	2.00
39.00	40.20	ARG	Black argillite.	034404	40.00	42.00	2.00
				034405	42.00	44.00	2.00
				034406	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-599

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034407	46.00	48.00	2.00
				034408	48.00	50.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-600
Grid System : ORIGINAL
Collar Eastings : 21849.800
Collar Northings : 19491.500
Collar Elevations : 914.500
Collar Bearing : 334.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	18.00	P*INT	Pervasively oxidized quartz feldspar porphyritic intrusive with abundant fine grained black biotite; occasional quartz eyes. NOTE: 5-40% grey, unoxidized fresh intrusive with trace fine grained pyrite throughout interval. NOTE: Amount of biotites decreases towards end of interval.	034410	2.00	4.00	2.00
				034411	4.00	6.00	2.00
				034412	6.00	8.00	2.00
				034413	8.00	10.00	2.00
				034414	10.00	12.00	2.00
10.50	11.50	ARG	Black argillite with minor quartz stockwork; trace pyrite.	034415	12.00	14.00	2.00
				034416	14.00	16.00	2.00
				034417	16.00	18.00	2.00
18.00	42.00	INT	Strongly limonitic quartz feldspar porphyritic intrusive; quartz deeply rusty to red in colour; remnant biotite; remnant pyrite; frequent quartz eyes. NOTE: 18-20m; contains 2% stibnite with kermesite.	034418	18.00	20.00	2.00
				034419	20.00	22.00	2.00
20.60	22.10	ARG	Black argillite. NOTE: 24-30m; interval contains approximately 50% grey quartz feldspar porphyry.	034420	22.00	24.00	2.00
				034421	24.00	26.00	2.00
				034422	26.00	28.00	2.00
				034423	28.00	30.00	2.00
				034424	30.00	32.00	2.00
31.90	32.80	ARG	Black argillite with minor quartz stockwork; fine grained disseminated and stringy pyrite. NOTE: 34-42m; contains approximately 50% quartz feldspar porphyry.	034425	32.00	34.00	2.00
				034426	34.00	36.00	2.00
				034427	36.00	38.00	2.00
				034428	38.00	40.00	2.00
				034429	40.00	42.00	2.00
42.00	46.00	P*INT	Quartz feldspar porphyritic intrusive; 50% pervasively oxidized; 50% grey and unoxidized; abundant black biotite; trace	034430	42.00	44.00	2.00
				034431	44.00	46.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-600

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			disseminated and blebby fine grained pyrite.				

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-601
Grid System : ORIGINAL
Collar Eastings : 21737.600
Collar Northings : 19749.400
Collar Elevations : 965.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	38.00	INT	Strongly pervasively oxidized quartz feldspar porphyritic intrusive; remnant biotite.	034432	2.00	4.00	2.00
				034433	4.00	6.00	2.00
				034434	6.00	8.00	2.00
				034435	8.00	10.00	2.00
9.90	10.10	ARG	Black, pyritic argillite.	034436	10.00	12.00	2.00
			NOTE: 22-24m; contains 5% grey qaurtz feldspar porphyry with very fine grained disseminated blebby pyrite; stibnite stringers.	034437	12.00	14.00	2.00
				034438	14.00	16.00	2.00
				034439	16.00	18.00	2.00
				034440	18.00	20.00	2.00
			NOTE: 30-36m; contains approximately 10% quartz feldspar porphyry.	034441	20.00	22.00	2.00
				034442	22.00	24.00	2.00
			NOTE: 36-38m; trace stibnite.	034443	24.00	26.00	2.00
				034444	26.00	28.00	2.00
				034445	28.00	30.00	2.00
				034446	30.00	32.00	2.00
				034447	32.00	34.00	2.00
				034448	34.00	36.00	2.00
				034449	36.00	38.00	2.00
38.00	41.80	ARG	Black, siliceous. very slightly limonitic argillite with moderate white quartz stockwork; 3% very fine grained disseminated pyrite.	034450	38.00	40.00	2.00
				034462	40.00	42.00	2.00
41.80	42.50	P*INT	Pervasively oxidized quartz feldspar porphyritic intrusive with moderate amounts of black biotite; approximately 10% unoxidized; some quartz has heatitic staining; trace fine grained pyrite.	034463	42.00	44.00	2.00
42.50	47.80	INT	Lightly pervasively oxidized quartz feldspar porphyritic intrusive with approximately 10% quartz feldspar porphyry;	034464	44.00	46.00	2.00
				034465	46.00	48.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-601

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			quartz feldspar porphyry has fine grained disseminated and blebby pyrite; trace stibnite; some quartz has purpleish-red staining.				
47.80	52.00	ARG	Black argillite with fine grained disseminated pyrite. Slightly limonitic in some fractures.	034466	48.00	50.00	2.00
				034467	50.00	52.00	2.00

BORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-602
Grid System : ORIGINAL
Collar Eastings : 21654.100
Collar Northings : 19606.600
Collar Elevations : 929.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	PRFRST	Permafrost				
10.00	15.80	INT	Grey quartz feldspar porphyritic intrusive with up to 5% fine grained disseminated, blebby and stringy pyrite. NOTE: Interval contains 10-40% pervasively oxidized intrusive.	034468 034469 034470	10.00 12.00 14.00	12.00 14.00 16.00	2.00 2.00 2.00
15.80	24.80	P*INT	Medium grey, very quartz-rich quartz feldspar porphyritic intrusive with abundant black biotite; trace fine grained pyrite. NOTE: Interval contains 5% pervasively oxidized quartz feldspar porphyry with black biotite.	034471 034472 034473 034474 034475	16.00 18.00 20.00 22.00 24.00	18.00 20.00 22.00 24.00 26.00	2.00 2.00 2.00 2.00 2.00
24.80	29.00	INT	Quartz feldspar porphyritic intrusive; 50% pervasively oxidized; 50% grey unoxidized intrusive with trace fine grained pyrite.	034476 034477	26.00 28.00	28.00 30.00	2.00 2.00
29.00	32.10	P*INT	Quartz-rich quartz feldspar porphyritic intrusive with black biotite; 45% of interval is grey unoxidized intrusive; 55% of interval is pervasively oxidized.	034478 034479	30.00 32.00	32.00 34.00	2.00 2.00
32.10	35.50	INT	Pervasively oxidized quartz feldspar porphyritic intrusive; remnant biotite. NOTE: Interval is 15% unoxidized grey intrusive. NOTE: Interval contains 1% black siliceous argillite.	034480	34.00	36.00	2.00
35.50	50.00	P*INT	Greenish grey qaurtz-rich quartz feldspar porphyritic intrusive with abundant black biotite; some biotite altered to whitish clay; small amounts of fine grained blebby	034481 034482 034483 034484	36.00 38.00 40.00 42.00	38.00 40.00 42.00 44.00	2.00 2.00 2.00 2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-602

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			and disseminated pyrite.	034485	44.00	46.00	2.00
			NOTE: Interval contains 10% pervasively oxidized fresh intrusive.	034486	46.00	48.00	2.00
			NOTE: 42-46m; most biotite has altered to white clay mineral.	034487	48.00	50.00	2.00
			NOTE: 48-50m; contains 5% black argillite with fine grained disseminated and stringy pyrite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-603
Grid System : ORIGINAL
Collar Eastings : 21505.100
Collar Northings : 19582.900
Collar Elevations : 956.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	11.60	SHALE	Dark grey shale; minor oxidation on chip surfaces; minor limonitic stockwork; slight schistosity evident; minor hematite; soft fissile; trace very fine grained pyrite.	034488	2.00	4.00	2.00
				034489	4.00	6.00	2.00
				034490	6.00	8.00	2.00
				034491	8.00	10.00	2.00
				034492	10.00	12.00	2.00
11.60	16.50	INT	Pervasively oxidized quartz feldspar porphyritic intrusive; remnant biotite.	034493	12.00	14.00	2.00
				034494	14.00	16.00	2.00
			NOTE: Approximately 30% unoxidized quartz feldspar porphyry with <5% fine grained blebby and disseminated pyrite.	034495	16.00	18.00	2.00
			NOTE: Interval contains 5% black argillite with fine grained disseminated pyrite.				
16.50	29.00	ARG	Black siliceous argillite with moderate to strong quartz stockwork; abundant stringers of, blebby and disseminated fine grained pyrite.	034496	18.00	20.00	2.00
				034497	20.00	22.00	2.00
				034498	22.00	24.00	2.00
				034499	24.00	26.00	2.00
			NOTE: 22-29m; 40% argillite is not silicified.	034500	26.00	28.00	2.00
				034501	28.00	30.00	2.00
			NOTE: Interval has 2% oxidized quartz feldspar porphyry intrusive.				
29.00	34.50	QFP	Grey quartz feldspar porphyry intrusive with <5% disseminated pyrite.	034502	30.00	32.00	2.00
31.50	32.10	ARG	Black argillite with abundant fine grained pyrite.	034503	32.00	34.00	2.00
				034504	34.00	36.00	2.00
34.50	40.00	ARG	Black, graphitic argillite with ubiquitous fine grained pyrite.	034505	36.00	38.00	2.00
				034506	38.00	40.00	2.00
			NOTE: 38-40m; contains 5% grey quartz				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-603

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			feldspar porphyry intrusive with fine grained disseminated pyrite.				
40.00	65.00	QFP	Grey, white quartz-rich quartz feldspar porphyry intrusive with 5-10% fine grained blebby and disseminated pyrite; some quartz eyes. NOTE: 50-54m; quartz is grey. NOTE: 56-60m; quartz is grey. NOTE: Interval contains 2% black argillite.	034507	40.00	42.00	2.00
				034508	42.00	44.00	2.00
				034509	44.00	46.00	2.00
				034510	46.00	48.00	2.00
				034511	48.00	50.00	2.00
				034512	50.00	52.00	2.00
				034513	52.00	54.00	2.00
				034514	54.00	56.00	2.00
				034515	56.00	58.00	2.00
				034516	58.00	60.00	2.00
				034517	60.00	62.00	2.00
				034518	62.00	64.00	2.00
				034519	64.00	66.00	2.00
65.00	70.00	PINT	Blue grey quartz feldspar porphyritic intrusive with abundant black biotite; fine grained pyrite.	034520	66.00	68.00	2.00
				034521	68.00	70.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-604
Grid System : ORIGINAL
Collar Eastings : 21505.800
Collar Northings : 19610.200
Collar Elevations : 957.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	3.00	INT	Pervasively oxidized quartz feldspar porpyritic intrusive; remnant biotite; cubic voids.	034522	2.00	4.00	2.00
3.00	30.40	ARG	Black argillite; mostly graphitic; moderate quartz stockwork; some fractures limonitic; fine grained disseminated and stringers of pyrite. NOTE: 6-9m; grey, soft, slightly schistose shale.	034523	4.00	6.00	2.00
				034524	6.00	8.00	2.00
				034525	8.00	10.00	2.00
				034526	10.00	12.00	2.00
				034527	12.00	14.00	2.00
				034528	14.00	16.00	2.00
				034529	16.00	18.00	2.00
				034530	18.00	20.00	2.00
19.80	22.00	F*INT	Light grey siliceous feldspar porphyry intrusive with abundant black biotite. NOTE: Interval contains 2% dark green feldspar porphyry intrusive with black biotite.	034531	20.00	22.00	2.00
				034532	22.00	24.00	2.00
23.80	25.00		Light grey quartz feldspar porphyritic intrusive with 2% fine grained blebby and disseminated pyrite.	034533	24.00	26.00	2.00
				034534	26.00	28.00	2.00
				034535	28.00	30.00	2.00
				034536	30.00	32.00	2.00
30.40	53.00	QFP	Grey, quartz feldspar porphyritic intrusive with ubiquitous fine grained blebby and disseminated pyrite	034537	32.00	34.00	2.00
33.00	34.20	ARG	Black, slightly graphitic argillite with minor quartz stockwork; fine grained disseminated and stringy pyrite.	034538	34.00	36.00	2.00
35.80	38.00	F*INT	Greenish grey quartz-rich quartz feldspar intrusive with abundant black biotite. NOTE: Entire interval contains 5% black argillite.	034539	36.00	38.00	2.00
				034540	38.00	40.00	2.00
				034541	40.00	42.00	2.00
				034542	42.00	44.00	2.00
				034543	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-604

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034544	46.00	48.00	2.00
				034545	48.00	50.00	2.00
				034546	50.00	52.00	2.00
				034547	52.00	54.00	2.00
53.00	58.00	PINT	Greenish grey quartz-rich quartz feldspar intrusive with abundant black biotite. NOTE: Interval contains 2-5% black argillite.	034548	54.00	56.00	2.00
				034549	56.00	58.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-605
Grid System : ORIGINAL
Collar Eastings : 21506.900
Collar Northings : 19634.900
Collar Elevations : 958.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	18.10	ARG	Dark grey to black argillite with moderate quartz and limonitic stockwork; fine grained disseminated pyrite; very slightly graphitic; oxidation on some chip surfaces. NOTE: 10-18.1m; Black graphitic argillite.	034550	2.00	4.00	2.00
				034551	4.00	6.00	2.00
				034552	6.00	8.00	2.00
				034553	8.00	10.00	2.00
				034554	10.00	12.00	2.00
				034555	12.00	14.00	2.00
				034556	14.00	16.00	2.00
15.00	17.00	QFP	Light pinkish grey quartz feldspar porphyritic intrusive with <5% blebby and disseminated pyrite.	034557	16.00	18.00	2.00
				034558	18.00	20.00	2.00
18.10	25.00	QFP	Grey siliceous quartz feldspar porphyritic intrusive with 5-7% blebby and disseminated pyrite; very slight oxidation on the surfaces of some chips.	034559	20.00	22.00	2.00
				034560	22.00	24.00	2.00
				034561	24.00	26.00	2.00
25.00	30.80	ARG	Black argillite with moderate to strong quartz pyrite stockwork and fine grained disseminated pyrite.	034562	26.00	28.00	2.00
				034563	28.00	30.00	2.00
				034564	30.00	32.00	2.00
30.80	52.00	FINT	Light greenish grey quartz-rich quartz feldspar porphyritic intrusive with abundant black biotite; some biotite altering to white clay mineral; stringers of pyrite and disseminated pyrite. NOTE: Interval contains 10-15% black argillite chips throughout.	034565	32.00	34.00	2.00
				034566	34.00	36.00	2.00
				034567	36.00	38.00	2.00
				034568	38.00	40.00	2.00
				034569	40.00	42.00	2.00
				034570	42.00	44.00	2.00
				034571	44.00	46.00	2.00
44.50	45.50	ARG	Black argillite with moderate to strong quartz pyrite stockwork and fine grained disseminated pyrite. NOTE: 50-52m; fresh intrusive is a darker green; most biotite has altered to silvery mica or white clay.	034572	46.00	48.00	2.00
				034573	48.00	50.00	2.00
				034574	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-606
Grid System : ORIGINAL
Collar Eastings : 21928.100
Collar Northings : 19903.700
Collar Elevations : 976.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	14.50	INT	Strongly pervasively oxidized quartz feldspar porphyritic intrusive; minor remnant biotite. NOTE: 10-12m; contains approximately 5% unoxidized intrusive.	034575	2.00	4.00	2.00
				034576	4.00	6.00	2.00
				034577	6.00	8.00	2.00
				034578	8.00	10.00	2.00
				034579	10.00	12.00	2.00
				034580	12.00	14.00	2.00
				034581	14.00	16.00	2.00
14.50	30.00	ARG	Black argillite; oxidized on chip surfaces; fine grained disseminated pyrite; much greyish brown clay.	034582	16.00	18.00	2.00
				034583	18.00	20.00	2.00
				034584	20.00	22.00	2.00
				034585	22.00	24.00	2.00
				034586	24.00	26.00	2.00
				034587	26.00	28.00	2.00
				034588	28.00	30.00	2.00
30.00	34.00	INT	Strongly pervasively limonitic quartz-rich porphyritic intrusive; most feldspar has been argillically altered; quartz deeply orange in colour, minor hematite.	034589	30.00	32.00	2.00
				034590	32.00	34.00	2.00
34.00	40.00	ARG	Dark grey to black argillite; fine grained disseminated pyrite; much grey clay; soft minor oxidation on some chip surfaces. NOTE: 38-40m; intense quartz stockwork; argillite is harder.	034591	34.00	36.00	2.00
				034592	36.00	38.00	2.00
				034593	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-607
Grid System : ORIGINAL
Collar Eastings : 21929.700
Collar Northings : 19872.900
Collar Elevations : 963.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	4.30	ARG	Black argillite with moderate quartz stockwork, lightly oxidized on chip surfaces; fine grained disseminated pyrite; slightly graphitic.	034594	2.00	4.00	2.00
				034595	4.00	6.00	2.00
4.30	33.00	INT	Strongly pervasively oxidized quartz feldspar porphyritic intrusive; minor remnant pyrite; occasional quartz eyes; remnant biotite.	034596	6.00	8.00	2.00
				034597	8.00	10.00	2.00
10.00	13.00		Slightly graphitic black argillite with mild quartz stockwork; fine grained disseminated pyrite; minor hematite.	034598	10.00	12.00	2.00
				034599	12.00	14.00	2.00
				034600	14.00	16.00	2.00
			NOTE: 28-34m; contains 5% grey, unoxidized quartz feldspar porphyritic intrusive with blobby and disseminated pyrite.	034601	16.00	18.00	2.00
				034602	18.00	20.00	2.00
				034603	20.00	22.00	2.00
				034604	22.00	24.00	2.00
				034605	24.00	26.00	2.00
				034606	26.00	28.00	2.00
				034607	28.00	30.00	2.00
				034608	30.00	32.00	2.00
				034609	32.00	34.00	2.00
33.00	40.00	ARG	Black argillite with moderate to strong quartz stockwork; fine grained stringers of pyrite and disseminated pyrite; oxidation on most chip surfaces; grey clay; minor hematite.	034610	34.00	36.00	2.00
				034611	36.00	38.00	2.00
				034612	38.00	40.00	2.00
			NOTE: 36-40m; contains 30% strongly pervasively oxidized quartz feldspar porpyritic intrusive; minor remnant pyrite; occasional quartz eyes; remnant biotite.				

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-608
Grid System : ORIGINAL
Collar Eastings : 21946.200
Collar Northings : 19841.900
Collar Elevations : 952.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	3.00	INT	Pervasively oxidized quartz feldspar porpyritic intrusive; remnant biotite.	034613	2.00	4.00	2.00
3.00	6.40	ARG	Dark grey and black, slightly graphitic argillite; moderate limonitic stockwork; very fine grained disseminated and fracture controlled pyrite; soft.	034614	4.00	6.00	2.00
				034615	6.00	8.00	2.00
6.40	42.00	INT	Pervasively oxidized quartz-rich, quartz feldspar porphyritic intrusive; remnant biotite; remnant pyrite; minor pervasive hematite; much clay in unwashed, rare quartz eyes.	034616	8.00	10.00	2.00
				034617	10.00	12.00	2.00
				034618	12.00	14.00	2.00
				034619	14.00	16.00	2.00
			NOTE: Entire interval contains 3-5% (unoxidized) grey quartz feldspar porphyritic intrusive with 2-5% fine grained blebby and disseminated pyrite.				
15.00	19.00	P*INT	Pervasively oxidized quartz feldspar porphyritic intrusive with abundant black biotite.	034620	16.00	18.00	2.00
				034621	18.00	20.00	2.00
				034622	20.00	22.00	2.00
				034623	22.00	24.00	2.00
				034624	24.00	26.00	2.00
				034625	26.00	28.00	2.00
				034626	28.00	30.00	2.00
				034627	30.00	32.00	2.00
31.00	34.00	P*INT	Pervasively oxidized quartz feldspar porpyritic intrusive with abundant black biotite.	034628	32.00	34.00	2.00
				034629	34.00	36.00	2.00
				034630	36.00	38.00	2.00
			NOTE: 40-42m; contains 15% black argillite.	034631	38.00	40.00	2.00
				034632	40.00	42.00	2.00
42.00	48.20	ARG	Black, slightly graphitic argillite; mild	034633	42.00	44.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-608

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			quartz stockwork; very fine grained disseminated pyrite.	034634	44.00	46.00	2.00
				034635	46.00	48.00	2.00
			NOTE: 42-44m; 10% pervasively oxidized quartz-rich, quartz feldspar porphyritic intrusive; remnant biotite; remnant pyrite; minor pervasive hematite; much clay in unwashed, rare quartz eyes.	034636	48.00	50.00	2.00
			NOTE: Interval contains 30% grey, soft mudstone/shale.				
48.20	50.00	INT	Greenish grey siliceous quartz feldspar porphyritic intrusive; blebby and disseminated fine grained pyrite (<3%). Light oxidation on the edges of some chips.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-609
Grid System : ORIGINAL
Collar Eastings : 21946.000
Collar Northings : 19811.800
Collar Elevations : 940.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; occasional quartz eyes; much clay in unwashed split.	034637	2.00	4.00	2.00
				034638	4.00	6.00	2.00
4.80	5.20	P*INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive with black biotite.	034639	6.00	8.00	2.00
8.00	33.00	P*INT	Grey siliceous quartz feldspar porphyritic intrusive with abundant black biotite; mild pervasive oxidiztion in 90% of chips; occasional quartz eyes; much grey clay in unwashed split. NOTE: 14-16m; 50% totally unoxidized. NOTE: 24-33m; 60% totally unoxidized.	034640	8.00	10.00	2.00
				034641	10.00	12.00	2.00
				034642	12.00	14.00	2.00
				034643	14.00	16.00	2.00
				034644	16.00	18.00	2.00
				034645	18.00	20.00	2.00
				034646	20.00	22.00	2.00
				034647	22.00	24.00	2.00
				034648	24.00	26.00	2.00
				034649	26.00	28.00	2.00
				034650	28.00	30.00	2.00
				034651	30.00	32.00	2.00
				034652	32.00	34.00	2.00
33.00	38.10	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; occasional quartz-eyes; much clay in unwashed split.	034653	34.00	36.00	2.00
				034654	36.00	38.00	2.00
				034655	38.00	40.00	2.00
38.10	45.00	ARG	Black and dark grey, slightly graphitic argillite with very fine grained disseminated pyrite; mild limonitic stockwork.	034656	40.00	42.00	2.00
				034657	42.00	44.00	2.00
				034658	44.00	46.00	2.00
45.00	49.00	P*INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive with abun-	034659	46.00	48.00	2.00
				034660	48.00	50.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRL 91-609

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			dant black biotite; some biotite rusted or altered to silvery mica. NOTE: 46-49m; 50% grey, (unoxidized) quatz rich quartz feldspar porphyritic intrusive with blebby and disseminated pyrite; feldspars more competent.				
49.00	51.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; occasional quartz eyes; much clay in unwashed split.	034661	50.00	52.00	2.00
51.00	52.00	ARG	Black graphitic argillite with mild limonitic stockwork and fine grained disseminated pyrite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-610
Grid System : ORIGINAL
Collar Eastings : 21942.900
Collar Northings : 19732.600
Collar Elevations : 905.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	4.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite.	034662	2.00	4.00	2.00
4.00	9.00	ARG	Black argillite with moderate quartz stockwork; abundant fine grained pyrite; 20% of pyrite oxidized; many chip surfaces totally oxidized; grey clay.	034663	4.00	6.00	2.00
				034664	6.00	8.00	2.00
				034665	8.00	10.00	2.00
9.00	25.90	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive remnant biotite; minor hematitic quartz; pervasive carbonate alteration	034666	10.00	12.00	2.00
10.50	11.50	ARG	Black argillite; jagged edeges; surfaces and stockwork strongly limonitic, minor hematite.	034667	12.00	14.00	2.00
				034668	14.00	16.00	2.00
				034669	16.00	18.00	2.00
				034670	18.00	20.00	2.00
19.80	22.00	PINT	Greenish grey, moderately pervasively oxidized quartz feldspar porphyritic intrusive with abundant black biotite.	034671	20.00	22.00	2.00
				034672	22.00	24.00	2.00
				034673	24.00	26.00	2.00
25.90	33.00	PINT	Greenish grey quartz feldspar porphyritic intrusive with abundant black biotite; moderate oxidation of biotite and pyrite. NOTE: 30-33m; 40% bluish grey unoxidized quartz feldspar porphyritic intrusive with black biotite; blebby and disseminated pyrite; rest of chips lightly pervasively oxidized.	034674	26.00	28.00	2.00
				034675	28.00	30.00	2.00
				034676	30.00	32.00	2.00
				034677	32.00	34.00	2.00
33.00	42.00	INT	Pervasively oxidized quartz-rich feldspar porpyritic intrusive; remnant biotite; occasional quartz-eyes; minor hematite.				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-616

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
33.60	34.10	ARG	Black argillite with fine grained disseminated pyrite.	034678	34.00	36.00	2.00
			NOTE: 34.1-36m; contains 5% greenish grey quartz feldspar porphyritic intrusive with abundant black biotite; moderate oxidiztion of biotite and pyrite.	034679	36.00	38.00	2.00
				034680	38.00	40.00	2.00
				034681	40.00	42.00	2.00
			NOTE: 36-38m; contains 5% bluish grey, (unoxidized) intrusive.				
42.00	43.00	ARG	Black argillite with fine grained disseminated pyrite and pyrite stringers; minor limonite.	034682	42.00	44.00	2.00
43.00	48.50	PINT	Siliceous quartz feldspar porphyritic intrusive with abundant black biotite; 50% bluish grey fresh intrusive with minor surfacial oxidation; 50% pervasively oxidized; occasional quartz-eyes.	034683	44.00	46.00	2.00
				034684	46.00	48.00	2.00
				034685	48.00	50.00	2.00
			NOTE: Amount of fresh black biotite decreases towards end of interval; possible gradation into intrusive.				
48.50	50.00	ARG	Black argillite with mild quartz stockwork; fine grained disseminated and stringy pyrite; white clay in some fractures.				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-611
Grid System : ORIGINAL
Collar Eastings : 21945.500
Collar Northings : 19787.900
Collar Elevations : 928.800
Collar Bearing : 358.00
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	24.00	F-INT	Limonitic quartz-rich, quartz feldspar porphyritic intrusive with abundant black biotite.	034686	2.00	4.00	2.00
				034687	4.00	6.00	2.00
				034688	6.00	8.00	2.00
			NOTE: 6-16m; contains up to 50% patchy unoxidized fresh intrusive; bluish grey with trace fine grained pyrite.	034689	8.00	10.00	2.00
				034690	10.00	12.00	2.00
				034691	12.00	14.00	2.00
			NOTE: 18-20m; contains 2% black argillite.	034692	14.00	16.00	2.00
				034693	16.00	18.00	2.00
				034694	18.00	20.00	2.00
				034695	20.00	22.00	2.00
				034696	22.00	24.00	2.00
24.00	39.90	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive with remnant biotite; minor hematite; occasional quartz eyes.	034697	24.00	26.00	2.00
				034698	26.00	28.00	2.00
				034699	28.00	30.00	2.00
29.20	31.00	ARG	Black argillite with limonitic stockwork; fine grained disseminated and stringers of pyrite; white clay.	034700	30.00	32.00	2.00
				034701	32.00	34.00	2.00
				034702	34.00	36.00	2.00
				034703	36.00	38.00	2.00
				034704	38.00	40.00	2.00
39.90	46.20	F-INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive with abundant black biotite; up to 40% bluish grey unoxidized fresh intrusive with fine grained blebby and disseminated pyrite.	034705	40.00	42.00	2.00
41.90	43.00	ARG	Black argillite with limonitic stockwork fine grained disseminated and stringers of pyrite; white clay.	034706	42.00	44.00	2.00
				034707	44.00	46.00	2.00
				034708	46.00	48.00	2.00
46.20	50.00	ARG	Black argillite with fine grained disseminated pyrite; some pyrite oxidized; mild	034709	48.00	50.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-611

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			quartz stockwork; slightly graphitic.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-612
Grid System : ORIGINAL
Collar Eastings : 22137.500
Collar Northings : 19980.200
Collar Elevations : 930.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	11.00	SEDS	Grey, fissile, soft mudstone and siltstone.				
2.00	4.00		15% limonitic, siliceous intrusive.	034710	2.00	4.00	2.00
4.00	6.00		10% clay balls.	034711	4.00	6.00	2.00
				034712	6.00	8.00	2.00
				034713	8.00	10.00	2.00
				034714	10.00	12.00	2.00
11.00	28.00	ARG	Black cherty argillite with minor stockworking, oxidized pyritic fracture surfaces, and occasional finely disseminated pyrite.	034715	12.00	14.00	2.00
				034716	14.00	16.00	2.00
				034717	16.00	18.00	2.00
				034718	18.00	20.00	2.00
				034719	20.00	22.00	2.00
				034720	22.00	24.00	2.00
23.80	25.00	INT	Limonitic intrusive with intense argillic alteration.	034721	24.00	26.00	2.00
				034722	26.00	28.00	2.00
28.00	38.00	SEDS	Dark grey to black, fissile shale with pyrite stringers and disseminated pyrite.	034723	28.00	30.00	2.00
				034724	30.00	32.00	2.00
				034725	32.00	34.00	2.00
				034726	34.00	36.00	2.00
				034727	36.00	38.00	2.00
38.00	50.00	ARG	Black, siliceous argillite with occasional disseminated pyrite, pyrite stringers, and chips with almost complete pyrite replacement.	034728	38.00	40.00	2.00
				034729	40.00	42.00	2.00
				034730	42.00	44.00	2.00
				034731	44.00	46.00	2.00
				034732	46.00	48.00	2.00
				034733	48.00	50.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-613
Grid System : ORIGINAL
Collar Eastings : 22928.400
Collar Northings : 19851.000
Collar Elevations : 820.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	27.00	INT	Limonitic, siliceous itnrusive with moderate argillic alteration, minor quartz stockworking, frequent clear quartz eyes, and coarsely disseminated pyrite where less oxidized.				
2.00	3.00	F=INT	Small black biotites in limonitic greenish grey intrusive.	034734	2.00	4.00	2.00
				034735	4.00	6.00	2.00
				034736	6.00	8.00	2.00
				034737	8.00	10.00	2.00
				034738	10.00	12.00	2.00
				034739	12.00	14.00	2.00
				034740	14.00	16.00	2.00
				034741	16.00	18.00	2.00
				034742	18.00	20.00	2.00
				034743	20.00	22.00	2.00
				034744	22.00	24.00	2.00
				034745	24.00	26.00	2.00
				034746	26.00	28.00	2.00
27.00	36.00	ARG	Black, siliceous to fissile argillite with occasional disseminated pyrite.				
27.00	28.00		15% clay balls.	034747	28.00	30.00	2.00
				034748	30.00	32.00	2.00
31.00	32.30	QFP	Pyritic, slightly limonitic porphyritic intrusive.	034749	32.00	34.00	2.00
				034750	34.00	36.00	2.00
36.00	39.40	QFP	Porphyritic intrusive with minor quartz stockworking and abundant coarsely disseminated pyrite.	034751	36.00	38.00	2.00
				034752	38.00	40.00	2.00
39.40	50.00	ARG	Black, siliceous to fissile argillite with minor stockwork and abundant finely and coarsely disseminated pyrite.	034753	40.00	42.00	2.00
				034754	42.00	44.00	2.00
				034755	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-613

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034756	46.00	48.00	2.00
				034757	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-614
Grid System : ORIGINAL
Collar Eastings : 22985.900
Collar Northings : 19890.600
Collar Elevations : 821.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	40.00	SEDS	Soft, fissile, grey to black, slightly oxidized mudstone and shale.	034758	2.00	4.00	2.00
				034759	4.00	6.00	2.00
				034760	6.00	8.00	2.00
				034761	8.00	10.00	2.00
				034762	10.00	12.00	2.00
				034763	12.00	14.00	2.00
				034764	14.00	16.00	2.00
				034765	16.00	18.00	2.00
				034766	18.00	20.00	2.00
				034767	20.00	22.00	2.00
				034768	22.00	24.00	2.00
				034769	24.00	26.00	2.00
				034770	26.00	28.00	2.00
				034771	28.00	30.00	2.00
				034772	30.00	32.00	2.00
				034773	32.00	34.00	2.00
				034774	34.00	36.00	2.00
				034775	36.00	38.00	2.00
				034776	38.00	40.00	2.00
40.00	60.00	AEG	Black, siliceous argillite with white bull quartz stockworking and frequent disseminated pyrite. NOTE: At 50m, argillite begins to have graphitic surfaces, at 58m, argillite is very graphitic.	034777	40.00	42.00	2.00
				034778	42.00	44.00	2.00
				034779	44.00	46.00	2.00
				034780	46.00	48.00	2.00
				034781	48.00	50.00	2.00
				034782	50.00	52.00	2.00
				034783	52.00	54.00	2.00
				034784	54.00	56.00	2.00
				034785	56.00	58.00	2.00
				034786	58.00	60.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-615
Grid System : ORIGINAL
Collar Eastings : 22984.000
Collar Northings : 19850.400
Collar Elevations : 813.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	CASING	Casing				
2.00	4.00		No sample				
4.00	30.00	SEDS	Dark grey mudstone to shale with occas-	034787	4.00	6.00	2.00
			ional chips of argillite.	034788	6.00	8.00	2.00
6.50	8.40	INT	Limonitic intrusive with moderate argillic	034789	8.00	10.00	2.00
			alteration and frequent sericite.	034790	10.00	12.00	2.00
				034791	12.00	14.00	2.00
				034792	14.00	16.00	2.00
				034793	16.00	18.00	2.00
				034794	18.00	20.00	2.00
				034795	20.00	22.00	2.00
				034796	22.00	24.00	2.00
				034797	24.00	26.00	2.00
				034798	26.00	28.00	2.00
				034799	28.00	30.00	2.00
30.00	60.00	ARG	Black, fissile to siliceous argillite with	034800	30.00	32.00	2.00
			occasional bull quartz stockwork and gra-	034801	32.00	34.00	2.00
			phitic surfaces. Percent of graphite in-	034802	34.00	36.00	2.00
			creases downhole. Argillite has finely	034803	36.00	38.00	2.00
			disseminated pyrite, pyrite blebs, and	034804	38.00	40.00	2.00
			occasional chips completely replaced with	034805	40.00	42.00	2.00
			pyrite.	034806	42.00	44.00	2.00
				034807	44.00	46.00	2.00
				034808	46.00	48.00	2.00
				034809	48.00	50.00	2.00
				034810	50.00	52.00	2.00
				034811	52.00	54.00	2.00
				034812	54.00	56.00	2.00
				034813	56.00	58.00	2.00
				034814	58.00	60.00	2.00

BORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-616
Grid System : ORIGINAL
Collar Eastings : 22987.100
Collar Northings : 19806.400
Collar Elevations : 809.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	8.00	CASING	Casing				
2.00	8.00		No sample				
8.00	10.40	ARG	Black, siliceous argillite with minor quartz stockwork.	034815	8.00	10.00	2.00
				034816	10.00	12.00	2.00
10.40	17.00	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034817	12.00	14.00	2.00
				034818	14.00	16.00	2.00
				034819	16.00	18.00	2.00
17.00	34.00	ARG	Black fissile to siliceous argillite with minor quartz stockwork. Occasional grey shale up to 10% throughout. Becomes increasingly graphitic starting at 26m.	034820	18.00	20.00	2.00
18.60	19.40	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034821	20.00	22.00	2.00
20.70	21.30	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034822	22.00	24.00	2.00
22.50	23.50	INT	Limonitic intrusive wtih occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong agillic alteration.	034823	24.00	26.00	2.00
24.90	25.10	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034824	26.00	28.00	2.00
26.90	27.90	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034825	28.00	30.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-616

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
28.90	29.90	INT	Limonitic intrusive with occasional quartz eyes and sericite. Minor quartz stockwork and moderate to strong argillic alteration.	034826	30.00	32.00	2.00
				034827	32.00	34.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-617
Grid System : ORIGINAL
Collar Eastings : 23146.100
Collar Northings : 19374.800
Collar Elevations : 816.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	16.00	INT	Limonitic, porphyritic intrusive with trace amounts coarsely disseminated pyrite NOTE: 14-16m; has large pyrite cubes and frequent quartz stockworking.	034828	2.00	4.00	2.00
2.70	3.30	ARG	Cherty, black argillite.	034829	4.00	6.00	2.00
				034830	6.00	8.00	2.00
				034831	8.00	10.00	2.00
8.60	9.40	ARG	Cherty, black argillite with quartz stock-work.	034832	10.00	12.00	2.00
12.00	16.00		Abundant manganese oxide.	034833	12.00	14.00	2.00
				034834	14.00	16.00	2.00
16.00	22.00	ARG	Cherty, black argillite with minor quartz stockwork. 16-19m contains abundant brown chert.	034835	16.00	18.00	2.00
				034836	18.00	20.00	2.00
				034837	20.00	22.00	2.00
22.00	45.00	INT	Pervasively limonitic, porphyritic intru-sive with coarsely disseminated pyrite and occasional quartz stockworking moderate to high argillite alteration.	034838	22.00	24.00	2.00
				034839	24.00	26.00	2.00
				034840	26.00	28.00	2.00
				034841	28.00	30.00	2.00
				034842	30.00	32.00	2.00
				034843	32.00	34.00	2.00
				034844	34.00	36.00	2.00
35.00	37.00	P*INT	Greenish brown black biotite-rich intru-sive.	034845	36.00	38.00	2.00
				034846	38.00	40.00	2.00
38.50	39.50	CHERT	Brownish aphanitic chert.	034847	40.00	42.00	2.00
				034848	42.00	44.00	2.00
				034849	44.00	46.00	2.00
45.00	50.00	SEDS	Light grey to black, sometimes banded, chert. Has occasional coarsely dissemin-ated pyrite and quartz stockwork.	034850	46.00	48.00	2.00
				034851	48.00	50.00	2.00

MORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-618
Grid System : ORIGINAL
Collar Eastings : 23147.900
Collar Northings : 19346.000
Collar Elevations : 820.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	7.00	SEDS	Black, fissile, soft shale with quartz stockworking.	034852	2.00	4.00	2.00
				034853	4.00	6.00	2.00
				034854	6.00	8.00	2.00
7.00	30.00	INT	Limonitic intrusive with quartz stockwork and coarsely disseminated pyrite.	034855	8.00	10.00	2.00
8.70	9.30	ARG	Black, siliceous argillite.	034856	10.00	12.00	2.00
				034857	12.00	14.00	2.00
				034858	14.00	16.00	2.00
				034859	16.00	18.00	2.00
18.00	20.00		Intrusive is brownish and very sericite-rich.	034860	18.00	20.00	2.00
20.00	22.00		50% unoxidized intrusive.	034861	20.00	22.00	2.00
22.00	24.00		1% massive stibnite, abundant stockwork.	034862	22.00	24.00	2.00
				034863	24.00	26.00	2.00
24.90	25.10	ARG	Black, siliceous, pyritic argillite.	034864	26.00	28.00	2.00
				034865	28.00	30.00	2.00
30.00	38.20	QFP	White porphyry with abundant coarsely disseminated pyrite blebs and moderate quartz stockwork.	034866	30.00	32.00	2.00
				034867	32.00	34.00	2.00
34.00	36.00		3% massive stibnite.	034868	34.00	36.00	2.00
				034869	36.00	38.00	2.00
				034870	38.00	40.00	2.00
38.20	41.00	ARG	Black, cherty argillite with coarsely disseminated pyrite and chips of massive pyrite.	034871	40.00	42.00	2.00
41.00	48.20	QFP	White porphyry with abundant coarsely disseminated pyrite and quartz stockwork.	034872	42.00	44.00	2.00
				034873	44.00	46.00	2.00
				034874	46.00	48.00	2.00
				034875	48.00	50.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-618

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
48.20	50.00	F^INT	Grey, black biotite-rich porphyritic intrusive with weak argillic alteration.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-619
Grid System : ORIGINAL
Collar Eastings : 23418.400
Collar Northings : 19338.400
Collar Elevations : 850.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	22.00	INT	Brownish orange intrusive with weakly altered feldspars, occasional disseminated pyrite, and fine grained matrix.	034876	2.00	4.00	2.00
				034877	4.00	6.00	2.00
				034878	6.00	8.00	2.00
				034879	8.00	10.00	2.00
				034880	10.00	12.00	2.00
				034881	12.00	14.00	2.00
				034882	14.00	16.00	2.00
				034883	16.00	18.00	2.00
				034884	18.00	20.00	2.00
				034885	20.00	22.00	2.00
22.00	30.75	F*INT	Greyish brown black biotite-rich intrusive	034886	22.00	24.00	2.00
				034887	24.00	26.00	2.00
				034888	26.00	28.00	2.00
				034889	28.00	30.00	2.00
				034890	30.00	32.00	2.00
30.75	34.00	ARG	Black, siliceous, stockworked argillite.	034891	32.00	34.00	2.00
34.00	41.00	F*INT	Limonitic intrusive with sparse black biotites.	034892	34.00	36.00	2.00
				034893	36.00	38.00	2.00
				034894	38.00	40.00	2.00
				034895	40.00	42.00	2.00
41.00	53.00	INT	Limonitic, siliceous intrusive with occasional unoxidized pyrite, abundant manganese oxide, and minor grey quartz stockwork.	034896	42.00	44.00	2.00
				034897	44.00	46.00	2.00
				034898	46.00	48.00	2.00
				034899	48.00	50.00	2.00
				034900	50.00	52.00	2.00
				034901	52.00	54.00	2.00
53.00	58.00	ARG	Cherty, black, graphitic argillite with quartz stockwork.	034902	54.00	56.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-619

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
54.80	55.20	INT	Limonitic siliceous intrusive.	034903	56.00	58.00	2.00
56.90	57.10	INT	Limonitic siliceous intrusive.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-620
Grid System : ORIGINAL
Collar Eastings : 22926.700
Collar Northings : 19456.900
Collar Elevations : 772.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 64.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	4.00	ARG	Black cherty argillite with 40% grey to tan chert.	034904	2.00	4.00	2.00
4.00	27.00	F*INT	Greenish grey to brown, black biotite-rich intrusive.				
4.00	6.00		50% biotites altered to sericite, trace blebs of pyrite.	034905	4.00	6.00	2.00
				034906	6.00	8.00	2.00
				034907	8.00	10.00	2.00
				034908	10.00	12.00	2.00
				034909	12.00	14.00	2.00
14.00	17.00	INT	Limonitic intrusive with moderate argillic alteration and occasional blebs of pyrite.	034910	14.00	16.00	2.00
				034911	16.00	18.00	2.00
				034912	18.00	20.00	2.00
				034913	20.00	22.00	2.00
				034914	22.00	24.00	2.00
				034915	24.00	26.00	2.00
				034916	26.00	28.00	2.00
27.00	64.00	QFP	White porphyritic intrusive with abundant coarsely disseminated pyrite and minor stockwork. Pyrite and stockwork amounts drop after 48m. Argillic alteration moderate.				
27.00	28.00		5% siliceous black argillite.	034917	28.00	30.00	2.00
				034918	30.00	32.00	2.00
				034919	32.00	34.00	2.00
				034920	34.00	36.00	2.00
				034921	36.00	38.00	2.00
				034922	38.00	40.00	2.00
				034923	40.00	42.00	2.00
				034924	42.00	44.00	2.00
				034925	44.00	46.00	2.00
				034926	46.00	48.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-620

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034927	48.00	50.00	2.00
				034928	50.00	52.00	2.00
				034929	52.00	54.00	2.00
				034930	54.00	56.00	2.00
				034931	56.00	58.00	2.00
				034932	58.00	60.00	2.00
				034933	60.00	62.00	2.00
				034934	62.00	64.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-021
Grid System : ORIGINAL
Collar Eastings : 23418.000
Collar Northings : 19311.000
Collar Elevations : 855.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	16.40	ARG	Black, siliceous, stockworked argillite with yellow fracture surface coating.	034935	2.00	4.00	2.00
				034936	4.00	6.00	2.00
				034937	6.00	8.00	2.00
				034938	8.00	10.00	2.00
				034939	10.00	12.00	2.00
				034940	12.00	14.00	2.00
				034941	14.00	16.00	2.00
				034942	16.00	18.00	2.00
16.40	70.00	INT	Limonitic, siliceous intrusive with weak to moderate argillic alteration, occasional disseminated pyrite, and minor quartz stockwork.	034943	18.00	20.00	2.00
				034944	20.00	22.00	2.00
				034945	22.00	24.00	2.00
				034946	24.00	26.00	2.00
				034947	26.00	28.00	2.00
				034948	28.00	30.00	2.00
				034949	30.00	32.00	2.00
				034950	32.00	34.00	2.00
				034951	34.00	36.00	2.00
				034952	36.00	38.00	2.00
				034953	38.00	40.00	2.00
				034954	40.00	42.00	2.00
				034955	42.00	44.00	2.00
				034956	44.00	46.00	2.00
				034957	46.00	48.00	2.00
				034958	48.00	50.00	2.00
				034959	50.00	52.00	2.00
				034960	52.00	54.00	2.00
				034961	54.00	56.00	2.00
				034962	56.00	58.00	2.00
				034963	58.00	60.00	2.00
				034964	60.00	62.00	2.00
				034965	62.00	64.00	2.00
				034966	64.00	66.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-621

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				034967	66.00	68.00	2.00
				034968	68.00	70.00	2.00

N O R A N D A E X P L O R A T I O N C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-622
Grid System : ORIGINAL
Collar Eastings : 23420.200
Collar Northings : 19258.600
Collar Elevations : 872.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	20.00	SEDS	Grey to black, soft, fissile shale with limonitic fracture surfaces.	034969	2.00	4.00	2.00
3.50	5.00	INT	Limonitic stockworked intrusive.	034970	4.00	6.00	2.00
6.00	8.00		Contains frequent red cinnibar (?) staining.	034971	6.00	8.00	2.00
				034972	8.00	10.00	2.00
				034973	10.00	12.00	2.00
				034974	12.00	14.00	2.00
				034975	14.00	16.00	2.00
				034976	16.00	18.00	2.00
				034977	18.00	20.00	2.00
20.00	39.00	ARG	Black siliceous, sometimes fissile stockworked argillite with occasional graphitic surfaces.	034978	20.00	22.00	2.00
				034979	22.00	24.00	2.00
				034980	24.00	26.00	2.00
26.00	28.00		5% red, siliceous intrusive.	034981	26.00	28.00	2.00
28.00	39.00		Argillite has minor finely to medium disseminated pyrite.	034982	28.00	30.00	2.00
				034983	30.00	32.00	2.00
				034984	32.00	34.00	2.00
				034985	34.00	36.00	2.00
				034986	36.00	38.00	2.00
				034987	38.00	40.00	2.00
39.00	52.00	QFP	White to grey porphyritic intrusive with coarsely disseminated pyrite and occasional quartz stockwork.	034988	40.00	42.00	2.00
40.30	41.70	ARG	Black to grey, cherty, stockworked argillite.	034989	42.00	44.00	2.00
				034990	44.00	46.00	2.00
46.00	48.00		Feldsars occasionaly have bright green alteration.	034991	46.00	48.00	2.00
				034992	48.00	50.00	2.00
				034993	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-623
Grid System : ORIGINAL
Collar Eastings : 23417.900
Collar Northings : 19354.600
Collar Elevations : 850.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	INT	Pervasively limonitic intrusive with high manganese oxide content.	034994	2.00	4.00	2.00
3.00	4.80	ARG	Black, siliceous stockworked argillite.	034995	4.00	6.00	2.00
				034996	6.00	8.00	2.00
8.00	44.00	F*INT	Greenish grey to brownish orange black biotite porphyry.	034997	8.00	10.00	2.00
				034998	10.00	12.00	2.00
				034999	12.00	14.00	2.00
				035000	14.00	16.00	2.00
				035001	16.00	18.00	2.00
				035002	18.00	20.00	2.00
				035003	20.00	22.00	2.00
				035004	22.00	24.00	2.00
24.00	28.00		Biotites altered to sericite.	035005	24.00	26.00	2.00
				035006	26.00	28.00	2.00
				035007	28.00	30.00	2.00
30.00	32.00		Biotites altered to sericite.	035008	30.00	32.00	2.00
				035009	32.00	34.00	2.00
				035010	34.00	36.00	2.00
36.00	38.00		Biotites altered to sericite.	035011	36.00	38.00	2.00
				035012	38.00	40.00	2.00
				035013	40.00	42.00	2.00
				035014	42.00	44.00	2.00
44.00	58.00	INT	Sericite-rich limonitic intrusive with abundant manganese oxide.	035015	44.00	46.00	2.00
				035016	46.00	48.00	2.00
				035017	48.00	50.00	2.00
				035018	50.00	52.00	2.00
				035019	52.00	54.00	2.00
				035020	54.00	56.00	2.00
				035021	56.00	58.00	2.00
57.00	58.00	ARG	Black cherty stockworked argillite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-624
Grid System : ORIGINAL
Collar Eastings : 16271.000
Collar Northings : 21743.100
Collar Elevations : 774.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 54.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	10.00	F*INT	Greenish to limonitic black biotite-rich intrusive. Frequent alteration of biotites to sericite from 8-10m.	035022	2.00	4.00	2.00
				035023	4.00	6.00	2.00
				035024	6.00	8.00	2.00
7.00	8.70	ARG	Balck, cherty argillite with limonitic fracture surfaces.	035025	8.00	10.00	2.00
10.00	32.40	ARG	Cherty, black, stockworked argillite. Interval has high amount of clay with very fine black grains in it. From 26 to 32.4m argillite becomes less siliceous and more fissile. Minor graphite present from 30-32.4m.	035026	10.00	12.00	2.00
				035027	12.00	14.00	2.00
				035028	14.00	16.00	2.00
				035029	16.00	18.00	2.00
				035030	18.00	20.00	2.00
				035031	20.00	22.00	2.00
				035032	22.00	24.00	2.00
				035033	24.00	26.00	2.00
				035034	26.00	28.00	2.00
				035035	28.00	30.00	2.00
				035036	30.00	32.00	2.00
				035037	32.00	34.00	2.00
32.40	39.00	F*INT	Limonitic black biotite-rich intrusive.	035038	34.00	36.00	2.00
34.50	35.50	ARG	Black, cherty limonitic argillite.	035039	36.00	38.00	2.00
				035040	38.00	40.00	2.00
39.00	49.00	ARG	Black, siliceous, occasionally fissile argillite with limonitic fracture surfaces	035041	40.00	42.00	2.00
				035042	42.00	44.00	2.00
				035043	44.00	46.00	2.00
45.80	47.00	INT	Pervasively limonitic very fine grained intrusive.	035044	46.00	48.00	2.00
				035045	48.00	50.00	2.00
49.00	52.00	F*INT	Limonitic black biotite-rich intrusive.	035046	50.00	52.00	2.00
52.00	54.00	ARG	Black, cherty, limonitic argillite.	035047	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-625
Grid System : ORIGINAL
Collar Eastings : 16271.100
Collar Northings : 21711.600
Collar Elevations : 774.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -40.0
Grid Bearing : 194.0
Final Depth : 50.0
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casingz				
2.00	12.00	INT	Pervasively limonitic fine grained siliceous intrusive with no apparent feldspar phenocrysts.				
2.00	3.20	ARG	Black, cherty, limonitic argillite.	035048	2.00	4.00	2.00
				035049	4.00	6.00	2.00
				035050	6.00	8.00	2.00
				035051	8.00	10.00	2.00
9.00	11.00	SEDS	Soft, light grey phyllitic shale.	035052	10.00	12.00	2.00
12.00	16.40	ARG	Black cherty argillite with quartz stockwork.				
12.00	14.00		Very clay-rich interval.	035053	12.00	14.00	2.00
				035054	14.00	16.00	2.00
				035055	16.00	18.00	2.00
16.40	28.20	PINT	Limonitic, black biotite-rich intrusive with occasional stockworking.	035056	18.00	20.00	2.00
				035057	20.00	22.00	2.00
				035058	22.00	24.00	2.00
				035059	24.00	26.00	2.00
				035060	26.00	28.00	2.00
				035061	28.00	30.00	2.00
28.20	50.00	ARG	Black, cherty, stockworked argillite with limonitic fracture surfaces.	035062	30.00	32.00	2.00
				035063	32.00	34.00	2.00
34.00	40.00		Argillite is brown and soft, possibly sheared.	035064	34.00	36.00	2.00
				035065	36.00	38.00	2.00
				035066	38.00	40.00	2.00
40.00	50.00		Few chips, mostly brown clay with very fine black grains.	035067	40.00	42.00	2.00
				035068	42.00	44.00	2.00
				035069	44.00	46.00	2.00
				035070	46.00	48.00	2.00
				035071	48.00	50.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-626
Grid System : ORIGINAL
Collar Eastings : 16270.500
Collar Northings : 21848.400
Collar Elevations : 768.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	18.80	INT	Pervasively limonitic intrusive with moderate to high argillic alteration.	035072	2.00	4.00	2.00
			NOTE: 12-18m; very silicified and stockworked, with 14-16m almost all orange quartz stockwork.	035073	4.00	6.00	2.00
				035074	6.00	8.00	2.00
				035075	8.00	10.00	2.00
				035076	10.00	12.00	2.00
				035077	12.00	14.00	2.00
12.50	13.50	ARG	Black, cherty, intensely stockworked argillite.	035078	14.00	16.00	2.00
				035079	16.00	18.00	2.00
				035080	18.00	20.00	2.00
18.80	52.00	ARG	Black, cherty, stockworked argillite.				
18.80	24.00		Argillite has intense white quartz stockwork.	035081	20.00	22.00	2.00
				035082	22.00	24.00	2.00
			NOTE: Graphitic surfaces apparent from 32-52m.	035083	24.00	26.00	2.00
				035084	26.00	28.00	2.00
				035085	28.00	30.00	2.00
				035086	30.00	32.00	2.00
				035087	32.00	34.00	2.00
				035088	34.00	36.00	2.00
				035089	36.00	38.00	2.00
				035090	38.00	40.00	2.00
				035091	40.00	42.00	2.00
				035092	42.00	44.00	2.00
				035093	44.00	46.00	2.00
				035094	46.00	48.00	2.00
				035095	48.00	50.00	2.00
				035096	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCKC 91-627
Grid System : ORIGINAL
Collar Eastings : 16271.400
Collar Northings : 21820.700
Collar Elevations : 769.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	13.00	ARG	Black, cherty, stockworked argillite.	035097	2.00	4.00	2.00
				035098	4.00	6.00	2.00
				035099	6.00	8.00	2.00
6.60	7.40	INT	Pervasively limonitic, siliceous intrusive.	035100	8.00	10.00	2.00
8.80	9.20	INT	Pervasevely limonitic, siliceous intrusive.	035101	10.00	12.00	2.00
10.50	11.50	INT	Limonitic intrusive with frequent alteration of biotites to chlorite rather than sericite.	035102	12.00	14.00	2.00
13.00	17.00	F*INT	Brownish, limonitic black biotite-rich intrusive with occasional quartz eyes.	035103	14.00	16.00	2.00
				035104	16.00	18.00	2.00
17.00	33.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.	035105	18.00	20.00	2.00
				035106	20.00	22.00	2.00
				035107	22.00	24.00	2.00
				035108	24.00	26.00	2.00
26.00	30.00		Higher argillic alteration and silicification.	035109	26.00	28.00	2.00
				035110	28.00	30.00	2.00
				035111	30.00	32.00	2.00
30.20	31.80	F*INT	Brownish orange black biotite-rich intrusive.	035112	32.00	34.00	2.00
33.00	50.00	ARG	Black, cherty, stockworked, slightly graphitic argillite.	035113	34.00	36.00	2.00
34.50	35.50	INT	Siliceous intrusive with intense orange quartz stockworking.	035114	36.00	38.00	2.00
36.80	37.20	INT	Limonitic siliceous intrusive.	035115	38.00	40.00	2.00
			NOTE: In 36-38m interval are traces of kermesite(?) associated with quartz stockworking.	035116	40.00	42.00	2.00
				035117	42.00	44.00	2.00
				035118	44.00	46.00	2.00
				035119	46.00	48.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-627

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				035120	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-528
Grid System : ORIGINAL
Collar Eastings : 16268.900
Collar Northings : 21874.100
Collar Elevations : 766.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	52.00	ARG	Black, siliceous argillite with strong quartz stockwork and abundant fine grained disseminated pyrite. Minor oxidation on some fracture surfaces; minor graphitic sections. NOTE: At 24m; contains 50% limonitic, quartz rich porphyritic intrusive. NOTE: At 10-13m; dark grey to black unsilicified argillite with abundant fine grained disseminated pyrite; grey and tan clay.	035121	2.00	4.00	2.00
				035122	4.00	6.00	2.00
				035123	6.00	8.00	2.00
				035124	8.00	10.00	2.00
				035125	10.00	12.00	2.00
				035126	12.00	14.00	2.00
				035127	14.00	16.00	2.00
				035128	16.00	18.00	2.00
				035129	18.00	20.00	2.00
				035130	20.00	22.00	2.00
				035131	22.00	24.00	2.00
				035132	24.00	26.00	2.00
				035133	26.00	28.00	2.00
				035134	28.00	30.00	2.00
				035135	30.00	32.00	2.00
				035136	32.00	34.00	2.00
				035137	34.00	36.00	2.00
				035138	36.00	38.00	2.00
				035139	38.00	40.00	2.00
				035140	40.00	42.00	2.00
				035141	42.00	44.00	2.00
				035142	44.00	46.00	2.00
				035143	46.00	48.00	2.00
				035144	48.00	50.00	2.00
				035145	50.00	52.00	2.00

NORANDA EXPLORATION (

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-629
Grid System : ORIGINAL
Collar Eastings : 17847.200
Collar Northings : 20467.100
Collar Elevations : 847.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	22.00	GRWK	Purplish-grey, fine grained, sandy textured greywacke with very fine grained disseminated pyrite; abundant tan coloured clay; greywacke has clay-rich matrix and is easily scratched; interval contains 10% hematitic quartz.	035146	2.00	4.00	2.00
				035147	4.00	6.00	2.00
				035148	6.00	8.00	2.00
				035149	8.00	10.00	2.00
				035150	10.00	12.00	2.00
				035151	12.00	14.00	2.00
				035152	14.00	16.00	2.00
				035153	16.00	18.00	2.00
				035154	18.00	20.00	2.00
19.80	22.00	INT	Strongly pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive.	035155	20.00	22.00	2.00
22.00	38.80	MUDS	Dark grey mudstone with fine grained disseminated pyrite; stratification (or schistosity) evident; moderate pervasive oxidation (limonite and hematite); very soft to scratch; abundant grey, tan and orange clay.	035156	22.00	24.00	2.00
				035157	24.00	26.00	2.00
				035158	26.00	28.00	2.00
				035159	28.00	30.00	2.00
				035160	30.00	32.00	2.00
				035161	32.00	34.00	2.00
				035162	34.00	36.00	2.00
				035163	36.00	38.00	2.00
				035164	38.00	40.00	2.00
38.80	60.50	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; moderate to strong clay alteration; remnant biotite; occasional quartz eyes; minor limonitic stockwork. NOTE: At 38.8-41m; very siliceous; combination of limonitic quartz grey cryptocrystalline quartz cut with parallel grey (sulphide?) veinlets; abundant fine grained disseminated pyrite.	035165	40.00	42.00	2.00
				035166	42.00	44.00	2.00
				035167	44.00	46.00	2.00
				035168	46.00	48.00	2.00
				035169	48.00	50.00	2.00
				035170	50.00	52.00	2.00
				035171	52.00	54.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-629

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			NOTE: At 48-52m; 15% black pyritic agillite and 10% large chunks of cryptocrystalline quartz with thin black (sulphide-rich?) stringers.				
52.50	53.50		Black silicified pyritic argillite with abundant quartz stockwork.	035172	54.00	56.00	2.00
				035173	56.00	58.00	2.00
				035174	58.00	60.00	2.00
				035175	60.00	62.00	2.00
60.50	70.00	ARG	Black argillite; moderate to strong quartz stockwork graphitic; abundant fine grained disseminated pyrite.	035176	62.00	64.00	2.00
				035177	64.00	66.00	2.00
				035178	66.00	68.00	2.00
			NOTE: At 62-66m; contains 10% pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; moderate to strong clay alteration; remnant biotite; occasional quartz eyes; minor limonitic stockwork.	035179	68.00	70.00	2.00
			NOTE: At 68-70m; 50% grey very pyritic fine grained quartz (quartzite?).				

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-630
Grid System : ORIGINAL
Collar Eastings : 17848.400
Collar Northings : 20441.300
Collar Elevations : 844.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	52.00	SEDS	Grey fine grained greywacke with fine grained disseminated pyrite; dark grey fine grained tuff with fine grained disseminated pyrite; limonitic quartz-rich sandstone and fine grained mudstone. NOTE: At 16-18m; oxidation of pyrite (rock is spotted with rust). NOTE: At 28-38m; oxidation of pyrite (rock is spotted with rust). NOTE: At 36-42m; limonitic quartz-rich sandstone; fine grained slightly limonitic quartzite; with up to 50% larger chips of grey - orangish cryptocrystalline quartz with very fine dark grey bands (fine grained sulphide?). NOTE: At 42-44m; 90% opaque grey to orange cryptocrystalline quartz chips (chert pebble conglomerate?). NOTE: At 44-46m; 5% black, siliceous pyritic argillite with quartz stockwork. NOTE: At 46-52m; 50% quartz (chert-pebble conglomerate?).	035180	2.00	4.00	2.00
				035181	4.00	6.00	2.00
				035182	6.00	8.00	2.00
				035183	8.00	10.00	2.00
				035184	10.00	12.00	2.00
				035185	12.00	14.00	2.00
				035186	14.00	16.00	2.00
				035187	16.00	18.00	2.00
				035188	18.00	20.00	2.00
				035189	20.00	22.00	2.00
				035190	22.00	24.00	2.00
				035191	24.00	26.00	2.00
				035192	26.00	28.00	2.00
				035193	28.00	30.00	2.00
				035194	30.00	32.00	2.00
				035195	32.00	34.00	2.00
				035196	34.00	36.00	2.00
				035197	36.00	38.00	2.00
				035198	38.00	40.00	2.00
				035199	40.00	42.00	2.00
				035200	42.00	44.00	2.00
				035201	44.00	46.00	2.00
				035202	46.00	48.00	2.00
				035203	48.00	50.00	2.00
				035204	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-631
Grid System : ORIGINAL
Collar Eastings : 17848.200
Collar Northings : 20413.000
Collar Elevations : 841.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	4.00	OVBD	Overburden; mixed lithologies.	035205	2.00	4.00	2.00
4.00	52.00	SEDS	Dark grey gritty fine grained greywacke	035206	4.00	6.00	2.00
			with fine grained disseminated sulphide	035207	6.00	8.00	2.00
			10% orange very fine grained sandstone and	035208	8.00	10.00	2.00
			20% purplish grey laminated tuff with fine	035209	10.00	12.00	2.00
			grained disseminated sulphide (pyrite);	035210	12.00	14.00	2.00
			oxidation of sulphide in many chips.	035211	14.00	16.00	2.00
			NOTE: At 8-12m; quartz pebble conglomerate	035212	16.00	18.00	2.00
			interval composed of cryptocrystal-	035213	18.00	20.00	2.00
			line quartz clasts; some opaque,	035214	20.00	22.00	2.00
			some transluscent; many cemented	035215	22.00	24.00	2.00
			toghether (looks like a coarse-	035216	24.00	26.00	2.00
			grained clast-supported quartz sand-	035217	26.00	28.00	2.00
			stoe).	035218	28.00	30.00	2.00
			NOTE: At 12-14m predominantly soft, grey,	035219	30.00	32.00	2.00
			fissile mudstone; abundant grey clay	035220	32.00	34.00	2.00
			NOTE: At 42-52m; up to 50% quartz pebble	035221	34.00	36.00	2.00
			conglomerate; interval composed of	035222	36.00	38.00	2.00
			cryptocrystalline quartz clasts;	035223	38.00	40.00	2.00
			some opaque, some transluscent; many	035224	40.00	42.00	2.00
			cemented together (looks like a	035225	42.00	44.00	2.00
			coarse-grained clast-supported	035226	44.00	46.00	2.00
			quartz sandstone) with 50% black	035227	46.00	48.00	2.00
			pyritic argillite.	035228	48.00	50.00	2.00
				035229	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-632
Grid System : ORIGINAL
Collar Eastings : 19016.000
Collar Northings : 20402.900
Collar Elevations : 835.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 44.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	ARG	Black siliceous pyritic argillite with abundant fine grained pyrite and moderate to strong quartz stockwork; slightly graphitic.	035230	2.00	4.00	2.00
				035231	4.00	6.00	2.00
4.50	5.50	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive. NOTE: At 4-6m; contains 20% black fine grained greywacke with fine grained disseminated pyrite.	035232	6.00	8.00	2.00
8.00	18.00	SEDS	Black greywacke with abundant fine grained disseminated pyrite; minor hematite. NOTE: At 13-18m; contains 15% black graphitic argillite.	035233	8.00	10.00	2.00
				035234	10.00	12.00	2.00
				035235	12.00	14.00	2.00
				035236	14.00	16.00	2.00
				035237	16.00	18.00	2.00
18.00	32.80	ARG	Black silicified pyritic argillite with moderate quartz stockwork; some chips very slightly graphitic.	035238	18.00	20.00	2.00
19.00	24.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite. NOTE: At 20-22m; contains 30% black argillite. NOTE: At 26-28m; contains 30% hematite, fine grained sandstone.	035239	20.00	22.00	2.00
				035240	22.00	24.00	2.00
				035241	24.00	26.00	2.00
				035242	26.00	28.00	2.00
				035243	28.00	30.00	2.00
				035244	30.00	32.00	2.00
				035245	32.00	34.00	2.00
32.80	44.00	SEDS	Grey to light opaque very fine grained sandstone/quartzite with abundant fine grained disseminated pyrite.	035246	34.00	36.00	2.00
				035247	36.00	38.00	2.00
				035248	38.00	40.00	2.00
				035249	40.00	42.00	2.00
				035250	42.00	44.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-633
Grid System : ORIGINAL
Collar Eastings : 19361.900
Collar Northings : 20138.900
Collar Elevations : 824.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	17.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite; minor hematite; abundant clay in unwashed chips.	035251	2.00	4.00	2.00
				035252	4.00	6.00	2.00
				035253	6.00	8.00	2.00
				035254	8.00	10.00	2.00
				035255	10.00	12.00	2.00
				035256	12.00	14.00	2.00
				035257	14.00	16.00	2.00
				035258	16.00	18.00	2.00
17.00	26.80	ARG	Black silicified pyritic argillite with abundant quartz stockwork.	035259	18.00	20.00	2.00
				035260	20.00	22.00	2.00
				035261	22.00	24.00	2.00
				035262	24.00	26.00	2.00
				035263	26.00	28.00	2.00
26.80	33.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite; minor hematite; abundant clay in unwashed chips. NOTE: At 30-32m; 50% black pyritic argillite; oxidation of intrusive less pervasive.	035264	28.00	30.00	2.00
				035265	30.00	32.00	2.00
				035266	32.00	34.00	2.00
33.00	40.00	ARG	Black silicified pyritic argillite with abundant quartz stockwork.	035267	34.00	36.00	2.00
				035268	36.00	38.00	2.00
				035269	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-634
Grid System : ORIGINAL
Collar Eastings : 19360.000
Collar Northings : 20113.700
Collar Elevations : 819.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	15.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; minor hematitic quartz; occasional quartz eyes. NOTE: At 8-10m; contains 5% grey unoxidized intrusive with abundant fine grained disseminated and blebby pyrite.	035270	2.00	4.00	2.00
				035271	4.00	6.00	2.00
				035272	6.00	8.00	2.00
				035273	8.00	10.00	2.00
				035274	10.00	12.00	2.00
				035275	12.00	14.00	2.00
				035276	14.00	16.00	2.00
15.00	40.00	ARG	Black silicified moderately graphitic argillite with fine grained disseminated pyrite and moderate to strong quartz stockwork; calcite veining. NOTE: At 22-24m; contains 2% limonitic fine grained sandstone. NOTE: At 26-36m; contains up to 30% fine grained black greywacke with oxidized pyrite.	035277	16.00	18.00	2.00
				035278	18.00	20.00	2.00
				035279	20.00	22.00	2.00
				035280	22.00	24.00	2.00
				035281	24.00	26.00	2.00
				035282	26.00	28.00	2.00
				035283	28.00	30.00	2.00
				035284	30.00	32.00	2.00
				035285	32.00	34.00	2.00
				035286	34.00	36.00	2.00
				035287	36.00	38.00	2.00
				035288	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-635
Grid System : ORIGINAL
Collar Eastings : 19359.80
Collar Northings : 20085.10
Collar Elevations : 813.10
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	9.00	INT	Strongly pervasively oxidized quartz-rich quartz-feldspar porphyritic intrusive; remnant biotite.	035289	2.00	4.00	2.00
				035290	4.00	6.00	2.00
				035291	6.00	8.00	2.00
				035292	8.00	10.00	2.00
9.00	40.00	ARG	Black, pyritic, moderately, graphitic argillite; up to 20% black greywacke.	035293	10.00	12.00	2.00
				035294	12.00	14.00	2.00
			NOTE: At 12-14m; contains 5% strongly pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive remnant biotite.	035295	14.00	16.00	2.00
				035296	16.00	18.00	2.00
				035297	18.00	20.00	2.00
				035298	20.00	22.00	2.00
			NOTE: At 36-40m; contains 5% strongly pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive remnant biotite.	035299	22.00	24.00	2.00
				035300	24.00	26.00	2.00
				035301	26.00	28.00	2.00
				035302	28.00	30.00	2.00
				035303	30.00	32.00	2.00
				035304	32.00	34.00	2.00
				035305	34.00	36.00	2.00
				035306	36.00	38.00	2.00
				035307	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91 536
Grid System : ORIGINAL
Collar Eastings : 19461.800
Collar Northings : 20151.700
Collar Elevations : 841.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	14.50	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; minor hematite; minor manganese oxide; occasional quartz eyes. NOTE: At 8-10m; contains 5% pervasively oxidized intrusive with black biotite (fresh intrusive), 3% black argillite with rusty cubic voids (oxidized pyrite), and abundant soft feldspar chips. NOTE: At 10-12m; abundant dark orange-red quartz and milky quartz; chips of stibnite with associated kermesite; 10% silicified argillite with quartz stockwork.	035308	2.00	4.00	2.00
				035309	4.00	6.00	2.00
				035310	6.00	8.00	2.00
				035311	8.00	10.00	2.00
				035312	10.00	12.00	2.00
				035313	12.00	14.00	2.00
				035314	14.00	16.00	2.00
14.50	43.00	ARG	Black, silicified, moderately graphitic argillite; strong quartz stockwork; abundant fine grained disseminated pyrite (minor oxidation); minor pods of arsenopyrite. NOTE: At 22-24m; contains 2% intrusive.	035315	16.00	18.00	2.00
				035316	18.00	20.00	2.00
				035317	20.00	22.00	2.00
				035318	22.00	24.00	2.00
				035319	24.00	26.00	2.00
				035320	26.00	28.00	2.00
				035321	28.00	30.00	2.00
				035322	30.00	32.00	2.00
				035323	32.00	34.00	2.00
33.20	35.90	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant biotite; minor hematite; minor manganese oxide; occasional quartz eyes.	035324	34.00	36.00	2.00
				035325	36.00	38.00	2.00
				035326	38.00	40.00	2.00
				035327	40.00	42.00	2.00
				035328	42.00	44.00	2.00
43.00	52.00	INT	Pervasively oxidized siliceous porphyritic intrusive quartz eyes.	035329	44.00	46.00	2.00
				035330	46.00	48.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-636

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			NOTE: At 44-52m; oxidation less intense; contains 10% greenish grey unoxidized intrusive quartz feldspar porphyry; abundant fine grained pyrite; very minor hematite.	035331	48.00	50.00	2.00
				035332	50.00	52.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-637
Grid System : ORIGINAL
Collar Eastings : 19514.900
Collar Northings : 20126.600
Collar Elevations : 848.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	57.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; minor hematite; 20% milky quartz and white (biotite) quartz-rich quartz feldspar porphyritic intrusive; minor remnant biotite; quartz eyes abundant from 38-57m.	035333	2.00	4.00	2.00
				035334	4.00	6.00	2.00
				035335	6.00	8.00	2.00
				035336	8.00	10.00	2.00
				035337	10.00	12.00	2.00
				035338	12.00	14.00	2.00
				035339	14.00	16.00	2.00
				035340	16.00	18.00	2.00
				035341	18.00	20.00	2.00
				035342	20.00	22.00	2.00
20.50	23.00	ARG	Black silicified argillite; strong qaurtz stockwork; abundant pyrite (80% oxidized).	035343	22.00	24.00	2.00
				035344	24.00	26.00	2.00
			NOTE: 24-26m; 2% stibnite, dark orange-red quartz; 10% black silicified argillite; strong quartz stockwork; abundant pyrite (80% oxidized).	035345	26.00	28.00	2.00
26.50	29.80	ARG	Black silicified argillite; strong quartz stockwork; abundant pyrite (80% oxidized) with 20% pyritic smokey quartz (chert?).	035346	28.00	30.00	2.00
				035347	30.00	32.00	2.00
				035348	32.00	34.00	2.00
32.50	37.00	ARG	Black, pyritic cherty argillite; much pyrite oxidized.	035349	34.00	36.00	2.00
				035350	36.00	38.00	2.00
			NOTE: At 38-42m; slightly bleached intrusive; abundant remnant biotite.	035351	38.00	40.00	2.00
				035352	40.00	42.00	2.00
			NOTE: At 45-48m; contains 15% white quartz feldspar porphyry.	035353	42.00	44.00	2.00
				035354	44.00	46.00	2.00
				035355	46.00	48.00	2.00
				035356	48.00	50.00	2.00
				035357	50.00	52.00	2.00
				035358	52.00	54.00	2.00
				035359	54.00	56.00	2.00
				035360	56.00	58.00	2.00
57.00	58.00	ARG	Dark grey to black pyritic cherty argil-				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-637

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			lite with strong fine stockwork and calcite veinlets.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-638
Grid System : ORIGINAL
Collar Eastings : 19515.40
Collar Northings : 20149.70
Collar Elevations : 849.60
Collar Bearing : 358.0
Grid Baseline : 64.0

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	47.20	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant rusty biotite; abundant orange-red (hematitic) quartz; 10% white quartz-rich unoxidized intrusive.	035361	2.00	4.00	2.00
				035362	4.00	6.00	2.00
				035363	6.00	8.00	2.00
				035364	8.00	10.00	2.00
				035365	10.00	12.00	2.00
				035366	12.00	14.00	2.00
				035367	14.00	16.00	2.00
				035368	16.00	18.00	2.00
17.90	22.50	ARG	Black silicified pyritic argillite with strong quartz stockwork; interval cotains 10% limonitic porphyritic intrusive; (bleached?) minor fine grained tan sandstone.	035369	18.00	20.00	2.00
				035370	20.00	22.00	2.00
				035371	22.00	24.00	2.00
				035372	24.00	26.00	2.00
				035373	26.00	28.00	2.00
			NOTE: At 24-28m; contains up to 50% smokey grey to rusty very fine grained quartzite; strongly stockworked.	035374	28.00	30.00	2.00
28.80	32.10	ARG	Black silicified pyritic argillite with strong quartz stockwork; contains 15% pervasive oxidized porphyritic intrusive with quartz stockwork.	035375	30.00	32.00	2.00
				035376	32.00	34.00	2.00
				035377	34.00	36.00	2.00
34.50	36.30	ARG	Black silicified strongly stockworked pyritic argillite.	035378	36.00	38.00	2.00
36.30	39.00	STWK	pervasive oxidized quartz-rich quartz feldspar porphyritic intrusive with very strong quartz stockwork.	035379	38.00	40.00	2.00
				035380	40.00	42.00	2.00
				035381	42.00	44.00	2.00
			NOTE At 44-46m; contains 5% black siliceous pyritic argillite.	035382	44.00	46.00	2.00
				035383	46.00	48.00	2.00
47.20	52.00	ARG	Black, silicified, very slightly graphitic argillite with moderate to strong quartz stockwork; minor oxidation of disseminated pyrite.	035384	48.00	50.00	2.00
				035385	50.00	52.00	2.00
			NOTE: At 50-52m; contains 10% smokey				

PROPERTY : BREWERY CREEK
ECLE No. : BCRC 91-638

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			quartz chips with tiny dark grey veinlets.				

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-639
Grid System : ORIGINAL
Collar Eastings : 19578.800
Collar Northings : 20116.000
Collar Elevations : 849.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	7.00	ARG	Black silicified pyritic argillite with moderate to strong quartz stockwork; minor oxidation of pyrite; abundant grey clay.	035386	2.00	4.00	2.00
				035387	4.00	6.00	2.00
				035388	6.00	8.00	2.00
7.00	16.50	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; minor hematite; minor remnant rusty biotite. NOTE: At 8-10m; contains 10% dark grey silicified pyritic argillite.	035389	8.00	10.00	2.00
				035390	10.00	12.00	2.00
				035391	12.00	14.00	2.00
				035392	14.00	16.00	2.00
14.50	15.50	ARG	Black, silicified pyritic argillite with moderate to strong quartz stockwork; minor oxidation of pyrite; abundant grey clay. NOTE: At 16-18m; abundant dark orange-red quartz.	035393	16.00	18.00	2.00
16.50	30.20	ARG	Dark grey to black pyritic argillite with strong quartz and limonitic stockwork; minor calcite veinlets; slightly graphitic; 50% intrusive.	035394	18.00	20.00	2.00
				035395	20.00	22.00	2.00
				035396	22.00	24.00	2.00
22.70	23.30	INT	Strongly limonitic siliceous quartz feldspar porphyritic intrusive.	035397	24.00	26.00	2.00
				035398	26.00	28.00	2.00
27.00	28.50	INT	Pervasive oxidized quartz-rich quartz feldspar porphyritic; trace fine grained blebby pyrite.	035399	28.00	30.00	2.00
				035400	30.00	32.00	2.00
30.20	45.00	INT	Moderately pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive with fine grained blebby and disseminated pyrite; minor clacite; occasional quartz eyes.	035401	32.00	34.00	2.00
				035402	34.00	36.00	2.00
				035403	36.00	38.00	2.00
				035404	38.00	40.00	2.00
				035405	40.00	42.00	2.00
				035406	42.00	44.00	2.00
				035407	44.00	46.00	2.00
45.00	52.00	QPP	White to light grey siliceous quartz feld-	035408	46.00	48.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-639

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			spar porphyritic intrusiv with fine	035409	48.00	50.00	2.00
			grained disseminated and blebby pyrite.	035410	50.00	52.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-640
Grid System : ORIGINAL
Collar Eastings : 19579.200
Collar Northings : 20092.700
Collar Elevations : 846.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	24.50	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; moderate hematite; remnant rusty biotite; up to 10% patchy bleached intrusive; 15% white quartz feldspar porphyritic intrusive. NOTE: At 10-14m; abundant dark orange-red quartz. NOTE: At 18-20m; 10% black silicified pyritic argillite. NOTE: At 22-24.5m; 15% translucent sulphide qaurtz.	035411	2.00	4.00	2.00
				035412	4.00	6.00	2.00
				035413	6.00	8.00	2.00
				035414	8.00	10.00	2.00
				035415	10.00	12.00	2.00
				035416	12.00	14.00	2.00
				035417	14.00	16.00	2.00
				035418	16.00	18.00	2.00
				035419	18.00	20.00	2.00
				035420	20.00	22.00	2.00
				035421	22.00	24.00	2.00
				035422	24.00	26.00	2.00
24.50	33.00	ARG	Dark grey silicified pyritic argillite; moderate quartz stockwork; graphitic. NOTE: 26-28m; 15% limonitic intrusive.	035423	26.00	28.00	2.00
				035424	28.00	30.00	2.00
				035425	30.00	32.00	2.00
				035426	32.00	34.00	2.00
33.00	50.00	INT	Moderately pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive occasional quartz eyes; minor hematite.	035427	34.00	36.00	2.00
35.70	37.20	ARG	Black, siliceous, graphitic, pyritic argillite.	035428	36.00	38.00	2.00
				035429	38.00	40.00	2.00
				035430	40.00	42.00	2.00
				035431	42.00	44.00	2.00
				035432	44.00	46.00	2.00
				035433	46.00	48.00	2.00
				035434	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-641
Grid System : ORIGINAL
Collar Eastings : 19574.500
Collar Northings : 20018.400
Collar Elevations : 833.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	14.00	F-INT	Limonitic quartz-rich quartz feldspar porphyritic intrusive with abundant black biotite.	035435	2.00	4.00	2.00
				035436	4.00	6.00	2.00
				035437	6.00	8.00	2.00
				035438	8.00	10.00	2.00
				035439	10.00	12.00	2.00
				035440	12.00	14.00	2.00
14.00	32.80	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite; abundant hematitic quartz. NOTE: At 24-26m; 7% stibnite with kermesite. NOTE: At 26-30m; 1% stibnite and kermesite	035441	14.00	16.00	2.00
				035442	16.00	18.00	2.00
				035443	18.00	20.00	2.00
				035444	20.00	22.00	2.00
				035445	22.00	24.00	2.00
				035446	24.00	26.00	2.00
				035447	26.00	28.00	2.00
				035448	28.00	30.00	2.00
				035449	30.00	32.00	2.00
				035450	32.00	34.00	2.00
32.80	40.00	ARG	Black silicified slightly graphitic pyritic argillite; moderate oxidation of pyrite; moderate to strong quartz stockwork.	035451	34.00	36.00	2.00
				035452	36.00	38.00	2.00
				035453	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-642
Grid System : ORIGINAL
Collar Eastings : 19603.000
Collar Northings : 20106.500
Collar Elevations : 849.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	21.00	INT	Limonitic quartz-rich quartz feldspar porphyritic intrusive; minor remnant biotite; minor hematite; minor stibnite; abundant orange clay.	035454	2.00	4.00	2.00
				035455	4.00	6.00	2.00
				035456	6.00	8.00	2.00
				035457	8.00	10.00	2.00
			NOTE: 2-4m; 50% extremely silicified black pyritic argillite.				
8.50	9.50	ARG	50% extremely silicified black pyritic argillite.	035458	10.00	12.00	2.00
				035459	12.00	14.00	2.00
			NOTE: 10-20m; up to 50% white quartz-rich quartz feldspar porphyritic intrusive; 5% extremely silicified black pyritic argillite.	035460	14.00	16.00	2.00
				035461	16.00	18.00	2.00
				035462	18.00	20.00	2.00
				035463	20.00	22.00	2.00
21.00	28.00	ARG	Black silicified graphitic argillite with strong quartz stockwork; abundant very fine grained pyrite; minor oxidation of some pyrite.	035464	22.00	24.00	2.00
				035465	24.00	26.00	2.00
				035466	26.00	28.00	2.00
28.00	50.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; remnant rusty biotite; occasional quartz eyes.	035467	28.00	30.00	2.00
				035468	30.00	32.00	2.00
30.50	33.00	ARG	Black graphitic argillite; mild quartz stockwork; fine grained disseminated pyrite.	035469	32.00	34.00	2.00
				035470	34.00	36.00	2.00
				035471	36.00	38.00	2.00
			NOTE: At 34-36m; large feldspar chips.	035472	38.00	40.00	2.00
			NOTE: At 38-42m; 50% white quartz feldspar porphyritic intrusive.	035473	40.00	42.00	2.00
				035474	42.00	44.00	2.00
			NOTE: At 42-50m; abundant quartz eyes.	035475	44.00	46.00	2.00
				035476	46.00	48.00	2.00
				035477	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-643
Grid System : ORIGINAL
Collar Eastings : 19604.400
Collar Northings : 19959.200
Collar Elevations : 818.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	39.80	INT	Strongly pervasively oxidized siliceous quartz feldspar porphyritic intrusive; abundant hematite; abundant remnant biotite (some rusty, some silverish)	035478	2.00	4.00	2.00
				035479	4.00	6.00	2.00
				035480	6.00	8.00	2.00
				035481	8.00	10.00	2.00
			NOTE: At 4-6m; 2% black, pyritic, silicified, graphitic argillite.	035482	10.00	12.00	2.00
				035483	12.00	14.00	2.00
			NOTE: At 8-16m; abundant hematitic quartz	035484	14.00	16.00	2.00
			NOTE: At 18-20m; 2% black, pyritic, silicified, graphitic argillite.	035485	16.00	18.00	2.00
				035486	18.00	20.00	2.00
			NOTE: At 20-22m; abundant dark orange-red quartz.	035487	20.00	22.00	2.00
				035488	22.00	24.00	2.00
			NOTE: At 32-34.5m; abundant black pyrite cubes (surficial oxidation?), trace stibnite with kermesite.	035489	24.00	26.00	2.00
				035490	26.00	28.00	2.00
				035491	28.00	30.00	2.00
				035492	30.00	32.00	2.00
				035493	32.00	34.00	2.00
				035494	34.00	36.00	2.00
34.50	36.30	ARG	Black, silicified, graphitic argillite with mild quartz stockwork and abundant limonite and hematite stockwork.	035495	36.00	38.00	2.00
				035496	38.00	40.00	2.00
39.80	46.00	ARG	Balck silicified graphitic argillite with very strong quartz stockwork; abundant fine grained disseminated pyrite; minor calcite veinlets.	035497	40.00	42.00	2.00
				035498	42.00	44.00	2.00
42.60	43.40	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive with mild limonitic stockwork.	035499	44.00	46.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-644
Grid System : ORIGINAL
Collar Eastings : 19603.400
Collar Northings : 19985.900
Collar Elevations : 825.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 44.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	37.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive with abundant remnant biotite (mostly rusted); minor hematite; abundant clay.	032701	2.00	4.00	2.00
				032702	4.00	6.00	2.00
				032703	6.00	8.00	2.00
				032704	8.00	10.00	2.00
			NOTE: At 14-16m; abundant dark orange-red quartz; 5% stibnite; moderate quartz stockwork.	032705	10.00	12.00	2.00
				032706	12.00	14.00	2.00
				032707	14.00	16.00	2.00
			NOTE: At 28-36m; abundant dark orange-red quartz; good stockwork; up to 7% stibnite.	032708	16.00	18.00	2.00
				032709	18.00	20.00	2.00
				032710	20.00	22.00	2.00
				032711	22.00	24.00	2.00
				032712	24.00	26.00	2.00
				032713	26.00	28.00	2.00
				032714	28.00	30.00	2.00
				032715	30.00	32.00	2.00
31.90	33.00	ARG	Black pyritic argillite.	032716	32.00	34.00	2.00
				032717	34.00	36.00	2.00
				032718	36.00	38.00	2.00
37.00	42.20	ARG	Black pyritic argillite with moderate to strong quartz stockwork; some oxidation of pyrite; slightly garphitic.	032719	38.00	40.00	2.00
				032720	40.00	42.00	2.00
				032721	42.00	44.00	2.00
42.20	44.00	INT	Moderately pervasively oxidized quartz rich quartz feldspar porphyritic intrusive with minor remnant pyrite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-645
Grid System : ORIGINAL
Collar Eastings : 19771.600
Collar Northings : 19968.600
Collar Elevations : 823.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	9.80	ARG	Black, silicified, slightly graphitic pyritic argillite with moderate to strong quartz stockwork. NOTE: At 2-4m; 50% limonitic quartz feldspar porphyritic intrusive.	032722	2.00	4.00	2.00
4.00	8.00	SE	Black, silicified, slightly graphitic pyritic argillite with moderate to strong quartz stockwork with 25% limonitic porphyritic intrusive, 25% stibnite with minor kermesite.	032723	4.00	6.00	2.00
				032724	6.00	8.00	2.00
				032725	8.00	10.00	2.00
9.80	40.00	INT	Strongly pervasively oxidized siliceous quartz feldspar porphyritic intrusive; quartz dark orange-red; remnant altered biotite; minor stibnite; mild to moderate fine quartz stockwork.	032726	10.00	12.00	2.00
				032727	12.00	14.00	2.00
				032728	14.00	16.00	2.00
15.50	19.00	ARG	Dark grey to black soft pyritic argillite; abundant grey clay. NOTE: At 20-22m; 20% black argillite. NOTE: At 22-26m; light pervasive oxidation rock more competent; abundant white pyritic quartz feldspar porphyritic intrusive. NOTE: At 26-30m; 75% white quartz-rich quartz feldspar porphyritic intrusive with pyrite. NOTE: At 32-36m; 75% white quartz-rich quartz feldspar porphyritic intrusive with pyrite. NOTE: At 38-40m; contains 40% black silicified pyritic argillite with moderate quartz stockwork.	032729	16.00	18.00	2.00
				032730	18.00	20.00	2.00
				032731	20.00	22.00	2.00
				032732	22.00	24.00	2.00
				032733	24.00	26.00	2.00
				032734	26.00	28.00	2.00
				032735	28.00	30.00	2.00
				032736	30.00	32.00	2.00
				032737	32.00	34.00	2.00
				032738	34.00	36.00	2.00
				032739	36.00	38.00	2.00
				032740	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-646
Grid System : ORIGINAL
Collar Eastings : 19775.600
Collar Northings : 19956.200
Collar Elevations : 822.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	7.00	INT	Pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; abundant quartz eyes; minor hematite; minor rusty biotite.	032741	2.00	4.00	2.00
3.00	4.50	ARG	Black silicified, graphitic argillite with moderate to strong quartz stockwork and fine grained disseminated pyrite; also minor dark brown greywacke.	032742 032743	4.00 6.00	6.00 8.00	2.00 2.00
7.00	22.00	ARG	Black pyritic argillite with strong quartz stockwork; minor limonitic stockwork and oxidation of disseminated pyrite; interval contains 15% dark grey soft mudstone. NOTE: At 12m; contains 20% pervasively oxidized quartz-rich quartz feldspar porphyritic intrusive; abundant quartz eyes; minor hematite; minor remnant rusty biotite.	032744 032745 032746 032747	8.00 10.00 12.00 14.00	10.00 12.00 14.00 16.00	2.00 2.00 2.00 2.00
14.80	16.50	INT	Pervasively oxidized quartz-rich porphyritic intrusive; abundant hematitic quartz. NOTE: At 16-18m; soft graphitic mudstone NOTE: At 18-20m; 2% stibnite and kermesite in soft graphitic mudstone. NOTE: At 20-22m; 3% stibnite and kermesite and antimony ochre; 5% intrusive.	032748 032749 032750	16.00 18.00 20.00	18.00 20.00 22.00	2.00 2.00 2.00
22.00	40.00	INT	Limonitic siliceous quartz-feldspar porphyritic intrusive; minor fine grained disseminated pyrite; abundant quartz eyes; minor hematite; pervasive oxidation decreases downhole. NOTE: At 28-36m; contains up to 60% milky	032751 032752 032753 032754 032755 032756	22.00 24.00 26.00 28.00 30.00 32.00	24.00 26.00 28.00 30.00 32.00 34.00	2.00 2.00 2.00 2.00 2.00 2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-646

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			white unoxidized quartz-rich intrusive.	032757	34.00	36.00	2.00
34.70	35.30	ARG	Black silicified, graphitic pyritic argillite; mild quartz stockwork.	032758	36.00	38.00	2.00
			NOTE: 36-40m; contains 2-5% fresh intrusive (pervasively oxidized, siliceous, porphyritic intrusive with black biotite).	032759	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-647
Grid System : ORIGINAL
Collar Eastings : 20819.000
Collar Northings : 19995.600
Collar Elevations : 1055.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	21.00	INT	Pervasively limonitic intrusive with minor stockwork and moderate to high argillic alteration.	032760	2.00	4.00	2.00
4.00	6.00		2mm wide vein of silver sulphide. Could be stibnite.	032761	4.00	6.00	2.00
				032762	6.00	8.00	2.00
				032763	8.00	10.00	2.00
				032764	10.00	12.00	2.00
				032765	12.00	14.00	2.00
				032766	14.00	16.00	2.00
				032767	16.00	18.00	2.00
				032768	18.00	20.00	2.00
20.00	21.00		Intrusive has abundant quartz eyes.	032769	20.00	22.00	2.00
21.00	26.00	ARG	Black, siliceous argillite with minor stockwork.	032770	22.00	24.00	2.00
				032771	24.00	26.00	2.00
26.00	28.00	SED	Grey barite with occasional quartz stock-work.	032772	26.00	28.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-648
Grid System : ORIGINAL
Collar Eastings : 23406.200
Collar Northings : 17758.900
Collar Elevations : 957.000
Collar Bearing : 358.0
Grid Baseline : 64.0

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	20.00	SEDS	Limonitic, light grey chert. 10% white quartz with red staining. Earthy limonitic coating on fracture surfaces of the chert with minor bright red goethite on some surfaces.	032773	2.00	4.00	2.00
				032774	4.00	6.00	2.00
				032775	6.00	8.00	2.00
				032776	8.00	10.00	2.00
				032777	10.00	12.00	2.00
				032778	12.00	14.00	2.00
				032779	14.00	16.00	2.00
16.00	18.00		Trace stibnite (<1%).	032780	16.00	18.00	2.00
				032781	18.00	20.00	2.00
20.00	23.00	INT	Limonitic, quartz-rich intrusive, minor sulphides along fracture surfaces (arseno-pyrite? stibnite?) 5% white and red quartz	032782	20.00	22.00	2.00
				032783	22.00	24.00	2.00
23.00	36.00	SEDS	Limonitic, light grey chert. 10% white quartz with red staining. Earthy limonitic coating on fracture srufaces of the chert, with minor bright red goethite on some surfaces.				
23.00	32.00		Minor stibnite (maybe arsenopyrite) in massive veins (1-2%) with grey quartz and disseminated in the chert.	032784	24.00	26.00	2.00
				032785	26.00	28.00	2.00
				032786	28.00	30.00	2.00
				032787	30.00	32.00	2.00
				032788	32.00	34.00	2.00
				032789	34.00	36.00	2.00
36.00	44.00	SEDS	Dark grey chert. Abundant disseminated arsenopyrite (pyrite?) (this dark grey unite may be a fine grained volcanic).	032790	36.00	38.00	2.00
				032791	38.00	40.00	2.00
				032792	40.00	42.00	2.00
				032793	42.00	44.00	2.00
44.00	50.00	ARG	Black, cherty, argillite. Minor yellow pyrite.	032794	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-648

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
46.00	50.00		40% grey chert and limonitic white quartz.	032795	46.00	48.00	2.00
				032796	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-649
Grid System : ORIGINAL
Collar Eastings : 23405.800
Collar Northings : 17728.000
Collar Elevations : 954.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00.
Final Depth : 52.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	8.00	QTZ	Massive quartz vein. Quartz varies from white, yellow to deep red, minor stibnite.	032797	2.00	4.00	2.00
				032798	4.00	6.00	2.00
				032799	6.00	8.00	2.00
8.00	48.00	SEDS	Light grey chert. Some limonitic coating on fracture surfaces 5% white quartz.	032800	8.00	10.00	2.00
				032801	10.00	12.00	2.00
				032802	12.00	14.00	2.00
14.00	48.00		2-5% grey quartz with disseminated arsenopyrite, with rare massive arsenopyrite.	032803	14.00	16.00	2.00
				032804	16.00	18.00	2.00
				032805	18.00	20.00	2.00
				032806	20.00	22.00	2.00
				032807	22.00	24.00	2.00
				032808	24.00	26.00	2.00
				032809	26.00	28.00	2.00
				032810	28.00	30.00	2.00
				032811	30.00	32.00	2.00
				032812	32.00	34.00	2.00
				032813	34.00	36.00	2.00
				032814	36.00	38.00	2.00
				032815	38.00	40.00	2.00
				032816	40.00	42.00	2.00
				032817	42.00	44.00	2.00
				032818	44.00	46.00	2.00
				032819	46.00	48.00	2.00
48.00	52.00	SEDS	Dark grey chert, with abundant disseminated and massive arsenopyrite (stibnite?).	032820	48.00	50.00	2.00
50.00	52.00		40% black cherty argillite, with disseminated yellow pyrite and rare massive arsenopyrite.	032821	50.00	52.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-650
Grid System : ORIGINAL
Collar Eastings : 23309.200
Collar Northings : 17667.500
Collar Elevations : 908.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 58.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	6.00	SEDS	Dark brown chert, 20% quartz with abundant disseminated arsenopyrite.	032822	2.00	4.00	2.00
				032823	4.00	6.00	2.00
6.00	14.00	F*INT	Black biotite rich, pale green intrusive. 10-30% brown quartz.	032824	6.00	8.00	2.00
8.00	10.00		70% brown quartz.	032825	8.00	10.00	2.00
				032826	10.00	12.00	2.00
				032827	12.00	14.00	2.00
14.00	46.00	SEDS	Limonitic light brown chert.				
14.00	26.00		20-40% grey quartz with abundant disseminated arsenopyrite.	032828	14.00	16.00	2.00
				032829	16.00	18.00	2.00
				032830	18.00	20.00	2.00
				032831	20.00	22.00	2.00
				032832	22.00	24.00	2.00
				032833	24.00	26.00	2.00
26.00	30.00		Abundant white to red quartz.	032834	26.00	28.00	2.00
				032835	28.00	30.00	2.00
				032836	30.00	32.00	2.00
				032837	32.00	34.00	2.00
				032838	34.00	36.00	2.00
				032839	36.00	38.00	2.00
				032840	38.00	40.00	2.00
				032841	40.00	42.00	2.00
				032842	42.00	44.00	2.00
				032843	44.00	46.00	2.00
46.00	54.00	F*INT	Black biotite-rich, brown intrusive. 10% unoxidized blue/green intrusive.	032844	46.00	48.00	2.00
48.00	50.00		50% brown chert and white quartz.	032845	48.00	50.00	2.00
				032846	50.00	52.00	2.00
				032847	52.00	54.00	2.00
54.00	58.00	SEDS	Brown chert, minor grey quartz.	032848	54.00	56.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-650

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				032849	56.00	58.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-651
Grid System : ORIGINAL
Collar Eastings : 21365.300
Collar Northings : 19668.900
Collar Elevations : 983.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	20.00	INT	Limonitic intrusive with minor quartz stockwork and frequent small quartz eyes.	032850	2.00	4.00	2.00
3.60	4.40	ARG	Black, siliceous, stockworked argillite.	032851	4.00	6.00	2.00
				032852	6.00	8.00	2.00
8.00	10.00	F*INT	Black biotite rich brown intrusive with	032853	8.00	10.00	2.00
			small, frequent quartz eyes.	032854	10.00	12.00	2.00
				032855	12.00	14.00	2.00
				032856	14.00	16.00	2.00
				032857	16.00	18.00	2.00
17.00	19.00	F*INT	Slightly oxidized greenish blue intrusive with occasional black biotites.	032858	18.00	20.00	2.00
20.00	50.00	QFP	Grey quartz feldspar porphyry with coarsely disseminated pyrite and pyrite cubes.	032859	20.00	22.00	2.00
21.60	22.10	ARG	Black, cherty argillite, occasionally	032860	22.00	24.00	2.00
			mixed with quartz feldspar porphyry in	032861	24.00	26.00	2.00
			chips.	032862	26.00	28.00	2.00
				032863	28.00	30.00	2.00
29.00	30.10	ARG	Black, siliceous, graphitic, pyritic,	032864	30.00	32.00	2.00
			stockworked argillite.	032865	32.00	34.00	2.00
				032866	34.00	36.00	2.00
				032867	36.00	38.00	2.00
				032868	38.00	40.00	2.00
				032869	40.00	42.00	2.00
				032870	42.00	44.00	2.00
				032871	44.00	46.00	2.00
				032872	46.00	48.00	2.00
47.20	49.20	ARG	Black, cherty, pyritic argillite.	032873	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-652
Grid System : ORIGINAL
Collar Eastings : 21366.300
Collar Northings : 19696.200
Collar Elevations : 989.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	14.00	F*INT	Black biotite rich limonitic intrusive. Greenish grey when not oxidized. Occasional quartz eyes.	055751	2.00	4.00	2.00
				055752	4.00	6.00	2.00
				055753	6.00	8.00	2.00
				055754	8.00	10.00	2.00
				055755	10.00	12.00	2.00
				055756	12.00	14.00	2.00
14.00	26.00	INT	Limonitic intrusive with unoxidized chips showing coarsely disseminated pyrite. Occasional quartz eyes and occasional quartz stockworking.	055757	14.00	16.00	2.00
				055758	16.00	18.00	2.00
				055759	18.00	20.00	2.00
				055760	20.00	22.00	2.00
				055761	22.00	24.00	2.00
				055762	24.00	26.00	2.00
26.00	46.60	QFP	Grey unoxidized to weakly limonitic quartz feldspar porphyry. Moderate to low quartz stockwork, and trace to 1% disseminated pyrite.	055763	26.00	28.00	2.00
28.00	30.00		Abundant disseminated to massive silver sulphide, arsenopyrite (?).	055764	28.00	30.00	2.00
				055765	30.00	32.00	2.00
				055766	32.00	34.00	2.00
34.00	36.00		10% green fresh intrusive.	055767	34.00	36.00	2.00
36.00	38.00		40% green fresh intrusive.	055768	36.00	38.00	2.00
38.00	40.00		15% green fresh intrusive.	055769	38.00	40.00	2.00
				055770	40.00	42.00	2.00
				055771	42.00	44.00	2.00
				055772	44.00	46.00	2.00
				055773	46.00	48.00	2.00
46.60	49.50	ARG	Black, cherty, pyritic, stockworked argillite with occasional graphitic surfaces.	055774	48.00	50.00	2.00
49.50	50.00	QFP	Grey unoxidized to weakly limonitic quartz				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-652

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			feldspar porphyry. Moderate to low quartz stockwork, and trace to 1% disseminated pyrite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-653
Grid System : ORIGINAL
Collar Eastings : 21556.200
Collar Northings : 19680.700
Collar Elevations : 950.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	6.00	INT	Limonitic intrusive with minor disseminated pyrite and frequent quartz eyes.	055775	2.00	4.00	2.00
				055776	4.00	6.00	2.00
6.00	12.00	P*INT	Greey-grey, partially limonitic black biotite rich, quartz eye rich intrusive.	055777	6.00	8.00	2.00
				055778	8.00	10.00	2.00
				055779	10.00	12.00	2.00
12.00	40.00	QFP	Grey, unoxidized quartz feldspar porphyry with occasional quartz eyes. Pyrite is finely disseminated, then becomes coarse and blebby beginning at 28m. Minor quartz stockworking throughout.	055780	12.00	14.00	2.00
				055781	14.00	16.00	2.00
				055782	16.00	18.00	2.00
				055783	18.00	20.00	2.00
				055784	20.00	22.00	2.00
				055785	22.00	24.00	2.00
				055786	24.00	26.00	2.00
				055787	26.00	28.00	2.00
				055788	28.00	30.00	2.00
				055789	30.00	32.00	2.00
				055790	32.00	34.00	2.00
				055791	34.00	36.00	2.00
				055792	36.00	38.00	2.00
				055793	38.00	40.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-654
Grid System : ORIGINAL
Collar Eastings : 21365.400
Collar Northings : 19725.100
Collar Elevations : 995.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	10.00	INT	Pervasively limonitic, siliceous intrusive with minor quartz stockworking.	055794	2.00	4.00	2.00
				055795	4.00	6.00	2.00
				055796	6.00	8.00	2.00
				055797	8.00	10.00	2.00
10.00	16.00	P*INT	Greenish-grey, partially oxidized, black biotite rich intrusive.	055798	10.00	12.00	2.00
				055799	12.00	14.00	2.00
				055800	14.00	16.00	2.00
16.00	20.00	INT	Limonitic intrusive, sometimes brownish in colour, rare disseminated pyrite.	055801	16.00	18.00	2.00
				055802	18.00	20.00	2.00
20.00	32.00	P*INT	Greenish-grey, partially oxidized, black biotite rich intrusive.	055803	20.00	22.00	2.00
				055804	22.00	24.00	2.00
				055805	24.00	26.00	2.00
				055806	26.00	28.00	2.00
				055807	28.00	30.00	2.00
				055808	30.00	32.00	2.00
32.00	46.00	INT	Limonitic intrusive with occasional quartz eyes. Disseminated pyrite visible when intrusive is less oxidized.	055809	32.00	34.00	2.00
				055810	34.00	36.00	2.00
				055811	36.00	38.00	2.00
36.50	37.50	P*INT	Greenish-grey, partially oxidized, black-biotite rich intrusive.	055812	38.00	40.00	2.00
				055813	40.00	42.00	2.00
41.00	42.30	ARG	Black, pyritic, stockworked, cherty argillite.	055814	42.00	44.00	2.00
44.00	46.00		30% intrusive with black biotite. 10% black, cherty argillite.	055815	44.00	46.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-655
Grid System : ORIGINAL
Collar Eastings : 21457.000
Collar Northings : 19606.500
Collar Elevations : 966.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	25.00	SEDS	Brown to grey fissile shale.	055816	2.00	4.00	2.00
				055817	4.00	6.00	2.00
				055818	6.00	8.00	2.00
				055819	8.00	10.00	2.00
				055820	10.00	12.00	2.00
				055821	12.00	14.00	2.00
				055822	14.00	16.00	2.00
				055823	16.00	18.00	2.00
				055824	18.00	20.00	2.00
				055825	20.00	22.00	2.00
				055826	22.00	24.00	2.00
				055827	24.00	26.00	2.00
25.00	38.60	ARG	Black, siliceous, stockworked argillite with abundant finely to coarsely disseminated pyrite. Occasional graphitic surfaces.	055828	26.00	28.00	2.00
				055829	28.00	30.00	2.00
28.80	30.60	QFP	White, fine grained quartz feldspar porphyry with minor disseminated pyrite.	055830	30.00	32.00	2.00
				055831	32.00	34.00	2.00
				055832	34.00	36.00	2.00
				055833	36.00	38.00	2.00
				055834	38.00	40.00	2.00
38.60	41.00	QFP	White quartz feldspar porphyry with minor disseminated pyrite, occasional quartz eyes, and occasional pink and green sericite.	055835	40.00	42.00	2.00
41.00	50.00	ARG	Black, siliceous, stockworked argillite with abundant finely to coarsely disseminated pyrite. Occasional graphitic surfaces.	055836	42.00	44.00	2.00
43.80	45.00	QFP	White quartz feldspar porphyry with abun-	055837	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-655

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			dant disseminated pyrite and occasional pink and green sericite.	055838	46.00	48.00	2.00
46.70	49.00	QFP	White quartz feldspar porphyry with abundant disseminated pyrite and occasional pink and green sericite.	055839	48.00	50.00	2.00

HuRANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-656
Grid System : ORIGINAL
Collar Eastings : 21456.60C
Collar Northings : 19634.30C
Collar Elevations : 969.40C
Collar Bearing : 358.0C
Grid Baseline : 64.0C

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	18.00	SEDS	Brown to grey, fissile shale with minor quartz stockworking.	055840	2.00	4.00	2.00
				055841	4.00	6.00	2.00
				055842	6.00	8.00	2.00
				055843	8.00	10.00	2.00
				055844	10.00	12.00	2.00
				055845	12.00	14.00	2.00
				055846	14.00	16.00	2.00
				055847	16.00	18.00	2.00
18.00	28.60	AEG	Black, siliceous, stockworked, graphitic argillite with coarsely disseminated pyrite.	055848	18.00	20.00	2.00
				055849	20.00	22.00	2.00
				055850	22.00	24.00	2.00
				055851	24.00	26.00	2.00
				055852	26.00	28.00	2.00
				055853	28.00	30.00	2.00
28.60	35.50	QFP	White quartz feldspar porphyry with trace finely disseminated pyrite.	055854	30.00	32.00	2.00
30.90	31.10	AEG	Black siliceous, graphitic argillite.	055855	32.00	34.00	2.00
				055856	34.00	36.00	2.00
35.50	50.00	FINT	Greenish grey, black biotite-rich intrusive with weak argillic alteration and very rare disseminated pyrite.	055857	36.00	38.00	2.00
				055858	38.00	40.00	2.00
				055859	40.00	42.00	2.00
				055860	42.00	44.00	2.00
				055861	44.00	46.00	2.00
				055862	46.00	48.00	2.00
				055863	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-657
Grid System : ORIGINAL
Collar Eastings : 20901.600
Collar Northings : 19977.800
Collar Elevations : 1061.600
Collar Bearing : 358.00
Grid Baseline : 66.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	25.00	INT	Pervasively, limonitic, siliceous intrusive with minor quartz stockwork and occasional quartz eyes.	055864	2.00	4.00	2.00
3.00	4.30	ARG	Black, siliceous, stockworked argillite.	055865	4.00	6.00	2.00
				055866	6.00	8.00	2.00
				055867	8.00	10.00	2.00
				055868	10.00	12.00	2.00
				055869	12.00	14.00	2.00
				055870	14.00	16.00	2.00
				055871	16.00	18.00	2.00
				055872	18.00	20.00	2.00
				055873	20.00	22.00	2.00
				055874	22.00	24.00	2.00
				055875	24.00	26.00	2.00
25.00	40.00	ARG	Black, siliceous to fissile, stockworked argillite with disseminated limonite.				
26.00	29.00		Brecciated, silicified, black argillite.	055876	26.00	28.00	2.00
				055877	28.00	30.00	2.00
				055878	30.00	32.00	2.00
30.50	31.50	INT	Limonitic, siliceous, stockworked intrusive.	055879	32.00	34.00	2.00
				055880	34.00	36.00	2.00
				055881	36.00	38.00	2.00
				055882	38.00	40.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-658
Grid System : ORIGINAL
Collar Eastings : 21094.800
Collar Northings : 19877.200
Collar Elevations : 1034.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	4.00	F*INT	Greenish brown to orange black biotite rich intrusive.	055883	2.00	4.00	2.00
4.00	14.30	INT	Pervasively limonitic, siliceous intrusive with visible disseminated pyrite where not completely oxidized.	055884	4.00	6.00	2.00
				055885	6.00	8.00	2.00
				055886	8.00	10.00	2.00
				055887	10.00	12.00	2.00
				055888	12.00	14.00	2.00
				055889	14.00	16.00	2.00
14.30	25.00	ARG	Cherty black argillite with minor quartz stockwork.	055890	16.00	18.00	2.00
				055891	18.00	20.00	2.00
				055892	20.00	22.00	2.00
				055893	22.00	24.00	2.00
				055894	24.00	26.00	2.00
25.00	46.00	INT	Limonitic, siliceous intrusive with disseminated pyrite visible where not oxidized. Minor quartz stockwork.	055895	26.00	28.00	2.00
				055896	28.00	30.00	2.00
				055897	30.00	32.00	2.00
31.00	32.40	ARG	Cherty black argillite.	055898	32.00	34.00	2.00
				055899	34.00	36.00	2.00
				055900	36.00	38.00	2.00
36.80	37.20	F*INT	Brown\black, biotite rich, intrusive.				
38.00	46.00		Intrusive is less oxidized and has minor argillic alteration.	055901	38.00	40.00	2.00
				055902	40.00	42.00	2.00
				055903	42.00	44.00	2.00
				055904	44.00	46.00	2.00
46.00	50.00	F*INT	Greenish-brown, black biotite rich, intrusive.	055905	46.00	48.00	2.00
				055906	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-659
Grid System : ORIGINAL
Collar Eastings : 20901.600
Collar Northings : 19996.900
Collar Elevations : 1062.400
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	9.00	INT	Pervasively, limonitic, siliceous, stock-worked intrusive with high argillic alteration.	055907	2.00	4.00	2.00
				055908	4.00	6.00	2.00
				055909	6.00	8.00	2.00
				055910	8.00	10.00	2.00
9.00	14.00	ARG	Black, cherty argillite.	055911	10.00	12.00	2.00
10.80	11.20	INT	Limonitic, stockworked intrusive.	055912	12.00	14.00	2.00
14.00	19.00	BARITE	Grey to tan, limonitic barite.	055913	14.00	16.00	2.00
				055914	16.00	18.00	2.00
				055915	18.00	20.00	2.00
19.00	21.00	INT	Pervasively oxidized, siliceous intrusive with occasional quartz eyes.	055916	20.00	22.00	2.00
21.00	30.00	SEDS	Dark grey to black fissile shale with occasional quartz stockwork.	055917	22.00	24.00	2.00
				055918	24.00	26.00	2.00
				055919	26.00	28.00	2.00
				055920	28.00	30.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-660
Grid System : ORIGINAL
Collar Eastings : 20926.900
Collar Northings : 19986.900
Collar Elevations : 1062.300
Collar Bearing : 358.00
Grid Baseline : 66.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	20.50	INT	Pervasively limonitic, siliceous intrusive.	055921	2.00	4.00	2.00
				055922	4.00	6.00	2.00
				055923	6.00	8.00	2.00
				055924	8.00	10.00	2.00
				055925	10.00	12.00	2.00
				055926	12.00	14.00	2.00
				055927	14.00	16.00	2.00
14.70	15.30	F*INT	Limonitic intrusive with black biotite.				
16.00	20.00		More intense limonite, stockwork and argillic alteration.	055928	16.00	18.00	2.00
				055929	18.00	20.00	2.00
				055930	20.00	22.00	2.00
20.50	23.50	ARG	Black, siliceous, stockworked argillite.				
21.70	22.10	BARITE	Grey to almost black, stockworked, barite.	055931	22.00	24.00	2.00
23.50	26.40	INT	Pervasively limonitic, siliceous, intrusive.	055932	24.00	26.00	2.00
				055933	26.00	28.00	2.00
26.40	30.00	ARG	Brown to black, fissile to siliceous argillite with rare quartz stockwork.	055934	28.00	30.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-661
Grid System : ORIGINAL
Collar Eastings : 20713.300
Collar Northings : 19958.100
Collar Elevations : 1009.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	8.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.	055935	2.00	4.00	2.00
				055936	4.00	6.00	2.00
				055937	6.00	8.00	2.00
8.00	11.30	ARG	Black, siliceous, limonitic argillite.	055938	8.00	10.00	2.00
				055939	10.00	12.00	2.00
11.30	30.00	INT	Pervasively limonitic, siliceous intrusive.	055940	12.00	14.00	2.00
13.80	15.00	ARG	Black, siliceous, stockworked argillite.	055941	14.00	16.00	2.00
				055942	16.00	18.00	2.00
				055943	18.00	20.00	2.00
				055944	20.00	22.00	2.00
21.50	23.60	ARG	Black, siliceous, stockworked argillite.	055945	22.00	24.00	2.00
24.00	29.00		Intrusive has frequent quartz eyes and stronger argillic alteration.	055946	24.00	26.00	2.00
				055947	26.00	28.00	2.00
				055948	28.00	30.00	2.00
29.00	30.00	ARG	Black, siliceous, stockworked argillite.				

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-662
Grid System : ORIGINAL
Collar Eastings : 20842.800
Collar Northings : 20003.900
Collar Elevations : 1061.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 30.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	23.00	INT	Pervsively, limonitic, siliceous intrusive.				
2.00	6.00		1% Manganese oxide.	055949	2.00	4.00	2.00
				055950	4.00	6.00	2.00
				055951	6.00	8.00	2.00
				055952	8.00	10.00	2.00
				0055953	10.00	12.00	2.00
				055954	12.00	14.00	2.00
				055955	14.00	16.00	2.00
				055956	16.00	18.00	2.00
18.00	22.00		More intense quartz stockwork, limonite,	055957	18.00	20.00	2.00
			and argillic alteration.	055958	20.00	22.00	2.00
22.00	23.00		Frequent quartz eyes.	055959	22.00	24.00	2.00
23.00	28.00	ARG	Black, siliceous argillite with minor	055960	24.00	26.00	2.00
			quartz stockworking.	055961	26.00	28.00	2.00
26.90	27.10	INT	Limonitic, siliceous intrusive.				
28.00	30.00	BARITE	Light to dark grey, stockworked, barite.	055962	28.00	30.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-563
Grid System : ORIGINAL
Collar Eastings : 20706.900
Collar Northings : 19909.700
Collar Elevations : 1010.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -60.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	31.00	INT	Pervasively limonitic, siliceous intrusive.	055963	2.00	4.00	2.00
				055964	4.00	6.00	2.00
				055965	6.00	8.00	2.00
				055966	8.00	10.00	2.00
				055967	10.00	12.00	2.00
				055968	12.00	14.00	2.00
				055969	14.00	16.00	2.00
				055970	16.00	18.00	2.00
				055971	18.00	20.00	2.00
				055972	20.00	22.00	2.00
21.90	22.10	ARG	Black, cherty argillite.	055973	22.00	24.00	2.00
				055974	24.00	26.00	2.00
				055975	26.00	28.00	2.00
28.00	30.00		Trace of remnant hematitic pyrite cubes.	055976	28.00	30.00	2.00
				055977	30.00	32.00	2.00
31.00	36.40	ARG	Black, siliceous, heavily stockworked argillite.	055978	32.00	34.00	2.00
				055979	34.00	36.00	2.00
				055980	36.00	38.00	2.00
36.40	40.00	F*INT	Greeenish-grey to limonitic, black biotite rich intrusive.	055981	38.00	40.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-664
Grid System : ORIGINAL
Collar Eastings : 20708.300
Collar Northings : 19883.700
Collar Elevations : 1008.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -65.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	6.00	PINT	Black biotite rich limonitic intrusive with minor quartz stockwork.	055982	2.00	4.00	2.00
				055983	4.00	6.00	2.00
6.00	35.00	INT	Pervasively limonitic, siliceous intrusive with occasional quartz eyes.				
6.00	8.00		Frequent quartz eyes.	055984	6.00	8.00	2.00
				055985	8.00	10.00	2.00
				055986	10.00	12.00	2.00
				055987	12.00	14.00	2.00
				055988	14.00	16.00	2.00
				055989	16.00	18.00	2.00
				055990	18.00	20.00	2.00
				055991	20.00	22.00	2.00
21.00	22.50	ARG	Black siliceous argillite asnd 50% soft gr.. "sheared" clayey argillite.	055992	22.00	24.00	2.00
				055993	24.00	26.00	2.00
				055994	26.00	28.00	2.00
				055995	28.00	30.00	2.00
				055996	30.00	32.00	2.00
				055997	32.00	34.00	2.00
				055998	34.00	36.00	2.00
35.00	50.00	ARG	Black, stockworked, siliceous argillite.				
35.00	40.00		20-40% Soft grey phyllitic sediments.	055999	36.00	38.00	2.00
				056000	38.00	40.00	2.00
				056001	40.00	42.00	2.00
				056002	42.00	44.00	2.00
				056003	44.00	46.00	2.00
				056004	46.00	48.00	2.00
				056005	48.00	50.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-665
Grid System : ORIGINAL
Collar Eastings : 21093.700
Collar Northings : 19902.900
Collar Elevations : 1045.000
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 40.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	3.00	INT	Pervasively limonitic, siliceous intrusive.	056005	2.00	4.00	2.00
3.00	7.00	ARG	Black, siliceous, stockworked argillite.	056006	4.00	6.00	2.00
				056007	6.00	8.00	2.00
7.00	10.00	INT	Pervasively limonitic, siliceous intrusive.	056008	8.00	10.00	2.00
8.50	9.50	ARG	Black, siliceous argillite.				
10.00	20.50	FINT	Greenish-grey to limonitic black biotite rich intrusive.	056009	10.00	12.00	2.00
				056010	12.00	14.00	2.00
				056011	14.00	16.00	2.00
				056012	16.00	18.00	2.00
				056013	18.00	20.00	2.00
				056014	20.00	22.00	2.00
20.50	27.40	INT	Pervasively, oxidized, siliceous intrusive.	056015	22.00	24.00	2.00
23.00	25.00	ARG	Black, siliceous stockworked argillite.	056016	24.00	26.00	2.00
				056017	26.00	28.00	2.00
27.40	40.00	SEDS	Cherty grey to brown siltstone and dark grey shale.	056018	28.00	30.00	2.00
				056019	30.00	32.00	2.00
				056020	32.00	34.00	2.00
				056021	34.00	36.00	2.00
				056022	36.00	38.00	2.00
				056023	38.00	40.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-666
Grid System : ORIGINAL
Collar Eastings : 18758.100
Collar Northings : 17174.100
Collar Elevations : 898.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	20.00	INT	Pervasively limonitic intrusive with quartz eyes and abundant, weakly argillically altered feldspars. Intrusive has minor quartz stockwork and rare small black hamatitic chips (hornblende?).	056024	2.00	4.00	2.00
				056025	4.00	6.00	2.00
				056026	6.00	8.00	2.00
				056027	8.00	10.00	2.00
				056028	10.00	12.00	2.00
				056029	12.00	14.00	2.00
				056030	14.00	16.00	2.00
				056031	16.00	18.00	2.00
				056032	18.00	20.00	2.00
20.00	24.00	PINT	Pervasively limonitic intrusive with quartz eyes and abundant, weakly argillically altered feldspars. Minor quartz stockwork and rare small, black, hematitic chips (hornblende?). Black biotite also present - either sparsely distributed or in large clusters.	056033	20.00	22.00	2.00
				056034	22.00	24.00	2.00
24.00	50.00	INT	Pervasively limonitic intrusive with quartz eys and abundant, weakly argillically altered feldspars. Minor quartz stockwork and rare small, black, hematitic chips (hornblende?).	056035	24.00	26.00	2.00
				056036	26.00	28.00	2.00
				056037	28.00	30.00	2.00
				056038	30.00	32.00	2.00
				056039	32.00	34.00	2.00
				056040	34.00	36.00	2.00
				056041	36.00	38.00	2.00
				056042	38.00	40.00	2.00
40.00	50.00		Intensity of argillic alteration increases and quartz stockwork increases. Occasional chips of disseminated pyrite associated with quartz stockwork.	056043	40.00	42.00	2.00
				056044	42.00	44.00	2.00
				056045	44.00	46.00	2.00
				056046	46.00	48.00	2.00
				056047	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-667
Grid System : ORIGINAL
Collar Eastings : 18910.200
Collar Northings : 16870.500
Collar Elevations : 923.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	50.00	INT	Pervasively limonitic intrusive with large, abundant, weakly argillically altered feldspars. Rare quartz stockwork present.	056048	2.00	4.00	2.00
				056049	4.00	6.00	2.00
6.00	10.00		Black hornblendes abundant.	056050	6.00	8.00	2.00
				056051	8.00	10.00	2.00
10.00	14.00		60-80% of chips made up of yellow-white clay.	056052	10.00	12.00	2.00
				056053	12.00	14.00	2.00
				056054	14.00	16.00	2.00
				056055	16.00	18.00	2.00
				056056	18.00	20.00	2.00
				056057	20.00	22.00	2.00
22.00	50.00		Abundant black hornblende crystal aggregates.	056058	22.00	24.00	2.00
				056059	24.00	26.00	2.00
				056060	26.00	28.00	2.00
				056061	28.00	30.00	2.00
				056062	30.00	32.00	2.00
				056063	32.00	34.00	2.00
				056064	34.00	36.00	2.00
				056065	36.00	38.00	2.00
				056066	38.00	40.00	2.00
				056067	40.00	42.00	2.00
				056068	42.00	44.00	2.00
				056069	44.00	46.00	2.00
				056070	46.00	48.00	2.00
				056071	48.00	50.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-668
Grid System : ORIGINAL
Collar Eastings : 18910.400
Collar Northings : 16887.400
Collar Elevations : 924.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	50.00	INT	Pervasively oxidized intrusive with weakly argillically altered feldspars, a large grained matrix, and moderate quartz stockwork.				
2.00	16.00		Occasional hornblende.	056072	2.00	4.00	2.00
				056073	4.00	6.00	2.00
				056074	6.00	8.00	2.00
				056075	8.00	10.00	2.00
				056076	10.00	12.00	2.00
				056077	12.00	14.00	2.00
				056078	14.00	16.00	2.00
16.00	40.00		Abundant black hornblende.	056079	16.00	18.00	2.00
			NOTE: at 30-32m; Contains frequent reddish pink stainng (As or Hg).	056080	18.00	20.00	2.00
				056081	20.00	22.00	2.00
				056082	22.00	24.00	2.00
				056083	24.00	26.00	2.00
				056084	26.00	28.00	2.00
				056085	28.00	30.00	2.00
				056086	30.00	32.00	2.00
				056087	32.00	34.00	2.00
				056088	34.00	36.00	2.00
				056089	36.00	38.00	2.00
				056090	38.00	40.00	2.00
				056091	40.00	42.00	2.00
42.00	48.00		Increase in quartz stockwork and limonite.	056092	42.00	44.00	2.00
			NOTE: at 44-50m; 30-50% Yellow orange clay	056093	44.00	46.00	2.00
				056094	46.00	48.00	2.00
				056095	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-669
Grid System : ORIGINAL
Collar Eastings : 19017.500
Collar Northings : 20264.400
Collar Elevations : 784.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 46.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	4.60	INT	Pervasively limonitic, siliceous intrusive with minor quartz stockwork.	056096	2.00	4.00	2.00
2.50	3.50	ARG	Black, siliceous, stockworked argillite.	056097	4.00	6.00	2.00
4.60	7.00	ARG	Black, siliceous, stockworked, graphitic argillite.	056098	6.00	8.00	2.00
7.00	16.00	INT	Pervasively limonitic, siliceous intrusive with minor quartz stockwork.	056099	8.00	10.00	2.00
9.30	10.20	ARG	Black siliceous, stockworked, graphitic argillite.	056100	10.00	12.00	2.00
				056101	12.00	14.00	2.00
13.60	15.00	ARG	Black siliceous, stockworked, graphitic argillite.	056102	14.00	16.00	2.00
16.00	21.80	QFP	Grey quartz feldspar porphyry with abundant disseminated pyrite and occasional quartz eyes. Minor quartz stockworking.	056103	16.00	18.00	2.00
				056104	18.00	20.00	2.00
18.05	19.95	ARG	Black siliceous, stockworked, graphitic argillite.	056105	20.00	22.00	2.00
21.80	46.00	ARG	Black, siliceous, stockworked, graphitic argillite.	056106	22.00	24.00	2.00
23.90	24.10	QFP	Grey quartz feldspar porphyry with abundant disseminated pyrite and occasional quartz eyes. Minor quartz stockworking.	056107	24.00	26.00	2.00
				056108	26.00	28.00	2.00
27.00	28.60	QFP	Grey quartz feldspar porphyry with abundant disseminated pyrite and occasional quartz eyes. Minor quartz stockworking.	056109	28.00	30.00	2.00
				056110	30.00	32.00	2.00
				056111	32.00	34.00	2.00
32.80	35.00	QFP	Grey quartz feldspar porphyry with abundant disseminated pyrite and occasional quartz eyes. Minor quartz stockworking.	056112	34.00	36.00	2.00
				056113	36.00	38.00	2.00
37.00	38.10		Grey quartz feldspar porphyry with abundant disseminated pyrite and occasional	056114	38.00	40.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. . BCRC 91-669

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
40.00	46.00		quartz eyes. Minor quartz stockworking. Conatins 2-3% pyritic quartz feldspar porphyry.	056115	40.00	42.00	2.00
				056116	42.00	44.00	2.00
				056117	44.00	46.00	2.00

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-670
Grid System : ORIGINAL
Collar Eastings : 21601.000
Collar Northings : 19533.000
Collar Elevations : 952.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 70.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	32.00	SEDS	Grey to brwon fissile shale with limonitic fracture surfaces.	056118	2.00	4.00	2.00
				056119	4.00	6.00	2.00
				056120	6.00	8.00	2.00
				056121	8.00	10.00	2.00
				056122	10.00	12.00	2.00
				056123	12.00	14.00	2.00
				056124	14.00	16.00	2.00
				056125	16.00	18.00	2.00
				056126	18.00	20.00	2.00
				056127	20.00	22.00	2.00
				056128	22.00	24.00	2.00
				056129	24.00	26.00	2.00
				056130	26.00	28.00	2.00
				056131	28.00	30.00	2.00
				056132	30.00	32.00	2.00
32.00	41.00	ARG	Black, siliceous, graphitic, stockworked argillite.	056133	32.00	34.00	2.00
				056134	34.00	36.00	2.00
				056135	36.00	38.00	2.00
36.50	37.50	QFP	White quartz feldspar porphyry with minor disseminated pyrite.	056136	38.00	40.00	2.00
				056137	40.00	42.00	2.00
41.00	70.00	QFP	White to grey fine quartz feldspar porphyry with minor finely disseminated pyrite. Occasional pink and green sericite staining.	056138	42.00	44.00	2.00
				056139	44.00	46.00	2.00
				056140	46.00	48.00	2.00
47.00	48.30	ARG	Black, siliceous, graphitic stockworked argilllite.	056141	48.00	50.00	2.00
50.00	70.00		Each interval contains 3-10% black, siliceous graphitic stockworked argillite.	056142	50.00	52.00	2.00
				056143	52.00	54.00	2.00
				056144	54.00	56.00	2.00
				056145	56.00	58.00	2.00
				056146	58.00	60.00	2.00

NORANDA EXPLORATION C
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-670

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				056147	60.00	62.00	2.00
				056148	62.00	64.00	2.00
				056149	64.00	66.00	2.00
				056150	66.00	68.00	2.00
				056151	68.00	70.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-671
Grid System : ORIGINAL
Collar Eastings : 19016.600
Collar Northings : 20240.500
Collar Elevations : 779.300
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing.				
2.00	10.00	ARG	Black, cherty, stockworked argillite.	056152	2.00	4.00	2.00
3.40	5.00	INT	Pervasively limonitic, siliceous, stock-	056153	4.00	6.00	2.00
			worked intrusive with high argillic	056154	6.00	8.00	2.00
			alteration.				
7.30	8.70	INT	Pervasively limonitic, siliceous, stock-	056155	8.00	10.00	2.00
			worked intrusive with high argillic				
			alteration.				
10.00	18.00	FROST	Permafrost.		10.00	12.00	2.00
					12.00	14.00	2.00
					14.00	16.00	2.00
					16.00	18.00	2.00
18.00	27.00	QFP	Light pink to grey quartz feldspar	056156	18.00	20.00	2.00
			porphyry with coarsely disseminated	056157	20.00	22.00	2.00
			pyrite and minor quartz stockwork.				
21.40	23.00	ARG	Black, siliceous, graphitic, stockworked	056158	22.00	24.00	2.00
			argillite with 1% finely disseminated	056159	24.00	26.00	2.00
			pyrite.				
24.50	25.50	ARG	Black, siliceous, graphitic, stockworked	056160	26.00	28.00	2.00
			argillite with 1% finely disseminated				
			pyrite.				
			NOTE: at 24-28m; Associated with stock-				
			work in both the quartz				
			feldspar porphyry and				
			argillite is 2-3% massive				
			and disseminated arseno-				
			pyrite and <1% massive				
			stibnite.				
27.00	50.00	ARG	Black, siliceous, graphitic, stockworked	056161	28.00	30.00	2.00
			argillite with <1% finely dissminated	056162	30.00	32.00	2.00
			pyrite.				

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-671

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
31.00	32.50	QFP	Light pink to grey quartz feldspar porphyry with coarsely disseminated pyrite and minor quartz stockwork.	056163	32.00	34.00	2.00
				056164	34.00	36.00	2.00
			NOTE: Associated with the quartz stockwork in both the quartz feldspar porphyry and argillite is 1% disseminated and massive arsenopyrite.				
34.60	37.00	QFP	Light pink to grey quartz feldspar porphyry with coarsely disseminated pyrite and minor disseminated pyrite.	056165	36.00	38.00	2.00
				056166	38.00	40.00	2.00
				056167	40.00	42.00	2.00
41.00	43.00	QFP	Light pink to grey quartz feldspar porphyry with coarsely disseminated pyrite and minor disseminated pyrite.	056168	42.00	44.00	2.00
				056169	44.00	46.00	2.00
				056170	46.00	48.00	2.00
47.80	48.20	QFP	Light pink to grey quartz feldspar porphyry with coarsely disseminated pyrite and minor disseminated pyrite.	056171	48.00	50.00	2.00

NORANDA EXPLORATION C

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCRC 91-601A
Grid System : ORIGINAL
Collar Eastings : 21737.600
Collar Northings : 19749.400
Collar Elevations : 965.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -50.00
Grid Bearing : 154.00
Final Depth : 24.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.00	CASING	Casing				
2.00	24.00	INT	Strongly pervasively oxidized quartz feldspar porphyritic intrusive; remnant biotite often altered to white clay; quartz is deeply red-orange in colour.	034351	2.00	4.00	2.00
				034352	4.00	6.00	2.00
				034353	6.00	8.00	2.00
				034354	8.00	10.00	2.00
			NOTE: 0-2m; contains 10% fresh intrusive; limonitic quartz feldspar porphyry with black biotite.	034355	10.00	12.00	2.00
				034356	12.00	14.00	2.00
				034357	14.00	16.00	2.00
			NOTE: 20-24m; contains 5-10% quartz feldspar porphyry (unoxidized quartz feldspar porphyry).	034358	16.00	18.00	2.00
				034359	18.00	20.00	2.00
				034360	20.00	22.00	2.00
				034361	22.00	24.00	2.00

DIAMOND
DRILLING

093027

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-26
Grid System : ORIGINAL
Collar Eastings : 18473.500
Collar Northings : 20255.200
Collar Elevations : 804.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 60.96
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing, no recovery.				
2.44	2.72	CPC	Limonitic chert pebble conglomerate with very thin (< 1mm) quartz stringers.	032901	2.44	3.43	0.99
2.72	12.80	SEDS	Light grey coloured greywacke and black argillaceous shales with white quartz stringers. The unit is extremely weathered and clay rich (gouge?) with abundant limonite, but also contains areas of intense silicification in the form of quartz stringers.	032902	3.43	4.42	0.99
				032903	4.42	6.00	1.58
				032904	6.00	8.00	2.00
				032905	8.00	10.00	2.00
8.69	9.14		Extremely silicified area with 1% disseminated grey sulphide (arsenopyrite ?).	032906	10.00	12.00	2.00
11.68	12.00		Abundant antimony ochre and stibnite with quartz. Prominent core) vein angle is 055 deg.	032907	12.00	14.00	2.00
12.80	20.55	SEDS	Incompetant, blocky limonitic shale with areas of extreme silicification and minor amounts of very fine disseminated sulphide	032908	14.00	16.00	2.00
15.74	16.00		Very silicified. NOTE: At 15.94m; prominent stockwork angle 030 deg.	032909	16.00	18.00	2.00
16.60	16.90		Very silicified with hairline quartz stringers at 005-030 deg.				
17.10	17.20		Very silicified with finely disseminated sulphide, arsenopyrite, and pyrite?				
17.50	19.00		Rock more competant and more silicified.	032910	18.00	20.00	2.00
			NOTE: At 17.75m; 2, 2mm quartz veins envelope an 8mm wide arsenopyrite vein. C) vein = 050 deg. An 8mm wide arsenopyrite vein also rens at 090 deg. in this location. Abundnat scorodite staining.	032911	20.00	22.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-26

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
20.55	20.73	GOUGE	Grey fault gouge with black shale chips contained in it.				
20.73	38.96	SEDS	Fissile grey to green/grey shales with abundant limonitic staining. The unit has areas of intense scorodite staining. The sulphide content is 5-10% arsenopyrite with minor pyrite. The sulphides are very fine grained and disseminated throughout the shales. Hair like stringers as well as stringers up to 4mm wide of arsenopyrite, pyrite, and quartz are also present. Several fault gouge areas are present	032912	22.00	24.00	2.00
				032913	24.00	26.00	2.00
26.00	26.41		Grey brown fault gouge.	032914	26.00	28.00	2.00
				032915	28.00	30.00	2.00
				032916	30.00	32.00	2.00
30.33	30.53		Grey brown fault gouge.				
30.53	30.78		Slickenslides visible on "dollar" disks of core.				
30.78	31.00		Gouge with black shale fragments. NOTE: At 31m; pyrite content increases to 2%. NOTE: At 31.2m; very prominent slickenslides observed on "dollar" disks.	032917	32.00	34.00	2.00
33.07	33.38		Breccia zone with stibnite/quartz veins up to 6mm wide. NOTE: At 34m; core) 1-3mm quartz vein is 045 deg. Stibnite also present.	032918	34.00	36.00	2.00
36.00	38.00		Quartz flooded breccia zone with stibnite, kermesite, and antimony ochre. Abundant scorodite staining also present.	032919	36.00	38.00	2.00
				032920	38.00	40.00	2.00
38.96	41.70	QFP	Weakly oxidized very fine grained quartz feldspar porphyry. The unit is extremely brecciated with quartz stibnite flooding evedent. Pods of stibnite up to 1cm in diameter are present. The most dominant fracture direction appears to be at 045 deg. to the core, but varies from 0-090 deg. The feldspars in the porphyry are	032921	40.00	42.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-26

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			clay altered and green sericite is present.				
41.70	52.00	ARG	Graphitic black argillite and fault breccia. The unit appears to be a fault zone with areas of brecciation and smearing. Graphitic slickenslided zones occur along fracture surfaces. Abundant very fine, unidentifiable (arsenopyrite?, pyrite?) disseminated sulphide present.	032922	42.00	44.00	2.00
43.57	45.00		Limonite staining.	032923	44.00	46.00	2.00
				032924	46.00	48.00	2.00
46.33	46.43	QFP	A 055 deg. contact between graphitic sediments and fine grained quartz feldspar porphyry with 3% pyrite and arsenopyrite.	032925	48.00	50.00	2.00
				032926	50.00	52.00	2.00
52.00	52.33	QFP	Very fine grained quartz feldspar porphyry Feldspars are clay altered. Contains 3-5% pyrite, and abundant quartz stockwork at 055-085 deg. to core. NOTE: At 52m; a very dominant intrusive/ sediment contact - undulating with quartz stringers cross cutting.	032927	52.00	54.00	2.00
52.33	52.88	SEDS	Slightly calcareous light grey greywacke with 5% fine grained sulphide (arsenopyrite?) Cross cutting quartz stockwork veins at 050 deg. to core.				
52.88	53.23	QFP	Very fine grained quartz feldspar porphyry dike with clay altered and sericited feldspars. Contains minor amounts of disseminated sulphide - arsenopyrite and pyrite. NOTE: 52.88m; contact at 045 deg. NOTE: 53.23m; contact at 045 deg. NOTE: The sediments above and below the contact zone are very contorted and fine breccia clast can be observed. Fine (1-3mm) quartz stockwork cross cuts the contacts and seems to take a 050-090 deg attitude				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-26

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
53.23	60.96	ARG	Black graphitic argillite with white quartz stockwork. All fracture surfaces exhibit a graphitic appearance. The stockwork is very contorted but a general 020 deg. attitude is observed. The sediments may contain very finely disseminated sulphides but the graphitic textures seem to obscure them enen under the microscope.	032928	54.00	56.00	2.00
				032929	56.00	58.00	2.00
				032930	58.00	60.00	2.00
				032931	60.00	60.96	0.96

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-27
Grid System : ORIGINAL
Collar Eastings : 18473.400
Collar Northings : 20257.300
Collar Elevations : 804.100
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 29.57
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing, no recovery.				
2.44	5.64	SEDS	Dark grey sandstone with white quartz stockwork. NOTE: at 3.45m; Core ^ stockwork angle=065 deg.	032932 032933	2.44 4.00	4.00 6.00	1.56 2.00
5.64	9.40	GOUGE	Brown/grey fault gouge with grey sandstone and grey greywacke chips up to 2cm in diameter contained within it. Sediment chips are intensely stockworked with white quartz veinlets up to 3mm in width.	032934 032935	6.00 8.00	8.00 10.00	2.00 2.00
9.40	12.19	SEDS	Banded sediments. Grey greywacke layers alternating with limonitic extremely weathered (clay altered) shale/mudstone layers. There is abundant quartz stockwork in both layer types with it being more visible in the greywacke layers. There is approximately 1% fine grained grey sulphide present (arsenopyrite?). Core to bedding angle = 005 deg.	032936 032937	10.00 12.00	12.00 14.00	2.00 2.00
12.19	13.31	SEDS	Extremely limonitic sediments with very fine quartz stringers throughout. (shale/mudstone)				
13.31	16.70	INT	Limonitic quartz fich intrusive. Most igneous textures have been obscured by intense argillic alteration. Resilicification by a pervasive quartz stockwork is evident. The stockwork is on average < .05mm in diameter. Core ^ stockwork angles vary between 0-45 deg.	032938	14.00	16.00	2.00
15.35	15.45		Abundant stibnite pods.	032939	16.00	18.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-27

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
16.70	20.57	SEDS	Extremely limonitic sediments with very fine quartz stringers - shale/mudstone. The contact between this unit and the intrusive above is difficult to distinguish due to the intense limonite staining.				
17.18	17.68		Limonite content decreases, very fissile pale bule/grey shale present.	032940	18.00	20.00	2.00
19.35	19.68		Green stained shales with noticeably less limonite.	032941	20.00	22.00	2.00
20.57	29.57	SEDS	Fissile grey/blue mudstones/shales grading into fissile black argillaceous shales with white quartz stockwork. Core) stockwork angle varies from 0-90 deg.				
20.57	21.14		Grey gouge zone.	032942	22.00	24.00	2.00
22.66	23.43		Gouge zone - clay rich and extremely fractured.	032943	24.00	26.00	2.00
				032944	26.00	28.00	2.00
				032945	28.00	29.57	1.57

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-28
Grid System : ORIGINAL
Collar Eastings : 18477.700
Collar Northings : 20230.200
Collar Elevations : 796.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 63.40
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing, no recovery.				
2.44	3.86	SEDS	Light grey quartz-rich greywacke with fine grained (<.5mm) quartz stockwork.	032946	2.44	4.00	1.56
3.86	7.32	GOUGE	Orange clay-rich gouge zone. Extremely limonitic.				
3.86	4.17		Grey clay with quartz-rich greywacke clasts (up to 1cm in diamater).	032947	4.00	6.00	2.00
5.35	5.45		Band of grey clay with argillite clasts up to 3mm in diamater.	032948	6.00	8.00	2.00
7.32	12.80	INT	Limonitic porphyritic intrusive. Feldspar phenocrysts extremely clay altered. Minor quartz stockworking.	032949	8.00	10.00	2.00
				032950	10.00	12.00	2.00
				032951	12.00	14.00	2.00
12.80	19.50	QFP	Grey/brown quartz feldspar prophyry with 1.2% disseminated pyrite. Oxidized - some areas extremely limonitic.	032952	14.00	16.00	2.00
				032953	16.00	18.00	2.00
16.81	19.50		Extremely limonitic and quartz stockworked pyrite blebs present on fracture surfaces, minor amounts of stibnite.	032954	18.00	20.00	2.00
19.50	40.08	SEDS	Grey greywacke and dark grey to black shales/mudstones. The competancy varies from strong in areas of abundant silicification in the form of quartz stockwork, to poor in areas that are clay-rich and fractured. 5-10% very fine grained disseminated arsenopyrite present. Core) bedding approximately 030 deg. NOTE: 19.50m; contact beetween intrusive and sediments at 030 deg.				
19.50	20.52		Gouge zone - grey clay with silicified greywacke clasts.	032955	20.00	22.00	2.00
				032956	22.00	24.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-28

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			NOTE: At 22m; core ⟩ quartz stockwork 040-070 deg.				
22.33	22.42		Clay-rich zone.				
22.87	23.01		Clay-rich zone.				
24.00	24.16		Clay-rich zone.	032957	24.00	26.00	2.00
24.54	25.17		Extremely broken up and clay rich zone.				
25.58	26.37		Broken up clay-rich zone.	032958	26.00	28.00	2.00
26.37	29.08		Core ⟩ bedding slopes to approximately 60 deg.	032959	28.00	30.00	2.00
				032960	30.00	32.00	2.00
			NOTE: At 27.15m; core to stockwork 30-85 deg.				
			NOTE: At 28.49m; core to stockwork 085-010 deg.				
32.00	34.00		"Cooked" zone, the sediments appear to have been heated.	032961	32.00	34.00	2.00
34.00	34.14		Breccia zone - quartz matrix with sediment clasts 1-2% pyrite and minor arsenopyrite.	032962	34.00	36.00	2.00
34.93	35.11		Quartz vein/dyke? Very silicified with yellow/green staining 1-3% pyrite present as finely disseminated cubes and pyritahedrons 1-2% ascicular arsenopyrite. Stockworking within the vein also apparent Contact at 015 deg. has a 2mm wide quartz vein cross cutting it. At bottom end of section (35.08 - 11m) small zone of a very fine grained brown intrusive. NOTE: Vein dyke has a calcareous matrix.	032963	36.00	38.00	2.00
37.66	37.67		1cm wide quartz vein. Core ⟩ vein approximately 030 deg.	032964	38.00	40.00	2.00
38.78	38.82		4cm silicified zone with minor disseminated pyrite and arsenopyrite.	032965	40.00	42.00	2.00
40.08	40.17	QFP	Light grey dyke; very fine grained with 2% pyrite and minor arsenopyrite. Abundant quartz stockwork. Contact at 40.08m, 040 deg. Contact at 40.17m, 025 deg.				
40.17	40.22	SEDS	Dark grey quartz stockworked greywacke with minor disseminated pyrite. Graphitic fracture surfaces.				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-28

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
40.22	40.27	QFP	Light grey dyke; very fine grained with 2% pyrite and minor arsenopyrite. Abundant quartz stockwork. Unoxidized. Contact at 40.22m, 050 deg. Contact at 40.27m, 030 deg.				
40.27	43.54	SEDS	Pyritiferous mudstone/shale with finely disseminated arsenopyrite (<2%). Very quartz stockworked. Stockwork is very mottled and has been cross-cut by younger quartz stockwork. NOTE: At 40.93m; quartz veins in stibnite (0.5cm) cross cut pyritiferous quartz veins (0.5cm). NOTE: At 43.23m; Area contains blebs of massive arsenopyrite.	032966	42.00	44.00	2.00
43.54	44.32	QFP	Fine grained light grey dyke with strongly clay altered feldspar phenocrysts and 1-2% pyrite, unoxidized.				
43.54	43.64		A 2mm wide quartz vein (090 deg.) runs parallel to core and has a 3mm argillic alteration zone adjacent to either side of vein.				
43.64	43.68	SEDS	Graphitic shale/mudstone. NOTE: At 44.32m; fault contact 060 deg.	032967	44.00	46.00	2.00
44.32	46.33	SEDS	Fault zone. Silicified greywacke clasts with disseminated pyrite and pods (up to 3cm by 1cm) of pyrite in a clay-rich matrix. NOTE: At 46m; silkensides 080 deg.	032968	46.00	48.00	2.00
46.33	52.00	QFP	Light grey pyritic quartz feldspar porphyry with clay altered feldspar phenocrysts and quartz/stibnite veining. NOTE: At 48.41m; 035 deg. - 5mm wide quartz vein with a 1mm wide stibnite vein in the center.	032969	48.00	50.00	2.00
49.10	50.10		Graphitic black shale clasts in black clay	032970	50.00	52.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-28

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			rich matrix, some interbeds of siliceous greywacke. NOTE: At 50.75m; 020 deg. quartz stock-working.				
50.92	51.32		Fault zone. Top contact approximately 010 deg. Bottom contact approximately 015 deg. Fault consists of graphitic black sediments with greywacke interbeds.				
52.00	63.40	SEDS	Grey greywacke and black graphitic argillite which has been intruded by numerous small quartz feldspar porphyry dykes. The sediments have been heated and contorted and are quite pyritic (<2%) and contian minor arsenopyrite. NOTE: At 52m; FAULT CONTACT QUARTZ FELDSPAR PORPHYRY/SEDIMENTS 085 DEG.	032971	52.00	54.00	2.00
53.85	54.36		Fine grained pyritic, quartz feldspar porphyry dyke. Contacts to mottled to measure	032972	54.00	56.00	2.00
55.47	55.62		Fine grained pyritic quartz feldspar porphyry dyke. Top contact 030 deg. lower 080 deg.				
55.90	57.49		Fine grained pyritic quartz feldspar porphyry dyke. Lower contact approximately 020 degrees	032973 032974	56.00 58.00	58.00 60.00	2.00 2.00
59.28	59.38		Fine grained pyritic quartz feldspar porphyry dyke. Top contact 030 deg. lower contact 040 deg. Lower contact extremely graphitic.				
59.48	59.76		Fine grained pyritic quartz feldspar porphyry dyke wtih pink staining. Upper contact too mottled to measure; lower contact 035 deg. Lower contact marked by graphitic slickenside surfaces at 050 deg.				
60.00	61.60		Sediments extremely graphitic.	032975	60.00	62.00	2.00
61.60	62.00		Fine grained pyritic quartz fledspar porphyry dyke. Lower contact 010 deg. NOTE: At 62.18m; silckensides. NOTE: At 62.34m; 030 deg. quartz vein offsets a 070 deg. quartz vein by 0.8cm.	032976	62.00	63.40	1.40

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-28

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
62.18	63.40		Most predominant stockwork direction is 030 deg. but it varies from 020 - 085 deg.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-29
Grid System : ORIGINAL
Collar Eastings : 18477.700
Collar Northings : 20232.200
Collar Elevations : 796.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 51.82
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing, no recovery.				
2.44	41.91	SEDS	Silicified grey greywacke; slicified grey greywacke clasts in clay matrix and extremely weathered limonite stained mudstone with abundant quartz stockwork.				
2.44	10.00		Greywacke in clay matrix.	032977	2.44	4.00	1.56
				032978	4.00	6.00	2.00
				032979	6.00	8.00	2.00
				032980	8.00	10.00	2.00
10.00	11.60		Limonitic stained mustone.	032981	10.00	12.00	2.00
11.60	13.56		Greywacke in clay matrix.	032982	12.00	14.00	2.00
13.56	13.66		Mudstone core) bedding approximately 060 deg.				
13.66	14.34		Greywacke in clay matirix.	032983	14.00	16.00	2.00
14.34	16.31		Mudstone	032984	16.00	18.00	2.00
16.31	18.75		Silicified greywacke with green scorodite staining and quartz stringers up to 1cm in diameter. Very limonitic.	032985	18.00	20.00	2.00
18.75	20.27		Gouge zone.	032986	20.00	22.00	2.00
20.27	20.88		Quartz stockworked shales/mudstones.				
20.88	22.70		Gouge zone.	032987	22.00	24.00	2.00
22.70	23.15	BRECC	Silicified greywacke clasts in a quartz matrix. Minor stibnite.				
23.15	24.00	DYKE	Fine grained light blue dyke with 5-10% arsenopyrite and <2% pyrite. Abundant green scorodite staining and quartz stockwork. Core) stockwork 0-080 deg. with 080 deg. most prominent.				
24.00	24.22	BRECC	Silicified greywacke clasts in a quartz matrix. Minor stibnite.	032988	24.00	26.00	2.00
24.22	24.93		Black shale with white quartz stockwork at 045-085 deg.				
24.93	25.17		Fine grained light blue dyke with scorodite staining and quartz stockwork. Core)				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-29

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			stockwork approximately 0-050 deg.				
25.17	25.60		Limonitic black shale				
25.60	25.94		Limonitic quartz-rich intrusive with pyritic pods and quartz stringers. Upper contact with sediments at 055 deg. Lower contact obscurred.				
25.95	26.40		Silicified greywacke.	032989	26.00	28.00	2.00
26.40	29.08		Mudstone/shale core ⟩ bedding 030 deg.	032990	28.00	30.00	2.00
29.08	32.00		Extremely broken up mudstones with clay-rich areas.	032991	30.00	32.00	2.00
32.00	32.61		Black mudstone with limonitic bands and quartz stockwork.	032992	32.00	34.00	2.00
32.61	36.00		Fault zone - extremely broken up. NOTE: At 34-34.3m; massive stibnite.	032993	34.00	36.00	2.00
36.00	40.84		Mudstone, medium grey in colour, with 5-10% finely disseminated needles of arsenopyrite. Some areas quartz stockworked with core ⟩ stockwork 070-040 deg.	032994	36.00	38.00	2.00
				032995	38.00	40.00	2.00
				032996	40.00	42.00	2.00
40.84	40.94		Quartz stibnite breccian zone.				
40.94	41.91		Extremely broken up mudstones fault zone.				
41.91	43.30	QFP	Slightly limonitic quartz feldspar porphyry. Very fine grained with quartz-stibnite stockworking. Core ⟩ stockwork most prominent at 0, 030, and 055 deg. with the 055 deg. being the thickest, veining up to 1cm.	032997	42.00	44.00	2.00
43.30	43.40	SEDS	Graphitic clay-rich zone of black mudstone fault.				
43.40	43.90	QFP	Fine grained limonitic quartz feldspar porphyry with quartz stibnite stockwork. Core ⟩ stockwork approximately 030 deg.				
43.90	45.62	SEDS	Graphitic clay-rich zone of black mudstone shale with white quartz stockwork, fault.	032998	44.00	46.00	2.00
45.62	46.94	QFP	Pyritic fine grained quartz feldsapr porphyry with white quartz stockwork core ⟩ stockwork approximately 050-090 deg.	032999	46.00	48.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-29

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
46.50	46.60		Black graphitic sediments with a 3cm wide dyke in the center. Faulted. Silckenside surfaces at upper and lower contacts. Contacts are graphitic core) contact approximately 020-025 deg.				
46.94	48.00	SEDS	Black graphitic sediments with contorted white quartz stockwork. Very broken up.				
48.00	50.00	QFP	Feldspars, green mica (fuchsite?) present in fine stockwork veins. Pink mica (lapidolite?) present on fracture surfaces. Grey disseminated sulphide present (arsenpyrite or pyrite).	033000	48.00	50.00	2.00
48.77	48.90		Graphitic black sediments.				
50.00	51.50	SEDS	Black graphitic argillite with contorted white quartz stockwork.	033001	50.00	51.82	1.82
51.50	51.82	QFP	Limonitic brown quartz feldspar porphyry dyke grading into a black matrixed breccia with dyke clasts somewhat pyritic.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-30
Grid System : ORIGINAL
Collar Eastings : 18474.300
Collar Northings : 20202.400
Collar Elevations : 790.700
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 56.80
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing, no recovery.				
3.66	4.03	SEDS	Chert pebble conglomerate.	033002	3.66	4.00	0.34
				033003	4.00	6.00	2.00
4.03	5.18	INT	Limonitic porphyritic quartz rich intrusive.				
5.18	23.77	SEDS	Silicified greywackes and incompetent extremely weathered mudstones/shales.				
5.18	6.10		Extremely fractured mudstones in a brown clay rich matrix.	033004	6.00	8.00	2.00
6.10	6.61		Grey silicified greywacke C) bedding =035 deg.				
6.61	7.65		Extremely fractured mudstones in a brown clay rich matrix.				
7.65	8.00		Grey silicified greywacke core) bedding 030 deg.				
8.00	8.69		Brown mudstone. Extremely fractured.	033005	8.00	10.00	2.00
8.69	8.79		Silicified grey greywacke - extremely fractured.				
8.79	10.00		Fractured and weathered brown mudstone with minor silicified greywacke.				
10.00	11.43		Black shale with minor bands of silicified grey greywacke C) bedding 030 deg.	033006	10.00	12.00	2.00
11.43	13.41		Very fractured brown clay rich zone with mudstone chips.	033007	12.00	14.00	2.00
13.41	16.00		Black shales with green staining on fracture surfaces. NOTE: 0% recovery at 14.02-14.48m.	033008	14.00	16.00	2.00
16.00	16.92		Silicified grey greywacke with white quartz stockwork veins up to 3mm wide. C) vein approximately 040 deg.	033009	16.00	18.00	2.00
16.92	17.18		Black shale.				
17.18	17.68		Grey greywacke with white quartz stockwork				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-30

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			and limonite staining.				
17.68	18.54		Extremely fractured and graphitic black shales.	033010	18.00	20.00	2.00
18.54	20.42		Grey greywacke with white quartz stockwork and limonitic fracture surfaces. Core) stockwork 000-090 deg.	033011	20.00	22.00	2.00
20.42	21.72		Grey/black mudstone/shale.				
21.72	23.77		Grey stockworked greywacke. Core) stockwork approximately 050 deg., but varies from 0-90 deg. veins up to 0.5cm in width. Minor disseminated pyrite.	033012	22.00	24.00	2.00
23.77	31.48	INT	Limonitic porphyritic intrusive with moderately clay altered feldspar phenocrysts.	033013	24.00	26.00	2.00
				033014	26.00	28.00	2.00
			< 3% disseminated pyrite and also pyrite	033015	28.00	30.00	2.00
			pods up to 1.5cm in diameter. Some quartz stockworking at 085-045 deg. Limonitic fracture surfaces. Lower contact at approximately 030 deg.	033016	30.00	32.00	2.00
31.48	42.00	SEDS	Brown/grey mudstones and shales with areas of silicified greywacke. Minor disseminated sulphides.				
31.48	33.63		Brown and grey banded mudstone.	033017	32.00	34.00	2.00
33.63	34.27		Fault zone. Extremely fractured with clay gouge.	033018	34.00	36.00	2.00
34.27	36.46		Black shales with white quartz stockwork and finely disseminated arsenopyrite(<2%).	033019	36.00	38.00	2.00
36.46	36.56		Black greywacke with white quartz stockwork and pyrite pods (<3%), disseminated arsenopyrite <2%.				
36.56	38.96		Dark grey/black shales with white quartz stockwork and finely disseminated arsenopyrite (<2%). C) bedding 035 deg. C) stockwork = 0-90 deg.	033020	38.00	40.00	2.00
38.96	40.23		Extremely fractured, clay rich zone with abundant quartz.	033021	40.00	42.00	2.00
40.23	41.76		Balck shales with white quartz stockwork (000- 90 deg.) and quartz filled extension gashes (060 deg.).				
41.76	42.00		Gouge zone.				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-30

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
42.00	49.23	BRECC	Breccia zone. Shale clasts in a quartz arsenopyrite, stibnite, pyrite matrix. Sulphides comprise up to 10-15% of the matrix in some areas, < 5% in others. Clasts are slightly graphitic and contain finely disseminated pyrite and arseno-pyrite. Clasts vary from < 1mm to 10cm in diameter.	033022	42.00	44.00	2.00
				033023	44.00	46.00	2.00
				033024	46.00	48.00	2.00
46.48	46.55		Clay rich gouge zone. NOTE: At 46.94m; stockwork 050-060 deg. most common.	033025	48.00	50.00	2.00
48.03	48.06		Clay rich gouge zone. Lower contact at 025 deg.				
49.23	52.83	SEDS	Black shales with minor disseminated sul-phide and white quartz stockwork. C > stockwork 020-045 deg.	033026	50.00	52.00	2.00
51.05	51.82		Gouge zone.	033027	52.00	54.00	2.00
52.83	54.00	QFP	Fine grained quartz feldspar porphyry. Tan with grey smears of pyrite adjacent to quartz veins. Rock has < 1% disseminated pyrite as well. Quartz vein > core 030-060 deg. Green alteration mineral present. (name still a mystery!)				
54.00	56.08	SEDS	Black graphitic ahsle. Extremely clay rich may be a gouge zone. Minor disseminated pyrite present. Upper contact parallels bedding at 050 deg.	033028	54.00	56.08	2.08
54.87	55.47		More silicified zone - competent.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-31
Grid System : ORIGINAL
Collar Eastings : 18474.300
Collar Northings : 20204.000
Collar Elevations : 790.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 50.27
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.88	CASING	Casing, no recovery.				
4.88	9.00	OVRBD	Overburden, mix of limonitic intrusive, brown and black mudstone, and argillite.	033030	4.88	6.00	1.12
				033031	6.00	8.00	2.00
				033032	8.00	10.00	2.00
9.00	14.00	SEDS	Soft, brown and black phyllitic mudstone.	033033	10.00	12.00	2.00
				033034	12.00	14.00	2.00
14.00	21.00	SEDS	Soft, black argillite, black greywacke and minor brown mudstone. Abundant fine white quartz stockwork.	033035	14.00	16.00	2.00
				033036	16.00	18.00	2.00
				033037	18.00	20.00	2.00
				033038	20.00	22.00	2.00
21.00	27.00	INT	Limonitic, porphyritic intrusive. Abundant disseminated pyrite.	033039	22.00	24.00	2.00
				033040	24.00	26.00	2.00
				033041	26.00	28.00	2.00
27.00	30.50	ARG	Black, soft argillite. Abundant quartz stockwork; disseminated pyrite.	033042	28.00	30.00	2.00
29.00	30.00		Brecciated argillite quartz veining up to 5cm.	033043	30.00	32.00	2.00
30.50	47.00	SEDS	Soft, brown and black mudstone. Graphitic argillite. Interbeded brown sandstone and greywacke at 36, 40, and 43m (0.5m wide beds).	033044	32.00	34.00	2.00
				033045	34.00	36.00	2.00
				033046	36.00	38.00	2.00
				033047	38.00	40.00	2.00
				033048	40.00	42.00	2.00
				033049	42.00	44.00	2.00
				033050	44.00	46.00	2.00
				033051	46.00	48.00	2.00
47.00	47.50	QFP	Grey quartz feldspar porphyry, minor pyrite.				
47.50	49.50	ARG	Black graphitic argillite.	033052	48.00	50.27	2.27

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-31

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
49.50	50.27	QFP	Grey, siliceous quartz feldspar porphyry, course disseminated pyrite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-32
Grid System : ORIGINAL
Collar Eastings : 18419.000
Collar Northings : 20235.000
Collar Elevations : 808.500
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 39.62
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	6.10	CASING	CASING, no recovery.				
6.10	9.00	OVRBD	Overburden, mix of limonitic intrusive, argillite, and mudstone.	033053	6.10	8.00	1.90
				033054	8.00	10.00	2.00
9.00	15.80	INT	Limonitic, quartz rich intrusive. Abundant quartz stockwork. Intence oxidation from 9-12.5m.	033055	10.00	12.00	2.00
				033056	12.00	14.00	2.00
				033057	14.00	16.00	2.00
15.80	22.00	SEDS	Brecciated argillite, abundant red and white quartz, minor greywacke and mudstone. Abundant stibnite from 20-22m (in stringers and veins up to 1cm).	033058	16.00	18.00	2.00
				033059	18.00	20.00	2.00
				033060	20.00	22.00	2.00
22.00	24.50	INT	Limonitic intrusive, abundant quartz and stibnite veining and stockwork.	033061	22.00	24.00	2.00
				033062	24.00	26.00	2.00
24.50	27.00	ARG	Black graphitic argillite.	033063	26.00	28.00	2.00
27.00	39.62	SEDS	Brown mudstone. Soft, fissile, no quartz veining.	033064	28.00	30.00	2.00
				033065	30.00	32.00	2.00
			NOTE: Core to bedding angle 50 deg. from 26-39.62m.	033066	32.00	34.00	2.00
				033067	34.00	36.00	2.00
				033068	36.00	38.00	2.00
				033069	38.00	39.62	1.62

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-33
Grid System : ORIGINAL
Collar Eastings : 18415.200
Collar Northings : 20210.800
Collar Elevations : 804.800
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 56.39
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	6.10	CASING	Casing				
6.10	7.30	SEDS	Black greywacke, abundant quartz stockwork.	033071	6.10	8.00	1.90
7.30	17.00	INT	Limonitic, quartz rich, porphyritic intrusive, minor 10-30cm sections of less oxidized blue intrusive (QFP).	033072	8.00	10.00	2.00
				033073	10.00	12.00	2.00
				033074	12.00	14.00	2.00
				033075	14.00	16.00	2.00
				033076	16.00	18.00	2.00
17.00	45.00	ARG	Black, graphitic argillite, abundant quartz stockwork.	033077	18.00	20.00	2.00
20.00	21.00		Minor 1m thick bed of light brown mudstone.	033078	20.00	22.00	2.00
				033079	22.00	24.00	2.00
			NOTE: Argillite has abundant kermesite and stibnite from 25-29m, with fine disseminated pyrite from 25-30m.	033080	24.00	26.00	2.00
				033081	26.00	28.00	2.00
				033082	28.00	30.00	2.00
				033083	30.00	32.00	2.00
				033084	32.00	34.00	2.00
				033085	34.00	36.00	2.00
				033086	36.00	38.00	2.00
				033087	38.00	40.00	2.00
				033088	40.00	42.00	2.00
				033089	42.00	44.00	2.00
				033090	44.00	46.00	2.00
45.00	47.00	DYKE	Brown dyke, fine quartz and stibnite veining.	033091	46.00	48.00	2.00
47.00	51.00	BRECC	Brecciated greywacke, abundant quartz stockwork.	033092	48.00	50.00	2.00
				033093	50.00	52.00	2.00
51.00	52.00	DYKE	Brown dyke, no quartz or stibnite veining.				
52.00	56.39	SEDS	Grey shale, core to bedding angle =70 deg.	033094	52.00	54.00	2.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-33

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				033095	54.00	56.39	2.39

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : ECDDH 91-34
Grid System : ORIGINAL
Collar Eastings : 20153.400
Collar Northings : 19980.500
Collar Elevations : 938.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 27.43
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	20.50	INT	Limonitic, porphyritic intrusive abundant quartz and manganese oxide stockwork. Quartz eyes, minor feldspr alteration.	033110	3.66	6.00	2.34
				033111	6.00	8.00	2.00
				033112	8.00	10.00	2.00
				033113	10.00	12.00	2.00
11.00	13.00		Less oxidized, small (10cm) patches of blue unoxidized intrusive.	033114	12.00	14.00	2.00
				033115	14.00	16.00	2.00
16.00	20.00		Increases in limonite and argillite alteration.	033116	16.00	18.00	2.00
				033117	18.00	20.00	2.00
				033118	20.00	22.00	2.00
20.50	27.43	ARG	Black argillite, low recovery. Abundant white quartz veining.	033119	22.00	24.00	2.00
				033120	24.00	26.00	2.00
				033121	26.00	27.43	1.43

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-35
Grid System : ORIGINAL
Collar Eastings : 20153.400
Collar Northings : 19978.500
Collar Elevations : 938.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 34.75
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	30.48	INT	Quartz-rich, limonitic intrusive.				
3.66	10.00		Fractured, minor quartz veining, remnant altered biotite.	033096	3.66	6.00	2.34
				033097	6.00	8.00	2.00
				033098	8.00	10.00	2.00
10.00	23.00		Competent, less limonite with quartz eyes and moderately clay altered feldspar phenocrysts.	033099	10.00	12.00	2.00
				033100	12.00	14.00	2.00
				033101	14.00	16.00	2.00
				033102	16.00	18.00	2.00
				033103	18.00	20.00	2.00
				033104	20.00	22.00	2.00
				033105	22.00	24.00	2.00
23.00	28.00		Intensely fractured, increases in limonite quartz stockwork and feldspar alteration.	033106	24.00	26.00	2.00
				033107	26.00	28.00	2.00
28.00	28.50		Black graphatic argillite.	033108	28.00	30.00	2.00
28.50	30.48		Limonitic intrusive, intensely fractured, increases in limonite, quartz stockwork and feldspar alteration.	033109	30.00	32.00	2.00
30.48	34.75	ARG	Black argillite (consistancy of mud) (less than 2% recovery)		32.00	34.75	2.75

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-36
Grid System : ORIGINAL
Collar Eastings : 20150.000
Collar Northings : 19958.200
Collar Elevations : 929.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 36.58
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.88	CASING	Casing				
4.88	32.00	INT	Limonitic intrsuvie. Abundant light brown (altered) biotite and light grey/white clay altered fledspar phenocrysts. Patches of manganese oxide rich quartz stockwork.	033122	4.88	6.00	1.12
				033123	6.00	8.00	2.00
				033124	8.00	10.00	2.00
				033125	10.00	12.00	2.00
				033126	12.00	14.00	2.00
				033127	14.00	16.00	2.00
				033128	16.00	18.00	2.00
				033129	18.00	20.00	2.00
				033130	20.00	22.00	2.00
22.00	26.00		Decreases in oxidation, small patches of blue unoxidized intrusion (up to 20cm).	033131	22.00	24.00	2.00
				033132	24.00	26.00	2.00
				033133	26.00	28.00	2.00
				033134	28.00	30.00	2.00
				033135	30.00	32.00	2.00
32.00	36.58	ARG	Black, graphitic argillite. Abundant white quartz stockwork.	033136	32.00	34.00	2.00
32.90	33.15		25cm band of limonitic intrusive.	033137	34.00	36.58	2.58

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-37
Grid System : ORIGINAL
Collar Eastings : 20753.800
Collar Northings : 19893.300
Collar Elevations : 1020.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 25.91
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing				
2.44	23.50	INT	Limonitic, siliceous porphyritic intrusive Quartz eyes in intrusive from 8m.	033185	2.44	4.00	1.56
4.00	5.00		<10cm blobs of unoxidized intrusive within intrusive; biotite altered to sericite.	033186	4.00	6.00	2.00
6.00	7.50		Extremely limonitic stockwork, appears sheared in some places, stibnite in stringers.	033187	6.00	8.00	2.00
				033188	8.00	10.00	2.00
8.50	10.00		Extremely limonitic stockwork, appears sheared in some places, stibnite in stringers.	033189	10.00	12.00	2.00
				033190	12.00	14.00	2.00
14.00	18.00		Extremely limonitic stockwork, appears sheared in some places, stibnite in stringers.	033191	14.00	16.00	2.00
				033192	16.00	18.00	2.00
				033193	18.00	20.00	2.00
20.00	22.00		Patches of unoxidized intrusive with fine grained disseminated pyrite.	033194	20.00	22.00	2.00
				033195	22.00	24.00	2.00
23.50	25.91	ARG	Shattered, cherty argillite with minor graphitic component, approximately 30% soft grey mudstone plus clay. Approximately 24m - .5mm amber-red, soft, translucent crystals.	033196	24.00	25.91	1.91

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-38
Grid System : ORIGINAL
Collar Eastings : 20753.800
Collar Northings : 19891.800
Collar Elevations : 1020.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 26.20
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing				
2.44	24.10	INT	Limonitic, siliceous, porphyritic intrusive.	033173	2.44	4.00	1.56
				033174	4.00	6.00	2.00
				033175	6.00	8.00	2.00
				033176	8.00	10.00	2.00
9.50	14.00		Abundant limonitic stockwork - extreme pervasive oxidation.	033177	10.00	12.00	2.00
				033178	12.00	14.00	2.00
				033179	14.00	16.00	2.00
				033180	16.00	18.00	2.00
				033181	18.00	20.00	2.00
20.00	21.00		Unoxidized intrusive with trace pyrite.	033182	20.00	22.00	2.00
21.00	24.00		Abundant limonitic stockwork - extreme pervasive oxidation.	033183	22.00	24.00	2.00
				033184	24.00	26.20	2.20
24.10	26.20	ARG	Black, slightly graphitic argillite. Approximately 50% of interval, argillite has sheared to greenish-orange clay (gouge).				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-39
Grid System : ORIGINAL
Collar Eastings : 20755.800
Collar Northings : 19864.100
Collar Elevations : 1011.900
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 32.92
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing				
2.44	4.35	F*INT	Weakly to moderately oxidized porphyritic intrusive with abundant black to dark brown biotite. Some boitite altering to whitish clay.	033157	2.44	4.00	1.56
				033158	4.00	6.00	2.00
4.35	26.50	INT	Limonitic quartz feldspar porphyritic intrusive, < 0.5m sections of fresh intrusive from 10-16m.	033159	6.00	8.00	2.00
				033160	8.00	10.00	2.00
				033161	10.00	12.00	2.00
				033162	12.00	14.00	2.00
				033163	14.00	16.00	2.00
				033164	16.00	18.00	2.00
16.40	22.00		Abundant quartz stockwork; 15cm bull quartz vein at 21.5m.	033165	18.00	20.00	2.00
				033166	20.00	22.00	2.00
				033167	22.00	24.00	2.00
				033168	24.00	26.00	2.00
				033169	26.00	28.00	2.00
26.50	31.25	ARG	Black, shattered, moderately graphitic argillite with moderate quartz stockwork. Contact with intrusive gradational (i.e. not abrupt), core to bedding angle 45 deg.	033170	28.00	30.00	2.00
				033171	30.00	32.00	2.00
31.25	32.92	INT	Limonitic quartz feldspar porphyritic intrusive, < 0.5m sections of fresh intrusive from 10-16m.	033172	32.00	32.92	0.92

NORANDA EXPLORATION

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-40
Grid System : ORIGINAL
Collar Eastings : 20755.800
Collar Northings : 19862.600
Collar Elevations : 1011.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 39.62
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.05	CASING	Casing				
3.05	8.00	P*INT	Limonitic, porphyritic intrusive with intense limonitic stockwork from 7-8m. Spotty black fine grained (0.5mm) biotite.	033138	3.05	4.00	0.95
				033139	4.00	6.00	2.00
				033140	6.00	8.00	2.00
8.00	39.62	INT	Limonitic porphyritic intrusive, minor sections with biotite altered to sericite. 1m sections where rock has completely clay-altered to brown "mush". Quartz (1-5mm) eyes throughout.	033141	8.00	10.00	2.00
				033142	10.00	12.00	2.00
				033143	12.00	14.00	2.00
				033144	14.00	16.00	2.00
				033145	16.00	18.00	2.00
				033146	18.00	20.00	2.00
				033147	20.00	22.00	2.00
				033148	22.00	24.00	2.00
				033149	24.00	26.00	2.00
				033150	26.00	28.00	2.00
				033151	28.00	30.00	2.00
				033152	30.00	32.00	2.00
30.50	31.00	INT	Patches (<10cm) of unoxidized intrusive containing very fine grained disseminated pyrite.	033153	32.00	34.00	2.00
				033154	34.00	36.00	2.00
				033155	36.00	38.00	2.00
37.50	38.85	INT	Patches (<10cm) of unoxidized intrusive containing very fine grained disseminated pyrite.	033156	38.00	39.62	1.62

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-41
Grid System : ORIGINAL
Collar Eastings : 21064.700
Collar Northings : 19811.200
Collar Elevations : 1002.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 40.23
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.88	CASING	Casing				
4.88	33.10	INT	Strongly limonitic, siliceous, altered porphyritic intrusive; abundant hematite and manganese oxide; remnant biotite; moderate to strong clay alteration; rock very incompetent; abundant limonitic stockwork.	033379	4.88	6.00	1.12
				033380	6.00	8.00	2.00
				033381	8.00	10.00	2.00
				033382	10.00	12.00	2.00
				033383	12.00	14.00	2.00
				033384	14.00	16.00	2.00
16.00	16.40	ARG	Black, clay-rich, soft graphitic argillite with minor limonite.	033385	16.00	18.00	2.00
				033386	18.00	20.00	2.00
				033387	20.00	22.00	2.00
20.30	20.50	SHEAR	Orange gouge.				
21.40	21.60		Blue, bleached, strongly clay-altered, sheared intrusive; limonitic.				
22.00	26.00		Stibnite and kermesite as stringers and pods.	033388	22.00	24.00	2.00
				033389	24.00	26.00	2.00
				033390	26.00	28.00	2.00
			NOTE: 24.4-24.8; approximately 40% bluish unoxidized siliceous porphyritic intrusive with strong limonitic stockwork, trace fine grained disseminated pyrite.				
			NOTE: 24.8-27.6m; bluish-grey siliceous porphyritic intrusive; patchy light pervasive oxidation; strong limonitic and hematitic stockwork; feldspar crystals <2cm.				
27.70	27.80		Crumbly limonitic sheared intrusive; angle to core approximately 30 deg.				
27.80	31.00		Strongly limonitic siliceous porphyritic intrusive with very strong limonitic stockwork; 35% patchy bluish-grey unoxidized intrusive with trace pyrite; much hematite; minor slickensides.	033391	28.00	30.00	2.00
				033392	30.00	32.00	2.00
31.00	31.80	ARG	Black silicified graphitic argillite; limonitic and hematitic in fractures; some				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-41

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			grey clay at contact with lower intrusive. NOTE: 31.85m; stibnite vein; 0.5cm wide at approximately 35 deg. to core; kermesite.				
31.85	33.10		Bluish grey, very siliceous porphyritic intrusive; feldspars altered to clay; strong limonitic; hematitic and kermesitic stockwork; 2% stibnite as pods (<2cm) and stringers (up to 0.5cm thick); associated kermesite.	033393	32.00	34.00	2.00
33.10	34.00	ARG	Black cherty argillite; makes transitional contact with upper intrusive at approximately 45 deg.; strong quartz stockwork in argillite nearest upper contact; slightly graphitic near bottom of interval; contact with lower intrusive at aproximately 20 deg. to core.				
34.00	35.00	INT	Oxidized, silicified quartz feldspar porphyritic intrusive with strong limonitic stockwork; 20% patchy unoxidized intrusive.	033394	34.00	36.00	2.00
35.00	36.10	ARG	Black cherty argillite with moderate quartz and limonitic stockwork.	033395	36.00	38.00	2.00
36.10	40.23	INT	Strongly limonitic silicified porphyritic intrusive with abundant limonitic stockwork; 20% patchy unoxidized intrusive.	033396	38.00	40.23	2.23
39.00	40.23		Grey, whitish siliceous porphyritic intrusive; feldspars still fairly fresh; patchy pervasive oxidation; moderate limonitic stockwork; very competent fine grained disseminated pyrite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-42
Grid System : ORIGINAL
Collar Eastings : 21177.700
Collar Northings : 19958.400
Collar Elevations : 1058.600
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 25.91
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	3.85	INT	Crumbly greenish-orange strongly oxidized intrusive with trace stibnite. Minor hematite staining.	033197	3.66	6.00	2.34
3.85	4.42	ARG	Black cherty argillite; contacts with intrusive, very "chewed-up".				
4.42	6.30	INT	Extremely limonitic, porphyritic intrusive crumbles in hand; minor hematite staining at contact with lower muds.	033198	6.00	8.00	2.00
6.30	10.65	MUDS	Dark grey mudstone; very, very soft and wet; contains 5-10% oxidized intrusive.	033199 033200	8.00 10.00	10.00 12.00	2.00 2.00
10.65	18.90	INT	Very limonitic, very crumbly quartz feldspar porphyritic intrusive with high argillite alteration. Minor to moderate hematite staining; abundant rusty quartz	033201 033202	12.00 14.00	14.00 16.00	2.00 2.00
16.00	17.00		90% dark grey clay-rich muds with minor silica. NOTE: 18-19m; extremely clay-altered intrusive.	033203 033204	16.00 18.00	18.00 20.00	2.00 2.00
18.90	25.91	ARG	Black argillite.	033205	20.00	22.00	2.00
20.20	21.50		Graphitic argillite.				
22.00	23.50		Cherty argillite with rusty crumbly patches.	033206	22.00	24.00	2.00
23.50	25.00		Crumbly cherty argillite.	033207	24.00	25.91	1.91
25.00	25.91		Graphitic argillite.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-43
Grid System : ORIGINAL
Collar Eastings : 21176.300
Collar Northings : 19917.600
Collar Elevations : 1054.500
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 62.18
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	15.60	INT	Crumbly, strongly limonitic quartz feldspar porphyritic intrusive with intense rusty stockwork; minor hematite in fractures; trace remnant pyrite.	033232	3.66	6.00	2.34
4.62	4.72		Black argillite with tight orangey-brown clay in fractures.				
5.00	6.00	P*INT	Greenish-orange moderately oxidized quartz feldspar porphyritic intrusive with abundant black biotite; < 10% biotite altering to white clay; minor rusty stockwork; hematite in fractures.				
6.00	6.85		Pervasively oxidized porphyritic intrusive with rare quartz eyes. Intense rusty stockwork. NOTE: At 6.85m; 5cm band of sand to gouge at 30 deg. to core - shear(?).	033233	6.00	8.00	2.00
6.85	8.40	P*INT	Fresh intrusive. NOTE: 6.85-7.62m; limonitic, slightly green quartz feldspar biotite porphyritic intrusive; feldspars very soft, quartz very crumbly. NOTE: 7.62-8.4m; Greenish-orange quartz feldspar porphyritic intrusive with small (<5cm) patches of unoxidized fresh intrusive with trace fine grained disseminated pyrite.	033234	8.00	10.00	2.00
8.40	8.80		Crumbly, strongly limonitic quartz feldspar porphyritic intrusive with intense rusty stockwork; minor hematite in fractures; trace remnant pyrite.				
8.80	9.70	P*INT	Greenish orange quartz feldspar biotite porphyritic intrusive with small (<5cm) patches of unoxidized fresh intrusive with	033235	10.00	12.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-43

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			trace fine grained disseminated pyrite. NOTE: 9.7-15.6m; limonitic quartz feldspar porphyritic intrusive.				
11.20	12.00		Very broken; much stockwork.	033236	12.00	14.00	2.00
13.50	15.60		Rock very incompetent; strongly limonitic.	033237	14.00	16.00	2.00
15.60	19.00	F*INT	Greenish-orange moderately oxidized quartz feldspar biotite porphyritic intrusive with small patches of less oxidized fresh intrusive.				
15.60	15.70		Rock is sandy; feldspars altered to clay "mush".	033238	16.00	18.00	2.00
				033239	18.00	20.00	2.00
19.00	21.00	INT	Pervasively oxidized quartz feldspar porphyry with silverish altered biotite; patches (<5cm) less oxidized.				
20.00	21.00		Very incompetent; feldspar soft; crumbles when handled.	033240	20.00	22.00	2.00
21.00	26.40	F*INT	Greenish-orange quartz feldspar biotite porphyritic intrusive with small (<5cm) patches of unoxidized fresh intrusive with trace fine grained disseminated pyrite. Patches (<10cm) of unoxidized fresh intrusive with trace fine grained disseminated pyrite.	033241	22.00	24.00	2.00
23.00	26.40		Blueish-grey quartz feldspar biotite intrusive with trace 2% fine grained disseminated pyrite. Weak patchy oxidiation.	033242	24.00	26.00	2.00
				033243	26.00	28.00	2.00
26.40	33.50	INT	Limonitic quartz feldspar porphyritic intrusive. NOTE: At 26.95m; 1cm band of gouge. At 28.6m; shear at 30 deg. to core.	033244	28.00	30.00	2.00
29.80	30.10	F*INT	Weakly limonitic quartz feldspar biotite porphyritic intrusive with <5cm unoxidized patches.	033245	30.00	32.00	2.00
30.10	33.50		Strongly limonitic porphyritic intrusive; entire matrix dark rust-brown but feldspar remains whitish. NOTE: 32.5-33.5m;Patchy bluish-grey quartz	033246	32.00	34.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-43

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			feldspar porphyry.				
33.50	36.80	F*INT	Limonitic, slightly green quartz feldspar biotite prophyritic intrusive; feldspar very soft; quartz very crumbly.	033247 033248	34.00 36.00	36.00 38.00	2.00 2.00
36.50	36.80		Unoxidized blueish-grey fresh intrusive.				
36.80	43.50	INT	Limonitic quartz feldspar porphyritic intrusive.	033249	38.00	40.00	2.00
39.00	41.00		Strong limonitic stockwork; hematite.	033250	40.00	42.00	2.00
41.00	43.50		Very incompetent. NOTE: 43-43.5m; extremely soft and clay altered.	033251	42.00	44.00	2.00
43.50	46.20	ARG	Black argillite; extremely soft and crumbly; slightly graphitic; minor quartz stockwork; contact with upper intrusive at 45 deg. to core.				
44.00	44.50	QFP	Light grey, very clay-altered quartz feldspar porphyritic intrusive.	033252	44.00	46.00	2.00
44.50	44.80		Graphitic argillite.				
44.80	45.70		Dark grey, very soft, clay-rich argillite				
45.70	46.00	INT	Pervasively oxidized quartz feldspar porphyritic intrusive.	033253	46.00	48.00	2.00
46.20	52.00	INT	Limonitic quartz feldspar porphyritic intrusive; alternately sub-competent to soft and very argillically altered.	033254 033255	48.00 50.00	50.00 52.00	2.00 2.00
50.40	50.50	ARG	Black graphitic argillite.				
52.00	54.40	MUDS	Greenish, grey soft limonitic fine grained mudstone; pods of black argillite swirled in core from 53m.	033256 033257	52.00 54.00	54.00 56.00	2.00 2.00
54.40	57.20	ARG	Black, shattered, slightly graphitic argillite; contact with muds makes approximately 35 deg. angle to core.	033258	56.00	58.00	2.00
56.90	57.20		Strongly graphitic.				
57.20	57.80	INT	Extremely limonitic siliceous intrusive.				
57.80	62.18	ARG					

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-43

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
57.80	58.00		Black graphitic argillite.				
58.00	59.90		Dark grey to black siliceous to cherty argillite; slightly limonitic, minor stockwork.	033259	58.00	60.00	2.00
59.90	60.10		Graphitic.	033260	60.00	62.18	2.18
60.10	60.80		Black to dark grey, slightly siliceous argillite.				
60.80	61.00		Siliceous argillite breccia.				
61.00	62.18		Dark grey to black cherty argillite; intense quartz stockwork; much of the stockwork is limonitic.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-44
Grid System : ORIGINAL
Collar Eastings : 21179.500
Collar Northings : 19930.500
Collar Elevations : 1054.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 50.29
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing				
2.44	7.00	INT	Limonitic, porphyritic intrusive; moderate limonitic stockwork, remnant rusted biotite.	033208	2.44	4.00	1.56
				033209	4.00	6.00	2.00
				033210	6.00	8.00	2.00
7.00	16.70	F*INT	Blueish-grey porphyritic intrusive and fine grained black biotite; trace fine grained pyrite, weakly oxidized.	033211	8.00	10.00	2.00
8.40	13.70		Greenish-orange oxidized intrusive with black biotite.	033212	10.00	12.00	2.00
				033213	12.00	14.00	2.00
13.70	14.40		Blueish-grey porphyritic intrusive and fine grained black biotite; trace fine grained pyrite, weakly oxidized.	033214	14.00	16.00	2.00
				033215	16.00	18.00	2.00
16.70	23.00	INT	Limonitic, porphyritic intrusive; moderate limonitic stockwork, remnant rusted biotite.	033216	18.00	20.00	2.00
				033217	20.00	22.00	2.00
				033218	22.00	24.00	2.00
23.00	24.00	F*INT	Limonitic intrusive with black biotite; patches of blueish-grey intrusive with trace fine grained disseminated pyrite.				
24.00	38.00	INT	Strongly limonitic porphyritic intrusive; matrix dark orangeish-brown, feldspar remains white.	033219	24.00	26.00	2.00
				033220	26.00	28.00	2.00
				033221	28.00	30.00	2.00
				033222	30.00	32.00	2.00
32.00	38.00		Moderate limonite staining in fractures.	033223	32.00	34.00	2.00
				033224	34.00	36.00	2.00
				033225	36.00	38.00	2.00
38.00	42.00	F*INT	Moderately oxidized, greenish-orange intrusive with patches of unoxidized blueish -grey fresh intrusive - contains trace pyrite.	033226	38.00	40.00	2.00
				033227	40.00	42.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-44

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
42.00	47.00	INT	Moderate limonitic staining in fractures.	033228	42.00	44.00	2.00
				033229	44.00	46.00	2.00
				033230	46.00	48.00	2.00
47.00	50.29	F*INT	Greenish-orange intrusive with black biotite.	033231	48.00	50.29	2.29

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-45
Grid System : ORIGINAL
Collar Eastings : 21229.800
Collar Northings : 19954.400
Collar Elevations : 1046.200
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 57.76
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	14.00	INT	Limonitic, porphyritic intrusive.	033261	3.66	6.00	2.34
6.00	8.00		Unoxidized blue porphyritic intrusive	033262	6.00	8.00	2.00
			(quartz feldspar porphyry).	033263	8.00	10.00	2.00
				033264	10.00	12.00	2.00
				033265	12.00	14.00	2.00
14.00	26.50	P*INT	Fresh grey, black biotite-rich intrusive.	033266	14.00	16.00	2.00
			Several small (.25m) pods of oxidized,	033267	16.00	18.00	2.00
			biotite-rich intrusive.	033268	18.00	20.00	2.00
				033269	20.00	22.00	2.00
				033270	22.00	24.00	2.00
				033271	24.00	26.00	2.00
				033272	26.00	28.00	2.00
26.50	38.60	INT	Limonitic, porphyritic intrusive, moder-	033273	28.00	30.00	2.00
			ately altered feldspar phenocrysts.	033274	30.00	32.00	2.00
			NOTE: At 28m; 45 deg. rusty quartz vein	033275	32.00	34.00	2.00
			1cm wide.				
34.00	37.00		Intense quartz stockworking.	033276	34.00	36.00	2.00
				033277	36.00	38.00	2.00
				033278	38.00	40.00	2.00
38.40	38.60		White, sandy, clay-rich fault gouge.				
38.60	42.50	ARG	Balck, sheared argillite.				
38.60	39.00		Graphitic clay gouge.				
39.00	42.50		Alternating bands of black graphitic, sil-	033279	40.00	42.00	2.00
			iceous argillite and grey to limonitic	033280	42.00	44.00	2.00
			quartzite.				
42.50	43.50	INT	Brownish orange intrusive with abundant				
			remnant light brown micas. Contact at				
			43.5m is 45 deg.				
43.50	48.50	ARG	Black, cherty, slightly graphitic argil-	033281	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-45

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			lite with minor stockworking.	033282	46.00	48.00	2.00
48.00	48.50		Argillite clay gouge.	033283	48.00	50.00	2.00
			NOTE: At contact is 3cm wide band of silicified fault breccia.				
48.50	57.76	F*INT	Brownish orange, black biotite-rich intrusive with moderate argillic alteration.				
48.50	48.62		Limonitic, clay fault gouge.	033284	50.00	52.00	2.00
			NOTE: At 55m; calcite rhombohedrons in broken up rock.	033285	52.00	54.00	2.00
				033286	54.00	56.00	2.00
			NOTE: At 55.78m; 6cm x 3cm pod or vein slice of rhombohedral and sparry calcite orientated at 25 deg. to core angle.	033287	56.00	57.76	1.76

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-46
Grid System : ORIGINAL
Collar Eastings : 21229.800
Collar Northings : 19953.000
Collar Elevations : 1046.200
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 60.96
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.05	CASING	Casing				
3.05	27.80	INT	Pervasively limonitic intrusive wtih occasional quartz eyes and moderate to intense argillic alteration.	033288	3.05	4.00	0.95
				033289	4.00	6.00	2.00
				033290	6.00	8.00	2.00
				033291	8.00	10.00	2.00
				033292	10.00	12.00	2.00
				033293	12.00	14.00	2.00
14.00	18.00		Patches of unoxidized intrusive.	033294	14.00	16.00	2.00
				033295	16.00	18.00	2.00
				033296	18.00	20.00	2.00
				033297	20.00	22.00	2.00
				033298	22.00	24.00	2.00
22.70	23.00		More intense argillic alteration.	033299	24.00	26.00	2.00
				033300	26.00	28.00	2.00
26.50	27.80		Sandy textured weathered, feldspar-rich intrusive.				
27.80	32.10	F*INT	Brownish-grey, black biotite-rich intrusive. Fresh white feldspar phenocrysts.	033301	28.00	30.00	2.00
				033302	30.00	32.00	2.00
				033303	32.00	34.00	2.00
32.10	40.80	INT	Limonitic intrusive, intense argillic alteration. Minor quartz stockwork and quartz eyes.	033304	34.00	36.00	2.00
				033305	36.00	38.00	2.00
				033306	38.00	40.00	2.00
				033307	40.00	42.00	2.00
40.80	41.45	ARG	Soft, black, graphtic argillite.				
41.45	44.00	INT	Brown/white, intensely argillic altered intrusive. Very soft with numerous slickenside surfaces.	033308	42.00	44.00	2.00
44.00	45.20	ARG	Hard, black argillite, abundant white and red quartz stockwork.	033309	44.00	46.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-46

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
45.20	56.50	QFP	Grey quartz feldspar porphyry. Green feldspar phenocrysts, abundant grey sericite. Fine disseminated pyrite. Contact at 56.5m with 30 deg core to bedding angle.	033310	46.00	48.00	2.00
				033311	48.00	50.00	2.00
				033312	50.00	52.00	2.00
				033313	52.00	54.00	2.00
				033314	54.00	56.00	2.00
				033315	56.00	58.00	2.00
56.50	60.96	ARG	Grey/black argillite. Abundant disseminated pyrite. Soft, with abundant clay from 56.5 - 58.5m, becomes hard and cherty from 58.5 - 60.96m.	033316	58.00	60.00	2.00
				033317	60.00	60.96	0.96

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-47
Grid System : ORIGINAL
Collar Eastings : 21230.600
Collar Northings : 19932.300
Collar Elevations : 1046.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 59.50
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	22.75	F*INT	Greenish-grey, moderately limonitic quartz feldspar porphyritic intrusive with abundant black biotite; occasional quartz eyes minor hematite; minor calcite pods. NOTE: 11-11.5m; fresh intrusive is very mildly oxidized; more siliceous. NOTE: 14.75m; patch of blue-grey unoxidized fresh intrusive with fine grained disseminated pyrite. NOTE: 14.94-16.70m; crumbly (WR), strongly limonitic fresh intrusive. NOTE: 22.15m; 10cm patch of blue-grey unoxidized fresh intrusive with fine grained desseminated pyrite. NOTE. 22.6-22.75m; very crumbly limonitic fresh intrusive.	033318 033319 033320 033321 033322 033323 033324 033325 033326 033327	3.66 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00	6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00	2.34 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00
22.75	51.30	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; remnant biotite; minor hematite in some fractures; minor carbonate alteration (2). NOTE 25-41m; moderate to strong limonitic stockwork; minor calcite veining, hematite and manganese oxide. NOTE: 33m; patchy unoxidized intrusive. NOTE: 41m; patchy unoxidized intrusive. NOTE: 43.89-44.8m; crumbly incompetent intrusive. NOTE: 59-51.3m; extremely incompetent, crumbly intrusive.	033328 033329 033330 033331 033332 033333 033334 033335 033336 033337 033338 033339 033340 033341	24.00 26.00 28.00 30.00 32.00 34.00 36.00 38.00 40.00 42.00 44.00 46.00 48.00 50.00	26.00 28.00 30.00 32.00 34.00 36.00 38.00 40.00 42.00 44.00 46.00 48.00 50.00 52.00	2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00
51.30	54.70	QFP	Bluish grey siliceous quartz feldspar por-	033342	52.00	54.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-47

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			phyritic intrusive with fine grained disseminated pyrite; oxidation in fractures. NOTE: This interval may be considered to be unoxidized intrusive (but no biotite) NOTE: 54.45-54.70m; blue, extremely clay altered, soft quartz feldspar porphyry.	033343	54.00	56.00	2.00
54.70	59.50	ARG	Black graphitic argillite with abundant quartz stockwork (much quartz powdered); soft and incompetent; minor hematite in fractures.				
54.70	55.50		Argillite is more siliceous.	033344	56.00	58.00	2.00
				033345	58.00	59.50	1.50

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-48
Grid System : ORIGINAL
Collar Eastings : 21228.200
Collar Northings : 19913.100
Collar Elevations : 1044.600
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -45.00
Grid Bearing : 154.00
Final Depth : 68.28
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	25.50	INT	Limonitic, siliceous porphyritic intrusive.				
3.66	4.00		Brown/white with powdery feldspars; many speroid and subrectangular voids.	033346	3.66	4.00	0.34
4.00	6.90		Interval contains 2-5% bluish-grey quartz feldspar porphyritic intrusive with trace fine grained disseminated pyrite; minor sericite; occures as patches < 5cm x 5cm.	033347 033348	4.00 6.00	6.00 8.00	2.00 2.00
6.90	7.80		Bluish-grey siliceous porphyritic intrusive with 3% disseminated and blebby (4mm squared) pyrite and arsenopyrite.				
7.80	10.00		Bluish grey (unoxidized) porphyritic intrusive with patchy pervasive oxidation.	033349 033350	8.00 10.00	10.00 12.00	2.00 2.00
10.40	10.60		Extremely incompetent, strongly argillically altered, strongly limonitic; minor hematite.				
11.50	11.70		Extremely incompetent, strongly argillically altered; strongly limonitic; minor hematite.				
11.70	12.20	ARG	Dark blue-black cherty argillite; crumbly; moderate limonitic stockwrok.	033351 033352	12.00 14.00	14.00 16.00	2.00 2.00
14.60	14.80		Shears; very crumbly; slickensides.				
15.50	15.80		Shears; very crumbly; slickensides.				
16.00	16.30		Shears; very crumbly; slickensides.	033353	16.00	18.00	2.00
16.30	18.30		Patchy unoxidized intrsuvie with limonitic stockwork.	033354	18.00	20.00	2.00
18.30	25.50		Strongly limonitic; incompetent minor hematite; strong argillic alteration.	033355 033356 033357	20.00 22.00 24.00	22.00 24.00 26.00	2.00 2.00 2.00
25.50	33.00	P*INT	Greenish-orange oxidized porphyritic intrusive with abundant black biotite; <5% patches of bluish-grey unoxidized fresh	033358 033359 033360	26.00 28.00 30.00	28.00 30.00 32.00	2.00 2.00 2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-48

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			intrusive with abundant black biotite and fine grained pyrite. NOTE: Alternately competent or extremely chewed up to sand.	033361	32.00	34.00	2.00
33.00	45.40	INT	Strongly limonitic porphyritic intrusive.				
33.00	43.00		Intence limonitic stockwork; abundant hematite and manganese oxide staining; strong argillic alteration; 50% very crumbly.	033362	34.00	36.00	2.00
				033363	36.00	38.00	2.00
				033364	38.00	40.00	2.00
				033365	40.00	42.00	2.00
				033366	42.00	44.00	2.00
43.00	43.50	QFP	Bluish-grey siliceous quartz feldspar porphyritic intrusive with fine grained disseminated pyrite; quartz eyes.	033367	44.00	46.00	2.00
45.40	51.00	P*INT					
45.40	50.40		Dark bluish grey siliceous quartz feldspar porphyritic intrusive with abundant black biotite; blebby and disseminated fine grained pyrite; moderate limonitic stockwork; minor patchy pervasive oxidation	033368	46.00	48.00	2.00
				033369	48.00	50.00	2.00
				033370	50.00	52.00	2.00
50.40	51.00		Pervasively oxidized fresh intrsuvie with abundant black biotite.				
51.00	57.50	INT	Strongly pervasively oxidized porphyritic intrusive; intense limonitic stockwork; minor patchy unoxidized intrusive; abundant hematite and manganese. oxide staining.				
51.00	51.10		Rock extremely crumbly and soft, strong argillite alteration.	033371	52.00	54.00	2.00
53.00	53.30		Rock extremely crumbly and soft, strong argillite alteration.	033372	54.00	56.00	2.00
54.80	55.10		Rock extremely crumbly and soft, strong argillite alteration.	033373	56.00	58.00	2.00
57.50	59.15	ARG					
57.50	57.90		Black cherty argillite; oxidation in fractures and of disseminated pyrite; silckensides.				
57.90	59.15		Black graphitic argillite; soft; shear at	033374	58.00	60.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-48

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			58.2m (45 deg. to core); contact with upper cherty argillite at 40 deg. to core.				
59.15	60.70	INT	Bluish grey to light orange, oxidized, bleached, incredibly sheared; highly argillically altered porphyritic intrusive.	033375	60.00	62.00	2.00
60.70	62.20	ARG	Black siliceous graphitic argillite; contact with upper intrusive at approximately 45 deg. to core; shows evidence of shearing.	033376	62.00	64.00	2.00
62.20	63.10	INT	Blue-grey siliceous, porphyritic intrusive with abundant fine grained pyrite; 60% has patchy pervasive oxidation; shows lineated texture (due to shearing?).				
63.10	63.90	ARG	Black silicified graphitic argillite; sharp contact with upper intrusive at approximately 45 deg. to core.				
63.40	63.70		Strongly limonitic crumbly cherty argillite.				
63.70	63.90		Black cherty, very slightly graphitic argillite.				
63.90	68.28	SEDS	Bluish-grey to orange oxidized chert; extremely fractured and broken up. NOTE: At 66m; 10cm of strongly limonitic intrusive.	033377 033378	64.00 66.00	66.00 68.28	2.00 2.28

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-49
Grid System : ORIGINAL
Collar Eastings : 21811.600
Collar Northings : 19559.700
Collar Elevations : 915.000
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 31.09
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.27	CASING	Casing				
4.27	17.50	INT	Pervasively oxidized, siliceous quartz feldspar porphyritic intrusive; moderate to strong limonitic stockwork; abundant hematite; major shearing (usually at 35 deg. to core) throughout; slickensides.	033397	4.27	6.00	1.73
				033398	6.00	8.00	2.00
				033399	8.00	10.00	2.00
9.40	9.50		Black-green sheared argillite.	033400	10.00	12.00	2.00
				033401	12.00	14.00	2.00
12.10	13.40		50% grey siliceous.				
13.90	14.20		Unoxidized porphyritic intrusive with fine grained disseminated pyrite. NOTE: At 15m; 10% stibnite plus kermesite and bright orange oxide - blebby.	033402	14.00	16.00	2.00
15.83	16.60		5% stibnite plus kermesite (rock very crumbled, not able to get attitudes).	033403	16.00	18.00	2.00
17.50	18.30	QFP	White to grey quartz feldspar porphyritic intrusive with abundant fine grained disseminated and blebby pyrite; oxidation along fractures; occasional slickensides.	033404	18.00	20.00	2.00
18.30	21.00	INT	Strongly oxidized, sheared, quartz feldspar porphyritic intrusive with abundant hematite and bright orange oxide; pink feldspar (potasium feldsapr?) veining; minor stibnite stringers.	033405	20.00	22.00	2.00
21.00	31.09	QFP	White to grey quartz feldspar porphyritic intrusive with abundant fine grained disseminated and blebby pyrite; oxidation along fractures; occasional slickensides.				
21.00	21.10		Extremely sheared blue clay-rich intrusive (quartz feldspar porphyry).				
21.10	26.00		Bluish-grey, lightly pervasively oxidized	033406	22.00	24.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-49

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			patches; strong stockworking; highly	033407	24.00	26.00	2.00
			sheared (slickensides and gouge bands) at	033408	26.00	28.00	2.00
			35 deg. to core; minor stibnite and kerm-	033409	28.00	30.00	2.00
			esite plus orange oxide throughout.				
			NOTE: At 23m; 2mm stibnite vein.				
			NOTE: 24.8-25.1m; extremely sheared blue clay-rich quartz feldspar porphyry.				
			NOTE: 25.1-29.5m; bluish grey quartz feldspar porphyry with limonitic stockwork; rock more competent than in rest of hole; few slickensides.				
29.50	31.09		Bluish grey aphanitic intrusive (or volcanic?) with abundant fine grained pyrite.	033410	30.00	31.09	1.09

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-50
Grid System : ORIGINAL
Collar Eastings : 21811.200
Collar Northings : 19533.600
Collar Elevations : 928.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 67.36
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.27	CASING	Casing				
4.27	16.80	INT	Pervasively oxidized, siliceous quartz feldspar porphyritic intrusive; remnant biotite.	033411	4.27	6.00	1.73
4.80	5.30		Strong limonitic stockwork; strong hematite and manganese oxide; rock very incompetent.	033412	6.00	8.00	2.00
7.80	8.20		Strongly argillically altered, bleached intrusive.	033413	8.00	10.00	2.00
8.20	13.00		Rock very broken; many thin gougy shears at 45 deg. to core.	033414	10.00	12.00	2.00
				033415	12.00	14.00	2.00
13.00	14.50		Feldspar crystals <2cm long; thin gouge filled shears at 35-45 deg. to core.	033416	14.00	16.00	2.00
14.50	14.70	ARG	Black, slightly limonitic, soft, sheared, graphitic argillite; contact with upper intrusive at 45 deg. to core; bottom contact at 90 deg.				
14.70	16.80		Crumbly rock; slickensides.	033417	16.00	18.00	2.00
16.80	19.90	P*INT	Strongly pervasively oxidized quartz feldspar porphyritic intrusive with abundant black biotite; most of rock in interval has decomposed to sand; many shears and slickensides.	033418	18.00	20.00	2.00
19.90	22.60	INT	Limonitic siliceous quartz feldspar porpyritic intrusive.				
19.90	20.00		50% bluish grey unoxidized quartz feldspar porphyritic intrusive.				
20.00	21.80		Extremely crumbled; many slickensides at 25-45 deg. to core.	033419	20.00	22.00	2.00
21.80	22.60		Rock competent; 60% bluish-grey unoxidized intrusive with fine grained disseminated pyrite.	033420	22.00	24.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-50

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
22.60	24.25	ARG	Black graphitic argillite; minor grey clay very fine grained disseminated pyrite.	033421	24.00	26.00	2.00
24.25	26.00	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive with abundant remnant biotite.				
25.30	26.00		Bluish-grey siliceous quartz feldspar porphyritic intrusive with fine grained blebby and disseminated pyrite; sercite in patches; minor oxidation in fractures. NOTE: 25.75m; abundant stibnite with kermesite.				
26.00	31.10	F*INT	Bluish-grey siliceous quartz feldspar porphyritic intrusive with abundant black biotite; feldspars altered (K-alt?) to bluish-grey; patchy oxidation (mostly in fractures); occasional slickensides; abundant disseminated pyrite and arsenopyrite. NOTE: 28.7m; 1cm wide limonitic layered quartz vein at 10 deg. to core. NOTE: At 30.75m and 31.1m; crumbly clay-rich shears.	033422 033423 033424	26.00 28.00 30.00	28.00 30.00 32.00	2.00 2.00 2.00
31.10	36.65	INT	White-grey siliceous quartz feldspar porphyritic intrusive with fine grained disseminated pyrite; limonitic fractures and patchy pervasive oxidation.	033425	32.00	34.00	2.00
33.00	33.80		Extremely limonitic, sheared, clay-rich intrusive.	033426 033427	34.00 36.00	36.00 38.00	2.00 2.00
36.65	43.60	F*INT	Dark blue-grey quartz-rich qaurtz feldspar porphyritic intrusive with abundant black biotite; mild to moderate quartz stockwork minor sericite; fine grained disseminated pyrite; minor calcite in fractures and pods. NOTE: 36.65-36.9m; sheared fresh intrusive 35 deg. to core. NOTE: 43.5-43.6m; sheared fresh intrusive	033428 033429 033430	38.00 40.00 42.00	40.00 42.00 44.00	2.00 2.00 2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-50

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			at 25 deg. to core; slickensides.				
43.60	67.36	QFP	Bluish-grey quartz feldspar porphyritic intrusive with fine grained disseminated pyrite; moderate to strong argillic alteration; quartz eyes.				
43.60	44.50		Sheared, clay-rich quartz feldspar porphyry.	033431	44.00	46.00	2.00
				033432	46.00	48.00	2.00
				033433	48.00	50.00	2.00
49.70	52.60		Sheared zone; principal shear direction at 45 deg. to core; calcite in fractures; slickensides; some vertical movement offsetting veinlets.	033434	50.00	52.00	2.00
				033435	52.00	54.00	2.00
52.60	53.30		Strong dark grey to black stockworking; slickensides and gouge filled fractures. NOTE: 53.1-53.3m; strongly sheared, clay-rich quartz feldspar porphyry; shear at 35 deg. to core.				
53.30	53.80	ARG	Black graphitic argillite; contact with upper quartz feldspar porphyry sheared at 35 deg. to core; lower contact gradational and interswirled with quartz feldspar porphyry.				
53.80	67.36		Strongly sheared (35-50 deg. to core) with abundant quartz stockwork and calcite veinlets; (0.5cm) main veinlet attitude is 45 deg. core; gouge and slikensides.	033436	54.00	56.00	2.00
				033437	56.00	58.00	2.00
				033438	58.00	60.00	2.00
				033439	60.00	62.00	2.00
				033440	62.00	64.00	2.00
				033441	64.00	66.00	2.00
				033442	66.00	67.36	1.36

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-51
Grid System : ORIGINAL
Collar Eastings : 21813.500
Collar Northings : 19512.200
Collar Elevations : 936.700
Collar Bearing : 358.00
Grid Baseline : 64.00

Collar Inclination : -70.00
Grid Bearing : 154.00
Final Depth : 76.20
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	2.44	CASING	Casing				
2.44	7.30	INT	Strongly pervasively oxidized siliceous quartz feldspar porphyritic intrusive; strong limonitic stockwrok; manganese oxide stain; occasional clay-filled shears at 30 deg. to core; moderate carbonate alteration.	033443	2.44	4.00	1.56
				033444	4.00	6.00	2.00
5.60	6.80		Bluish-grey siliceous quartz feldspar porphyritic intrusive with abundant fine grained disseminated pyrite; oxidation in fractures and patchy pervasive oxidation throughout (approximately 25%)	033445	6.00	8.00	2.00
7.30	9.72	P*INT	Strongly limonitic porphyritic intrusive with abundant black biotite; limonitic stockwork; hematite and manganese oxide staining; rock very shattered; <5% patchy bluish-grey unoxidized intrusive.	033446	8.00	10.00	2.00
9.65	9.72	ARG	Black graphitic, sheared argillite; sharp contacts at 60 deg. to core.				
9.72	33.70	INT	Strongly pervasively oxidized siliceous quartz feldspar porphyritic intrusive; extreme limonitic stockwork; abundant shearing (rock extremely shattered); alteration aureoles along some fractures; abundant quartz eyes; dendritic manganese oxide staining around some fractures.	033447	10.00	12.00	2.00
				033448	12.00	14.00	2.00
13.40	13.70		Rock decomposed to sand.				
14.00	16.70		Feldspar crystals <2cm; abundant calcite as pods and rhombs.	033449	14.00	16.00	2.00
				033450	16.00	18.00	2.00
16.70	19.20		Bluish-grey siliceous quartz feldspar porphyritic intrusive with abundant fine grained disseminated and blebby pyrite;	033451	18.00	20.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-51

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			oxidation along fractures; moderate quartz stockwork.				
19.20	27.50		Rock more competent; abundant thin calcite veins; trace patchy unoxidized intrusive.	033452	20.00	22.00	2.00
				033453	22.00	24.00	2.00
				033454	24.00	26.00	2.00
				033455	26.00	28.00	2.00
27.50	29.75		Extremely sheared and shattered; abundant limonitic stockwork and calcite veining.	033456	28.00	30.00	2.00
29.75	30.00		Unoxidized intrusive with large (1cm) calcite rhombs.				
30.00	33.70		10% blue unoxidized intrusive.	033457	30.00	32.00	2.00
				033458	32.00	34.00	2.00
33.70	51.20	F*INT	Dark bluish-grey siliceous quartz feldspar porphyritic intrusive with abundant black biotite; fine grained disseminated pyrite; thin calcite veinlets and pods; oxidation in some fractures; principal vein and shear direction at 20-45 deg. to core. NOTE: 49.45m; 3cm wide shear zone; slickensides on both edges; limonitic quartz calcite vein in center; structure to core angle 20 deg. NOTE: 50.7m; slickensides at 20 deg. to core.	033459	34.00	36.00	2.00
				033460	36.00	38.00	2.00
				033461	38.00	40.00	2.00
				033462	40.00	42.00	2.00
				033463	42.00	44.00	2.00
				033464	44.00	46.00	2.00
				033465	46.00	48.00	2.00
				033466	48.00	50.00	2.00
				033467	50.00	52.00	2.00
51.20	76.20	QFP	Light grey siliceous quartz feldspar porphyritic intrusive with abundant fine grained disseminated and blebby pyrite; occasional slickensides; oxidation in some fractures.	033468	52.00	54.00	2.00
53.50	54.00	F*INT	Decreased overall grain size; black biotite.				
54.00	61.50		Overall decreases in grain size; only feldspar porphyritic. NOTE: 55.5-56.4m; sheared; principal direction at 20 deg. to core; slickensides. NOTE: 57.15-57.6m; sheared; 20 deg. to core; much calcite; slickensides. NOTE: 60.6-61.2m; strong argillic alter-	033469	54.00	56.00	2.00
				033470	56.00	58.00	2.00
				033471	58.00	60.00	2.00
				033472	60.00	62.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-51

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			ation; crumbly.				
61.50	63.10		Strong stockwork.	033473	62.00	64.00	2.00
				033474	64.00	66.00	2.00
64.60	68.10		White quartz feldspar porphyritic intru-	033475	66.00	68.00	2.00
			sive; feldspars altered to clay in places.	033476	68.00	70.00	2.00
			NOTE: 68m; shear at 35 deg. to core.				
68.80	68.90		Black, soft graphitic argillite; contacts with quartz feldspar porphyry at 45 deg.				
68.90	73.00		Many calcite veins (1mm wide) at 35 deg.	033477	70.00	72.00	2.00
			to core; much shearing with slickensides;	033478	72.00	74.00	2.00
			dark grey veining (fine grained sulphide in quartz?).				
73.00	76.20		Much pyritic quartz veining 45 deg. to	033479	74.00	76.20	2.20
			core; abundant calcite in fractures; many slickensides.				

NORANDA EXPLORATION

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-52
Grid System : ORIGINAL
Collar Eastings : 21598.000
Collar Northings : 19742.200
Collar Elevations : 961.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 37.03
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	23.30	INT	Pervasively oxidized siliceous quartz feldspar porphyritic intrusive; strong limonitic stockwork; strong argillic alteration; 10% patchy bleached intrusive; rock extremely broken up and incompetent.	033480	3.66	6.00	2.34
				033481	6.00	8.00	2.00
				033482	8.00	10.00	2.00
				033483	10.00	12.00	2.00
10.60	11.30		Bluish grey siliceous porphyritic intrusive (feldspar crystals (1cm); moderate quartz stockwork; oxidation along fractures; abundant fine grained disseminated pyrite.				
11.30	23.30		Dark bluish-grey siliceous porphyritic intrusive with very strong limonitic quartz stockwork; calcite veins (1mm, usually 45 deg. to core sometimes vertical); abundant stibnite stringers with kermesite strong dark grey sulphide webbing throughout; some feldspars (K spar?) veining; void space where calcite and feldspars have weathered away; strong manganese oxide and moderate hematite staining in fractures; patchy strong pervasive oxidation (50%). NOTE: Stibnite vein at 23m - 45 deg. 0.5cm	033484	12.00	14.00	2.00
				033485	14.00	16.00	2.00
				033486	16.00	18.00	2.00
				033487	18.00	20.00	2.00
				033488	20.00	22.00	2.00
				033489	22.00	24.00	2.00
23.30	29.70	QFP	Bluish grey quartz feldspar porphyritic intrusive (feldspar <2cm long); stibnite stringers; oxidation in fractures; feldspar (1mm) veining at 45 deg. to core; fine grained disseminated pyrite.	033490	24.00	26.00	2.00
				033491	26.00	28.00	2.00
27.00	27.10		Shear; strong clay alteration.				
27.20	28.20		Sheared pervasively oxidized intrusive; slickensides.	033492	28.00	30.00	2.00
29.70	35.50	ARG	Black, slicified, graphitic argillite;	033493	30.00	32.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-52

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			shear contact with above quartz feldspar porphyry at 45 deg. to core; abundant disseminated and stringy pyrite; strong quartz and feldspar veining and swirls; truncation and remnant bedding seen; slight fissility at 55 deg. to core. NOTE: 34.7-34.9; light grey pyritic quartz feldspar porphyry.	033494	32.00	34.00	2.00
				033495	34.00	36.00	2.00
35.50	37.03	QFP	Light grey siliceous quartz feldspar porphyritic intrusive with fine grained disseminated pyrite; moderate-strong clay alteration of feldspars.	033496	36.00	37.03	1.03

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-53
Grid System : ORIGINAL
Collar Eastings : 21599.800
Collar Northings : 19723.600
Collar Elevations : 956.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 44.81
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	36.00	QFP	Quartz feldspar pod of fresh intrusive - possibly overburden boulder of fresh intrusive.	033497	3.66	6.00	2.34
4.00	5.50		Quartz feldspar porphyry with pods of intrusive as follows; limonitic oxidized intrusive with quartz stockwork. Abundant manganese staining. Limonite 3-5% to 1% in quartz feldspar porphyry. Some trace sulphde.	033498	6.00	8.00	2.00
				033499	8.00	10.00	2.00
				033500	10.00	12.00	2.00
				033501	12.00	14.00	2.00
14.00	16.00		Very oxidized intrusive. Good quartz stockwork. Good manganese.	033502	14.00	16.00	2.00
				033503	16.00	18.00	2.00
18.00	18.50		Intrusive	033504	18.00	20.00	2.00
19.70	20.30		Breccia? Abundant yellow quartz stockwork, core-bedding 45 deg.	033505	20.00	22.00	2.00
20.30	22.00		Core-bedding 45 deg. quartz feldspar porphyry with 3-5% pyrite in bands. Banding of concentrated pyrite to 22m.				
22.00	24.00		Quartz feldspar porphyry. Small oxidized pod 20cm long at 24m.	033506	22.00	24.00	2.00
24.00	29.00		Qaurtz feldspar porphyry with limonitic staining along veins to 2cm thick. Trace sulphides.	033507	24.00	26.00	2.00
				033508	26.00	28.00	2.00
				033509	28.00	30.00	2.00
29.00	36.00		Quartz feldspar porphyry with trace sulphide and quartz stringers to 4mm wide containing stibnite in large euhedral crystals and disseminated sulphide including arsenopyrite. Veins run sub parallel to core and at approximately 30 deg. to the core. NOTE: 35.5-36m; sulphide-rich pod to 3% sulphide in quartz stockwork.	033510	30.00	32.00	2.00
				033511	32.00	34.00	2.00
				033512	34.00	36.00	2.00
36.00	36.50	ARG	Brecciated argillite with abundant lim-	033513	36.00	38.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-53

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			onitic alteration to 20% Very siliceous.				
36.50	37.00	QFP	Stockworked quartz feldspar porphyry with trace sulphide.				
37.00	37.80	INT	Limonitic intrusive, very clay altered.				
37.80	39.50	QFP	Quartz feldspar porphyry with quartz stockwork and limonitic stockwork with up to 2% sulphide. Becomes very siliceous towards 39.5m contact with argillite. Contact has 45 deg. core-bedding angle. Very sharp contact.	033514	38.00	40.00	2.00
39.50	41.50	ARG	Black argillite.	033515	40.00	42.00	2.00
41.50	44.81	QFP	Unaltered quartz feldspar porphyry with stringers of sulphide <1mm wide and 3% sulphide disseminated throughout. Core to bedding angle between quartz feldspar porphyry plus argillite is 45 deg.	033516	42.00	44.81	2.81

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-54
Grid System : ORIGINAL
Collar Eastings : 21766.200
Collar Northings : 19764.800
Collar Elevations : 970.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 36.73
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.28	CASING	Casing				
4.28	21.50	INT	Limonitic siliceous intrusive.	033517	4.28	6.00	1.72
				033518	6.00	8.00	2.00
				033519	8.00	10.00	2.00
				033520	10.00	12.00	2.00
10.50	11.00		Unoxidized/unaltered intrusive. Very quartz feldspar porphyry typical.	033521	12.00	14.00	2.00
				033522	14.00	16.00	2.00
				033523	16.00	18.00	2.00
				033524	18.00	20.00	2.00
				033525	20.00	22.00	2.00
21.50	24.00	F*INT	Wayne Reid rock. Abundant partially-altered and unaltered biotite.	033526	22.00	24.00	2.00
24.00	36.73	INT	Limonitic stockwork siliceous intrusive.	033527	24.00	26.00	2.00
				033528	26.00	28.00	2.00
				033529	28.00	30.00	2.00
				033530	30.00	32.00	2.00
				033531	32.00	34.00	2.00
				033532	34.00	36.73	2.73
34.20	34.50		Very argillically altered intrusive - very clay-like (4 on scale).				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDn 51-55
Grid System : ORIGINAL
Collar Eastings : 21766.400
Collar Northings : 19781.200
Collar Elevations : 976.900
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 41.76
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.05	CASING	Casing				
3.05	36.80	INT	Limonitic siliceous and argillicaly altered intrusive.	033533	3.05	4.00	0.95
				033534	4.00	6.00	2.00
				033535	6.00	8.00	2.00
6.50	11.00		Abundant limonitic stockwork.	033536	8.00	10.00	2.00
				033537	10.00	12.00	2.00
				033538	12.00	14.00	2.00
13.20	14.00		Highly argillically altered - very clay-rich.	033539	14.00	16.00	2.00
				033540	16.00	18.00	2.00
				033542	18.00	20.00	2.00
				033543	20.00	22.00	2.00
				033544	22.00	24.00	2.00
22.50	23.00		30% pervasive limonite.	033545	24.00	26.00	2.00
				033546	26.00	28.00	2.00
				033547	28.00	30.00	2.00
				033548	30.00	32.00	2.00
32.00	33.00		Very argillically altered with abundant limonite. Up to 1% sulphide.	033549	32.00	34.00	2.00
33.00	36.80		Intrusive with pods of quartz feldspar porphyry containing trace sulphide.	033550	34.00	36.00	2.00
				033551	36.00	38.00	2.00
36.80	39.47	QFP	Grey quartz feldspar porphyry with limonite stockwork and trace sulphide. Core to bedding angle between intrusive and quartz feldspar porphyry is approximately 30 deg.	033552	38.00	40.00	2.00
39.47	41.76	ARG	Fine grained black argillite with patches of clay alteration.	033553	40.00	41.76	1.76

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-56
Grid System : ORIGINAL
Collar Eastings : 21766.300
Collar Northings : 19801.000
Collar Elevations : 983.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 38.71
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.27	CASING	Casing				
4.27	30.33	INT	Very white intrusive in small worn fragments.	033554	4.27	6.00	1.73
				033555	6.00	8.00	2.00
7.50	12.28		Limonitic stockwork in intrusive with pods of very argillically altered zones. Pervasive fractures at 45 deg. to core axis.	033556	8.00	10.00	2.00
				033557	10.00	12.00	2.00
				033558	12.00	14.00	2.00
12.28	18.00		Very limonitic altered intrusive with abundant stockwork of veins. Heavy manganese staining.	033559	14.00	16.00	2.00
				033560	16.00	18.00	2.00
18.00	24.00		Intrusive with patches highly argillically altered intrusive. Grey siliceous pods between 19m & 19.5m.	033561	18.00	20.00	2.00
				033562	20.00	22.00	2.00
				033563	22.00	24.00	2.00
24.00	28.00		Highly argillically altered intrusive with patches of less altered intrusive.	033564	24.00	26.00	2.00
				033565	26.00	28.00	2.00
				033566	28.00	30.00	2.00
				033567	30.00	32.00	2.00
30.33	36.70	QFP					
30.33	31.90		Quartz feldspar porphyry with abundant quartz stockwork and 1-2% sulphide.				
31.90	36.70		Qaurtz feldspar porphyry with pods of intrusive. Intrusive has abundant limonitic stockwork in this interval. Contact with intrusive is at 45 deg. to core axis.	033568	32.00	34.00	2.00
				033569	34.00	36.00	2.00
				033570	36.00	38.71	2.71
36.70	38.71	ARG	Black argillite. Very fine grained with pods of black argillically altered areas of clay. Contact with quartz feldspar porphyry is perpendicular to core axis.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-57
Grid System : ORIGINAL
Collar Eastings : 22841.100
Collar Northings : 19894.200
Collar Elevations : 867.800
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 56.38
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.27	CASING	Casing				
4.27	10.50	INT	Intrusive with differently altered pods.	033571	4.27	6.00	1.73
6.00	7.00		Very limonitically altered with 25% manganese staining.	033572	6.00	8.00	2.00
				033573	8.00	10.00	2.00
8.30	10.00		Brecciated intrusive with 20-25% manganese and abundant limonitic alteration.	033574	10.00	12.00	2.00
10.50	19.00	P*INT	Highly argillically altered fresh intrusive (Wayne Reid rock)	033575	12.00	14.00	2.00
				033576	14.00	16.00	2.00
				033577	16.00	18.00	2.00
17.50	17.70		10cm wide (true thickness) euhedral stibnite vein trending 45 deg. to core axis. Crystals up to 3cm long. Kermesite staining.	033578	18.00	20.00	2.00
19.00	19.60	INT	Contact between fresh intrusive and intrusive approximately 20 deg. from core axis.				
19.60	34.14	P*INT	Argillically altered buff to green fresh intrusive with trace sulphide and quartz stockwork. 1cm wide carbonate vein containing massive sulphide including galena at 27.5m.	033579	20.00	22.00	2.00
				033580	22.00	24.00	2.00
				033581	24.00	26.00	2.00
				033582	26.00	28.00	2.00
				033583	28.00	30.00	2.00
				033584	30.00	32.00	2.00
				033585	32.00	34.00	2.00
32.10	34.14		Very limonitically altered fresh intrusive.	033586	34.00	36.00	2.00
34.14	41.76	QFP	Unaltered and limonitic quartz feldspar porphyry with trace sulphide and pods of fresh intrusive.				
34.70	35.36	INT	Very fractured.	033587	36.00	38.00	2.00
			NOTE: Nature of contact with argillite at	033588	38.00	40.00	2.00
			41.76 not very defined in core. Core	033589	40.00	42.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-57

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			was interrupted there.				
41.76	47.20	ARG	Black fine grained argillite with pods of clay textured - argillically altered argillite. Contact between argillite and quartz feldspar porphyry at 47.2 is 45 deg to core axis.	033590	42.00	44.00	2.00
				033591	44.00	46.00	2.00
				033592	46.00	48.00	2.00
47.20	56.38	QFP	Light grey quartz feldspar porphyry with megacrystic feldspars to 2cm x 2cm. 2-3% disseminated sulphide throughout.	033593	48.00	50.00	2.00
48.20	48.50		2cm black band of sulphide - bearing argillite arcs across core and back along 30cm length.	033594	50.00	52.00	2.00
50.20	50.90		Black 1mm wide stockwork. Possibly fine grained sulphide.	033595	52.00	54.00	2.00
52.10	52.60		Sulphide - bearing graphitic zone at 45 deg. to core axis.	033596	54.00	56.38	2.38
55.40	56.38		Sulphides non-existant. Green alteration of feldspars = chloritite alteration?				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-58
Grid System : ORIGINAL
Collar Eastings : 22839.600
Collar Northings : 19870.600
Collar Elevations : 867.400
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 77.42
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.66	CASING	Casing				
3.66	44.00	INT	Pervasively limonitic, stockworked, fine grained intrusive.				
3.66	4.00		Occasional chips of stibnite.	033597	3.66	4.00	0.34
4.00	4.40		Black, manganese oxide-rich, baked intrusive with intense quartz plus stibnite stockwork.	033598	4.00	6.00	2.00
4.40	6.70		Intrusive is manganese oxide-rich and in places, sandy textured.	033599	6.00	8.00	2.00
				033600	8.00	10.00	2.00
			NOTE: At 6.2m; is a 3-4m wide zone of orange clay.				
8.23	8.33		25% pockets of unoxidized intrusive.				
9.75	10.10		Intensely limonitic and hematitic zone.	033601	10.00	12.00	2.00
				033602	12.00	14.00	2.00
14.00	16.00		20% unoxidized intrusive. Thin stockwork	033603	14.00	16.00	2.00
			random but larger veins oriented 10-20 deg	033604	16.00	18.00	2.00
			on either side of verticle.				
			NOTE: At 15.35m; red staining in quartz vein.				
16.10	16.70		Very high limonite and manganese oxide content.	033605	18.00	20.00	2.00
19.20	19.80		10% massive stibnite, most is broken up, one 0.5cm wide vein runs approximately 15 deg. from verticle.	033606	20.00	22.00	2.00
21.44	24.80		Intrusive more feldspar-rich, more porphyritic.	033607	22.00	24.00	2.00
				033608	24.00	26.00	2.00
				033609	26.00	28.00	2.00
26.20	26.35		Two 1cm wide massive stibnite veins one is oriented at 30 deg. from verticle.	033611	28.00	30.00	2.00
29.50	30.50		Pervasive hematite and manganese oxide.	033612	30.00	32.00	2.00
			NOTE: At 30.18m; is a stibnite smear.	033613	32.00	34.00	2.00
34.00	36.00		Frequent quartz/stibnite veins. Largest is	033614	34.00	36.00	2.00
			3mm wide and runs at 25 deg. to verticle.	033615	36.00	38.00	2.00
36.80	37.00		Abundant green-yellow staining.				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-58

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
37.70	38.00		Frequent quartz/stibnite veins and bright orange limonite.	033616	38.00	40.00	2.00
38.70	39.20		3-4m quartz/stibnite veins of irregular thickness and direction.	033617	40.00	42.00	2.00
40.10	40.25		Thin quartz/stibnite veins and abundant green ochre.	033618	42.00	44.00	2.00
43.66	44.00		Intense quartz stockwork, green ochre, and occasional caught-up bits of black argillite along veins.				
44.00	73.16	QFP	Unoxidized quartz feldspar porphyry.				
44.00	46.65		Qaurtz feldspar porphyry has hematitic fracture surface, trace disseminated pyrite and occasional sandy-textured patches.	033619	44.00	46.00	2.00
				033620	46.00	48.00	2.00
46.65	47.20		Oxidized, clay-rich porphyry. NOTE: At 48.8m; is some bright red staining.	033621	48.00	50.00	2.00
50.00	51.50		Slightly pervasively limonitic.	033622	50.00	52.00	2.00
				033623	52.00	54.00	2.00
52.40	55.40		Clay-rich, incompetent quartz feldspar porphyry with high argillic alteration. NOTE: At 61m; quartz feldspar porphyry becomes lighter grey and feldspars become greenish.	033624	54.00	56.00	2.00
				033625	56.00	58.00	2.00
				033626	58.00	60.00	2.00
				033627	60.00	62.00	2.00
				033628	62.00	64.00	2.00
				033629	64.00	66.00	2.00
				033630	66.00	68.00	2.00
				033631	68.00	70.00	2.00
69.40	70.30		2-3 quartz/stibnite veins. Quartz veins are 3-5mm thick with 1mm thick stibnite in the middle.	033632	70.00	72.00	2.00
72.00	73.16		Quartz feldspar porphyry has occasional megacrysts of white feldspar.	033633	72.00	74.00	2.00
73.16	77.42	ARG	Black, graphitic, siliceous, stockworked argillite with abundant disseminated pyrite and pyrite stringers.				
73.40	73.50		Slices and pieces of quartz feldspar porphyry with irregular contacts with argillite.				
73.50	73.60		Massive pyrite blebs and veins up to	033634	74.00	76.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-58

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			1.5cm wide make up 15% of this interval.	033635	76.00	77.42	1.42

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-59
Grid System : ORIGINAL
Collar Eastings : 22837.500
Collar Northings : 19845.800
Collar Elevations : 867.300
Collar Bearing : 999.99
Grid Baseline : 64.00

Collar Inclination : -90.00
Grid Bearing : 154.00
Final Depth : 80.77
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	3.05	CASING	Casing				
3.05	7.77	INT	Pervasively limonitic, stockworked fine grained intrusive with occasional quartz eyes and megacrysts of white feldspar.	033636	3.05	4.00	0.95
				033637	4.00	6.00	2.00
				033638	6.00	8.00	2.00
7.77	10.54	ARG	Black, fissile, incompetent argillite with limonitic fracture surfaces.	033639	8.00	10.00	2.00
8.65	9.00	INT	Limonitic, fine grained, stockworked intrusive.				
9.15	9.45	INT	Limonitic, fine grained, stockworked intrusive.	033640	10.00	12.00	2.00
10.54	11.30	INT	Pervasively limonitic, stockworked intrusive.				
11.30	18.00	QFP	Unoxidized quartz feldspar porphyry with frequent quartz eyes, stockwork, and minor disseminated pyrite. Quartz feldspar porphyry has limonitic fracture and quartz vein envelopes.	033641	12.00	14.00	2.00
				033642	14.00	16.00	2.00
				033643	16.00	18.00	2.00
18.00	19.51	INT	Limonitic intrusive with abundant sericite and megacrysts of feldspar.	033644	18.00	20.00	2.00
19.51	24.35	ARG	Black, graphitic, incompetent, clay-rich argillite.				
20.00	20.50	INT	Pervasively limonitic, fine grained intrusive	033645	20.00	22.00	2.00
				033646	22.00	24.00	2.00
				033647	24.00	26.00	2.00
24.35	49.00	INT	Pervasively limonitic, stockworked intrusive.				
24.35	26.50		Intrusive is reddish and has higher argillite alteration and more stockwork.	033648	26.00	28.00	2.00
				033649	28.00	30.00	2.00

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-59

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				033650	30.00	32.00	2.00
31.20	31.40		20 deg. from verticle zone of brecciated, silicified argillite with greenish staining.	033651	32.00	34.00	2.00
				033652	34.00	36.00	2.00
				033653	36.00	38.00	2.00
			NOTE: At 34.14m; is quartz/stibnite vein 0.5cm wide at 50 deg. from verticle.				
			NOTE: At 34.35m; is quartz/stibnite vein 0.5cm wide at 30 deg. from verticle.				
38.00	40.00		Rare traces of disseminated pyrite.	033654	38.00	40.00	2.00
				033655	40.00	42.00	2.00
40.50	40.60		1cm wide zone of yellowish green ochre, possible stibnite vein.				
42.00	44.40		Intrusive is extremely feldspar rich and has hematitic and manganese oxide-rich fracture surfaces.	033656	42.00	44.00	2.00
				033657	44.00	46.00	2.00
45.80	46.00	ARG	Black, caly-rich, stockworked, brecciated, argillite.	033658	46.00	48.00	2.00
			NOTE: Intrusive on either side for 15cm has red alteration.				
47.45	48.00	F*INT	Black biotite-rich greenish brown intrusive.	033659	48.00	50.00	2.00
48.60	48.80		Intrusive is siliceous, bleached and has slickensides on frequent surfaces.				
48.80	49.00	ARG	Black argillite breccia that has been annealed with quartz and stockworked. Orientation not measureable.				
49.00	80.77	QFP	Feldspar-rich quartz feldspar porphyry with minor disseminated pyrite and quartz stockwork.				
49.00	52.00		Limonite-rich fracture surfaces.	033660	50.00	52.00	2.00
				033661	52.00	54.00	2.00
53.50	54.40		Argillic alteration increases.	033662	54.00	56.00	2.00
			NOTE: From 55m to end of hole, quartz feldspar porphyry has frequent quartz eyes.	033663	56.00	58.00	2.00
57.85	59.50		Quartz feldspar porphyry has 3-5% disseminated pyrite, is darker grey and has moderate argillic alteration.	033664	58.00	60.00	2.00
			NOTE: At 58.95-59.05m; is black graphitic, siliceous patch of argillite swirled				

PROPERTY : BREWERY CREEK
HOLE No. : BCDDH 91-59

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			with the quartz feldspar porphyry.				
59.50	67.50		Quartz feldspar porphyry has frequent white megacrysts of feldspar up to 2cm long. Smaller feldspars are altered green.	033665	60.00	62.00	2.00
				033666	62.00	64.00	2.00
				033667	64.00	66.00	2.00
				033668	66.00	68.00	2.00
				033669	68.00	70.00	2.00
68.70	69.05		Quartz feldspar porphyry has 2-3% disseminated pyrite with pyrite coated slickenside surfaces.	033670	70.00	72.00	2.00
				033671	72.00	74.00	2.00
				033672	74.00	76.00	2.00
				033673	76.00	78.00	2.00
76.62	76.67	ARG	Black, graphitic band at 30 deg. from verticle. It is smeared with quartz feldspar porphyry and is silicified.	033674	78.00	80.00	2.00
				033675	80.00	80.77	0.77
			NOTE: At 73-78m; has dark green altered feldspars.				

093027

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCTR91B-5
Grid System : ORIGINAL
Collar Eastings : 18615.800
Collar Northings : 20475.400
Collar Elevations : 835.200
Collar Bearing : 185.70
Grid Baseline : 64.00

Collar Inclination : -23.20
Grid Bearing : 154.00
Final Depth : 114.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	27.00	INT	Pervasively limonitic porphyritic fractured intrusion. Rare megacrysts of potassium feldspar?				
0.00	3.00		Abundant quartz eyes.	141702	0.00	3.00	3.00
				141703	3.00	6.00	3.00
				141704	6.00	9.00	3.00
9.00	12.00		Abundant white chloritic weathered biotites.	141705	9.00	12.00	3.00
12.00	15.00		Weathered biotite phenocrysts have black cores.	141706	12.00	15.00	3.00
15.00	18.00		Occasinal quartz eyes.	141707	15.00	18.00	3.00
18.00	21.00		Very calcareous, with quartz eyes.	141708	18.00	21.00	3.00
				141709	21.00	24.00	3.00
				141710	24.00	27.00	3.00
27.00	30.00	ARG	Gougey, clay rich, fissile black argillite	141711	27.00	30.00	3.00
30.00	42.00	INT	Pervasively limonitic porphyritic, fractured intrusive with abundant white chloritic weathered biotites.	141712	30.00	33.00	3.00
31.00	33.00		5% of biotites still black.	141713	33.00	36.00	3.00
36.00	39.00		10% of biotites still black, rare quartz eyes.	141714	36.00	39.00	3.00
39.00	42.00		Very calcareous, can see culcic sheen on rock.	141715	39.00	42.00	3.00
42.00	45.00	ARG	Black, siliceous, fractured with sparry calcite on fracture surfaces.	141716	42.00	45.00	3.00
45.00	48.00	OVBDR	Overvurden, side slumped down.	141717	45.00	48.00	3.00
48.00	111.00	INT	Pervasively limonitic porphyritic fractured, calcareous intrusive.	141718	48.00	51.00	3.00
				141719	51.00	54.00	3.00
				141720	54.00	57.00	3.00
57.00	60.00		Abundant quartz eyes and up to 5% pyrite.	141721	57.00	60.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91B-5

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			Pyrite fills fractures and occurs in blebs and stringers.				
60.00	66.00		Ocassinal fine grained pyrite.	141722	60.00	63.00	3.00
				141723	63.00	66.00	3.00
66.00	72.00		Pinkish cast to intrusive.	141724	66.00	69.00	3.00
				141725	69.00	72.00	3.00
				141726	72.00	75.00	3.00
				141727	75.00	78.00	3.00
76.00	81.00		Abundant white weathered biotites.	141728	78.00	81.00	3.00
				141729	81.00	84.00	3.00
83.00	84.00	F*INT	Dark grey, black biotite rich fresh intrusive.				
84.00	111.00		Limonitic, pinkish intrusive with varying amounts, 5-20%, black biotite. Occasional pods of grey, only slightly oxidized fresh intrusive with abundant black biotites.	141730	84.00	87.00	3.00
				141731	87.00	90.00	3.00
				141732	90.00	93.00	3.00
				141733	93.00	96.00	3.00
			NOTE: 105 m, Pods of light grey unoxidized quartz feldspar porphyry with 3% disseminated pyrite.	141734	96.00	99.00	3.00
				141735	99.00	102.00	3.00
				141736	102.00	105.00	3.00
			NOTE:105-111 m, Intrusive is crumbly and in permafrost, very clay rich.	141737	105.00	108.00	3.00
				141738	108.00	111.00	3.00
111.00	114.00	ARG	Black, crumbly, muddy, frozen argillite-very clay rich.	141739	111.00	114.00	3.00
			NOTE: TRENCH ENDS HERE BECAUSE OF PERMAFROST.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91B-6
Grid System . ORIGINAL
Collar Eastings : 19018.000
Collar Northings : 20493.800
Collar Elevations : 866.900
Collar Bearing : 181.70
Grid Baseline : 64.00

Collar Inclination : -23.48
Grid Bearing : 154.00
Final Depth : 258.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	35.00	ARG	Black, siliceous argillite with limonitic fracture surfces.		0.00	3.00	3.00
					3.00	6.00	3.00
			NOTE: Prominent fracture surfaces at 9m are 030/90 deg and 112/60 deg. N.E.		6.00	9.00	3.00
					9.00	12.00	3.00
			NOTE: Argillite becomes more fractured at 25m.		12.00	15.00	3.00
					15.00	18.00	3.00
					18.00	21.00	3.00
					21.00	24.00	3.00
					24.00	27.00	3.00
					27.00	30.00	3.00
					30.00	33.00	3.00
				145201	33.00	36.00	3.00
35.00	38.00	INT	Fine grained, brown intrusive dyke (?) striking at 100 deg. and dipping 80 deg. S.W.	145202	36.00	39.00	3.00
38.00	64.00	ARG	Blue-black, graphitic, occasionally sil- iceous argillite that has been fractured and sheared to incompetent soil and chips.	145203	39.00	42.00	3.00
					42.00	45.00	3.00
					45.00	48.00	3.00
					48.00	51.00	3.00
					51.00	54.00	3.00
					54.00	57.00	3.00
				145204	57.00	60.00	3.00
				145205	60.00	63.00	3.00
				145206	63.00	66.00	3.00
64.00	97.00	INT	Limonitic, siliceous, white intrusive with intense argillite alteration and stock- working. Occasional veins and open space filling of white, soft, opaque alunite(?).	145207	66.00	69.00	3.00
				145208	69.00	72.00	3.00
				145209	72.00	75.00	3.00
			NOTE: Contact at 64m strikes at 100 deg. and appears to undulate.				
			NOTE: Contact at 72m is at 102/25 deg. S.W.				

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91B-6

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
73.00	75.00	ARG	Black, stockworked, brecciated, resilicified argillite and tectonized fractured argillite. NOTE: Contact at 75m where sheared, fractured argillite underlies the brecciated silicified argillite is at 084/64 deg. S.E. NOTE: Contact between brecciated resilicified argillite and brecciated, resilicified intrusive undeterminable due to rubbly OCR and perhaps an unclear boundary. NOTE: Massive stibnite found in float on bottom of trench at 81m.	145210	75.00	78.00	3.00
				145211	78.00	81.00	3.00
				145212	81.00	84.00	3.00
				145213	84.00	87.00	3.00
				145214	87.00	90.00	3.00
				145215	90.00	93.00	3.00
				145216	93.00	96.00	3.00
				145217	96.00	99.00	3.00
97.00	157.00	ARG	Black, graphitic, siliceous, fractured argillite. NOTE: Contact at 97m strikes at 112 deg. and dips 20 deg. S.W. (in srip log contact appear to be dipping north due to the steepness of the trench). Contact has 10cm brown fault gouge. NOTE: White, siliceous intrusive follows trench down on top of argillite and disappears into overburden at 158m. NOTE: Argillite continues and is very homogeneous.	145218	99.00	102.00	3.00
				145219	102.00	105.00	3.00
					105.00	108.00	3.00
					108.00	111.00	3.00
					111.00	114.00	3.00
					114.00	117.00	3.00
					117.00	120.00	3.00
					120.00	123.00	3.00
					123.00	126.00	3.00
					126.00	129.00	3.00
					129.00	132.00	3.00
					132.00	135.00	3.00
					135.00	138.00	3.00
					138.00	141.00	3.00
					141.00	144.00	3.00
					144.00	147.00	3.00
					147.00	150.00	3.00
					150.00	153.00	3.00
					153.00	156.00	3.00
				145220	156.00	159.00	3.00
157.00	170.00	INT	Pervasively limonitic intrusive with trace to 0.5% very finely disseminated pyrite. NOTE: Contact at 157m is 080/20 deg. S.E. (again, intrusive appears to be dipping north because of steepness of	145221	159.00	162.00	3.00
				145222	162.00	165.00	3.00
				145223	165.00	168.00	3.00
				145224	168.00	171.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91B-6

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			trench).				
			NOTE: Contact at 170m is at 090/20 deg. south.				
170.00	234.00	ARG	Black, graphitic, siliceous, stockworked, heavily fractured argillite.	145225	171.00	174.00	3.00
					174.00	177.00	3.00
					177.00	180.00	3.00
					180.00	183.00	3.00
					183.00	186.00	3.00
					186.00	189.00	3.00
					189.00	192.00	3.00
					192.00	195.00	3.00
					195.00	198.00	3.00
					198.00	201.00	3.00
					201.00	204.00	3.00
					204.00	207.00	3.00
					207.00	210.00	3.00
					210.00	213.00	3.00
					213.00	216.00	3.00
					216.00	219.00	3.00
					219.00	222.00	3.00
					222.00	225.00	3.00
					225.00	228.00	3.00
					228.00	231.00	3.00
				145226	231.00	234.00	3.00
234.00	248.00	INT	Pervasively limonitic and hematitic intrusive with intense argillic alteration and occasional stockwork.	145227	234.00	237.00	3.00
				145228	237.00	240.00	3.00
				145229	240.00	243.00	3.00
			NOTE: Contact at 234m is 070/25 deg. S.E.	145230	243.00	246.00	3.00
			NOTE: Argillite dips down and then undulates back up before dipping down finally at 248m.	145231	246.00	249.00	3.00
248.00	258.00	ARG	Black, graphitic, siliceous, fractured argillite.	145232	249.00	252.00	3.00
				145233	252.00	255.00	3.00
			NOTE: After 258m, trench is composed mainly of overburden.		255.00	258.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCTR91BO-1
Grid System : ORIGINAL
Collar Eastings : 23152.300
Collar Northings : 19352.800
Collar Elevations : 819.000
Collar Bearing : 349.09
Grid Baseline : 64.00

Collar Inclination : -15.17
Grid Bearing : 154.00
Final Depth : 72.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	6.00	INT	Pervasively limonitic intrusive with white remnant biotites and trace disseminated, pyrite contact with mudstone is brecciated and silicified. Occasinal quartz eyes. Intrusive overlain by extremely fissile, limonitic mudstone.	141740	0.00	3.00	3.00
				141741	3.00	6.00	3.00
6.00	21.00	SEDS	Fractured, limonitic, soft highly fissile mudstone.	141742	6.00	9.00	3.00
9.00	21.00		Sedements are overlain by silicified, highly limonitic intrusive with pods of 3% disseminated pyrite. NOTE: Mudstone near contact at end of intrusive is greenish and silicified. NOTE: 9-15 m a composite sample was taken, sample number R141774. A composite sample was also taken from 15-21 m with a sample number of R141775.	141743	9.00	12.00	3.00
				141744	12.00	15.00	3.00
				141745	15.00	18.00	3.00
				141746	18.00	21.00	3.00
21.00	24.00	ARG	Black, siliceous, brecciated with trace very finely disseminated pyrite.	141747	21.00	24.00	3.00
24.00	27.00	INT	Limonitic, siliceous intrusive turning to soft, clay rich incompetent intrusive. White fault gouge (1 cm thick) at contact, (contact is at 040/18 degrees S.E.)	141748	24.00	27.00	3.00
27.00	30.00	ARG	Black, incompetent, clay-rich gougey argillite.	141749	27.00	30.00	3.00
30.00	51.00	INT	Pervasively limonitic intrusive.				
30.00	36.00		Trace stockwork, 1% finely disseminated pyrite.	141750	30.00	33.00	3.00
				141751	33.00	36.00	3.00
36.00	39.00		Fault zone begins at contact (034/38 S.E.) with blue black clay-rich, graphitic,	141752	36.00	39.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91BO-1

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			incompetent argillite. 1-3 cm zones of white fault gauge on both sides of argillite.				
39.00	45.00		Alternating zones of reddish, silicified, stockworked intrusive with zones of white highly argillic, clay-rich, incompetent intrusive. Both zones are highly fractured and silicified. Massive stibnite veins (1-1.5 cm thick) found at 42 and 45 m.	141753 141754	39.00 42.00	42.00 45.00	3.00 3.00
45.00	48.00		Highly stockworked, intensely argillic intrusive with dark purpleish cast.	141755	45.00	48.00	3.00
48.00	51.00		Extremely silicified, reddish intrusive with all original textures unrecongnizable	141756	48.00	51.00	3.00
51.00	63.00	ARG	Black, graphitic fissile highly fractured argillite. Contact with intrusive is at 040/25 S.E. and has 2 cm thick white fault gouge.	141757 141758 141759 141760	51.00 54.00 57.00 60.00	54.00 57.00 60.00 63.00	3.00 3.00 3.00 3.00
63.00	72.00	INT	Pervasively limonitic, competent inrusive with trace of very finely dissemianted sulphides.	141761 141762 141763	63.00 66.00 69.00	66.00 69.00 72.00	3.00 3.00 3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91BO-2
Grid System : ORIGINAL
Collar Eastings : 23418.200
Collar Northings : 19281.200
Collar Elevations : 861.400
Collar Bearing : 360.59
Grid Baseline : 64.00

Collar Inclination : -14.67
Grid Bearing : 154.00
Final Depth : 84.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	9.00	ARG	Black, graphitic, stockworked, slightly limonitic, fissile, fractured argillite.	141901	0.00	3.00	3.00
				141902	3.00	6.00	3.00
4.00	6.00	INT	Fine grained, pervasively limonitic intrusive with minor quartz stockworking, trace disseminated pyrite and remnant white micas. Orientated at 080/50 deg. south. NOTE: Fracture face in argillite at 7m is at 010/65 deg. south, with slickensides pitching 37-010 deg.	141903	6.00	9.00	3.00
9.00	14.00	INT	Pervasively limonitic, sheared intrusive with little remaining original textures. Minor stockworking. Looks like part of thrust and on the north contact it is underlain by a wedge of black graphitic argillite and then grey clay gouge. Thrust is orientated at 040/15 deg. S.E.	141904	9.00	12.00	3.00
				141905	12.00	15.00	3.00
14.00	24.00	ARG	Black to yellow, fissile, fractured argillite. Very clay rich. NOTE: At 23m, fracture cleavage at 350/20 deg. S.W.	141906	15.00	18.00	3.00
				141907	18.00	21.00	3.00
				141908	21.00	24.00	3.00
24.00	31.00	INT	Pervasively limonitic, argillically altered intrusive. NOTE: Contact with argillite is irregular and blocky and likely an intrusive rather than a fault contact. NOTE: At 26m, intrusive becomes very red with hematitic (?) staining. NOTE: At 27m, there is a sharp wedge of argillite with paralleling veins of white, opaque, alunite (?) in the surrounding intrusive.	141909	24.00	27.00	3.00
				141910	27.00	30.00	3.00
				141911	30.00	33.00	3.00
31.00	37.00	ARG	Black to grey, limonitic, sheared, clay-	141912	33.00	36.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91BO-2

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			rich, fractured argillite.	141913	36.00	39.00	3.00
37.00	78.00	INT	Pervasively limonitic, sheared, argillically altered intrusive with remnant white micas.	141914	39.00	42.00	3.00
				141915	42.00	45.00	3.00
				141916	45.00	48.00	3.00
			NOTE: Contact at 37m is at 080/85 deg. south.	141917	48.00	51.00	3.00
				141918	51.00	54.00	3.00
			NOTE: At 38m, intrusive becomes more red altered.	141919	54.00	57.00	3.00
				141920	57.00	60.00	3.00
			NOTE: From 43-46m, a band of white, intensely argilically altered intrusive runs at 110 deg. verticle.	141921	60.00	63.00	3.00
				141922	63.00	66.00	3.00
				141923	66.00	69.00	3.00
			NOTE: Intrusive becomes less red and more stockworked at 54m. At 57m, there is 1cm wide massive stibnite vein running at 060/50 deg. N.W.	141924	69.00	72.00	3.00
				141925	72.00	75.00	3.00
				141926	75.00	78.00	3.00
			NOTE: Prominent fractures are at 350/85 deg. S.W. and 044/70 deg. N.W. throughout whole intrusive interval.				
			NOTE: At 62m, cores of intrusive blocks show blue, unoxidized intrusive with trace to 1% finely disseminated pyrite. Pyrite is abundant on fracture surfaces and there are occasional pyrite stringers.				
			NOTE: At 66m, a 15cm wide sheared zone at 058 deg. verticle has clay gouge and a trace of stibnite. Intrusive becomes pinkish orange.				
			NOTE: At 75m, a 50-70cm zone of siliceous, more argillically altered intrusive.				
78.00	84.00	F*INT	Greenish grey, black biotite-rich intrusive. Limonite on fracture surfaces, but not pervasive.	141927	78.00	81.00	3.00
				141928	81.00	84.00	3.00
			NOTE: At 78m, there is a 20cm wide shear zone of sandy textured intrusive. A clean contact in the middle of this exists between intrusive with and without biotite. This contact runs at 080/65 deg. south. To the north				

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91B0-2

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			of the sandy zone is a 50cm zone of intrusive that is extremely biotite rich and looks black (W.R. rock?).				

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91C-5
Grid System : ORIGINAL
Collar Eastings : 19349.700
Collar Northings : 20062.800
Collar Elevations : 806.000
Collar Bearing : 363.79
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : 11.81
Grid Bearing : 154.00
Final Depth : 147.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	35.00	ARG	Black, fissile, fractured, slightly graphitic argillite. May have very finely disseminated sulphides, but these are too fine to be definite. NOTE: Bedding or fracture cleavage at 5m is 300/30 deg. N.E. NOTE: At 12m, bedding/fracture cleavage is 326/45 deg. N.E. NOTE: At 21m, argillite becomes mostly clay gouge, at 30m, it begins to get more graphitic. NOTE: At 32m, argillite is siliceous and has stockworking, although still very clay-rich and fractured.	145234	0.00	3.00	3.00
				145235	3.00	6.00	3.00
				145236	6.00	9.00	3.00
				145237	9.00	12.00	3.00
				145238	12.00	15.00	3.00
				145239	15.00	18.00	3.00
				145240	18.00	21.00	3.00
				145241	21.00	24.00	3.00
				145242	24.00	27.00	3.00
				145243	27.00	30.00	3.00
				145244	30.00	33.00	3.00
				145245	33.00	36.00	3.00
35.00	134.00	INT	Limonitic intrusive. NOTE: At 35m, contact is 070/45 deg. S.E. It consists of very black graphitic argillite with a clast of massive stibnite, and center clast of siliceous, sandy textured intrusive. Underneath argillite is a 15cm wide zone of light grey clay gouge. NOTE: Intrusive is very limonitic, siliceous, stockworked, and has intense argillic alteration. Competent quartz veins with massive stibnite are frequent: at 37m; 3cm wide stibnite vein at 135/75 S.W. at 39m; 6cm wide stibnite vein at 128/86 deg. S.W. at 42m; 5cm wide stibnite vein at 130/73 deg. S.W.	145246	36.00	39.00	3.00
				145247	39.00	42.00	3.00
				145248	42.00	45.00	3.00
44.00	45.00	SB	Massive stibnite and quartz vein at apprx-	145249	45.00	48.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91C-5

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			imately 105-110/88 deg. south. Measure-	145250	48.00	51.00	3.00
			ments of contact are: 110/88 deg. south	145251	51.00	54.00	3.00
			106/88 deg. south				
			080/45 deg. south				
			NOTE: Prominant fracture set at 130/86 deg. south indicates that previous measurments of smaller stibnite veins were actually fractures, or that the veins followed the fractures. Slikenslides on vein surfaces seem to inticate that this is a fracture/fault orientation.				
			NOTE: At 48m, intrusive changes from sandy textured to a more competent textured fractured rock.				
54.00	134.00		Pervasively limonitic intrusive with rare	148145	54.00	57.00	3.00
			quartz eyes and occasional small micas or	148146	57.00	60.00	3.00
			white, remnant biotites. Intrusive has	148147	60.00	63.00	3.00
			trace amounts of finely disseminated	148148	63.00	66.00	3.00
			pyrite in patches and blebs, and has minor	148149	66.00	69.00	3.00
			very fine stockworking.	148150	69.00	72.00	3.00
			NOTE: Intrusive has occasional megacrysts	148151	72.00	75.00	3.00
			of feldspar from 78-82m.	148152	75.00	78.00	3.00
			NOTE: From 84m, intrusive has increased	148153	78.00	81.00	3.00
			percentage of white remnant biotites.	148154	81.00	84.00	3.00
				148155	84.00	87.00	3.00
			NOTE: At 120m, begin to suspect muddy	148156	87.00	90.00	3.00
			clayey overburden mixed in with	148157	90.00	93.00	3.00
			OCR.	148158	93.00	96.00	3.00
			NOTE: At 123m, intrusive begins to be	148159	96.00	99.00	3.00
			more limonitic, stockworked and	148160	99.00	102.00	3.00
			argillically altered. Not sure if	148161	102.00	105.00	3.00
			it is pure OCR.	148162	105.00	108.00	3.00
				148163	108.00	111.00	3.00
				148164	111.00	114.00	3.00
				148165	114.00	117.00	3.00
				148166	117.00	120.00	3.00
				148167	120.00	123.00	3.00
				148168	123.00	126.00	3.00
				148169	126.00	129.00	3.00
				148170	129.00	132.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91C-5

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				148171	132.00	135.00	3.00
134.00	139.00	ARG	Black, graphitic, incompetent, argillite. Texture is very crumbly. NOTE: Contact at 190/15 deg. S.E. Intrusive is very red and crumbly at contact.	148172	135.00	138.00	3.00
				148173	138.00	141.00	3.00
139.00	147.00	INT	Pervasively limonitic intrusive with occasional quartz eyes and white remnant biotite. NOTE: Contact at 139m is 075/08 deg. S.E.	148174	141.00	144.00	3.00
					144.00	147.00	3.00

PROPERTY : BREWERY CREEK

DIAMOND DRILL LOG

HOLE No. : BCTR91CL-1

Grid System : ORIGINAL

Collar Eastings : 18779.400

Collar Northings : 16858.500

Collar Elevations : 939.500

Collar Bearing : 362.03

Grid Baseline : 64.00

Collar Inclination : -4.02

Grid Bearing : 154.00

Final Depth : 363.00

Claim No. :

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
0.00	47.00	F*INT	Oxidized, rusty, weathering hornblend-	167301	6.00	9.00	3.00
			biotite feldspar intrusive rock. Sandy	167302	9.00	12.00	3.00
			textured greenish-orange on fresh surface	167303	12.00	15.00	3.00
			and bright orange on weathered surface.	167304	15.00	18.00	3.00
			NOTE: At 6m 019/50 deg. E; foliation in	167305	18.00	21.00	3.00
			sandy textured fresh intrusive.	167306	21.00	24.00	3.00
			NOTE: At 9m 025/80 deg. S.E.; closely	167307	24.00	27.00	3.00
			spaced fracture.	167308	27.00	30.00	3.00
			NOTE: At 10-12m; fresh intrusive becomes	167309	30.00	33.00	3.00
			very clay altered, foliated, sandy	167310	33.00	36.00	3.00
			textured. Biotites still preserved;				
			at 13m again more competent.				
			NOTE: At 10m 040/58 deg. S.E.; pervasive				
			fracture.				
			NOTE: At 12m 105/37 deg. S.; foliation.				
			NOTE: At 13m 064/79 deg. S.E.; closely				
			spaced fracture (to foliation).				
			NOTE: At 21m 145/35 deg. N.E.; intermit-				
			tent, closely spaced fracture and				
			foliation bands in fresh intrusive.				
			Foliation bands have sandy texture.				
			NOTE: Between 21-36m; very rusty with				
			partially altered biotites. Matrix				
			of fresh intrusive oxidized to red				
			colour.				
36.00	47.00		Fresh intrusive is sandy textured and clay	167311	36.00	39.00	3.00
			altered, very rusty weathering with green-	167312	39.00	42.00	3.00
			ish yellow pods.	167313	42.00	45.00	3.00
				167314	45.00	48.00	3.00
47.00	95.00	INT	Very rusty weathered, oxidized, siliceous	167315	48.00	51.00	3.00
			intrusive rock with pods of yellow weath-	167316	51.00	54.00	3.00
			ered pyllically altered clay like material	167317	54.00	57.00	3.00
			Outcrop is largly shattered and broken up.	167318	57.00	60.00	3.00
			NOTE: At 40m 067/51 S.E.; contact between	167319	60.00	63.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-1

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			pervasive fractured, rusty fresh intrusive and shattered clay intrusive	167320	63.00	66.00	3.00
				167321	66.00	69.00	3.00
			NOTE: At 42m 336/62 deg. N.E.; closely spaced fracture which is also the footwall beneith a clay band.	167322	69.00	72.00	3.00
				167323	72.00	75.00	3.00
				167324	75.00	78.00	3.00
			NOTE: At 51m 355/51 deg. E.; closely spaced fracture.	167325	78.00	81.00	3.00
				167326	81.00	84.00	3.00
			NOTE: At 60m 182/62 deg. W.; closely spaced fracture.	167327	84.00	87.00	3.00
				167328	87.00	90.00	3.00
			NOTE: At 69m 150/64 deg. S.W.; pervasive fracture.	167329	90.00	93.00	3.00
				167330	93.00	96.00	3.00
			NOTE: At 84m 170/60 deg. W.; very closely spaced fracture in intrusive.				
			NOTE: At 87m; rock gets more competent again. Pervasively phyllically altered, light yellowish green, very rusty weathering intrusive - highly fractured and shattered.				
95.00	243.00	F*INT	Very rusty weathered biotite-hornblend feldspar intrusive rock. Highly fractured and oxidized to red on fresh intrusive.	167331	96.00	99.00	3.00
				167332	99.00	102.00	3.00
				167333	102.00	105.00	3.00
			NOTE: At 96m 353/50 deg. E.; closely spaced fracture in very rusty weathered fresh intrusive.	167334	105.00	108.00	3.00
				167335	108.00	111.00	3.00
				167336	111.00	114.00	3.00
			NOTE: At 99m 186/55 deg. W.; contact between fresh intrusive - fracture to the south and highly shattered clay altered fresh intrusive to the north	167337	114.00	117.00	3.00
				167338	117.00	120.00	3.00
				167339	120.00	123.00	3.00
				167340	123.00	126.00	3.00
			NOTE: At 108m 195/85 deg. W.; contact between clay band and highly fractured fresh intrusive.	167341	126.00	129.00	3.00
				167342	129.00	132.00	3.00
				167343	132.00	135.00	3.00
			NOTE: At 113m 113/70 deg. S.; prominent fracture in fresh intrusive.	167344	135.00	138.00	3.00
				167345	138.00	141.00	3.00
			NOTE: At 117m 345/45 deg. N.E.; pervasive fracture at contact clay band.	167346	141.00	144.00	3.00
				167347	144.00	147.00	3.00
			NOTE: Clay altered fresh intrusive continues to 132m and comprises of yellow-orange clay and shattered fresh intrusive. Pods of Wayne Reid rock.	167348	147.00	150.00	3.00
				167349	150.00	153.00	3.00
				167350	153.00	156.00	3.00
				167351	156.00	159.00	3.00
			NOTE: At 135m 035/85 deg. S.E.; prominent	167352	159.00	162.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-1

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			fracture in fresh intrusive.	167353	162.00	165.00	3.00
			NOTE: At 150m 175/25 deg. W.; cotact	167354	165.00	168.00	3.00
			between clay intrusive in hanging	167355	168.00	171.00	3.00
			wall and fresh intrusive in foot-	167356	171.00	174.00	3.00
			wall.	167357	174.00	177.00	3.00
			NOTE: From 159m fresh intrusive becomes	167358	177.00	180.00	3.00
			increasingly rusty weathering to end	167359	180.00	183.00	3.00
			of trench.	167360	183.00	186.00	3.00
			NOTE: At 163m 280/86 deg. N.; prominent	167361	186.00	189.00	3.00
			fracture.	167362	189.00	192.00	3.00
			NOTE: At 177m 330/57 deg. N.E.; prominent	167363	192.00	195.00	3.00
			fracture in fresh intrusive.	167364	195.00	198.00	3.00
			NOTE: At 189m 032/75 deg. S.E.; prominent	167365	198.00	201.00	3.00
			fracture.	167366	201.00	204.00	3.00
			NOTE: At 202m 018/80 deg. E.; prominent		204.00	207.00	3.00
			fracture.		207.00	210.00	3.00
					210.00	213.00	3.00
					213.00	216.00	3.00
					216.00	219.00	3.00
					219.00	222.00	3.00
					222.00	225.00	3.00
					225.00	228.00	3.00
					228.00	231.00	3.00
					231.00	234.00	3.00
					234.00	237.00	3.00
					237.00	240.00	3.00
					240.00	243.00	3.00
243.00	245.00	INT	Pervasively oxidized and phyllically alt-	167367	243.00	246.00	3.00
			ered intrusive rock.				
245.00	363.00	F*INT	Medium to coarse-grained biotite-hornblend	167368	246.00	249.00	3.00
			feldspar intrusive rock with occasional	167369	249.00	252.00	3.00
			quartz eyes. Phyllically altered, locally		252.00	255.00	3.00
			to intrusive. Sheared clay bands are abun-		255.00	258.00	3.00
			dant throughout interval.		258.00	261.00	3.00
			NOTE: At 250m 197/82 deg. N.W.; prominant		261.00	264.00	3.00
			fracture.		264.00	267.00	3.00
					267.00	270.00	3.00
					270.00	273.00	3.00
					273.00	276.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-1

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
					276.00	279.00	3.00
					279.00	282.00	3.00
					282.00	285.00	3.00
					285.00	288.00	3.00
					288.00	291.00	3.00
					291.00	294.00	3.00
					294.00	297.00	3.00
					297.00	300.00	3.00
				167370	300.00	303.00	3.00
				167371	303.00	306.00	3.00
				167372	306.00	309.00	3.00
				167373	309.00	312.00	3.00
				167374	312.00	315.00	3.00
					315.00	318.00	3.00
					318.00	321.00	3.00
					321.00	324.00	3.00
					324.00	327.00	3.00
				167375	327.00	330.00	3.00
				167376	330.00	333.00	3.00
				167377	333.00	336.00	3.00
				167378	336.00	339.00	3.00
				167379	339.00	342.00	3.00
					342.00	345.00	3.00
					345.00	348.00	3.00
					348.00	351.00	3.00
					351.00	354.00	3.00
					354.00	357.00	3.00
					357.00	360.00	3.00
					360.00	363.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-2
Grid System : ORIGINAL
Collar Eastings : 18902.100
Collar Northings : 16704.600
Collar Elevations : 921.600
Collar Bearing : 360.42
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -0.74
Grid Bearing : 154.00
Final Depth : 111.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	54.00	INT	Pervasively oxidized, extremely rusty and phyllically altered, highly fractured and broken up siliceous intrusive rock. Zones with clay like gouge, irregular shaped and locally lenticular. The intrusive rock is shattered by pervasive fractures and largly altered to sandy textured clay like material. Pods of light yellowish grey to yellowish green phyllic clay throughout.	166401	0.00	3.00	3.00
				166402	3.00	6.00	3.00
				166403	6.00	9.00	3.00
				166404	9.00	12.00	3.00
				166405	12.00	15.00	3.00
				166406	15.00	18.00	3.00
				166407	18.00	21.00	3.00
				166408	21.00	24.00	3.00
				166409	24.00	27.00	3.00
			NOTE: At 5m 112/20 deg. S.W.; fracture foliation (later than N-S fracture).	166410	27.00	30.00	3.00
				166411	30.00	33.00	3.00
			NOTE: At 6m 162/65 west; pervasive fracture running approximately parallel to trench wall.	166412	33.00	36.00	3.00
				166413	36.00	39.00	3.00
				166414	39.00	42.00	3.00
			NOTE: At 12m 040/76 deg. S.E.; fracture face with 040/220 deg. slickensides.	166415	42.00	45.00	3.00
				166416	45.00	48.00	3.00
			NOTE: 24-111m; SHATTERED, FOLIATED CLAY LIKE GOUGE MATERIAL. LIMONITIC MICRO FRACTURES AND MANGANESE ON FRACTURE SURFACES THROUGHOUT.	166417	48.00	51.00	3.00
				166418	51.00	54.00	3.00
			NOTE: At 30m 020/32 deg. S.E.; foliation in clay gouge. 032/72 S.E. fracture cutting foliation.				
			NOTE: At 39m 145/37 deg. S.W.; FAULT contact between clay intrusive and shattered more competent intrusive.				
			NOTE: At 45m 023/50 S.E.; foliation in clay intrusive.				
			NOTE: At 46m 035/90 deg. prominent fracture overprinted by above shear.				
			NOTE: At 51m 242/86 north; closely spaced prominent fracture crosscutting foliation in clay shear.				
54.00	66.00	P*INT	Phllically altered, rusty weathering med-				

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-2

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			ium-grained intrusive rock which contains <5% quartz eyes, 5% biotite, 10-15% hornblende and 75-80% plagioclasts.				
54.00	57.00		Narrow band of competent fresh intrusive. NOTE: 56m 030/85 deg. S.E.; prominent fracture 340/42 deg. N.E. fracture cut by 030 deg. fracture.	166419	54.00	57.00	3.00
57.00	63.00	F*INT	Fresh intrusive is sandy textured and pervasively sheared. NOTE: At 63m 344/55 deg. N.E.; very closely spaced fracture.	166420	57.00	60.00	3.00
				166421	60.00	63.00	3.00
				166422	63.00	66.00	3.00
66.00	111.00	INT	Very soft, crumbly, sandy textured, greenish yellow to orange clay intrusive. Intrusive is pervasivelly phyllically altered and mafic minerals are not preserved.	166423	66.00	69.00	3.00
				166424	69.00	72.00	3.00
				166425	72.00	75.00	3.00
				166426	75.00	78.00	3.00
				166427	78.00	81.00	3.00
				166428	81.00	84.00	3.00
				166429	84.00	87.00	3.00
				166430	87.00	90.00	3.00
				166431	90.00	93.00	3.00
				166432	93.00	96.00	3.00
				166433	96.00	99.00	3.00
				166434	99.00	102.00	3.00
				166435	102.00	105.00	3.00
				166436	105.00	108.00	3.00
				166437	108.00	111.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-3
Grid System : ORIGINAL
Collar Eastings : 18909.100
Collar Northings : 16864.100
Collar Elevations : 922.700
Collar Bearing : 358.09
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -4.69
Grid Bearing : 154.00
Final Depth : 108.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	14.00	INT	Greenish-yellow to bright orange coloured crumbly, shattered, sandy textured, pervasively phyllically altered siliceous intrusive rock. Rock is very soft but feldspars are preserved in situ. NOTE: No samples taken from 0-6m. NOTE: At 9m 175/61 deg. west closely spaced fracture to foliation fracture. Also contact between semi-competent intrusive and soft clay intrusive.	166438	6.00	9.00	3.00
				166439	9.00	12.00	3.00
				166440	12.00	15.00	3.00
14.00	16.00	F*INT	Narrow zone of rusty weathering, competent but pervasively fractured fresh intrusive with 10-15% hornblende, 5-10% biotite, rare quartz eyes and euhedral, medium to coarse-grained feldspar. NOTE: At 14m 088/465 deg.; south contact between competent fresh intrusive (with parallel trending fracture) in footwall and clay intrusive in hanging wall.	166441	15.00	18.00	3.00
16.00	50.00	INT	Interleaved competent intrusive and clay intrusive. Clay intrusive has very irregular contacts and forms lenticular pods locally. NOTE: At 24m 166/74 deg. west; prominant fracture. NOTE: 27-50m; predominantly shattered clay intrusive.	166442	18.00	21.00	3.00
				166443	21.00	24.00	3.00
				166444	24.00	27.00	3.00
				166445	27.00	30.00	3.00
				166446	30.00	33.00	3.00
				166447	33.00	36.00	3.00
				166448	36.00	39.00	3.00
				166449	39.00	42.00	3.00
				166450	42.00	45.00	3.00
				166451	45.00	48.00	3.00
				166452	48.00	51.00	3.00
50.00	69.00	F*INT	Mafics (hornblende and biotite) preserved	166453	51.00	54.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-3

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			in semi competent intrusive with 5-10%	166454	54.00	57.00	3.00
			quartz eyes. Bands of mafic intrusive	166455	57.00	60.00	3.00
			interleaved with sheared clay intrusive	166456	60.00	63.00	3.00
			throughout this interval.	166457	63.00	66.00	3.00
			NOTE: At 35m 115/47 deg. south; contact	166458	66.00	69.00	3.00
			between narrow wedge (30cm) at competent intrusive in predominantly clay intrusive.				
			NOTE: At 46m 325/35 deg. N.E.; foliation in clay intrusive.				
			NOTE: At 49m 063/51 deg. S.E.; prominant fracture.				
			NOTE: At 50m 330/50 deg.; fracture parallel to foliation.				
			NOTE: At 51m 034/54 deg. S.E.; Contact between narrow band of competent fresh intrusive in footwall and clay intrusive in hanging wall.				
			NOTE: At 58m 345/62 deg. N.E.; closely spaced fracture to foliation in clay fresh intrusive.				
			NOTE: At 66m; competent mafic fresh intrusive with hornblende & biotite preserved intrusive becomes more abundand than above, but is still interleaved with clay intrusive. At 100, 57 deg. south closely spaced fracture in mafic fresh intrusive.				
			NOTE: At 69m 055/64 deg. east; prominent fracture abuts irregular clay bands. After 69m mafics sparsly preserved in competent intrusive wedges.				
69.00	108.00	INT	Yellowish-green coloured, pervasively	166459	69.00	72.00	3.00
			phyllically altered, medium-grained bio-	166460	72.00	75.00	3.00
			tite-hornblend-plagioclase intrusive rock	166461	75.00	78.00	3.00
			very soft, but primary holocrystalline	166462	78.00	81.00	3.00
			texture of rock still preserved. Abundant	166463	81.00	84.00	3.00
			limonite along micro fractures.	166464	84.00	87.00	3.00
			NOTE: After 78m mafics are no longer pre-	166465	87.00	90.00	3.00
			served.	166466	90.00	93.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91CL-3

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			NOTE: Grab sample taken 25m south of end of trench, sample # R166471.	166467	93.00	96.00	3.00
				166468	96.00	99.00	3.00
			108m - END OF TRENCH	166469	99.00	102.00	3.00
			NOTE: Intrusive continues for approx. 20 more metres in unsampled portion of trench.	166470	102.00	105.00	3.00
					105.00	108.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91G-15
Grid System : ORIGINAL
Collar Eastings : 21370.800
Collar Northings : 19781.000
Collar Elevations : 1000.600
Collar Bearing : 177.26
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -7.26
Grid Bearing : 154.00
Final Depth : 176.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	48.00	P*INT	Fresh, hard, blue, black biotite-rich intrusive.				
			NOTE: Prominent fracture surface at 3m 060/90 deg.				
			NOTE: At 12m start of weathered, oxidized fresh intrusive. Locally weathered a sandy, clayey texture with abundant remnant biotites.				
			NOTE: At 28m; 10-15cm curved band of red oxidized, sandy intrusive with no remnant biotites, striking at 060 degrees.				
48.00	59.00	INT	Pervasively limonitic, silicified, stockworked intrusive.				
			NOTE: At contact, abundant manganese oxide zone.				
51.00	54.00		Zone of bleached, intensely argillically altered intrusive with clasts of siliceous argillite/chert.				
54.00	59.00		Heavily oxidized and hematitic intrusive with yellow antimony oxide present.				
			NOTE: Massive stibnite vein 5-10cm wide.				
59.00	99.00	P*INT	Hard, blue, black biotite-rich intrusive to brown, limonitic, weathered fresh intrusive. Varies from competent to patches of sandy textured wayne reid rock.				
99.00	119.00	INT	Pervasively limonitic intrusive with moderately altered feldspars.				
			NOTE: At 102m; zone of manganese oxide rich intrusive.				
108.00	112.00		Blue cored quartz feldspar porphyry with 2-3% pyrite/arsenopyrite (?) in fine dis-				

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91G-15

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			seminations.				
113.00	119.00		Clay rich zone of brecciated, sandy textured, biotite absent intrusive and clasts of siliceous black argillite.				
119.00	135.00	ARG	Soft, clay-rich grey argillite. NOTE: Contact with intrusive is undulating likely an itnrusive contact.				
135.00	176.00	SEDS	Limonitic, fissile, fractured "cornflake" textured shale/phyllite with abundant convoluted folds. NOTE: Contact with argillite is undistinguishable. TRENCH ENDS AT 176 METRES				

PROPERTY : BREWERY CREEK

DIAMOND DRILL LOG

HOLE No. : BCTR91G-16

Grid System : ORIGINAL

Collar Eastings : 22139.800

Collar Northings : 19550.200

Collar Elevations : 880.400

Collar Bearing : 361.20

Grid Baseline : 64.00

Collar Inclination : -3.60

Grid Bearing : 154.00

Final Depth : 42.00

Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	4.00	ARG	Fractured, fissile black argillite, clay-rich (permafrost). Contact at approximately 85 deg/dip undulating.	141930	0.00	3.00	3.00
				141931	3.00	6.00	3.00
4.00	42.00	F*INT	Limonitic, highly weathered, intrusive (texture of brown sand). Remnant black biotite with white feldspar phenocrysts. NOTE: At 6m; red hemititic band.	141932	6.00	9.00	3.00
				141933	9.00	12.00	3.00
				141934	12.00	15.00	3.00
13.00	16.00		Black biotite-rich intrusive.	141935	15.00	18.00	3.00
16.00	18.00		Sandy, weathered, biotite-rich intrusive.				
18.00	20.00		Blue fresh intrusive. Minor black biotite. Grades into weathered intrusive with pink matrix.	141936	18.00	21.00	3.00
20.00	24.00		Pink, hard porphyritic intrusive. Spotty remnant black biotite. Faulted contact at 50/50 deg. north at 19 metres.	141937	21.00	24.00	3.00
24.00	33.00		Black biotite-rich, sandy weathered intrusive.	141938	24.00	27.00	3.00
				141939	27.00	30.00	3.00
				141940	30.00	33.00	3.00
33.00	42.00		Intrusive varies from pink to blue, fresh biotite-rich. 1m band of blue, pyrite-rich intrusive with no biotite at 35m.	141941	33.00	36.00	3.00
				141942	36.00	39.00	3.00
				141943	39.00	42.00	3.00

PROPERTY : BREWERY CREEK

DIAMOND DRILL LOG

HOLE No. : BCTR91G-17

Grid System : ORIGINAL

Collar Eastings : 21196.800

Collar Northings : 20527.400

Collar Elevations : 1151.300

Collar Bearing : 190.79

Grid Baseline : 64.00

Collar Inclination : -6.22

Grid Bearing : 154.00

Final Depth : 102.00

Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	102.00	F*INT	Biotite rich intrusive. There are three silicified pods located at approximately 18m, 36m, and 59m in the trench. The silicified pods are approximately 3m in length. The sample numbers cooresponding to the pods located at 18, 36, and 59 m are R166698, R166699, and R166700 respectively. The samples were 3 m composites.				

PROPERTY : Brewery Creek
HOLE No. : BCTR91M-11
Grid System : ORIGINAL
Collar Eastings : 18068.300
Collar Northings : 20632.100
Collar Elevations : 900.800
Collar Bearing : 183.22
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -6.49
Grid Bearing : 154.00
Final Depth : 126.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	12.00	ARG	Black, fissile clay-rich argillite				
0.00	1.50		Heavily stockworked and silicified argillite.	141601	0.00	3.00	3.00
				141602	3.00	6.00	3.00
5.00	6.00		Stockworked, silicified, with occasional stibnite pods, and abundant greenish yellow alteration. NOTE: Stockwork in argillite under limonitic intrusive pod.	141603	6.00	9.00	3.00
9.00	12.00		Brecciated, crumbly, siliceous argillite. NOTE: At 12 m; very incompetent, may be overburden.	141604	9.00	12.00	3.00
12.00	36.00	INT	Limonitic, fractured to crumbly intrusive. Red hematite on fracture surfaces . Large pieces have cores of less unoxidezed intrusive.	141605	12.00	15.00	3.00
15.00	18.00		1% pistachio green feldspar alteration.	141606	15.00	18.00	3.00
18.00	21.00		Incompetent, fractured layer of argillite on top grades into overburden.	141607	18.00	21.00	3.00
				141608	21.00	24.00	3.00
24.00	27.00		Intensely limonitic.	141609	24.00	27.00	3.00
27.00	30.00		Large pieces have less limonitic cores. 2% pistachio green alteration, pervasive sericite.	141610	27.00	30.00	3.00
30.00	33.00		Thin cross-cutting argillite layer, 2% biotite weathered to chlorite.	141611	30.00	33.00	3.00
				141612	33.00	36.00	3.00
36.00	46.00	ARG	Black, fractured, siliceous, stockworked argillite.	141613	36.00	39.00	3.00
39.00	42.00		Black, fissile, clay-rich. 6cm thick vein of intense stockwork.	141614	39.00	42.00	3.00
42.00	46.00		Occasional vuggy, crystalline quartz.	141615	42.00	45.00	3.00
				141616	45.00	48.00	3.00
46.00	50.00	INT	Orange to red intrusive with occasional quartz eyes and stockworking.	141617	48.00	51.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91M-11

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
50.00	54.00	ARG	Black, siliceous, fractured, stockworked with vuggy crystalline quartz.				
51.00	54.00		Patches of black, graphitic, fissile argillite.	141618	51.00	54.00	3.00
54.00	78.00	INT	Intensely limonitic intrusive with 1% quartz eyes and some stockworking.	141619	54.00	57.00	3.00
				141620	57.00	60.00	3.00
				141621	60.00	63.00	3.00
				141622	63.00	66.00	3.00
				141623	66.00	69.00	3.00
67.00	68.00	ARG	Siliceous, stockworked argillite.				
68.00	69.00		Limonite not as pervasive in cores.				
69.00	78.00		Abundant red hematite.	141624	69.00	72.00	3.00
				141625	72.00	75.00	3.00
				141626	75.00	78.00	3.00
78.00	83.00	ARG	Black, siliceous, stockworked, limonitic argillite.	141627	78.00	81.00	3.00
				141628	81.00	84.00	3.00
83.00	123.00	INT	Limonitic, quartz-eye-rich fractured intrusive with minor stockworking.				
84.00	87.00		Crumbly; manganese oxide rich, large potassium feldspar phenocrysts.	141629	84.00	87.00	3.00
				141630	87.00	90.00	3.00
				141631	90.00	93.00	3.00
				141632	93.00	96.00	3.00
				141633	96.00	99.00	3.00
				141634	99.00	102.00	3.00
				141635	102.00	105.00	3.00
				141636	105.00	108.00	3.00
				141637	108.00	111.00	3.00
				141638	111.00	114.00	3.00
				141639	114.00	117.00	3.00
117.00	123.00		Very limonitic and clay rich intrusive, becoming very weathered and fractured and looking increasingly like overburden.	141640	117.00	120.00	3.00
				141641	120.00	123.00	3.00
123.00	126.00	OVBR	Overburden; not sure this is acctual bedrock. Under the weathered intrusive is an argillite/clay rich soil layer which has little to indicate bedrock.	141642	123.00	126.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91M-12
Grid System : ORIGINAL
Collar Eastings : 19085.400
Collar Northings : 21034.100
Collar Elevations : 958.900
Collar Bearing : 177.99
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -2.56
Grid Bearing : 154.00
Final Depth : 45.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	42.00	VOLC	Grey, amygdaloidal crystal tuff or ash tuff. Weathers a drab olive green with orange limonitic fracture surfaces. Calcite fills vesicles, which are 1-2mm in diameter and occurs in frequent stringers, veinlets, and nodules from 1-15cm long. Calcite is sparry, white to dark grey, and is associated with sulphides. Trace amounts of finely disseminated pyrite occures ringing and inside amygdules and alongside veinlets. Occasionally, the tuff is so flooded with calcite that it takes on a "leopard skin" texture.	148126	0.00	3.00	3.00
				148127	3.00	6.00	3.00
				148128	6.00	9.00	3.00
				148129	9.00	12.00	3.00
				148130	12.00	15.00	3.00
				148131	15.00	18.00	3.00
				148132	18.00	21.00	3.00
				148133	21.00	24.00	3.00
				148134	24.00	27.00	3.00
				148135	27.00	30.00	3.00
				148136	30.00	33.00	3.00
				148137	33.00	36.00	3.00
				148138	36.00	39.00	3.00
				148139	39.00	42.00	3.00
			NOTE: Vein orientation irregular, no distinct trends determined.				
			NOTE: Volcanic increases in amount of fracturing, shearing, and limonitic clay gouge to south. At 30m it is almost all limonitic clay gouge. At 36m it is all orange limonitic clay.				
			NOTE: 6m down from the M-12 39m picket is the bulk trench 3m, R140902 picket. M-12 ends at 42m, where the last sample ends.				

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-6
Grid System : ORIGINAL
Collar Eastings : 1769C.400
Collar Northings : 20636.000
Collar Elevations : 840.400
Collar Bearing : 182.13
Grid Baseline : 64.00

DIAMOND DRILL LOG

Collar Inclination : -3.44
Grid Bearing : 155.00
Final Depth : 171.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	0.20	ARG	Black cherty argillite cut by quartz stockwork.	141644	0.00	3.00	3.00
0.20	18.00	INT	Limonitic intrusive, pervasively oxidized fine grained feldspar porphyritic siliceous intrusive.	141645	3.00	6.00	3.00
				141646	6.00	9.00	3.00
9.00	18.00		Intrusive becomes less oxidized. Composed of 15-20% medium grained feldspar phenocrysts and less than 1% quartz eyes in a maroon to brown, clay like matrix speckled with limonite.	141647	9.00	12.00	3.00
				141648	12.00	15.00	3.00
				141649	15.00	18.00	3.00
18.00	34.00	ARG	Black, fissile argillite, very broken up.	141650	18.00	21.00	3.00
				141651	21.00	24.00	3.00
				141652	24.00	27.00	3.00
				141653	27.00	30.00	3.00
				141654	30.00	33.00	3.00
				141655	33.00	36.00	3.00
34.00	78.00	ARG	Black, fissile argillite with interbedded intervals of grey and greenish grey siltstone.	141656	36.00	39.00	3.00
				141657	39.00	42.00	3.00
				141658	42.00	45.00	3.00
			NOTE: At 37.5 metres; 352/25 E crude bedding in siltstone horizon.	141659	45.00	48.00	3.00
				141660	48.00	51.00	3.00
			NOTE: At 42 metres; slickenslides	141661	51.00	54.00	3.00
			NOTE: At 52 metres; 044/25 NE crude bedding in siltstone horizon.	141662	54.00	57.00	3.00
				141663	57.00	60.00	3.00
			NOTE: At 54 metres; pods of rusty weathering, highly fissile, broken up shale overlain by competent, non rusty shale.	141664	60.00	63.00	3.00
				141665	63.00	66.00	3.00
				141666	66.00	69.00	3.00
				141667	69.00	72.00	3.00
			NOTE: At 61-78 metres; Black fissile argillite, largly broken up in outcrop. Discontinuous pods of rusty weathering argillite locally highly altered	141668	72.00	75.00	3.00
				141669	75.00	78.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-6

INTERVAL(m) FROM	INTERVAL(m) TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	INTERVAL(m) TO	SAMPLE WIDTH
			to clay like (gouge) material (no visible sulphides). Locally gouge material appears to follow bedding along distinct horizons a few cm up to 30 cm wide. NOTE: AT 75 metres; 002/25 E crude bedding in shale.				
78.00	108.00	SEDS	Interbedded horizons of black and limonitic shale and greenish grey coloured siliceous shale and green chert. Random stockwork and limonitic altered horizon 2 (mm-cm) throughout interval. -prominant cleavage parallel to bedding with parallel trending calcite veinlets -prominant vertical fracture cleavage trending 070-080 degrees -random pyrite hairline stringers visible in non-oxidized shales NOTE: At 87 metres; 028/62 E crude bedding in chert horizon. NOTE: At 93 metres; kink folding and disruption of bedding to vertical overlain by gently dipping shale. NOTE: At 106 metres; 015/55 E crude bedding. NOTE: At 108 metres; trench is in frozen ground and only a few cm of outcrop exposed at trench base. Rusty fissile shales, appear highly leached to light greyish green colour along contact with overburden. Abundant limonite along fracture surfaces.	141670	78.00	81.00	3.00
				141671	81.00	84.00	3.00
				141672	84.00	87.00	3.00
				141673	87.00	90.00	3.00
				141674	90.00	93.00	3.00
				141675	93.00	96.00	3.00
				141676	96.00	99.00	3.00
				141677	99.00	102.00	3.00
				141678	102.00	105.00	3.00
				141679	105.00	108.00	3.00
108.00	123.00	ARG	Black, extremely fissile and broken up argillite. Prominant vertical fracture with abundant limonite staining.	141680	108.00	111.00	3.00
				141681	111.00	114.00	3.00
				141682	114.00	117.00	3.00
				141683	117.00	120.00	3.00
				141684	120.00	123.00	3.00
123.00	126.50	OVBR	No outcrop.	141685	123.00	126.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-6

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				141686	126.00	129.00	3.00
126.50	128.00	INT	Limonitic intrusive, extremely altered. Leached to porous bright orange colour. Bright green feldspars.				
128.00	136.00	OVBR	No outcrop.	141687	129.00	132.00	3.00
				141688	132.00	135.00	3.00
				141689	135.00	138.00	3.00
136.00	139.00	INT	Limonitic intrusive, extremely altered. Leached to porous bright orange colour. Bright green feldspars.	141690	138.00	141.00	3.00
139.00	141.00	SEDS	Quartz rich pebble conglomerate 75-80% rounded quartz grains and pebbles in siliceous matrix.				
141.00	148.00	ARG	Light to dark grey silicified shale.	141691	141.00	144.00	3.00
				141692	144.00	147.00	3.00
				141693	147.00	150.00	3.00
148.00	154.00	OVBR	No outcrop.	141694	150.00	153.00	3.00
				141695	153.00	156.00	3.00
154.00	169.00	INT	Extremely oxidized limonitic intrusive. All primary textures are completely overprinted by limonite.	141696	156.00	159.00	3.00
				141697	159.00	162.00	3.00
				141698	162.00	165.00	3.00
				141699	165.00	168.00	3.00
				141700	168.00	171.00	3.00
169.00	171.00	SEDS	Quartz pebble conglomerate cut by stockwork.				

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-7
Grid System : ORIGINAL
Collar Eastings : 17844.400
Collar Northings : 20523.900
Collar Elevations : 852.200
Collar Bearing : 178.34
Grid Baseline : 64.80

DIAMOND DRILL LOG

Collar Inclination : -6.38
Grid Bearing : 154.00
Final Depth : 246.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	246.00	SEDS	Fissile, fractured shale with limonitic fracture surfaces.	145001	0.00	3.00	3.00
				145002	3.00	6.00	3.00
				145003	6.00	9.00	3.00
7.00	8.00		Layer of more competent, stockworked greywacke. Greywacke fine grained with 15% quartz grains.	145004	9.00	12.00	3.00
				145005	12.00	15.00	3.00
				145006	15.00	18.00	3.00
				145007	18.00	21.00	3.00
20.00	23.00		Layer of more competent, stockworked greywacke. Greywacke fine grained with 15% quartz grains.	145008	21.00	24.00	3.00
				145009	24.00	27.00	3.00
				145010	27.00	30.00	3.00
				145011	30.00	33.00	3.00
				145012	33.00	36.00	3.00
				145013	36.00	39.00	3.00
				145014	39.00	42.00	3.00
				145015	42.00	45.00	3.00
				145016	45.00	48.00	3.00
				145017	48.00	51.00	3.00
				145018	51.00	54.00	3.00
				145019	54.00	57.00	3.00
56.00	59.00		Very fractured, tectonized, clay-rich zone	145020	57.00	60.00	3.00
				145021	60.00	63.00	3.00
				145022	63.00	66.00	3.00
				145023	66.00	69.00	3.00
				145024	69.00	72.00	3.00
				145025	72.00	75.00	3.00
75.00	101.00		Very fine grained, stockworked greywacke with trace to 0.5% disseminated sulphide. NOTE: Contact strikes at 080 deg. NOTE: at 95m, bedding parallel fracture cleavage 325/22 N.E.	145026	75.00	78.00	3.00
				145027	78.00	81.00	3.00
				145028	81.00	84.00	3.00
				145029	84.00	87.00	3.00
				145030	87.00	90.00	3.00
				145031	90.00	93.00	3.00
				145032	93.00	96.00	3.00
				145033	96.00	99.00	3.00
				145034	99.00	102.00	3.00
101.00	105.00		Soft, fissile, clay-rich, sheared grey	145035	102.00	105.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-7

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			shale.				
105.00	107.00		Stockwork of soft, white opaque mineral (alunite?) in fine grained greywacke.	145036	105.00	108.00	3.00
107.00	109.00		Pervasively limonitic, quartz flooded stockworked sandstone. Some sections have lost all original texture and could be intrusive, but others can be identified as coarse grained greywacke or sandstone with minor mud matrix.	145037	108.00	111.00	3.00
109.00	117.00		Sandstone to chert pebble conglomerate. Rock has silicified muddy matrix with small black, grey and tan chert pebbles. Boulders of coarse greywacke are interspersed.	145038	111.00	114.00	3.00
				145039	114.00	117.00	3.00
117.00	126.00		Very silicified, stockworked chert pebble conglomerate. Pervasively limonitic.	145040	117.00	120.00	3.00
				145041	120.00	123.00	3.00
			NOTE: At 120m there is massive stibnite which is not associated with a quartz vein and is discontinuous within the chert pebble conglomerate.	145042	123.00	126.00	3.00
126.00	136.00		Clay-rich fault gouge zone or sheared zone with soft, grey shale and brown to black gouge.	145043	126.00	129.00	3.00
				145044	129.00	132.00	3.00
				145045	132.00	135.00	3.00
				145046	135.00	138.00	3.00
136.00	174.00		Limonitic, siliceous stockworked, coarse grained chert pebble conglomerate. Matrix often looks like recrystalized sandstone. Pebbles range in size from 0.1cm to 1.5cm. NOTE: 162-174m, probable bedrock, but has soil pockets between boulders.	145047	138.00	141.00	3.00
				145048	141.00	144.00	3.00
				145049	144.00	147.00	3.00
				145050	147.00	150.00	3.00
				145051	150.00	153.00	3.00
				145052	153.00	156.00	3.00
				145053	156.00	159.00	3.00
				145054	159.00	162.00	3.00
				145055	162.00	165.00	3.00
				145056	165.00	168.00	3.00
				145057	168.00	171.00	3.00
				145058	171.00	174.00	3.00
174.00	186.00		Fissile, fractured shale with limonitic fracture surface. Fracture cleavage at 002/12 deg. east. NOTE: Contact at 186m is at 090 deg.,	145059	174.00	177.00	3.00
				145060	177.00	180.00	3.00
				145061	180.00	183.00	3.00
				145062	183.00	186.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-7

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			apparently vertical.				
186.00	228.00		Limonitic, siliceous chert pebble conglomerate.	145063	186.00	189.00	3.00
				145064	189.00	192.00	3.00
			NOTE: 186m, 230/44 deg. N.W. fracture surface slickensides on fracture surface are pitching 32-050 deg.	145065	192.00	195.00	3.00
				145066	195.00	198.00	3.00
				145067	198.00	201.00	3.00
			NOTE: 191m, Prominant fracture 190/82 deg. west slicks on face at 10-010 deg.	145068	201.00	204.00	3.00
				145069	204.00	207.00	3.00
				145070	207.00	210.00	3.00
				145071	210.00	213.00	3.00
				145072	213.00	216.00	3.00
				145073	216.00	219.00	3.00
				145074	219.00	222.00	3.00
				145075	222.00	225.00	3.00
				145076	225.00	228.00	3.00
228.00	234.00		Clay fault gouge. Intensely limonitic siliceous sandstone at very bottom of trench wall.	145077	228.00	231.00	3.00
				145078	231.00	234.00	3.00
234.00	237.00		Fissile, fractured shale with convolute folds.	145079	234.00	237.00	3.00
237.00	239.00		Fine grained, stockworked greywacke grading down trench to coarser grained siliceous sandstone.	145080	237.00	240.00	3.00
239.00	246.00		Coarse grained, limonitic, siliceous chert pebble conglomerate.	145081	240.00	243.00	3.00
				145082	243.00	246.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-8
Grid System : ORIGINAL
Collar Eastings : 18100.600
Collar Northings : 20120.300
Collar Elevations : 804.200
Collar Bearing : 183.01
Grid Baseline : 64.00

Collar Inclination : -15.77
Grid Bearing : 154.00
Final Depth : 294.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	57.00	SEDS	Fissile, fractured, brown to black shale with limonite on fracture and bedding surfaces and sometimes pervasive. Very finely disseminated sulphides (1%) are visible throughout the interval.				
0.00	6.00		Fine grained greywacke to gritty shales.	145401	0.00	3.00	3.00
			NOTE: Chert pebble conglomerate at top of trench for first metre.	145402	3.00	6.00	3.00
				145403	6.00	9.00	3.00
			NOTE: At 27 metres there is a small pod of very soft and clay rich intrusive. The surrounding shales have higher limonite contents than usual.	145404	9.00	12.00	3.00
				145405	12.00	15.00	3.00
				145406	15.00	18.00	3.00
				145407	18.00	21.00	3.00
			NOTE: At 30 metres the shale has minor stockwork and is less fractured.	145408	21.00	24.00	3.00
				145409	24.00	27.00	3.00
				145410	27.00	30.00	3.00
30.00	39.00		Thrust Zone: Calcareous, volcanic, lithic tuff with calcite stringers and finely disseminated arsenopyrite over top of extremely weathered, altered, and sheared intrusive zone. Graphitic fault gouge underneath inturisve gouge and in lenses throughout. Shale underneath and in front of intrusive is very tectonized and finely broken up.	145411	30.00	33.00	3.00
				145412	33.00	36.00	3.00
				145413	36.00	39.00	3.00
				145414	39.00	42.00	3.00
				145415	42.00	45.00	3.00
				145416	45.00	48.00	3.00
				145417	48.00	51.00	3.00
				145418	51.00	54.00	3.00
				145419	54.00	57.00	3.00
57.00	63.00	VOLC	Calcareous, lithic tuff with calcite stringers and finely disseminated arsenopyrite. Pervasively oxidized to unoxidized cores. Fractured.	145420	57.00	60.00	3.00
				145421	60.00	63.00	3.00
63.00	81.00	ARG	Black, silicified, locally graphitic argillite with minor quartz stockwork and oxidized fracture surfaces.	145422	63.00	66.00	3.00
				145423	66.00	69.00	3.00
				145424	69.00	72.00	3.00
			NOTE: Underneath volcanics and before argillite is zone of brown and	145425	72.00	75.00	3.00
				145426	75.00	78.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-6

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			orange fault gouge.	145427	78.00	81.00	3.00
			NOTE: From 72m to 80m the argillite becomes increasingly fractured and interspursed with black, graphitic fault gouge and orange to brown fault gouge.				
81.00	100.00	GOUGE	Orange and black clay lenses are stacked and convaluted. There are a few pieces of recognizable rock - argillite and perhaps intrusive, that are sheared and soft.	145428	81.00	84.00	3.00
				145429	84.00	87.00	3.00
				145430	87.00	90.00	3.00
				145431	90.00	93.00	3.00
				145432	93.00	96.00	3.00
				145433	96.00	99.00	3.00
				145434	99.00	102.00	3.00
100.00	123.00	OVBRD	NOTE: At 108m, minor amount of coarse grained, stockworked greywacke.	145435	102.00	105.00	3.00
				145436	105.00	108.00	3.00
			NOTE: At 117m to 123m (the begining of the original trench), there are recognizable shales, but these are extremely broken up and fractured almost to the point of soil.	145437	108.00	111.00	3.00
				145438	111.00	114.00	3.00
				145439	114.00	117.00	3.00
				145440	117.00	120.00	3.00
				145441	120.00	123.00	3.00
			NOTE: The area between the old trench and the new extension is filled with overburden and so the relationship is impossible to see.				
123.00	273.00	SEDS	Brown to black, folded, tectionized shales with layers and boudins of more competent, black greywacke. Greywacke has coarse and fine stockwork; coarse quartz veins crosscut sediments in apparently random directions.	141801	123.00	126.00	3.00
125.00	126.00		Limonitic, soft intrusive lens in a graphitic, greywacke envelope. Intrusive has lost almost all primary textures due to pervasive clay alteration and oxidation.	141802	126.00	129.00	3.00
				141803	129.00	132.00	3.00
				141804	132.00	135.00	3.00
				141805	135.00	138.00	3.00
			NOTE: Underneath intrusive lens and coninuous to begining of trench is a black, graphitic, heavily sotckworked greywacke lens with black				

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-8

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			clay gouge at nose. This lens likely hosts a thrust.				
			NOTE: Folds in shale trend 60 - 050 deg. Fracture cleavage trends roughly 040 - 70 deg. S.E.				
136.00	138.00		Intrusive bull quartz veining and flooding Patches of heavy limonitic alteration. Sediments have graded to almost entirely greywacke which varies from fine, with 30% grains to coarser, with 40-50% chert grains.				
138.00	150.00		Fine to slightly gritty shales with beds of coarse greywacke. Intermediate quartz veining.	141806	138.00	141.00	3.00
				141807	141.00	144.00	3.00
				141808	144.00	147.00	3.00
				141809	147.00	150.00	3.00
150.00	153.00		Very limonitic, extremely weathered and altered intrusive (?) No primary textures. Intrusive is mainly of soil consistancy and is caught up in shale fold. Fold axis is 64 - 052 deg.	141810	150.00	153.00	3.00
153.00	159.00		Gently dipping zone of blacker graphitic sediments in between the fissile shales.	141811	153.00	156.00	3.00
				141812	156.00	159.00	3.00
159.00	162.00		Thin lenses of extremely altered, limonitic intrusive in graphitic envelope. Pod of inturive in core of fold. Sediments very tectonized in this area.	141813	159.00	162.00	3.00
				141814	162.00	165.00	3.00
				141815	165.00	168.00	3.00
				141816	168.00	171.00	3.00
171.00	180.00		Mixed orange and black clay gouge. Definite shear zone. Shale is extremely tectonized and fractured.	141817	171.00	174.00	3.00
				141818	174.00	177.00	3.00
				141819	177.00	180.00	3.00
			NOTE: 175-180m, contains brecciated, silicified quartz vein from 5 to 30cm thick. Heavily oxidized. At 55m it begins to crumble to a coarse quartz sand.				
180.00	189.00		Heavily tectonized shale with lenses of intrusive gouge.	141820	180.00	183.00	3.00
				141821	183.00	186.00	3.00
				141822	186.00	189.00	3.00
189.00	192.00		Fractured shale with lenses of clay gouge and graphitic clay gouge.	141823	189.00	192.00	3.00
192.00	195.00		Fine grained, stockworked, black greywacke Minor recrystallized, stockworked sand-	141824	192.00	195.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-8

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			stone or quartzite.				
195.00	207.00		Black, fine grained greywacke with 20-30% quartz grains. Occasional stockwork. Fractured and possibly folded.	141825	195.00	198.00	3.00
				141826	198.00	201.00	3.00
				141827	201.00	204.00	3.00
				141828	204.00	207.00	3.00
207.00	210.00		Grades back to shale. Black graphitic lens in shale. Chert pebble conglomerate near top of trench has 1-5cm thich brecciated bull quartz veins.	141829	207.00	210.00	3.00
210.00	213.00		Boulders of chert pebble conglomerate in shale. Underneath is coarse grained, stockworked greywacke, very limonitic.	141830	210.00	213.00	3.00
213.00	222.00		Stockwoked, very hematitic, gritty, fissile shales grading to fine grained greywacke with 20% quartz grains. Very fractured, foliated sediments with occasional small planes of clay gouge. NOTE: 214-216m is black, graphitic and orange to brown clay fault gouge.	141831	213.00	216.00	3.00
				141832	216.00	219.00	3.00
				141833	219.00	222.00	3.00
222.00	237.00		Pissile, foliated shales grading to fine grained greywacke with 15% quartz grains. NOTE: 221-234m, suspect bedrock, may be felsemere (overburden).	141834	222.00	225.00	3.00
				141835	225.00	228.00	3.00
				141836	228.00	231.00	3.00
				141837	231.00	234.00	3.00
				141838	234.00	237.00	3.00
237.00	240.00		Coarse grained greywacke with 40-50% quartz grains. Heavily stockworked. Limonite is pervasive, overlies heavily fractured and tectonized shale.	141839	237.00	240.00	3.00
240.00	246.00		Fractured shale overlain by coarse greywacke grading to recrystallized sandstone.	141840	240.00	243.00	3.00
				141841	243.00	246.00	3.00
246.00	249.00		Fractured shale overlain by limonitic chert pebble conglomerate.	141842	246.00	249.00	3.00
249.00	261.00		Coarse to medium grained stockworked, limonitic greywacke. Overlain by chert pebble conglomerate, but relationship unclear as overburden dips quite low.	141843	249.00	252.00	3.00
				141844	252.00	255.00	3.00
				141845	255.00	258.00	3.00
				141846	258.00	261.00	3.00
261.00	264.00		Limonitic chert pebble conglomerate. Coarse to medium pebble size. Occasional boudins or pods of bull quartz with possible pyrite and galena.	141847	261.00	264.00	3.00
264.00	273.00		Coarse grained, stockworked, limonitic	141848	264.00	267.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-8

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			greywacke.	141849	267.00	270.00	3.00
			NOTE: Graphitic, tectonized lens at 273m.	141850	270.00	273.00	3.00
273.00	294.00	OVBRD	Suspect overburden from 273m to 294m (end of trench).	141851	273.00	276.00	3.00
				141852	276.00	279.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-9
Grid System : ORIGINAL
Collar Eastings : 16263.700
Collar Northings : 21700.600
Collar Elevations : 771.600
Collar Bearing : 358.99
Grid Baseline : 64.00

Collar Inclination : -5.91
Grid Bearing : 154.00
Final Depth : 195.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	10.00	EOS	Black to grey, clay rich, soft fissile shale that has been intensely sheared to fault gouge. NOTE: Contact at 110 deg., dipping 45 deg. S.W. NOTE: Foliation cleavage in clay altered argillite at 9m is 003/40 deg. S.E.	145101	0.00	3.00	3.00
				145102	3.00	6.00	3.00
				145103	6.00	9.00	3.00
				145104	9.00	12.00	3.00
10.00	30.00	INT	Pervasively limonitic intrusive with minor stockwork. NOTE: At 12m there is a lens of breciated, silicified, stockworked argillite. NOTE: From 13m on the intrusive has a pink cast and abundant, white remnant biotites. NOTE: At 18m, prominant joint faces are at: 100/88 deg. S.W. and 180/75 deg. west.	145105	12.00	15.00	3.00
				145106	15.00	18.00	3.00
				145107	18.00	21.00	3.00
				145108	21.00	24.00	3.00
				145109	24.00	27.00	3.00
				145110	27.00	30.00	3.00
30.00	36.00	GOUGE	Brown clay fault gouge. NOTE: Contact at 120/70 deg. S.W.	145111	30.00	33.00	3.00
				145112	33.00	36.00	3.00
36.00	39.00	INT	Pervasivley limonitic intrusive with abundant white remnant biotite.	145113	36.00	39.00	3.00
39.00	48.00	F*INT	Pervasively limonitic, black biotite-rich intrusive. Becomes increasingly less oxidized to the north. NOTE: Contact at 110/50 deg. S.W.	145114	39.00	42.00	3.00
				145115	42.00	45.00	3.00
				145116	45.00	48.00	3.00
48.00	55.00	INT	Limonitic, sheared, sericite-rich itrusive with no original textures remaining. Gives way frequently to brown clay fault gouge. Near north contact the intrusive is cooked black and very sericitic. Contact has	145117	48.00	51.00	3.00
				145118	51.00	54.00	3.00
				145119	54.00	57.00	3.00

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-9

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			2-3cm wide white fault gouge and is at 080/20 deg. S.E.				
55.00	63.00	F*INT	Grey-green, black, biotite-rich intrusive. Becomes cooked and sheared toward north contact, which is at 055/15 deg. south.	145120	57.00	60.00	3.00
				145121	60.00	63.00	3.00
63.00	108.00	ARG	Black, graphitic sheared, toctonized gouge	145122	63.00	66.00	3.00
			NOTE: At 75m, begin to suspect overburden	145123	66.00	69.00	3.00
			down to floor of trench. At 85m,	145124	69.00	72.00	3.00
			definetely overburden.	145125	72.00	75.00	3.00
			NOTE: From 102-105m, occasional competent,	145126	75.00	78.00	3.00
			siliceous, stockworked argillite.	145127	78.00	81.00	3.00
				145128	81.00	84.00	3.00
				145129	84.00	87.00	3.00
				145130	87.00	90.00	3.00
				145131	90.00	93.00	3.00
				145132	93.00	96.00	3.00
				145133	96.00	99.00	3.00
				145134	99.00	102.00	3.00
				145135	102.00	105.00	3.00
				145136	105.00	108.00	3.00
108.00	123.00	INT	Pervasively limonitic intrusive with pink tinge and abundant white remnant biotites.	145137	108.00	111.00	3.00
			NOTE: Contact is shallow and curved and strikes at 060 deg.				
110.00	117.00		Intrusive is sheared and interspersed with	145138	111.00	114.00	3.00
			abundant clay gouge.	145139	114.00	117.00	3.00
			NOTE: At 110 m contact, a lot of shear	145140	117.00	120.00	3.00
			seems to have been taken up by a	145141	120.00	123.00	3.00
			0.5m wide lens of stockworked, fractured, graphitic argillite.				
123.00	133.00	ARG	Sheared, fractured, gougey, graphitic	145142	123.00	126.00	3.00
			argillite.	145143	126.00	129.00	3.00
			NOTE: Contact at 123m at 255/50 deg. S.E.	145144	129.00	132.00	3.00
			10cm thick siliceous zone on HW of	145145	132.00	135.00	3.00
			contact.				
133.00	147.00	INT	Limonitic intrusive.				

PROPERTY : Brewery Creek
HOLE No. : BCTR91P-9

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
			NOTE: Contact at 133m at 063/46 deg. S.E. Yellow and pink fault gouge. Intrusive has intense argillic alteration NOTE: Pod of graphitic stockworked argillite striking at 122 deg.				
133.00	141.00		Intrusive is very soft and very sheared with abundant apple green minerals. This mineral is platy and is often seen replacing biotite, othertimes it is elongate and up to 1.5cm long. Small pods of quartz from 2cm to 6cm long are found throughout. Limonite varies from yellow to a dark orangey-red. NOTE: At 141m there is a lens of sheared, graphitic, stockworked argillite 10-15cm wide striking at 330/56 deg. S.W.	145146 145147	135.00 138.00	138.00 141.00	3.00 3.00
141.00	147.00		Intrusive has purplish cast with abundant feldspar phenocrysts and minor stockworking. NOTE: Prominent fracture surfaces include at 144m, 352/72 deg. S.W. and at 145m, 318/86 deg. S.W.	145148 145149	141.00 144.00	144.00 147.00	3.00 3.00
147.00	150.00	P*INT	Purplish black, crumbly, black, biotite-rich "Wayne Reid" intrusive. NOTE: Contact at 147m, 190/52 deg. south.	145150	147.00	150.00	3.00
150.00	174.00	INT	Limonitic intrusive.				
150.00	171.00		Intrusive is purpleish orange with abudant feldspar phenocrysts and some megacrysts, occasional quartz eyes, and occasional to abundant white, remnant biotites. NOTE: At 170m, trace of kermesite along fracture surface. NOTE: Toward contact with argillite, intrusive becomes stockworked and more siliceous. NOTE: At 171m, there is a 1m thick layer of graphitic, sheared, stockworked argillite. Contact; 082/56 deg. S.E.	145151 145152 145153 145154 145155 145156 145157	150.00 153.00 156.00 159.00 162.00 165.00 168.00	153.00 156.00 159.00 162.00 165.00 168.00 171.00	3.00 3.00 3.00 3.00 3.00 3.00 3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : Brewery Creek
HOLE No. : BCR91P-9

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
171.00	174.00		Intrusive is almost pure quartz from quartz flooding and stockworking. NOTE: Contact at 174m is 072/45 deg. S.E.	145158	171.00	174.00	3.00
174.00	195.00	ARG	Black, siliceous argillite.				
174.00	177.00		Argillite has become almost entirely flooded with quartz. Looks like chert. Secondary stockwork also abundant. NOTE: Contact at 177m is 100/60 deg. S.W.	145159	174.00	177.00	3.00
177.00	180.00		Argillite is sheared, graphitic, very limonitic, fractured, and stockworked. NOTE: At 180m, there is a lens of intrusive at 078/40 deg S.E., 10-20cm wide, that is very argillically altered and sheared.	145160	177.00	180.00	3.00
180.00	195.00		Argillite is siliceous to cherty, stockworked, limonitic on fracture surfaces and in some places looks brecciated.	145161	180.00	183.00	3.00
				145162	183.00	186.00	3.00
				145163	186.00	189.00	3.00
				145164	189.00	192.00	3.00
				145165	192.00	195.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-1
Grid System : ORIGINAL
Collar Eastings : 23286.200
Collar Northings : 18379.200
Collar Elevations : 1029.800
Collar Bearing : 366.83
Grid Baseline : 64.00

Collar Inclination : 5.58
Grid Bearing : 154.00
Final Depth : 250.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	20.00	F*INT	Bluish-green black biotite-rich intrusive with occasional dark grey quartz eyes. Spotty, occasional disseminated arsenopyrite. NOTE: At 3m; 30cm wide shear band with bleached out biotites at 110/42 deg. S.W. NOTE: At 9m; 50cm wide sandy textured, black biotite-rich vertical band of intrusive. NOTE: After 9m; fresh intrusive becomes more limonitic. NOTE: At 11m; fresh intrusive becomes sandy textured wayne reid rock. NOTE: At 18m; decrease in percent of black biotite relative to white sercite. NOTE: At 20m; 15cm wide, white vertical clay band.	141944	0.00	3.00	3.00
				141945	3.00	6.00	3.00
				141946	6.00	9.00	3.00
				141947	9.00	12.00	3.00
				141948	12.00	15.00	3.00
				141949	15.00	18.00	3.00
				141950	18.00	21.00	3.00
20.00	80.00	CHERT	Aphanitic grey-green to tan blue highly fractured chert. Limonitic fracture surfaces and occasional disseminated sulphide in unoxidized cores. NOTE: 42-51m; has more abundant sulphide. NOTE: At 65m; 15cm wide limonitic, clay altered chert at 110/45 deg. S.W. Slickensides on adjacent chert. Also thin thrust at 66m; in same orientation.	141951	21.00	24.00	3.00
				141952	24.00	27.00	3.00
				141953	27.00	30.00	3.00
					30.00	33.00	3.00
					33.00	36.00	3.00
					36.00	39.00	3.00
					39.00	42.00	3.00
				141954	42.00	45.00	3.00
				141955	45.00	48.00	3.00
				141956	48.00	51.00	3.00
					51.00	54.00	3.00
					54.00	57.00	3.00
					57.00	60.00	3.00
					60.00	63.00	3.00
				141957	63.00	66.00	3.00
				141958	66.00	69.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-1

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
				141959	69.00	72.00	3.00
				141960	72.00	75.00	3.00
				141961	75.00	78.00	3.00
				141962	78.00	81.00	3.00
80.00	84.00	INT	Bleached whitish blue intrusive with abundant fine stockwork and some silvery sericite. Intrusive lies shallowly under chert and may be more continuous at depth. NOTE: 20cm thick clay band at contact.	141963	81.00	84.00	3.00
84.00	90.00	CHERT	Fractured, grey chert with limonitic fracture surfaces, occasional quartz stringers and trace very finely disseminated arsenopyrite.	141964	84.00	87.00	3.00
				141965	87.00	90.00	3.00
90.00	103.00	INT	Intrusive has greenish fresh surfaces, moderate argillic alteration, moderate quartz stockworking and occasional quartz eyes.	141966	90.00	93.00	3.00
				141967	93.00	96.00	3.00
				141968	96.00	99.00	3.00
99.00	102.00		Band of greenish clay with intense argillic alteration. NOTE: Intense stockworking from 98-100m.	141969	99.00	102.00	3.00
				141970	102.00	105.00	3.00
103.00	133.00	CHERT	Greenish grey, fractured chert with limonitic weathered surfaces and oxidation banding. NOTE: Occasional thin clay-rich thrust bands. NOTE: At 132m; chert is brecciated and annealed for 1m.	141971	105.00	108.00	3.00
				141972	108.00	111.00	3.00
				141973	111.00	114.00	3.00
				141974	114.00	117.00	3.00
				141975	117.00	120.00	3.00
				141976	120.00	123.00	3.00
				141977	123.00	126.00	3.00
				141978	126.00	129.00	3.00
				141979	129.00	132.00	3.00
				141980	132.00	135.00	3.00
133.00	134.00	INT	Bleached, stockwork intrusive with green altered feldspars.				
134.00	150.00	P*INT	Greenish grey black biotite intrusive with feldspar matrix and no apparent feldspar phenocrysts.	141981	135.00	138.00	3.00
				141982	138.00	141.00	3.00
				141983	141.00	144.00	3.00

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-1

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
144.00	147.00		Band of fractured grey-blue chert.	141984	144.00	147.00	3.00
			NOTE: At 147m; 10cm wide intrusive clay band, lowlying and dipping S.W.	141985	147.00	150.00	3.00
150.00	250.00	CHERT	Greenish grey to bluish grey fractured chert with limonitic fracture surfaces.	141986	150.00	153.00	3.00
				141987	153.00	156.00	3.00
				141988	156.00	159.00	3.00
					159.00	162.00	3.00
					162.00	165.00	3.00
					165.00	168.00	3.00
					168.00	171.00	3.00
					171.00	174.00	3.00
					174.00	177.00	3.00
					177.00	180.00	3.00
					180.00	183.00	3.00
					183.00	186.00	3.00
					186.00	189.00	3.00
					189.00	192.00	3.00
					192.00	195.00	3.00
					195.00	198.00	3.00
					198.00	201.00	3.00
					201.00	204.00	3.00
					204.00	207.00	3.00
					207.00	210.00	3.00
					210.00	213.00	3.00
					213.00	216.00	3.00
					216.00	219.00	3.00
					219.00	222.00	3.00
					222.00	225.00	3.00
					225.00	228.00	3.00
					228.00	231.00	3.00
					231.00	234.00	3.00
					234.00	237.00	3.00
					237.00	240.00	3.00
					240.00	243.00	3.00
					243.00	246.00	3.00
					246.00	249.00	3.00
					249.00	250.00	1.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-2
Grid System : ORIGINAL
Collar Eastings : 23451.500
Collar Northings : 18228.800
Collar Elevations : 1027.200
Collar Bearing : 143.54
Grid Baseline : 64.00

Collar Inclination : 14.19
Grid Bearing : 154.00
Final Depth : 100.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	12.00	INT	Greenish intrusive with moderate argillic alteration, feldspar megacrysts, and occasional quartz eyes. Almost all biotites altered to white sericite. NOTE: At 3m; 0.5cm wide vein of silver, massive sulphide, likely arsenopyrite.	141989	0.00	3.00	3.00
				141990	3.00	6.00	3.00
				141991	6.00	9.00	3.00
				141992	9.00	12.00	3.00
12.00	18.00	F*INT	Greenish-grey "evil" biotite feldspar porphyry with moderate argillic alteration white feldspars, and occasional quartz eyes.	141993	12.00	15.00	3.00
14.00	15.00		Clay pod with leached away biotites.	141994	15.00	18.00	3.00
18.00	100.00	CHERT	Grey to black blocky, fractured chert with no evident sulphide. Limonitic fracture surfaces.	141995	18.00	21.00	3.00
				141996	21.00	24.00	3.00
					24.00	27.00	3.00
					27.00	30.00	3.00
					30.00	33.00	3.00
					33.00	36.00	3.00
					36.00	39.00	3.00
				141997	39.00	42.00	3.00
40.00	41.00		Sheared clay band striking 021 deg. vertical. Contact with chert at 105/45 deg. south.				
42.00	57.00		Heavy manganese oxide staining. NOTE: 53-57m; whitish grey clay band.	141998	42.00	45.00	3.00
				141999	45.00	48.00	3.00
				142000	48.00	51.00	3.00
				174267	51.00	54.00	3.00
				174268	54.00	57.00	3.00
					57.00	60.00	3.00
					60.00	63.00	3.00
					63.00	66.00	3.00
					66.00	69.00	3.00
				174269	69.00	72.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-2

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
70.00	72.00		Clay band at 110 deg. with pieces of fractured light green chert.	174270	72.00	75.00	3.00
					75.00	78.00	3.00
			CHERT TO END OF TRENCH AT 100m		78.00	81.00	3.00
					81.00	84.00	3.00
					84.00	87.00	3.00
					87.00	90.00	3.00
					90.00	93.00	3.00
					93.00	96.00	3.00
					96.00	99.00	3.00
					99.00	100.00	1.00

NORANDA EXPLORATION

DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-3
Grid System : ORIGINAL
Collar Eastings : 23524.100
Collar Northings : 17998.900
Collar Elevations : 1060.800
Collar Bearing : 219.99
Grid Baseline : 64.00

Collar Inclination : 0.00
Grid Bearing : 154.00
Final Depth : 84.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	15.00	CHERT	Greenish grey, muddy fractured chert with hematitic and limonitic fracture surfaces. Occasional quartz veins 0.5-10mm thick.		0.00	3.00	3.00
					3.00	6.00	3.00
				166801	6.00	9.00	3.00
				166802	9.00	12.00	3.00
				166803	12.00	15.00	3.00
15.00	35.00	INT	Greenish, bleached intrusive with argillically altered quartz eyes. No apparent quartz stockwork. NOTE: At 26m, intrusive becomes more limonitic and has increase in percent of white feldspar porphyries. Amount of hematite and manganese oxide also NOTE: At contact, large amount of manganese oxide and hematite.	166804	15.00	18.00	3.00
				166805	18.00	21.00	3.00
				166806	21.00	24.00	3.00
				166807	24.00	27.00	3.00
				166808	27.00	30.00	3.00
				166809	30.00	33.00	3.00
				166810	33.00	36.00	3.00
35.00	84.00	CHERT	Greenish grey, muddy fractured chert with hematitic and limonitic fracture surfaces. Occasional quartz veins 0.5-10mm thick.	166811	36.00	39.00	3.00
				166812	39.00	42.00	3.00
					42.00	45.00	3.00
					45.00	48.00	3.00
					48.00	51.00	3.00
					51.00	54.00	3.00
					54.00	57.00	3.00
					57.00	60.00	3.00
					60.00	63.00	3.00
					63.00	66.00	3.00
					66.00	69.00	3.00
					69.00	72.00	3.00
					72.00	75.00	3.00
					75.00	78.00	3.00
					78.00	81.00	3.00
					81.00	84.00	3.00

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-4
Grid System : ORIGINAL
Collar Eastings : 23408.500
Collar Northings : 17766.200
Collar Elevations : 960.900
Collar Bearing : 183.44
Grid Baseline : 64.00

Collar Inclination : -33.57
Grid Bearing : 154.00
Final Depth : 28.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	27.00	CHERT	Greenish grey fractured bedded chert with occasional quartz veins.	166813	0.00	3.00	3.00
				166814	3.00	6.00	3.00
			NOTE: At 15m; very limonitic chert with annealed breccia veins.	166815	6.00	9.00	3.00
				166816	9.00	12.00	3.00
			NOTE: At 20m; 15cm wide verticle pod of quartz vein. Intensely hematitic and manganese oxide rich with yellow ochre present.	166817	12.00	15.00	3.00
				166818	15.00	18.00	3.00
				166819	18.00	21.00	3.00
				166820	21.00	24.00	3.00
			NOTE: 25-27.5m; hematitic, manganese oxide rich quartz vein with abundant yellow ochre. Thin discontinuous stibnite vein found at 27m in floor of trench.	166821	24.00	27.00	3.00
				166822	27.00	28.00	1.00
			NOTE: 1m grab sample from 27-28m, is R166822.				

NORANDA EXPLORATION
DIAMOND DRILL LOG

PROPERTY : BREWERY CREEK
HOLE No. : BCTR91S-5
Grid System : ORIGINAL
Collar Eastings : 23310.700
Collar Northings : 17677.900
Collar Elevations : 911.500
Collar Bearing : 190.71
Grid Baseline : 64.00

Collar Inclination : -23.29
Grid Bearing : 154.00
Final Depth : 60.00
Claim No. :

INTERVAL(m) FROM	TO	MAJOR/MINOR UNITS	DESCRIPTION	SAMPLE NUMBER	INTERVAL(m) FROM	TO	SAMPLE WIDTH
0.00	41.00	VOLC	Blue, fine grained, calcareous crystal tuff(?) or ardesite with 3-5% disseminated and blebby silver sulphides (arsenopyrite) yellow calcareous deposits on fracture surfaces. NOTE: At beggining of trench there is contact with very fresh greenish grey black biotite-rich intrusive. A composit sample was taken from 0-1m and labled R166843. NOTE: At 3-4m; red, quartz-rich vein, very "cooked". Sandy textured. NOTE: At 15m; 50cm wide shattered, sandy textured zone with black, manganese oxide-rich center. Orientated at 120/50 deg. S.W.	166823	0.00	3.00	3.00
				166824	3.00	6.00	3.00
				166825	6.00	9.00	3.00
				166826	9.00	12.00	3.00
				166827	12.00	15.00	3.00
				166828	15.00	18.00	3.00
				166829	18.00	21.00	3.00
				166830	21.00	24.00	3.00
				166831	24.00	27.00	3.00
				166832	27.00	30.00	3.00
				166833	30.00	33.00	3.00
				166834	33.00	36.00	3.00
				166835	36.00	39.00	3.00
				166836	39.00	42.00	3.00
41.00	43.00	INT	Red hematitic siliceous intrusive zone with minor blebs of stibnite/arsenopyrite.	166837	42.00	45.00	3.00
43.00	48.00	F*INT	Black biotite-rich greenish grey intrusive with some sulphide in first two metres. NOTE: Sandy to clayey textured thrust runs from 43-45m at 110/40 deg. S.W.	166838	45.00	48.00	3.00
48.00	60.00	CHERT	Grey fractured chert with limonitic fracture surfaces. Contact is hematitic and manganese oxide rich. NOTE: At 150m; thrust zone at 110/42 deg. S.W.	166839	48.00	51.00	3.00
				166840	51.00	54.00	3.00
				166841	54.00	57.00	3.00
				166842	57.00	60.00	3.00